

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/31/2023

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	22.69	21.44	21.65	19.20	18.52	19.81	20.69	18.20	17.34	17.53	18.22	18.24	19.81	19.43	18.89	18.71	20.66	28.59	30.58	30.38	25.90	21.06	20.40	20.18
24138	1.44	1.23	1.15	0.98	0.94	0.95	1.09	1.15	1.15	1.28	1.31	1.36	1.48	1.50	1.57	1.63	1.80	2.45	2.47	2.28	1.86	1.43	1.30	1.01
	0.00	0.00	-0.43	-0.53	0.00	0.00	0.00	0.00	0.00	-0.03	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
74TH STREET_GT_1	22.70	21.47	21.68	19.22	18.54	19.83	20.71	18.21	17.34	17.52	18.21	18.22	19.77	19.39	18.86	18.69	20.62	28.53	30.54	30.36	25.89	21.07	20.39	20.17
24260	1.44	1.25	1.18	1.00	0.97	0.98	1.11	1.15	1.15	1.27	1.29	1.34	1.44	1.46	1.54	1.61	1.75	2.40	2.43	2.26	1.85	1.44	1.29	1.01
	0.00	0.00	-0.43	-0.53	0.00	0.00	0.00	0.00	0.00	-0.03	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
74TH STREET_GT_2	22.70	21.47	21.68	19.22	18.54	19.83	20.71	18.21	17.34	17.52	18.21	18.22	19.77	19.39	18.86	18.69	20.62	28.53	30.54	30.36	25.89	21.07	20.39	20.17
24261	1.44	1.25	1.18	1.00	0.97	0.98	1.11	1.15	1.15	1.27	1.29	1.34	1.44	1.46	1.54	1.61	1.75	2.40	2.43	2.26	1.85	1.44	1.29	1.01
	0.00	0.00	-0.43	-0.53	0.00	0.00	0.00	0.00	0.00	-0.03	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
ADK HUDSON___FALLS	22.17	20.99	21.44	19.05	18.18	19.60	20.43	17.76	16.74	16.59	17.25	17.20	18.68	18.36	17.93	17.67	19.58	27.38	29.76	29.69	25.38	20.66	19.96	19.78
24011	0.91	0.78	0.79	0.65	0.60	0.74	0.83	0.70	0.54	0.37	0.33	0.32	0.35	0.43	0.61	0.59	0.71	1.25	1.65	1.59	1.34	1.03	0.85	0.62
	0.00	0.00	-0.57	-0.70	0.00	0.00	0.00	0.00	0.00	-0.01	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
ADK RESOURCE___RCVRY	22.33	21.10	21.52	19.11	18.25	19.74	20.59	17.90	16.83	16.64	17.30	17.27	18.75	18.43	18.02	17.80	19.73	27.65	30.12	30.00	25.67	20.86	20.14	19.96
23798	1.07	0.88	0.88	0.71	0.67	0.88	0.99	0.85	0.63	0.42	0.39	0.38	0.42	0.50	0.70	0.71	0.86	1.52	2.01	1.91	1.63	1.23	1.04	0.80
	0.00	0.00	-0.57	-0.70	0.00	0.00	0.00	0.00	0.00	-0.01	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
ADK S GLENS___FALLS	22.17	20.99	21.44	19.05	18.18	19.60	20.43	17.76	16.74	16.59	17.25	17.20	18.68	18.36	17.93	17.67	19.58	27.38	29.76	29.69	25.38	20.66	19.96	19.78
24028	0.91	0.78	0.79	0.65	0.60	0.74	0.83	0.70	0.54	0.37	0.33	0.32	0.35	0.43	0.61	0.59	0.71	1.25	1.65	1.59	1.34	1.03	0.85	0.62
	0.00	0.00	-0.57	-0.70	0.00	0.00	0.00	0.00	0.00	-0.01	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
ADK_NYS___DAM	22.29	21.25	21.78	19.36	18.54	19.90	20.70	17.87	16.81	16.74	17.40	17.31	18.79	18.42	17.94	17.56	19.42	27.04	29.39	29.60	25.23	20.51	19.98	19.85
23527	1.04	1.04	1.16	0.99	0.96	1.04	1.10	0.81	0.61	0.52	0.49	0.43	0.46	0.49	0.62	0.47	0.55	0.91	1.28	1.50	1.19	0.88	0.88	0.69
	0.00	0.00	-0.55	-0.67	0.00	0.00	0.00	0.00	0.00	-0.01	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
AIR_PRODUCTS___DRP	21.61	20.71	21.17	18.84	17.86	19.13	19.87	17.32	16.42	16.41	17.02	16.98	18.43	18.08	17.56	17.32	19.14	26.60	28.71	28.71	24.50	19.95	19.38	19.25
24190	0.36	0.50	0.54	0.46	0.28	0.27	0.27	0.26	0.22	0.19	0.10	0.09	0.10	0.15	0.24	0.23	0.27	0.47	0.60	0.61	0.45	0.31	0.28	0.09
	0.00	0.00	-0.55	-0.67	0.00	0.00	0.00	0.00	0.00	-0.01	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
AKWESSNE_115KV_BK	20.91	19.92	19.75	17.44	17.33	18.62	19.39	16.90	16.03	16.05	16.79	16.76	18.23	17.81	17.14	16.87	18.67	25.80	27.69	27.73	23.77	19.48	18.97	19.06
355683	-0.34	-0.30	-0.33	-0.26	-0.25	-0.23	-0.21	-0.15	-0.17	-0.17	-0.12	-0.12	-0.10	-0.12	-0.18	-0.21	-0.20	-0.33	-0.42	-0.36	-0.27	-0.15	-0.13	-0.11
	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	21.61	20.71	21.17	18.84	17.86	19.13	19.87	17.32	16.42	16.41	17.02	16.98	18.43	18.08	17.56	17.32	19.14	26.60	28.71	28.71	24.50	19.95	19.38	19.25
23571	0.36	0.50	0.54	0.46	0.28	0.27	0.27	0.26	0.22	0.19	0.10	0.09	0.10	0.15	0.24	0.23	0.27	0.47	0.60	0.61	0.45	0.31	0.28	0.09
	0.00	0.00	-0.55	-0.67	0.00	0.00	0.00	0.00	0.00	-0.01	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___2	21.61	20.71	21.17	18.84	17.86	19.13	19.87	17.32	16.42	16.41	17.02	16.98	18.43	18.08	17.56	17.32	19.14	26.60	28.71	28.71	24.50	19.95	19.38	19.25
23572	0.36	0.50	0.54	0.46	0.28	0.27	0.27	0.26	0.22	0.19	0.10	0.09	0.10	0.15	0.24	0.23	0.27	0.47	0.60	0.61	0.45	0.31	0.28	0.09
	0.00	0.00	-0.55	-0.67	0.00	0.00	0.00	0.00	0.00	-0.01	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___3	21.61	20.71	21.17	18.84	17.86	19.13	19.87	17.32	16.42	16.41	17.02	16.98	18.43	18.08	17.56	17.32	19.14	26.60	28.71	28.71	24.50	19.95	19.38	19.25
23573	0.36	0.50	0.54	0.46	0.28	0.27	0.27	0.26	0.22	0.19	0.10	0.09	0.10	0.15	0.24	0.23	0.27	0.47	0.60	0.61	0.45	0.31	0.28	0.09
	0.00	0.00	-0.55	-0.67	0.00	0.00	0.00	0.00	0.00	-0.01	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___4 23574	21.61 0.36 0.00	20.71 0.50 0.00	21.17 0.54 -0.55	18.84 0.46 -0.67	17.86 0.28 0.00	19.13 0.27 0.00	19.87 0.27 0.00	17.32 0.26 0.00	16.42 0.22 0.00	16.41 0.19 -0.01	17.02 0.10 0.00	16.98 0.09 0.00	18.43 0.10 0.00	18.08 0.15 0.00	17.56 0.24 0.00	17.32 0.23 0.00	19.14 0.27 0.00	26.60 0.47 0.00	28.71 0.60 0.00	28.71 0.61 0.00	24.50 0.45 0.00	19.95 0.31 0.00	19.38 0.28 0.00	19.25 0.09 0.00
ALBANY___LFGE 323615	21.81 0.56 0.00	20.88 0.66 0.00	21.34 0.70 -0.55	18.99 0.60 -0.68	18.03 0.45 0.00	19.33 0.47 0.00	20.07 0.48 0.00	17.49 0.43 0.00	16.57 0.37 0.00	16.57 0.34 -0.01	17.19 0.27 0.00	17.14 0.26 0.00	18.62 0.29 0.00	18.26 0.33 0.00	17.75 0.43 0.00	17.51 0.42 0.00	19.35 0.49 0.00	26.90 0.77 0.00	29.03 0.93 0.00	29.02 0.92 0.00	24.77 0.73 0.00	20.16 0.53 0.00	19.59 0.49 0.00	19.46 0.29 0.00
ALCOA_PA_115KV_PL-6C 55860	20.94 -0.32 0.00	19.95 -0.26 0.00	19.79 -0.29 0.00	17.47 -0.23 0.00	17.35 -0.22 0.00	18.66 -0.20 0.00	19.43 -0.17 0.00	16.93 -0.13 0.00	16.05 -0.15 0.00	16.05 -0.16 0.00	16.80 -0.12 0.00	16.77 -0.11 0.00	18.26 -0.07 0.00	17.83 -0.10 0.00	17.16 -0.16 0.00	16.88 -0.21 0.00	18.69 -0.19 0.00	25.83 -0.30 0.00	27.71 -0.39 0.00	27.79 -0.31 0.00	23.83 -0.21 0.00	19.52 -0.11 0.00	19.02 -0.09 0.00	19.11 -0.06 0.00
ALCOA_RYNLDS___DRP 24188	20.94 -0.32 0.00	19.95 -0.26 0.00	19.79 -0.29 0.00	17.47 -0.23 0.00	17.35 -0.22 0.00	18.66 -0.20 0.00	19.43 -0.17 0.00	16.93 -0.13 0.00	16.05 -0.15 0.00	16.05 -0.16 0.00	16.80 -0.12 0.00	16.77 -0.11 0.00	18.26 -0.07 0.00	17.83 -0.10 0.00	17.16 -0.16 0.00	16.88 -0.21 0.00	18.69 -0.19 0.00	25.83 -0.30 0.00	27.71 -0.39 0.00	27.79 -0.31 0.00	23.83 -0.21 0.00	19.52 -0.11 0.00	19.02 -0.09 0.00	19.11 -0.06 0.00
ALCOA___DSASP 323711	20.94 -0.32 0.00	19.95 -0.26 0.00	19.79 -0.29 0.00	17.47 -0.23 0.00	17.35 -0.22 0.00	18.65 -0.21 0.00	19.43 -0.17 0.00	16.93 -0.13 0.00	16.05 -0.15 0.00	16.05 -0.16 0.00	16.80 -0.12 0.00	16.77 -0.11 0.00	18.26 -0.07 0.00	17.83 -0.10 0.00	17.16 -0.16 0.00	16.88 -0.20 0.00	18.69 -0.19 0.00	25.83 -0.30 0.00	27.71 -0.39 0.00	27.79 -0.31 0.00	23.83 -0.21 0.00	19.52 -0.11 0.00	19.01 -0.09 0.00	19.11 -0.06 0.00
ALLEGHENY___COGEN 23514	21.93 0.67 0.00	20.95 0.73 0.00	20.81 0.67 -0.07	18.37 0.59 -0.08	18.29 0.72 0.00	19.67 0.81 0.00	20.65 1.05 0.00	17.82 0.76 0.00	16.76 0.56 0.00	16.58 0.36 0.00	17.23 0.31 0.00	17.17 0.30 0.00	18.65 0.32 0.00	18.19 0.27 0.00	17.55 0.23 0.00	17.26 0.17 0.00	19.03 0.16 0.00	26.37 0.24 0.00	28.55 0.45 0.00	29.05 0.95 0.00	25.23 1.18 0.00	20.51 0.88 0.00	19.85 0.74 0.00	20.01 0.85 0.00
ALTAMONT_115KV_TB 2 55880	21.88 0.62 0.00	20.85 0.63 0.00	21.30 0.67 -0.55	18.96 0.58 -0.67	18.09 0.51 0.00	19.38 0.52 0.00	20.12 0.53 0.00	17.54 0.48 0.00	16.61 0.41 0.00	16.62 0.40 -0.01	17.27 0.35 0.00	17.23 0.34 0.00	18.71 0.37 0.00	18.33 0.40 0.00	17.80 0.49 0.00	17.56 0.47 0.00	19.41 0.54 0.00	26.96 0.82 0.00	29.07 0.97 0.00	29.06 0.96 0.00	24.82 0.78 0.00	20.22 0.59 0.00	19.64 0.54 0.00	19.55 0.39 0.00
ALTONA_WT_PWR 323606	21.09 -0.16 0.00	20.03 -0.19 0.00	19.93 -0.15 0.00	17.60 -0.10 0.00	17.57 0.00 0.00	18.95 0.09 0.00	19.78 0.18 0.00	17.26 0.20 0.00	16.35 0.16 0.00	16.36 0.14 0.00	17.09 0.18 0.00	17.06 0.18 0.00	18.56 0.23 0.00	18.16 0.23 0.00	17.50 0.18 0.00	17.22 0.13 0.00	19.05 0.18 0.00	26.36 0.23 0.00	28.38 0.27 0.00	28.45 0.35 0.00	24.31 0.27 0.00	19.84 0.21 0.00	19.29 0.19 0.00	19.33 0.17 0.00
AMERICAN_REF_FUEL 24010	20.81 -0.44 0.00	19.99 -0.23 0.00	19.75 -0.39 -0.06	17.47 -0.31 -0.08	17.37 -0.21 0.00	18.59 -0.27 0.00	19.52 -0.08 0.00	16.72 -0.34 0.00	15.99 -0.20 0.00	15.93 -0.28 0.00	16.57 -0.34 0.00	16.56 -0.33 0.00	18.03 -0.30 0.00	17.48 -0.45 0.00	16.84 -0.48 0.00	16.52 -0.57 0.00	18.19 -0.68 0.00	25.02 -1.11 0.00	26.84 -1.27 0.00	26.82 -1.27 0.00	23.22 -0.82 0.00	18.87 -0.76 0.00	18.31 -0.80 0.00	18.76 -0.40 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.17 -0.09 0.00	20.29 0.08 0.00	20.21 0.07 -0.07	17.82 0.03 -0.09	17.75 0.18 0.00	19.05 0.19 0.00	20.01 0.41 0.00	17.19 0.13 0.00	16.60 0.41 0.00	16.76 0.55 0.00	17.49 0.58 0.00	17.51 0.63 0.00	19.03 0.70 0.00	18.55 0.61 0.00	17.89 0.57 0.00	17.60 0.52 0.00	19.38 0.51 0.00	26.67 0.54 0.00	28.60 0.50 0.00	28.52 0.42 0.00	24.51 0.46 0.00	19.90 0.27 0.00	19.26 0.16 0.00	19.63 0.46 0.00
ARTHUR_KILL_GT_1 23520	22.58 1.32 0.00	21.30 1.08 0.00	21.52 1.02 -0.43	19.09 0.86 -0.53	18.40 0.83 0.00	19.69 0.84 0.00	20.53 0.94 0.00	18.05 0.99 0.00	17.17 0.97 0.00	17.33 1.09 -0.03	18.03 1.11 0.00	18.04 1.16 0.00	19.55 1.22 0.00	19.23 1.30 0.00	18.71 1.40 0.00	18.57 1.48 0.00	20.42 1.54 -0.01	28.31 2.18 0.00	30.29 2.18 0.00	30.13 2.03 -0.01	25.72 1.67 0.00	20.99 1.35 0.00	20.31 1.21 0.00	20.10 0.93 0.00
ARTHUR_KILL_2 23512	22.51 1.26 0.00	21.23 1.01 0.00	21.46 0.95 -0.43	19.03 0.81 -0.53	18.35 0.78 0.00	19.64 0.78 0.00	20.47 0.87 0.00	18.00 0.94 0.00	17.12 0.92 0.00	17.28 1.04 -0.03	17.98 1.06 0.00	17.99 1.11 0.00	19.50 1.17 0.00	19.17 1.24 0.00	18.66 1.34 0.00	18.51 1.42 0.00	20.35 1.48 -0.01	28.21 2.08 0.00	30.19 2.08 0.00	30.02 1.92 -0.01	25.63 1.58 0.00	20.91 1.28 0.00	20.25 1.14 0.00	20.04 0.87 0.00
ARTHUR_KILL_3 23513	22.44 1.19 0.00	21.21 1.00 0.00	21.45 0.94 -0.43	19.03 0.80 -0.53	18.34 0.76 0.00	19.60 0.74 0.00	20.43 0.83 0.00	17.98 0.92 0.00	17.12 0.92 0.00	17.28 1.04 -0.03	17.98 1.06 0.00	17.99 1.11 0.00	19.51 1.18 0.00	19.13 1.20 0.00	18.60 1.29 0.00	18.44 1.35 0.00	20.34 1.47 0.00	28.12 1.99 0.00	30.12 2.01 0.00	29.96 1.86 0.00	25.54 1.50 0.00	20.79 1.15 0.00	20.14 1.04 0.00	19.93 0.76 0.00
ARTHUR_KILL_COGEN 323718	22.58 1.32 0.00	21.30 1.08 0.00	21.52 1.02 -0.43	19.09 0.86 -0.53	18.40 0.83 0.00	19.69 0.84 0.00	20.53 0.94 0.00	18.05 0.99 0.00	17.17 0.97 0.00	17.33 1.09 -0.03	18.03 1.11 0.00	18.04 1.16 0.00	19.55 1.22 0.00	19.23 1.30 0.00	18.71 1.40 0.00	18.57 1.48 0.00	20.42 1.54 -0.01	28.31 2.18 0.00	30.29 2.18 0.00	30.13 2.03 -0.01	25.72 1.67 0.00	20.99 1.35 0.00	20.31 1.21 0.00	20.10 0.93 0.00
ASHOKAN____ 23654	22.35 1.10 0.00	21.32 1.10 0.00	21.68 1.12 -0.48	19.23 0.94 -0.60	18.42 0.84 0.00	19.74 0.89 0.00	20.54 0.94 0.00	17.91 0.85 0.00	16.94 0.74 0.00	16.81 0.60 0.00	17.37 0.46 0.00	17.31 0.43 0.00	18.84 0.51 0.00	18.51 0.58 0.00	17.98 0.66 0.00	17.69 0.60 0.00	19.58 0.71 0.00	27.29 1.16 0.00	29.53 1.42 0.00	29.54 1.45 0.00	25.19 1.15 0.00	20.47 0.84 0.00	19.89 0.79 0.00	19.78 0.61 0.00

ASTORIA_EAST_ENERGY_CC1 323581	22.59 1.34 0.00	21.36 1.14 0.00	21.57 1.06 -0.43	19.13 0.90 -0.53	18.45 0.87 0.00	19.74 0.88 0.00	20.58 0.99 0.00	18.11 1.05 0.00	17.24 1.04 0.00	17.36 1.12 -0.03	18.02 1.11 0.00	18.04 1.16 0.00	19.57 1.24 0.00	19.19 1.27 0.00	18.67 1.35 0.00	18.51 1.42 0.00	20.42 1.55 0.00	28.27 2.14 0.00	30.24 2.13 0.00	30.06 1.96 0.00	25.66 1.62 0.00	20.94 1.30 0.00	20.26 1.16 0.00	20.02 0.85 0.00
ASTORIA_EAST_ENERGY_CC2 323582	22.59 1.34 0.00	21.36 1.14 0.00	21.57 1.06 -0.43	19.13 0.90 -0.53	18.45 0.88 0.00	19.74 0.88 0.00	20.58 0.99 0.00	18.11 1.05 0.00	17.24 1.04 0.00	17.36 1.12 -0.03	18.02 1.11 0.00	18.04 1.16 0.00	19.57 1.24 0.00	19.19 1.27 0.00	18.67 1.35 0.00	18.51 1.42 0.00	20.42 1.55 0.00	28.27 2.14 0.00	30.24 2.13 0.00	30.06 1.96 0.00	25.66 1.62 0.00	20.94 1.30 0.00	20.26 1.16 0.00	20.02 0.85 0.00
ASTORIA_GT2_1 24094	22.59 1.34 0.00	21.37 1.15 0.00	21.58 1.08 -0.43	19.14 0.91 -0.53	18.46 0.89 0.00	19.73 0.87 0.00	20.59 0.99 0.00	18.12 1.06 0.00	17.24 1.04 0.00	17.38 1.13 -0.03	18.03 1.12 0.00	18.05 1.17 0.00	19.59 1.25 0.00	19.21 1.27 0.00	18.68 1.37 0.00	18.52 1.43 0.00	20.43 1.56 0.00	28.29 2.16 0.00	30.25 2.15 0.00	30.08 1.98 0.00	25.68 1.64 0.00	20.95 1.31 0.00	20.25 1.15 0.00	20.03 0.86 0.00
ASTORIA_GT2_2 24095	22.59 1.34 0.00	21.37 1.15 0.00	21.58 1.08 -0.43	19.14 0.91 -0.53	18.46 0.89 0.00	19.73 0.87 0.00	20.59 0.99 0.00	18.12 1.06 0.00	17.24 1.04 0.00	17.38 1.13 -0.03	18.03 1.12 0.00	18.05 1.17 0.00	19.59 1.25 0.00	19.21 1.27 0.00	18.68 1.37 0.00	18.52 1.43 0.00	20.43 1.56 0.00	28.29 2.16 0.00	30.25 2.15 0.00	30.08 1.98 0.00	25.68 1.64 0.00	20.95 1.31 0.00	20.25 1.15 0.00	20.03 0.86 0.00
ASTORIA_GT2_3 24096	22.59 1.34 0.00	21.37 1.15 0.00	21.58 1.08 -0.43	19.14 0.91 -0.53	18.46 0.89 0.00	19.73 0.87 0.00	20.59 0.99 0.00	18.12 1.06 0.00	17.24 1.04 0.00	17.38 1.13 -0.03	18.03 1.12 0.00	18.05 1.17 0.00	19.59 1.25 0.00	19.21 1.27 0.00	18.68 1.37 0.00	18.52 1.43 0.00	20.43 1.56 0.00	28.29 2.16 0.00	30.25 2.15 0.00	30.08 1.98 0.00	25.68 1.64 0.00	20.95 1.31 0.00	20.25 1.15 0.00	20.03 0.86 0.00
ASTORIA_GT2_4 24097	22.59 1.34 0.00	21.37 1.15 0.00	21.58 1.08 -0.43	19.14 0.91 -0.53	18.46 0.89 0.00	19.73 0.87 0.00	20.59 0.99 0.00	18.12 1.06 0.00	17.24 1.04 0.00	17.38 1.13 -0.03	18.03 1.12 0.00	18.05 1.17 0.00	19.59 1.25 0.00	19.21 1.27 0.00	18.68 1.37 0.00	18.52 1.43 0.00	20.43 1.56 0.00	28.29 2.16 0.00	30.25 2.15 0.00	30.08 1.98 0.00	25.68 1.64 0.00	20.95 1.31 0.00	20.25 1.15 0.00	20.03 0.86 0.00
ASTORIA_GT3_1 24098	22.59 1.34 0.00	21.37 1.15 0.00	21.58 1.08 -0.43	19.14 0.91 -0.53	18.46 0.89 0.00	19.73 0.87 0.00	20.59 0.99 0.00	18.12 1.06 0.00	17.24 1.04 0.00	17.38 1.13 -0.03	18.03 1.12 0.00	18.05 1.17 0.00	19.59 1.25 0.00	19.21 1.27 0.00	18.68 1.37 0.00	18.52 1.43 0.00	20.43 1.56 0.00	28.29 2.16 0.00	30.25 2.15 0.00	30.08 1.98 0.00	25.68 1.64 0.00	20.95 1.31 0.00	20.25 1.15 0.00	20.03 0.86 0.00
ASTORIA_GT3_2 24099	22.59 1.34 0.00	21.37 1.15 0.00	21.58 1.08 -0.43	19.14 0.91 -0.53	18.46 0.89 0.00	19.73 0.87 0.00	20.59 0.99 0.00	18.12 1.06 0.00	17.24 1.04 0.00	17.38 1.13 -0.03	18.03 1.12 0.00	18.05 1.17 0.00	19.59 1.25 0.00	19.21 1.27 0.00	18.68 1.37 0.00	18.52 1.43 0.00	20.43 1.56 0.00	28.29 2.16 0.00	30.25 2.15 0.00	30.08 1.98 0.00	25.68 1.64 0.00	20.95 1.31 0.00	20.25 1.15 0.00	20.03 0.86 0.00
ASTORIA_GT3_3 24100	22.59 1.34 0.00	21.37 1.15 0.00	21.58 1.08 -0.43	19.14 0.91 -0.53	18.46 0.89 0.00	19.73 0.87 0.00	20.59 0.99 0.00	18.12 1.06 0.00	17.24 1.04 0.00	17.38 1.13 -0.03	18.03 1.12 0.00	18.05 1.17 0.00	19.59 1.25 0.00	19.21 1.27 0.00	18.68 1.37 0.00	18.52 1.43 0.00	20.43 1.56 0.00	28.29 2.16 0.00	30.25 2.15 0.00	30.08 1.98 0.00	25.68 1.64 0.00	20.95 1.31 0.00	20.25 1.15 0.00	20.03 0.86 0.00
ASTORIA_GT3_4 24101	22.59 1.34 0.00	21.37 1.15 0.00	21.58 1.08 -0.43	19.14 0.91 -0.53	18.46 0.89 0.00	19.73 0.87 0.00	20.59 0.99 0.00	18.12 1.06 0.00	17.24 1.04 0.00	17.38 1.13 -0.03	18.03 1.12 0.00	18.05 1.17 0.00	19.59 1.25 0.00	19.21 1.27 0.00	18.68 1.37 0.00	18.52 1.43 0.00	20.43 1.56 0.00	28.29 2.16 0.00	30.25 2.15 0.00	30.08 1.98 0.00	25.68 1.64 0.00	20.95 1.31 0.00	20.25 1.15 0.00	20.03 0.86 0.00
ASTORIA_GT4_1 24102	22.59 1.34 0.00	21.37 1.15 0.00	21.58 1.08 -0.43	19.14 0.91 -0.53	18.46 0.89 0.00	19.73 0.87 0.00	20.59 0.99 0.00	18.12 1.06 0.00	17.24 1.04 0.00	17.38 1.13 -0.03	18.03 1.12 0.00	18.05 1.17 0.00	19.59 1.25 0.00	19.21 1.27 0.00	18.68 1.37 0.00	18.52 1.43 0.00	20.43 1.56 0.00	28.29 2.16 0.00	30.25 2.15 0.00	30.08 1.98 0.00	25.68 1.64 0.00	20.95 1.31 0.00	20.25 1.15 0.00	20.03 0.86 0.00
ASTORIA_GT4_2 24103	22.59 1.34 0.00	21.37 1.15 0.00	21.58 1.08 -0.43	19.14 0.91 -0.53	18.46 0.89 0.00	19.73 0.87 0.00	20.59 0.99 0.00	18.12 1.06 0.00	17.24 1.04 0.00	17.38 1.13 -0.03	18.03 1.12 0.00	18.05 1.17 0.00	19.59 1.25 0.00	19.21 1.27 0.00	18.68 1.37 0.00	18.52 1.43 0.00	20.43 1.56 0.00	28.29 2.16 0.00	30.25 2.15 0.00	30.08 1.98 0.00	25.68 1.64 0.00	20.95 1.31 0.00	20.25 1.15 0.00	20.03 0.86 0.00
ASTORIA_GT4_3 24104	22.59 1.34 0.00	21.37 1.15 0.00	21.58 1.08 -0.43	19.14 0.91 -0.53	18.46 0.89 0.00	19.73 0.87 0.00	20.59 0.99 0.00	18.12 1.06 0.00	17.24 1.04 0.00	17.38 1.13 -0.03	18.03 1.12 0.00	18.05 1.17 0.00	19.59 1.25 0.00	19.21 1.27 0.00	18.68 1.37 0.00	18.52 1.43 0.00	20.43 1.56 0.00	28.29 2.16 0.00	30.25 2.15 0.00	30.08 1.98 0.00	25.68 1.64 0.00	20.95 1.31 0.00	20.25 1.15 0.00	20.03 0.86 0.00
ASTORIA_GT4_4 24105	22.59 1.34 0.00	21.37 1.15 0.00	21.58 1.08 -0.43	19.14 0.91 -0.53	18.46 0.89 0.00	19.73 0.87 0.00	20.59 0.99 0.00	18.12 1.06 0.00	17.24 1.04 0.00	17.38 1.13 -0.03	18.03 1.12 0.00	18.05 1.17 0.00	19.59 1.25 0.00	19.21 1.27 0.00	18.68 1.37 0.00	18.52 1.43 0.00	20.43 1.56 0.00	28.29 2.16 0.00	30.25 2.15 0.00	30.08 1.98 0.00	25.68 1.64 0.00	20.95 1.31 0.00	20.25 1.15 0.00	20.03 0.86 0.00
ASTORIA_GT_1 23523	22.65 1.39 0.00	21.40 1.19 0.00	21.62 1.11 -0.43	19.17 0.94 -0.53	18.49 0.92 0.00	19.78 0.93 0.00	20.63 1.03 0.00	18.16 1.10 0.00	17.27 1.08 0.00	17.41 1.16 -0.03	18.07 1.16 0.00	18.09 1.21 0.00	19.62 1.29 0.00	19.25 1.32 0.00	18.72 1.40 0.00	18.56 1.48 0.00	20.48 1.61 0.00	28.35 2.22 0.00	30.32 2.21 0.00	30.14 2.04 0.00	25.73 1.68 0.00	20.99 1.36 0.00	20.30 1.20 0.00	20.07 0.91 0.00

ASTORIA_GT_10 24110	22.55 1.30 0.00	21.32 1.11 0.00	21.55 1.04 -0.43	19.11 0.88 -0.53	18.42 0.85 0.00	19.70 0.84 0.00	20.57 0.97 0.00	18.09 1.04 0.00	17.23 1.04 0.00	17.39 1.14 -0.03	18.06 1.15 0.00	18.08 1.20 0.00	19.62 1.29 0.00	19.24 1.31 0.00	18.72 1.41 0.00	18.55 1.47 0.00	20.47 1.60 0.00	28.32 2.19 0.00	30.31 2.21 0.00	30.14 2.04 0.00	25.70 1.66 0.00	20.93 1.29 0.00	20.25 1.15 0.00	20.03 0.87 0.00
ASTORIA_GT_11 24225	22.55 1.30 0.00	21.32 1.11 0.00	21.55 1.04 -0.43	19.11 0.88 -0.53	18.42 0.85 0.00	19.70 0.84 0.00	20.57 0.97 0.00	18.09 1.04 0.00	17.23 1.04 0.00	17.39 1.14 -0.03	18.06 1.15 0.00	18.08 1.20 0.00	19.62 1.29 0.00	19.24 1.31 0.00	18.72 1.41 0.00	18.55 1.47 0.00	20.47 1.60 0.00	28.32 2.19 0.00	30.31 2.21 0.00	30.14 2.04 0.00	25.70 1.66 0.00	20.93 1.29 0.00	20.25 1.15 0.00	20.03 0.87 0.00
ASTORIA_GT_12 24226	22.55 1.30 0.00	21.32 1.11 0.00	21.55 1.04 -0.43	19.11 0.88 -0.53	18.42 0.85 0.00	19.70 0.84 0.00	20.57 0.97 0.00	18.09 1.04 0.00	17.23 1.04 0.00	17.39 1.14 -0.03	18.06 1.15 0.00	18.08 1.20 0.00	19.62 1.29 0.00	19.24 1.31 0.00	18.72 1.41 0.00	18.55 1.47 0.00	20.47 1.60 0.00	28.32 2.19 0.00	30.31 2.21 0.00	30.14 2.04 0.00	25.70 1.66 0.00	20.93 1.29 0.00	20.25 1.15 0.00	20.03 0.87 0.00
ASTORIA_GT_13 24227	22.55 1.30 0.00	21.32 1.11 0.00	21.55 1.04 -0.43	19.11 0.88 -0.53	18.42 0.85 0.00	19.70 0.84 0.00	20.57 0.97 0.00	18.09 1.04 0.00	17.23 1.04 0.00	17.39 1.14 -0.03	18.06 1.15 0.00	18.08 1.20 0.00	19.62 1.29 0.00	19.24 1.31 0.00	18.72 1.41 0.00	18.55 1.47 0.00	20.47 1.60 0.00	28.32 2.19 0.00	30.31 2.21 0.00	30.14 2.04 0.00	25.70 1.66 0.00	20.93 1.29 0.00	20.25 1.15 0.00	20.03 0.87 0.00
ASTORIA_GT_5 24106	22.65 1.39 0.00	21.40 1.19 0.00	21.62 1.11 -0.43	19.17 0.94 -0.53	18.49 0.92 0.00	19.78 0.93 0.00	20.63 1.03 0.00	18.16 1.10 0.00	17.27 1.08 0.00	17.41 1.16 -0.03	18.07 1.16 0.00	18.09 1.21 0.00	19.62 1.29 0.00	19.25 1.32 0.00	18.72 1.40 0.00	18.56 1.48 0.00	20.48 1.61 0.00	28.35 2.22 0.00	30.32 2.21 0.00	30.14 2.04 0.00	25.73 1.68 0.00	20.99 1.36 0.00	20.30 1.20 0.00	20.07 0.91 0.00
ASTORIA_GT_7 24107	22.65 1.39 0.00	21.40 1.19 0.00	21.62 1.11 -0.43	19.17 0.94 -0.53	18.49 0.92 0.00	19.78 0.93 0.00	20.63 1.03 0.00	18.16 1.10 0.00	17.27 1.08 0.00	17.41 1.16 -0.03	18.07 1.16 0.00	18.09 1.21 0.00	19.62 1.29 0.00	19.25 1.32 0.00	18.72 1.40 0.00	18.56 1.48 0.00	20.48 1.61 0.00	28.35 2.22 0.00	30.32 2.21 0.00	30.14 2.04 0.00	25.73 1.68 0.00	20.99 1.36 0.00	20.30 1.20 0.00	20.07 0.91 0.00
ASTORIA_GT_8 24108	22.63 1.38 0.00	21.40 1.19 0.00	21.62 1.11 -0.43	19.17 0.94 -0.53	18.49 0.92 0.00	19.77 0.91 0.00	20.63 1.03 0.00	18.16 1.10 0.00	17.28 1.08 0.00	17.41 1.16 -0.03	18.07 1.16 0.00	18.09 1.22 0.00	19.62 1.30 0.00	19.25 1.32 0.00	18.72 1.40 0.00	18.56 1.48 0.00	20.48 1.61 0.00	28.35 2.22 0.00	30.32 2.21 0.00	30.14 2.04 0.00	25.73 1.69 0.00	20.99 1.36 0.00	20.29 1.19 0.00	20.06 0.90 0.00
ASTORIA___2 24149	22.60 1.35 0.00	21.37 1.15 0.00	21.58 1.08 -0.43	19.14 0.91 -0.53	18.46 0.89 0.00	19.75 0.89 0.00	20.59 0.99 0.00	18.12 1.06 0.00	17.24 1.04 0.00	17.38 1.13 -0.03	18.03 1.12 0.00	18.05 1.17 0.00	19.59 1.25 0.00	19.21 1.28 0.00	18.68 1.36 0.00	18.52 1.43 0.00	20.43 1.56 0.00	28.29 2.16 0.00	30.25 2.14 0.00	30.08 1.98 0.00	25.68 1.64 0.00	20.95 1.31 0.00	20.27 1.16 0.00	20.04 0.87 0.00
ASTORIA___3 23516	22.56 1.31 0.00	21.32 1.11 0.00	21.55 1.04 -0.43	19.11 0.88 -0.53	18.42 0.85 0.00	19.71 0.86 0.00	20.58 0.98 0.00	18.10 1.04 0.00	17.23 1.03 0.00	17.38 1.14 -0.03	18.06 1.15 0.00	18.08 1.20 0.00	19.62 1.29 0.00	19.24 1.31 0.00	18.72 1.40 0.00	18.55 1.47 0.00	20.47 1.60 0.00	28.32 2.19 0.00	30.32 2.21 0.00	30.14 2.04 0.00	25.70 1.66 0.00	20.93 1.29 0.00	20.26 1.16 0.00	20.04 0.87 0.00
ASTORIA___4 23517	22.55 1.30 0.00	21.32 1.11 0.00	21.55 1.04 -0.43	19.11 0.88 -0.53	18.42 0.85 0.00	19.70 0.84 0.00	20.57 0.97 0.00	18.09 1.04 0.00	17.23 1.04 0.00	17.39 1.14 -0.03	18.06 1.15 0.00	18.08 1.20 0.00	19.62 1.29 0.00	19.24 1.31 0.00	18.72 1.41 0.00	18.55 1.47 0.00	20.47 1.60 0.00	28.32 2.19 0.00	30.31 2.21 0.00	30.14 2.04 0.00	25.70 1.66 0.00	20.93 1.29 0.00	20.25 1.15 0.00	20.03 0.87 0.00
ASTORIA___5 23518	22.56 1.31 0.00	21.32 1.11 0.00	21.55 1.04 -0.43	19.11 0.88 -0.53	18.42 0.85 0.00	19.71 0.86 0.00	20.58 0.98 0.00	18.10 1.04 0.00	17.23 1.03 0.00	17.38 1.14 -0.03	18.06 1.15 0.00	18.08 1.20 0.00	19.62 1.29 0.00	19.24 1.31 0.00	18.72 1.40 0.00	18.55 1.47 0.00	20.47 1.60 0.00	28.32 2.19 0.00	30.32 2.21 0.00	30.14 2.04 0.00	25.70 1.66 0.00	20.92 1.29 0.00	20.26 1.16 0.00	20.04 0.87 0.00
AST_ENERGY_2_CC3 323677	22.52 1.26 0.00	21.29 1.07 0.00	21.51 1.01 -0.43	19.08 0.85 -0.53	18.39 0.82 0.00	19.67 0.81 0.00	20.51 0.92 0.00	18.05 0.99 0.00	17.20 1.00 0.00	17.37 1.12 -0.03	18.04 1.12 0.00	18.05 1.17 0.00	19.58 1.25 0.00	19.21 1.28 0.00	18.68 1.36 0.00	18.51 1.43 0.00	20.43 1.56 0.00	28.26 2.12 0.00	30.24 2.13 0.00	30.07 1.97 0.00	25.65 1.61 0.00	20.88 1.25 0.00	20.22 1.12 0.00	20.01 0.84 0.00
AST_ENERGY_2_CC4 323678	22.52 1.26 0.00	21.29 1.07 0.00	21.51 1.01 -0.43	19.08 0.85 -0.53	18.39 0.82 0.00	19.67 0.81 0.00	20.51 0.92 0.00	18.05 0.99 0.00	17.20 1.00 0.00	17.37 1.12 -0.03	18.04 1.12 0.00	18.05 1.17 0.00	19.58 1.25 0.00	19.21 1.28 0.00	18.68 1.36 0.00	18.51 1.43 0.00	20.43 1.56 0.00	28.26 2.12 0.00	30.24 2.13 0.00	30.07 1.97 0.00	25.65 1.61 0.00	20.88 1.25 0.00	20.22 1.12 0.00	20.01 0.84 0.00
ATHENS_STG_1 23668	22.04 0.78 0.00	20.93 0.71 0.00	21.29 0.73 -0.48	18.94 0.64 -0.59	18.17 0.60 0.00	19.47 0.62 0.00	20.21 0.62 0.00	17.65 0.59 0.00	16.74 0.54 0.00	16.79 0.56 -0.01	17.46 0.54 0.00	17.43 0.55 0.00	18.92 0.59 0.00	18.54 0.61 0.00	18.01 0.69 0.00	17.79 0.70 0.00	19.64 0.78 0.00	27.25 1.12 0.00	29.33 1.22 0.00	29.27 1.17 0.00	24.98 0.94 0.00	20.38 0.75 0.00	19.80 0.70 0.00	19.68 0.51 0.00
ATHENS_STG_2 23670	22.04 0.78 0.00	20.93 0.71 0.00	21.29 0.73 -0.48	18.94 0.64 -0.59	18.17 0.60 0.00	19.47 0.62 0.00	20.21 0.62 0.00	17.65 0.59 0.00	16.74 0.54 0.00	16.79 0.56 -0.01	17.46 0.54 0.00	17.43 0.55 0.00	18.92 0.59 0.00	18.54 0.61 0.00	18.01 0.69 0.00	17.79 0.70 0.00	19.64 0.78 0.00	27.25 1.12 0.00	29.33 1.22 0.00	29.27 1.17 0.00	24.98 0.94 0.00	20.38 0.75 0.00	19.80 0.70 0.00	19.68 0.51 0.00

ATHENS_STG_3 23677	22.04 0.78 0.00	20.93 0.71 0.00	21.29 0.73 -0.48	18.94 0.64 -0.59	18.17 0.60 0.00	19.47 0.62 0.00	20.21 0.62 0.00	17.65 0.59 0.00	16.74 0.54 0.00	16.79 0.56 -0.01	17.46 0.54 0.00	17.43 0.55 0.00	18.92 0.59 0.00	18.54 0.61 0.00	18.01 0.69 0.00	17.79 0.70 0.00	19.64 0.78 0.00	27.25 1.12 0.00	29.33 1.22 0.00	29.27 1.17 0.00	24.98 0.94 0.00	20.38 0.75 0.00	19.80 0.70 0.00	19.68 0.51 0.00
AUBURN____LFGE 323710	21.60 0.35 0.00	20.43 0.21 0.00	20.39 0.26 -0.05	18.01 0.25 -0.06	17.79 0.21 0.00	19.18 0.32 0.00	20.02 0.42 0.00	17.45 0.39 0.00	16.51 0.32 0.00	16.55 0.33 0.00	17.20 0.28 0.00	17.21 0.33 0.00	18.56 0.23 0.00	18.04 0.11 0.00	17.45 0.13 0.00	17.32 0.23 0.00	19.15 0.28 0.00	26.59 0.46 0.00	28.56 0.46 0.00	28.64 0.54 0.00	24.53 0.48 0.00	19.98 0.34 0.00	19.26 0.16 0.00	19.32 0.16 0.00
BABYLON_RES_REC 323704	23.23 1.98 0.00	21.84 1.63 0.00	22.05 1.54 -0.43	19.53 1.31 -0.53	18.83 1.26 0.00	20.18 1.32 0.00	21.14 1.54 0.00	18.59 1.53 0.00	17.70 1.51 0.00	17.85 1.60 -0.03	18.46 1.55 0.00	18.46 1.58 0.00	19.86 1.53 0.00	19.44 1.51 0.00	18.92 1.60 0.00	18.87 1.78 0.00	20.92 2.05 0.00	29.13 3.00 0.00	31.28 3.12 -0.05	53.19 2.99 -22.10	28.21 2.40 -1.76	26.72 1.94 -5.14	22.40 1.82 -1.48	20.61 1.44 0.00
BABYLON__69_KV_BK2 356345	23.52 2.27 0.00	22.12 1.90 0.00	22.33 1.82 -0.43	19.77 1.54 -0.53	19.06 1.49 0.00	20.35 1.49 0.00	21.38 1.78 0.00	18.82 1.76 0.00	17.94 1.74 0.00	18.09 1.84 -0.03	18.72 1.80 0.00	18.71 1.83 0.00	20.11 1.78 0.00	19.71 1.78 0.00	19.19 1.88 0.00	19.14 2.06 0.00	21.23 2.36 0.00	29.57 3.44 0.00	31.75 3.60 -0.05	62.07 3.47 -30.51	32.41 2.80 -5.57	27.04 2.27 -5.14	22.66 2.08 -1.48	20.87 1.71 0.00
BARON_WINDS____WT_PWR 323822	20.95 -0.30 0.00	20.09 -0.13 0.00	20.15 -0.01 -0.09	17.81 0.00 -0.11	17.71 0.13 0.00	18.96 0.10 0.00	19.84 0.24 0.00	17.16 0.10 0.00	16.42 0.22 0.00	16.40 0.18 0.00	17.07 0.16 0.00	17.04 0.16 0.00	18.54 0.20 0.00	18.08 0.14 0.00	17.45 0.14 0.00	17.21 0.12 0.00	18.93 0.06 0.00	26.20 0.07 0.00	28.20 0.10 0.00	28.18 0.08 0.00	24.22 0.18 0.00	19.72 0.09 0.00	19.10 0.00 0.00	19.32 0.15 0.00
BARRETT_IC_1 23704	22.89 1.64 0.00	21.60 1.38 0.00	21.82 1.31 -0.43	19.36 1.13 -0.53	18.66 1.09 0.00	19.95 1.09 0.00	20.85 1.26 0.00	18.32 1.26 0.00	17.37 1.18 0.00	17.51 1.26 -0.03	18.21 1.30 0.00	18.23 1.35 0.00	19.72 1.39 0.00	19.17 1.24 0.00	18.66 1.34 0.00	18.53 1.45 0.00	20.51 1.64 0.00	28.50 2.36 0.00	30.55 2.39 -0.05	48.58 2.26 -18.22	25.86 1.82 0.00	26.30 1.52 -5.14	22.08 1.50 -1.48	20.36 1.20 0.00
BARRETT_IC_10 23701	22.89 1.64 0.00	21.60 1.38 0.00	21.82 1.31 -0.43	19.36 1.13 -0.53	18.66 1.09 0.00	19.95 1.09 0.00	20.85 1.26 0.00	18.32 1.26 0.00	17.37 1.18 0.00	17.51 1.26 -0.03	18.21 1.30 0.00	18.23 1.35 0.00	19.72 1.39 0.00	19.17 1.24 0.00	18.66 1.34 0.00	18.53 1.45 0.00	20.51 1.64 0.00	28.50 2.36 0.00	30.55 2.39 -0.05	48.58 2.26 -18.22	25.86 1.82 0.00	26.30 1.52 -5.14	22.08 1.50 -1.48	20.36 1.20 0.00
BARRETT_IC_11 23702	22.89 1.64 0.00	21.60 1.38 0.00	21.82 1.31 -0.43	19.36 1.13 -0.53	18.66 1.09 0.00	19.95 1.09 0.00	20.85 1.26 0.00	18.32 1.26 0.00	17.37 1.18 0.00	17.51 1.26 -0.03	18.21 1.30 0.00	18.23 1.35 0.00	19.72 1.39 0.00	19.17 1.24 0.00	18.66 1.34 0.00	18.53 1.45 0.00	20.51 1.64 0.00	28.50 2.36 0.00	30.55 2.39 -0.05	48.58 2.26 -18.22	25.86 1.82 0.00	26.30 1.52 -5.14	22.08 1.50 -1.48	20.36 1.20 0.00
BARRETT_IC_12 23703	22.89 1.64 0.00	21.60 1.38 0.00	21.82 1.31 -0.43	19.36 1.13 -0.53	18.66 1.09 0.00	19.95 1.09 0.00	20.85 1.26 0.00	18.32 1.26 0.00	17.37 1.18 0.00	17.51 1.26 -0.03	18.21 1.30 0.00	18.23 1.35 0.00	19.72 1.39 0.00	19.17 1.24 0.00	18.66 1.34 0.00	18.53 1.45 0.00	20.51 1.64 0.00	28.50 2.36 0.00	30.55 2.39 -0.05	48.58 2.26 -18.22	25.86 1.82 0.00	26.30 1.52 -5.14	22.08 1.50 -1.48	20.36 1.20 0.00
BARRETT_IC_2 23705	22.89 1.64 0.00	21.60 1.38 0.00	21.82 1.31 -0.43	19.36 1.13 -0.53	18.66 1.09 0.00	19.95 1.09 0.00	20.85 1.26 0.00	18.32 1.26 0.00	17.37 1.18 0.00	17.51 1.26 -0.03	18.21 1.30 0.00	18.23 1.35 0.00	19.72 1.39 0.00	19.17 1.24 0.00	18.66 1.34 0.00	18.53 1.45 0.00	20.51 1.64 0.00	28.50 2.36 0.00	30.55 2.39 -0.05	48.58 2.26 -18.22	25.86 1.82 0.00	26.30 1.52 -5.14	22.08 1.50 -1.48	20.36 1.20 0.00
BARRETT_IC_3 23706	22.89 1.64 0.00	21.60 1.38 0.00	21.82 1.31 -0.43	19.36 1.13 -0.53	18.66 1.09 0.00	19.95 1.09 0.00	20.85 1.26 0.00	18.32 1.26 0.00	17.37 1.18 0.00	17.51 1.26 -0.03	18.21 1.30 0.00	18.23 1.35 0.00	19.72 1.39 0.00	19.17 1.24 0.00	18.66 1.34 0.00	18.53 1.45 0.00	20.51 1.64 0.00	28.50 2.36 0.00	30.55 2.39 -0.05	48.58 2.26 -18.22	25.86 1.82 0.00	26.30 1.52 -5.14	22.08 1.50 -1.48	20.36 1.20 0.00
BARRETT_IC_4 23707	22.89 1.64 0.00	21.60 1.38 0.00	21.82 1.31 -0.43	19.36 1.13 -0.53	18.66 1.09 0.00	19.95 1.09 0.00	20.85 1.26 0.00	18.32 1.26 0.00	17.37 1.18 0.00	17.51 1.26 -0.03	18.21 1.30 0.00	18.23 1.35 0.00	19.72 1.39 0.00	19.17 1.24 0.00	18.66 1.34 0.00	18.53 1.45 0.00	20.51 1.64 0.00	28.50 2.36 0.00	30.55 2.39 -0.05	48.58 2.26 -18.22	25.86 1.82 0.00	26.30 1.52 -5.14	22.08 1.50 -1.48	20.36 1.20 0.00
BARRETT_IC_5 23708	22.89 1.64 0.00	21.60 1.38 0.00	21.82 1.31 -0.43	19.36 1.13 -0.53	18.66 1.09 0.00	19.95 1.09 0.00	20.85 1.26 0.00	18.32 1.26 0.00	17.37 1.18 0.00	17.51 1.26 -0.03	18.21 1.30 0.00	18.23 1.35 0.00	19.72 1.39 0.00	19.17 1.24 0.00	18.66 1.34 0.00	18.53 1.45 0.00	20.51 1.64 0.00	28.50 2.36 0.00	30.55 2.39 -0.05	48.58 2.26 -18.22	25.86 1.82 0.00	26.30 1.52 -5.14	22.08 1.50 -1.48	20.36 1.20 0.00
BARRETT_IC_6 23709	22.89 1.64 0.00	21.60 1.38 0.00	21.82 1.31 -0.43	19.36 1.13 -0.53	18.66 1.09 0.00	19.95 1.09 0.00	20.85 1.26 0.00	18.32 1.26 0.00	17.37 1.18 0.00	17.51 1.26 -0.03	18.21 1.30 0.00	18.23 1.35 0.00	19.72 1.39 0.00	19.17 1.24 0.00	18.66 1.34 0.00	18.53 1.45 0.00	20.51 1.64 0.00	28.50 2.36 0.00	30.55 2.39 -0.05	48.58 2.26 -18.22	25.86 1.82 0.00	26.30 1.52 -5.14	22.08 1.50 -1.48	20.36 1.20 0.00
BARRETT_IC_7 23710	22.88 1.62 0.00	21.60 1.38 0.00	21.82 1.32 -0.43	19.36 1.13 -0.53	18.66 1.09 0.00	19.92 1.06 0.00	20.85 1.25 0.00	18.32 1.26 0.00	17.37 1.18 0.00	17.51 1.26 -0.03	18.21 1.30 0.00	18.23 1.35 0.00	19.72 1.39 0.00	19.17 1.24 0.00	18.67 1.35 0.00	18.53 1.45 0.00	20.52 1.64 0.00	28.50 2.36 0.00	30.55 2.40 -0.05	48.58 2.26 -18.22	25.86 1.82 0.00	26.29 1.52 -5.14	22.05 1.47 -1.48	20.36 1.19 0.00

BARRETT_IC_8 23711	22.89 1.64 0.00	21.60 1.38 0.00	21.82 1.31 -0.43	19.36 1.13 -0.53	18.66 1.09 0.00	19.95 1.09 0.00	20.85 1.26 0.00	18.32 1.26 0.00	17.37 1.18 0.00	17.51 1.26 -0.03	18.21 1.30 0.00	18.23 1.35 0.00	19.72 1.39 0.00	19.17 1.24 0.00	18.66 1.34 0.00	18.53 1.45 0.00	20.51 1.64 0.00	28.50 2.36 0.00	30.55 2.39 -0.05	48.58 2.26 -18.22	25.86 1.82 0.00	26.30 1.52 -5.14	22.08 1.50 -1.48	20.36 1.20 0.00
BARRETT_IC_9 23700	22.89 1.64 0.00	21.60 1.38 0.00	21.82 1.31 -0.43	19.36 1.13 -0.53	18.66 1.09 0.00	19.95 1.09 0.00	20.85 1.26 0.00	18.32 1.26 0.00	17.37 1.18 0.00	17.51 1.26 -0.03	18.21 1.30 0.00	18.23 1.35 0.00	19.72 1.39 0.00	19.17 1.24 0.00	18.66 1.34 0.00	18.53 1.45 0.00	20.51 1.64 0.00	28.50 2.36 0.00	30.55 2.39 -0.05	48.58 2.26 -18.22	25.86 1.82 0.00	26.30 1.52 -5.14	22.08 1.50 -1.48	20.36 1.20 0.00
BARRETT___1 23545	22.89 1.64 0.00	21.60 1.38 0.00	21.82 1.31 -0.43	19.36 1.13 -0.53	18.66 1.09 0.00	19.95 1.09 0.00	20.85 1.26 0.00	18.32 1.26 0.00	17.37 1.18 0.00	17.51 1.26 -0.03	18.21 1.30 0.00	18.23 1.35 0.00	19.72 1.39 0.00	19.17 1.24 0.00	18.66 1.34 0.00	18.53 1.45 0.00	20.51 1.64 0.00	28.50 2.36 0.00	30.55 2.39 -0.05	48.58 2.26 -18.22	25.86 1.82 0.00	26.30 1.52 -5.14	22.08 1.50 -1.48	20.36 1.20 0.00
BARRETT___2 23546	22.89 1.64 0.00	21.60 1.38 0.00	21.82 1.31 -0.43	19.36 1.13 -0.53	18.66 1.09 0.00	19.95 1.09 0.00	20.85 1.26 0.00	18.32 1.26 0.00	17.37 1.18 0.00	17.51 1.26 -0.03	18.21 1.30 0.00	18.23 1.35 0.00	19.72 1.39 0.00	19.17 1.24 0.00	18.66 1.34 0.00	18.53 1.45 0.00	20.51 1.64 0.00	28.50 2.36 0.00	30.55 2.39 -0.05	48.58 2.26 -18.22	25.86 1.82 0.00	26.30 1.52 -5.14	22.08 1.50 -1.48	20.36 1.20 0.00
BATAVIA___115KV_TB1 55881	21.60 0.35 0.00	20.68 0.46 0.00	20.44 0.31 -0.06	18.06 0.28 -0.07	17.97 0.39 0.00	19.32 0.46 0.00	20.26 0.66 0.00	17.42 0.36 0.00	16.61 0.42 0.00	16.50 0.28 0.00	17.14 0.22 0.00	17.09 0.21 0.00	18.82 0.48 0.00	18.12 0.19 0.00	17.50 0.18 0.00	17.10 0.02 0.00	18.82 -0.05 0.00	25.99 -0.14 0.00	28.09 -0.02 0.00	28.17 0.07 0.00	24.33 0.29 0.00	19.74 0.10 0.00	19.17 0.07 0.00	19.54 0.37 0.00
BAYONEEC___CTG1 323682	22.53 1.28 0.00	21.31 1.09 0.00	21.53 1.02 -0.43	19.09 0.86 -0.53	18.41 0.83 0.00	19.68 0.83 0.00	20.53 0.93 0.00	18.06 1.00 0.00	17.20 1.00 0.00	17.37 1.12 -0.03	18.05 1.14 0.00	18.06 1.18 0.00	19.60 1.27 0.00	19.22 1.29 0.00	18.69 1.38 0.00	18.52 1.44 0.00	20.44 1.56 0.00	28.27 2.13 0.00	30.24 2.14 0.00	30.08 1.99 0.00	25.67 1.63 0.00	20.89 1.26 0.00	20.24 1.14 0.00	20.02 0.86 0.00
BAYONEEC___CTG10 323750	22.53 1.28 0.00	21.31 1.09 0.00	21.53 1.02 -0.43	19.09 0.86 -0.53	18.41 0.83 0.00	19.68 0.83 0.00	20.53 0.93 0.00	18.06 1.00 0.00	17.20 1.00 0.00	17.37 1.12 -0.03	18.05 1.14 0.00	18.06 1.18 0.00	19.60 1.27 0.00	19.22 1.29 0.00	18.69 1.38 0.00	18.52 1.44 0.00	20.44 1.56 0.00	28.27 2.13 0.00	30.24 2.14 0.00	30.08 1.99 0.00	25.67 1.63 0.00	20.89 1.26 0.00	20.24 1.14 0.00	20.02 0.86 0.00
BAYONEEC___CTG2 323683	22.53 1.28 0.00	21.31 1.09 0.00	21.53 1.02 -0.43	19.09 0.86 -0.53	18.41 0.83 0.00	19.68 0.83 0.00	20.53 0.93 0.00	18.06 1.00 0.00	17.20 1.00 0.00	17.37 1.12 -0.03	18.05 1.14 0.00	18.06 1.18 0.00	19.60 1.27 0.00	19.22 1.29 0.00	18.69 1.38 0.00	18.52 1.44 0.00	20.44 1.56 0.00	28.27 2.13 0.00	30.24 2.14 0.00	30.08 1.99 0.00	25.67 1.63 0.00	20.89 1.26 0.00	20.24 1.14 0.00	20.02 0.86 0.00
BAYONEEC___CTG3 323684	22.53 1.28 0.00	21.31 1.09 0.00	21.53 1.02 -0.43	19.09 0.86 -0.53	18.41 0.83 0.00	19.68 0.83 0.00	20.53 0.93 0.00	18.06 1.00 0.00	17.20 1.00 0.00	17.37 1.12 -0.03	18.05 1.14 0.00	18.06 1.18 0.00	19.60 1.27 0.00	19.22 1.29 0.00	18.69 1.38 0.00	18.52 1.44 0.00	20.44 1.56 0.00	28.27 2.13 0.00	30.24 2.14 0.00	30.08 1.99 0.00	25.67 1.63 0.00	20.89 1.26 0.00	20.24 1.14 0.00	20.02 0.86 0.00
BAYONEEC___CTG4 323685	22.53 1.28 0.00	21.31 1.09 0.00	21.53 1.02 -0.43	19.09 0.86 -0.53	18.41 0.83 0.00	19.68 0.83 0.00	20.53 0.93 0.00	18.06 1.00 0.00	17.20 1.00 0.00	17.37 1.12 -0.03	18.05 1.14 0.00	18.06 1.18 0.00	19.60 1.27 0.00	19.22 1.29 0.00	18.69 1.38 0.00	18.52 1.44 0.00	20.44 1.56 0.00	28.27 2.13 0.00	30.24 2.14 0.00	30.08 1.99 0.00	25.67 1.63 0.00	20.89 1.26 0.00	20.24 1.14 0.00	20.02 0.86 0.00
BAYONEEC___CTG5 323686	22.53 1.28 0.00	21.31 1.09 0.00	21.53 1.02 -0.43	19.09 0.86 -0.53	18.41 0.83 0.00	19.68 0.83 0.00	20.53 0.93 0.00	18.06 1.00 0.00	17.20 1.00 0.00	17.37 1.12 -0.03	18.05 1.14 0.00	18.06 1.18 0.00	19.60 1.27 0.00	19.22 1.29 0.00	18.69 1.38 0.00	18.52 1.44 0.00	20.44 1.56 0.00	28.27 2.13 0.00	30.24 2.14 0.00	30.08 1.99 0.00	25.67 1.63 0.00	20.89 1.26 0.00	20.24 1.14 0.00	20.02 0.86 0.00
BAYONEEC___CTG6 323687	22.53 1.28 0.00	21.31 1.09 0.00	21.53 1.02 -0.43	19.09 0.86 -0.53	18.41 0.83 0.00	19.68 0.83 0.00	20.53 0.93 0.00	18.06 1.00 0.00	17.20 1.00 0.00	17.37 1.12 -0.03	18.05 1.14 0.00	18.06 1.18 0.00	19.60 1.27 0.00	19.22 1.29 0.00	18.69 1.38 0.00	18.52 1.44 0.00	20.44 1.56 0.00	28.27 2.13 0.00	30.24 2.14 0.00	30.08 1.99 0.00	25.67 1.63 0.00	20.89 1.26 0.00	20.24 1.14 0.00	20.02 0.86 0.00
BAYONEEC___CTG7 323688	22.53 1.28 0.00	21.31 1.09 0.00	21.53 1.02 -0.43	19.09 0.86 -0.53	18.41 0.83 0.00	19.68 0.83 0.00	20.53 0.93 0.00	18.06 1.00 0.00	17.20 1.00 0.00	17.37 1.12 -0.03	18.05 1.14 0.00	18.06 1.18 0.00	19.60 1.27 0.00	19.22 1.29 0.00	18.69 1.38 0.00	18.52 1.44 0.00	20.44 1.56 0.00	28.27 2.13 0.00	30.24 2.14 0.00	30.08 1.99 0.00	25.67 1.63 0.00	20.89 1.26 0.00	20.24 1.14 0.00	20.02 0.86 0.00
BAYONEEC___CTG8 323689	22.53 1.28 0.00	21.31 1.09 0.00	21.53 1.02 -0.43	19.09 0.86 -0.53	18.41 0.83 0.00	19.68 0.83 0.00	20.53 0.93 0.00	18.06 1.00 0.00	17.20 1.00 0.00	17.37 1.12 -0.03	18.05 1.14 0.00	18.06 1.18 0.00	19.60 1.27 0.00	19.22 1.29 0.00	18.69 1.38 0.00	18.52 1.44 0.00	20.44 1.56 0.00	28.27 2.13 0.00	30.24 2.14 0.00	30.08 1.99 0.00	25.67 1.63 0.00	20.89 1.26 0.00	20.24 1.14 0.00	20.02 0.86 0.00
BAYONEEC___CTG9 323749	22.53 1.28 0.00	21.31 1.09 0.00	21.53 1.02 -0.43	19.09 0.86 -0.53	18.41 0.83 0.00	19.68 0.83 0.00	20.53 0.93 0.00	18.06 1.00 0.00	17.20 1.00 0.00	17.37 1.12 -0.03	18.05 1.14 0.00	18.06 1.18 0.00	19.60 1.27 0.00	19.22 1.29 0.00	18.69 1.38 0.00	18.52 1.44 0.00	20.44 1.56 0.00	28.27 2.13 0.00	30.24 2.14 0.00	30.08 1.99 0.00	25.67 1.63 0.00	20.89 1.26 0.00	20.24 1.14 0.00	20.02 0.86 0.00

BEACON___LESR 323632	21.92 0.67 0.00	20.95 0.72 0.00	21.41 0.78 -0.55	19.03 0.65 -0.67	18.07 0.49 0.00	19.37 0.51 0.00	20.18 0.58 0.00	17.56 0.50 0.00	16.62 0.42 0.00	16.63 0.40 -0.01	17.23 0.32 0.00	17.18 0.30 0.00	18.70 0.37 0.00	18.32 0.39 0.00	17.81 0.49 0.00	17.57 0.48 0.00	19.47 0.60 0.00	27.10 0.97 0.00	29.20 1.09 0.00	29.17 1.07 0.00	24.91 0.87 0.00	20.25 0.62 0.00	19.67 0.57 0.00	19.54 0.38 0.00
BEAVER RIVER___HYD 24048	21.05 -0.20 0.00	20.01 -0.20 0.00	19.76 -0.33 -0.02	17.33 -0.39 -0.02	17.22 -0.35 0.00	18.68 -0.18 0.00	19.50 -0.09 0.00	16.95 -0.11 0.00	16.09 -0.11 0.00	15.98 -0.23 0.00	16.58 -0.34 0.00	16.51 -0.37 0.00	17.97 -0.36 0.00	17.52 -0.41 0.00	16.92 -0.40 0.00	16.68 -0.40 0.00	18.44 -0.43 0.00	25.67 -0.46 0.00	27.86 -0.25 0.00	28.06 -0.04 0.00	24.13 0.09 0.00	19.75 0.11 0.00	19.16 0.05 0.00	19.23 0.06 0.00
BEEBEE_GT_13 23619	21.32 0.07 0.00	20.34 0.12 0.00	20.16 0.03 -0.05	17.79 0.03 -0.06	17.66 0.08 0.00	18.98 0.12 0.00	19.85 0.25 0.00	17.15 0.09 0.00	16.38 0.18 0.00	16.36 0.14 0.00	17.04 0.12 0.00	17.01 0.13 0.00	18.42 0.09 0.00	17.97 0.04 0.00	17.31 0.00 0.00	17.07 -0.01 0.00	18.83 -0.04 0.00	26.01 -0.11 0.00	28.01 -0.09 0.00	27.99 -0.10 0.00	24.11 0.06 0.00	19.58 -0.06 0.00	19.01 -0.09 0.00	19.24 0.07 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.82 1.56 0.00	21.55 1.33 0.00	21.76 1.26 -0.43	19.29 1.06 -0.53	18.60 1.02 0.00	19.90 1.04 0.00	20.78 1.18 0.00	18.27 1.21 0.00	17.41 1.21 0.00	17.56 1.32 -0.03	18.26 1.35 0.00	18.28 1.40 0.00	19.85 1.52 0.00	19.47 1.54 0.00	18.95 1.63 0.00	18.78 1.70 0.00	78.58 1.84 -57.87	28.67 2.54 0.00	46.84 2.57 -16.16	30.52 2.40 -0.01	26.02 1.98 -0.01	21.19 1.56 0.00	20.50 1.39 0.00	20.27 1.11 0.00
BETHLEHEM___GRP 23843	21.61 0.36 0.00	20.71 0.50 0.00	21.17 0.54 -0.55	18.84 0.46 -0.67	17.86 0.28 0.00	19.13 0.27 0.00	19.87 0.27 0.00	17.32 0.26 0.00	16.42 0.22 0.00	16.41 0.19 -0.01	17.02 0.10 0.00	16.98 0.09 0.00	18.43 0.10 0.00	18.08 0.15 0.00	17.56 0.24 0.00	17.32 0.23 0.00	19.14 0.27 0.00	26.60 0.47 0.00	28.71 0.60 0.00	28.71 0.61 0.00	24.50 0.45 0.00	19.95 0.31 0.00	19.38 0.28 0.00	19.25 0.09 0.00
BETHLEHEM___GS1 323560	21.61 0.36 0.00	20.71 0.50 0.00	21.17 0.54 -0.55	18.84 0.46 -0.67	17.86 0.28 0.00	19.14 0.28 0.00	19.87 0.28 0.00	17.32 0.26 0.00	16.42 0.22 0.00	16.42 0.19 -0.01	17.02 0.10 0.00	16.98 0.09 0.00	18.43 0.10 0.00	18.08 0.15 0.00	17.56 0.24 0.00	17.32 0.23 0.00	19.14 0.27 0.00	26.60 0.47 0.00	28.71 0.60 0.00	28.71 0.61 0.00	24.49 0.45 0.00	19.94 0.31 0.00	19.39 0.28 0.00	19.26 0.09 0.00
BETHLEHEM___GS2 323561	21.61 0.36 0.00	20.71 0.50 0.00	21.17 0.54 -0.55	18.84 0.46 -0.67	17.86 0.28 0.00	19.14 0.28 0.00	19.87 0.28 0.00	17.32 0.26 0.00	16.42 0.22 0.00	16.42 0.19 -0.01	17.02 0.10 0.00	16.98 0.09 0.00	18.43 0.10 0.00	18.08 0.15 0.00	17.56 0.24 0.00	17.32 0.23 0.00	19.14 0.27 0.00	26.60 0.47 0.00	28.71 0.60 0.00	28.71 0.61 0.00	24.49 0.45 0.00	19.94 0.31 0.00	19.39 0.28 0.00	19.26 0.09 0.00
BETHLEHEM___GS3 323562	21.61 0.36 0.00	20.71 0.50 0.00	21.17 0.54 -0.55	18.84 0.46 -0.67	17.86 0.28 0.00	19.14 0.28 0.00	19.87 0.28 0.00	17.32 0.26 0.00	16.42 0.22 0.00	16.42 0.19 -0.01	17.02 0.10 0.00	16.98 0.09 0.00	18.43 0.10 0.00	18.08 0.15 0.00	17.56 0.24 0.00	17.32 0.23 0.00	19.14 0.27 0.00	26.60 0.47 0.00	28.71 0.60 0.00	28.71 0.61 0.00	24.49 0.45 0.00	19.94 0.31 0.00	19.39 0.28 0.00	19.26 0.09 0.00
BETHLEHEM___STEEL 23779	21.26 0.01 0.00	20.37 0.16 0.00	20.18 0.04 -0.07	17.83 0.04 -0.08	17.73 0.15 0.00	19.04 0.19 0.00	19.98 0.38 0.00	17.17 0.11 0.00	16.49 0.29 0.00	16.46 0.25 0.00	17.14 0.22 0.00	17.13 0.24 0.00	18.64 0.31 0.00	18.11 0.18 0.00	17.45 0.13 0.00	17.14 0.06 0.00	18.86 -0.01 0.00	26.00 -0.13 0.00	27.89 -0.22 0.00	27.84 -0.26 0.00	24.04 0.00 0.00	19.53 -0.11 0.00	18.97 -0.14 0.00	19.33 0.16 0.00
BETHLHEM_115KV_TB1 79974	21.67 0.42 0.00	20.74 0.52 0.00	21.19 0.57 -0.55	18.87 0.49 -0.67	17.91 0.33 0.00	19.18 0.33 0.00	19.93 0.33 0.00	17.37 0.31 0.00	16.46 0.26 0.00	16.46 0.24 -0.01	17.08 0.17 0.00	17.03 0.15 0.00	18.49 0.16 0.00	18.14 0.21 0.00	17.62 0.31 0.00	17.38 0.29 0.00	19.21 0.34 0.00	26.68 0.55 0.00	28.79 0.69 0.00	28.79 0.69 0.00	24.57 0.53 0.00	20.01 0.37 0.00	19.44 0.34 0.00	19.32 0.15 0.00
BETHPAGE_CC_5 323564	23.10 1.84 0.00	21.75 1.53 0.00	21.96 1.45 -0.43	19.46 1.23 -0.53	18.76 1.19 0.00	20.08 1.22 0.00	21.00 1.40 0.00	18.46 1.40 0.00	17.56 1.36 0.00	17.73 1.48 -0.03	18.35 1.44 0.00	18.36 1.48 0.00	19.81 1.48 0.00	19.37 1.44 0.00	18.86 1.54 0.00	18.75 1.67 0.00	20.78 1.91 0.00	28.89 2.76 0.00	31.00 2.84 -0.05	50.07 2.71 -19.26	26.69 2.18 -0.48	26.53 1.75 -5.14	22.26 1.67 -1.48	20.49 1.33 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.31 0.06 0.00	20.42 0.20 0.00	20.23 0.09 -0.07	17.86 0.08 -0.08	17.77 0.19 0.00	19.09 0.23 0.00	20.03 0.43 0.00	17.22 0.16 0.00	16.54 0.34 0.00	16.52 0.30 0.00	17.20 0.28 0.00	17.19 0.30 0.00	18.70 0.37 0.00	18.17 0.24 0.00	17.52 0.20 0.00	17.21 0.12 0.00	18.93 0.07 0.00	26.10 -0.03 0.00	28.00 -0.10 0.00	27.95 -0.15 0.00	24.13 0.09 0.00	19.59 -0.04 0.00	19.03 -0.07 0.00	19.38 0.22 0.00
BINGHAMTON___COGEN 23790	21.40 0.14 0.00	20.37 0.15 0.00	20.37 0.17 -0.13	17.98 0.12 -0.15	17.76 0.18 0.00	19.04 0.19 0.00	19.85 0.25 0.00	17.24 0.18 0.00	16.42 0.22 0.00	16.45 0.24 0.00	17.13 0.21 0.00	17.09 0.21 0.00	18.57 0.24 0.00	18.16 0.23 0.00	17.56 0.24 0.00	17.34 0.25 0.00	19.11 0.23 0.00	26.47 0.34 0.00	28.47 0.37 0.00	28.42 0.33 0.00	24.33 0.29 0.00	19.82 0.18 0.00	19.23 0.13 0.00	19.32 0.16 0.00
BIXINCNT_115KV_LOAD 355685	21.23 -0.02 0.00	20.42 0.20 0.00	20.32 0.18 -0.07	18.01 0.22 -0.09	17.91 0.34 0.00	19.22 0.36 0.00	20.15 0.55 0.00	17.38 0.32 0.00	16.71 0.51 0.00	16.67 0.46 0.00	17.39 0.48 0.00	17.39 0.51 0.00	18.88 0.55 0.00	18.39 0.46 0.00	17.72 0.40 0.00	17.41 0.32 0.00	19.10 0.23 0.00	26.38 0.24 0.00	28.30 0.19 0.00	28.22 0.12 0.00	24.33 0.28 0.00	19.77 0.13 0.00	19.24 0.14 0.00	19.55 0.39 0.00
BLACK RIVER___HYD 24047	21.29 0.04 0.00	20.25 0.03 0.00	19.99 -0.11 -0.02	17.50 -0.22 -0.03	17.40 -0.17 0.00	18.87 0.01 0.00	19.72 0.12 0.00	17.15 0.09 0.00	16.23 0.03 0.00	16.08 -0.14 0.00	16.61 -0.30 0.00	16.53 -0.35 0.00	17.98 -0.36 0.00	17.51 -0.42 0.00	16.91 -0.40 0.00	16.69 -0.39 0.00	18.43 -0.44 0.00	25.70 -0.43 0.00	27.98 -0.13 0.00	28.25 0.15 0.00	24.43 0.39 0.00	20.00 0.37 0.00	19.39 0.28 0.00	19.47 0.30 0.00

BLACKRVR_115KV_TB2 79977	21.30 0.04 0.00	20.25 0.03 0.00	19.99 -0.11 -0.02	17.50 -0.22 -0.03	17.40 -0.17 0.00	18.87 0.01 0.00	19.72 0.12 0.00	17.15 0.09 0.00	16.23 0.03 0.00	16.08 -0.14 0.00	16.61 -0.30 0.00	16.53 -0.35 0.00	17.98 -0.36 0.00	17.51 -0.42 0.00	16.91 -0.41 0.00	16.69 -0.39 0.00	18.43 -0.45 0.00	25.70 -0.43 0.00	27.98 -0.13 0.00	28.25 0.15 0.00	24.43 0.39 0.00	20.00 0.37 0.00	19.40 0.29 0.00	19.47 0.30 0.00
BLISS_WT_PWR 323608	21.18 -0.07 0.00	20.38 0.16 0.00	20.31 0.16 -0.07	18.01 0.22 -0.09	17.91 0.34 0.00	19.18 0.32 0.00	20.14 0.55 0.00	17.39 0.33 0.00	16.73 0.53 0.00	16.68 0.47 0.00	17.40 0.49 0.00	17.40 0.52 0.00	18.88 0.55 0.00	18.39 0.46 0.00	17.71 0.40 0.00	17.43 0.34 0.00	19.12 0.24 0.00	26.40 0.27 0.00	28.33 0.22 0.00	28.25 0.15 0.00	24.34 0.30 0.00	19.79 0.16 0.00	19.21 0.11 0.00	19.54 0.37 0.00
BLUESTONE___WT_PWR 323821	22.23 0.98 0.00	21.17 0.95 0.00	21.18 0.98 -0.13	18.68 0.82 -0.16	18.45 0.87 0.00	19.83 0.97 0.00	20.70 1.10 0.00	17.99 0.93 0.00	17.10 0.90 0.00	17.06 0.85 0.00	17.70 0.79 0.00	17.64 0.76 0.00	19.20 0.87 0.00	18.77 0.84 0.00	18.14 0.83 0.00	17.88 0.79 0.00	19.76 0.89 0.00	27.51 1.38 0.00	29.86 1.75 0.00	29.89 1.79 0.00	25.56 1.52 0.00	20.75 1.12 0.00	20.11 1.01 0.00	20.15 0.99 0.00
BLUE_CIRC_CHEM_DRP 24182	21.94 0.68 0.00	20.95 0.73 0.00	21.42 0.80 -0.54	19.07 0.70 -0.66	18.17 0.59 0.00	19.47 0.61 0.00	20.21 0.62 0.00	17.59 0.53 0.00	16.65 0.45 0.00	16.63 0.40 -0.01	17.26 0.35 0.00	17.21 0.33 0.00	18.70 0.36 0.00	18.34 0.41 0.00	17.80 0.49 0.00	17.54 0.45 0.00	19.39 0.52 0.00	26.95 0.82 0.00	29.11 1.00 0.00	29.12 1.03 0.00	24.87 0.83 0.00	20.25 0.62 0.00	19.68 0.58 0.00	19.59 0.42 0.00
BOC_GAS_DRP 24189	21.82 0.57 0.00	20.80 0.58 0.00	21.24 0.62 -0.55	18.92 0.54 -0.67	18.04 0.46 0.00	19.32 0.46 0.00	20.06 0.46 0.00	17.48 0.43 0.00	16.57 0.37 0.00	16.59 0.37 -0.01	17.24 0.33 0.00	17.20 0.32 0.00	18.68 0.35 0.00	18.31 0.38 0.00	17.77 0.45 0.00	17.53 0.45 0.00	19.37 0.50 0.00	26.88 0.75 0.00	28.98 0.87 0.00	28.96 0.86 0.00	24.72 0.68 0.00	20.15 0.52 0.00	19.58 0.48 0.00	19.48 0.32 0.00
BOONVLE_115KV_TB1 79983	21.50 0.25 0.00	20.46 0.25 0.00	20.27 0.17 -0.02	17.81 0.10 -0.02	17.70 0.12 0.00	19.08 0.22 0.00	19.88 0.28 0.00	17.33 0.27 0.00	16.43 0.23 0.00	16.35 0.13 0.00	16.99 0.08 0.00	16.94 0.06 0.00	18.47 0.14 0.00	18.03 0.10 0.00	17.44 0.12 0.00	17.15 0.07 0.00	18.96 0.09 0.00	26.39 0.26 0.00	28.56 0.46 0.00	28.67 0.57 0.00	24.54 0.50 0.00	20.02 0.39 0.00	19.46 0.36 0.00	19.53 0.37 0.00
BORALEX_4TH_BRANCH 23824	22.29 1.04 0.00	21.25 1.04 0.00	21.78 1.16 -0.55	19.36 0.99 -0.67	18.54 0.96 0.00	19.90 1.04 0.00	20.70 1.10 0.00	17.87 0.81 0.00	16.81 0.61 0.00	16.74 0.52 -0.01	17.40 0.49 0.00	17.31 0.43 0.00	18.79 0.46 0.00	18.42 0.49 0.00	17.94 0.62 0.00	17.56 0.47 0.00	19.42 0.55 0.00	27.04 0.91 0.00	29.39 1.28 0.00	29.60 1.50 0.00	25.23 1.19 0.00	20.51 0.88 0.00	19.98 0.88 0.00	19.85 0.69 0.00
BOWLINE___1 23526	22.28 1.02 0.00	21.07 0.85 0.00	21.33 0.84 -0.41	18.90 0.70 -0.51	18.24 0.67 0.00	19.52 0.67 0.00	20.36 0.76 0.00	17.88 0.81 0.00	17.00 0.80 0.00	17.07 0.90 0.04	17.83 0.92 0.00	17.83 0.96 0.00	19.35 1.02 0.00	18.99 1.06 0.00	18.46 1.14 0.00	18.29 1.21 0.00	20.18 1.30 0.00	27.96 1.83 0.00	29.98 1.87 0.00	29.82 1.73 0.00	25.41 1.37 0.00	20.69 1.05 0.00	20.05 0.94 0.00	19.86 0.69 0.00
BOWLINE___2 23595	22.28 1.02 0.00	21.07 0.85 0.00	21.33 0.84 -0.41	18.90 0.70 -0.51	18.24 0.67 0.00	19.52 0.67 0.00	20.36 0.76 0.00	17.88 0.82 0.00	17.00 0.80 0.00	17.07 0.90 0.04	17.83 0.92 0.00	17.83 0.96 0.00	19.36 1.02 0.00	18.99 1.06 0.00	18.46 1.14 0.00	18.29 1.21 0.00	20.18 1.30 0.00	27.96 1.83 0.00	29.98 1.87 0.00	29.82 1.73 0.00	25.41 1.37 0.00	20.69 1.05 0.00	20.05 0.95 0.00	19.86 0.69 0.00
BRADY___115KV_TB2 356060	20.97 -0.29 0.00	19.97 -0.24 0.00	19.79 -0.29 0.00	17.47 -0.23 0.00	17.36 -0.21 0.00	18.70 -0.16 0.00	19.48 -0.11 0.00	16.98 -0.09 0.00	16.04 -0.16 0.00	16.01 -0.20 0.00	16.77 -0.14 0.00	16.75 -0.13 0.00	18.24 -0.09 0.00	17.81 -0.12 0.00	17.14 -0.18 0.00	16.84 -0.24 0.00	18.65 -0.22 0.00	25.78 -0.35 0.00	27.70 -0.41 0.00	27.90 -0.20 0.00	23.95 -0.09 0.00	19.61 -0.02 0.00	19.09 -0.01 0.00	19.17 0.00 0.00
BRANSCOMB___SOLAR 323811	22.18 0.93 0.00	21.06 0.85 0.00	21.52 0.88 -0.57	19.14 0.74 -0.70	18.27 0.70 0.00	19.66 0.81 0.00	20.46 0.86 0.00	17.78 0.72 0.00	16.77 0.58 0.00	16.69 0.47 -0.01	17.35 0.44 0.00	17.29 0.41 0.00	18.78 0.44 0.00	18.42 0.49 0.00	17.94 0.62 0.00	17.68 0.59 0.00	19.58 0.71 0.00	27.30 1.17 0.00	29.59 1.49 0.00	29.59 1.50 0.00	25.28 1.24 0.00	20.57 0.94 0.00	19.95 0.85 0.00	19.80 0.63 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	23.43 2.18 0.00	22.03 1.81 0.00	22.23 1.73 -0.43	19.69 1.46 -0.53	18.99 1.42 0.00	20.28 1.42 0.00	21.30 1.71 0.00	18.76 1.71 0.00	17.88 1.69 0.00	18.04 1.79 -0.03	18.64 1.73 0.00	18.64 1.76 0.00	20.02 1.69 0.00	19.62 1.69 0.00	19.10 1.79 0.00	19.05 1.97 0.00	21.14 2.27 0.00	29.43 3.30 0.00	31.59 3.44 -0.05	62.09 3.31 -30.69	32.36 2.66 -5.65	26.94 2.17 -5.14	22.57 1.99 -1.48	20.79 1.63 0.00
BRISTLHL_115KV_TB1 79998	21.08 -0.17 0.00	20.07 -0.15 0.00	19.94 -0.17 -0.03	17.58 -0.16 -0.04	17.44 -0.13 0.00	18.70 -0.16 0.00	19.39 -0.21 0.00	16.83 -0.23 0.00	15.99 -0.20 0.00	15.99 -0.22 0.00	16.64 -0.27 0.00	16.61 -0.27 0.00	18.03 -0.31 0.00	17.62 -0.32 0.00	17.01 -0.30 0.00	16.79 -0.29 0.00	18.52 -0.34 0.00	25.66 -0.47 0.00	27.66 -0.45 0.00	27.65 -0.45 0.00	23.69 -0.35 0.00	19.31 -0.32 0.00	18.79 -0.31 0.00	18.97 -0.20 0.00
BROOKHAVEN___DRP 24191	23.48 2.23 0.00	22.04 1.82 0.00	22.25 1.74 -0.43	19.69 1.46 -0.53	19.00 1.43 0.00	20.27 1.42 0.00	21.35 1.75 0.00	18.86 1.80 0.00	17.99 1.79 0.00	18.15 1.90 -0.03	18.75 1.84 0.00	18.75 1.87 0.00	20.05 1.72 0.00	19.68 1.75 0.00	19.12 1.81 0.00	19.14 2.05 0.00	21.21 2.34 0.00	29.56 3.43 0.00	31.75 3.59 -0.05	109.23 3.48 -77.65	53.82 2.83 -26.95	27.08 2.31 -5.14	22.66 2.08 -1.48	20.82 1.65 0.00
BROOKLYN_NAVY_YARD 23515	22.52 1.27 0.00	21.29 1.07 0.00	21.51 1.00 -0.43	19.07 0.84 -0.53	18.39 0.82 0.00	19.67 0.81 0.00	20.51 0.91 0.00	18.04 0.98 0.00	17.17 0.97 0.00	17.34 1.09 -0.03	18.00 1.09 0.00	18.01 1.13 0.00	19.53 1.21 0.01	19.17 1.24 0.00	18.64 1.32 0.00	18.47 1.39 0.00	20.39 1.52 0.00	28.20 2.07 0.00	30.20 2.10 0.00	30.04 1.94 0.00	25.63 1.59 0.00	20.86 1.23 0.00	20.22 1.11 0.00	20.00 0.83 0.00

BROOKLYN___ARMY_DRP 323595	22.67 1.42 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.79 0.93 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.24 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.83 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.86 1.81 -0.01	21.06 1.43 0.00	20.37 1.27 0.00	20.15 0.98 0.00
BROOKVLE_69_KV_TB1 55790	22.92 1.67 0.00	21.64 1.42 0.00	21.85 1.35 -0.43	19.37 1.14 -0.53	18.68 1.10 0.00	19.95 1.10 0.00	20.88 1.28 0.00	18.34 1.28 0.00	17.39 1.20 0.00	17.57 1.32 -0.03	18.31 1.39 0.00	18.32 1.44 0.00	19.85 1.52 0.00	19.44 1.51 0.00	18.92 1.61 0.00	18.78 1.69 0.00	20.73 1.86 0.00	28.72 2.59 0.00	30.81 2.65 -0.05	48.87 2.56 -18.22	26.13 2.09 0.00	26.43 1.66 -5.14	22.09 1.50 -1.48	20.37 1.20 0.00
BROOME_2_LFGE 323671	21.40 0.14 0.00	20.37 0.15 0.00	20.37 0.17 -0.13	17.98 0.12 -0.15	17.76 0.18 0.00	19.03 0.17 0.00	19.84 0.25 0.00	17.24 0.18 0.00	16.42 0.22 0.00	16.45 0.23 0.00	17.13 0.21 0.00	17.09 0.22 0.00	18.57 0.24 0.00	18.16 0.23 0.00	17.56 0.24 0.00	17.34 0.25 0.00	19.10 0.23 0.00	26.47 0.34 0.00	28.47 0.37 0.00	28.43 0.33 0.00	24.33 0.29 0.00	19.82 0.18 0.00	19.23 0.12 0.00	19.32 0.15 0.00
BROOME___LFGE 323600	21.40 0.14 0.00	20.37 0.15 0.00	20.37 0.17 -0.13	17.98 0.12 -0.15	17.76 0.18 0.00	19.03 0.17 0.00	19.84 0.25 0.00	17.24 0.18 0.00	16.42 0.22 0.00	16.45 0.23 0.00	17.13 0.21 0.00	17.09 0.22 0.00	18.57 0.24 0.00	18.16 0.23 0.00	17.56 0.24 0.00	17.34 0.25 0.00	19.10 0.23 0.00	26.47 0.34 0.00	28.47 0.37 0.00	28.43 0.33 0.00	24.33 0.29 0.00	19.82 0.18 0.00	19.23 0.12 0.00	19.32 0.15 0.00
BROWNFLS_115KV_TB_3_5 80003	20.71 -0.54 0.00	19.70 -0.52 0.00	19.48 -0.61 -0.01	17.13 -0.58 -0.01	17.02 -0.55 0.00	18.41 -0.45 0.00	19.22 -0.38 0.00	16.73 -0.33 0.00	15.86 -0.34 0.00	15.77 -0.44 0.00	16.42 -0.49 0.00	16.38 -0.50 0.00	17.81 -0.53 0.00	17.38 -0.56 0.00	16.75 -0.57 0.00	16.51 -0.57 0.00	18.27 -0.60 0.00	25.36 -0.77 0.00	27.41 -0.69 0.00	27.59 -0.51 0.00	23.70 -0.34 0.00	19.42 -0.21 0.00	18.87 -0.23 0.00	18.93 -0.24 0.00
BROWNSV1_27_KV_LOAD 356125	22.79 1.53 0.00	21.54 1.32 0.00	21.75 1.25 -0.43	19.28 1.05 -0.53	18.59 1.02 0.00	19.88 1.02 0.00	20.76 1.16 0.00	18.26 1.20 0.00	17.38 1.19 0.00	17.56 1.32 -0.03	18.25 1.34 0.00	18.26 1.38 0.00	19.82 1.49 0.00	19.44 1.51 0.00	18.91 1.60 0.00	18.75 1.66 0.00	20.68 1.81 0.00	28.61 2.48 0.00	30.62 2.51 0.00	30.45 2.36 0.00	25.98 1.93 0.00	21.14 1.50 0.00	20.46 1.36 0.00	20.24 1.07 0.00
BURROWS___LYONSDAL 23803	21.39 0.13 0.00	20.35 0.13 0.00	20.13 0.04 -0.02	17.69 -0.03 -0.02	17.57 0.00 0.00	18.98 0.12 0.00	19.79 0.19 0.00	17.32 0.26 0.00	16.38 0.19 0.00	16.26 0.05 0.00	16.89 -0.02 0.00	16.84 -0.04 0.00	18.36 0.03 0.00	17.92 -0.02 0.00	17.32 0.01 0.00	17.05 -0.03 0.00	18.84 -0.03 0.00	26.23 0.09 0.00	28.41 0.30 0.00	28.53 0.44 0.00	24.44 0.40 0.00	19.95 0.32 0.00	19.39 0.29 0.00	19.46 0.30 0.00
CAITHNESS_CC_1 323624	23.42 2.16 0.00	21.96 1.75 0.00	22.18 1.67 -0.43	19.63 1.40 -0.53	18.94 1.36 0.00	20.30 1.44 0.00	21.30 1.71 0.00	18.79 1.73 0.00	17.91 1.72 0.00	18.07 1.82 -0.03	18.67 1.76 0.00	18.67 1.79 0.00	19.98 1.65 0.00	19.61 1.68 0.00	19.05 1.73 0.00	19.05 1.96 0.00	21.12 2.25 0.00	29.42 3.29 -0.01	31.58 3.43 -0.05	108.73 3.32 -77.31	53.53 2.70 -26.79	26.98 2.20 -5.15	22.63 2.04 -1.48	20.76 1.59 0.00
CALPINE BETH_PAGE_GT4 24209	23.05 1.79 0.00	21.72 1.50 0.00	21.93 1.42 -0.43	19.43 1.20 -0.53	18.74 1.16 0.00	19.99 1.14 0.00	20.92 1.32 0.00	18.40 1.34 0.00	17.50 1.31 0.00	17.67 1.42 -0.03	18.30 1.39 0.00	18.31 1.43 0.00	19.76 1.43 0.00	19.29 1.35 0.00	18.79 1.47 0.00	18.68 1.59 0.00	20.69 1.81 0.00	28.76 2.63 0.00	30.85 2.70 -0.05	49.65 2.56 -19.00	26.45 2.06 -0.35	26.44 1.67 -5.14	22.17 1.59 -1.48	20.43 1.26 0.00
CALPINE_BETH_PAGE_GT_4 323586	23.06 1.80 0.00	21.72 1.50 0.00	21.92 1.42 -0.43	19.43 1.20 -0.53	18.74 1.16 0.00	20.03 1.18 0.00	20.93 1.34 0.00	18.40 1.34 0.00	17.51 1.31 0.00	17.67 1.42 -0.03	18.30 1.38 0.00	18.31 1.43 0.00	19.76 1.43 0.00	19.29 1.36 0.00	18.79 1.47 0.00	18.67 1.59 0.00	20.68 1.81 0.00	28.76 2.63 0.00	30.85 2.70 -0.05	49.66 2.56 -19.00	26.45 2.06 -0.35	26.44 1.66 -5.14	22.20 1.61 -1.48	20.43 1.27 0.00
CALPINE_BP_GT1 23823	23.06 1.80 0.00	21.72 1.50 0.00	21.92 1.42 -0.43	19.43 1.20 -0.53	18.74 1.16 0.00	20.03 1.18 0.00	20.93 1.34 0.00	18.40 1.34 0.00	17.51 1.31 0.00	17.67 1.42 -0.03	18.30 1.38 0.00	18.31 1.43 0.00	19.76 1.43 0.00	19.29 1.36 0.00	18.79 1.47 0.00	18.67 1.59 0.00	20.68 1.81 0.00	28.76 2.63 0.00	30.85 2.70 -0.05	49.66 2.56 -19.00	26.45 2.06 -0.35	26.44 1.66 -5.14	22.20 1.61 -1.48	20.43 1.27 0.00
CALSPAN___DRP 24200	21.26 0.01 0.00	20.37 0.16 0.00	20.18 0.04 -0.07	17.83 0.04 -0.08	17.73 0.15 0.00	19.04 0.19 0.00	19.98 0.38 0.00	17.17 0.11 0.00	16.49 0.29 0.00	16.46 0.25 0.00	17.14 0.22 0.00	17.13 0.24 0.00	18.64 0.31 0.00	18.11 0.18 0.00	17.45 0.13 0.00	17.14 0.06 0.00	18.86 -0.01 0.00	26.00 -0.13 0.00	27.89 -0.22 0.00	27.84 -0.26 0.00	24.04 0.00 0.00	19.53 -0.11 0.00	18.97 -0.14 0.00	19.33 0.16 0.00
CALVERTON___SOLAR 323806	23.63 2.37 0.00	22.13 1.91 0.00	22.34 1.83 -0.43	19.77 1.54 -0.53	19.07 1.50 0.00	20.46 1.61 0.00	21.49 1.90 0.00	18.96 1.90 0.00	18.08 1.89 0.00	18.25 2.00 -0.03	18.86 1.94 0.00	18.85 1.97 0.00	20.14 1.81 0.00	19.78 1.85 0.00	19.21 1.89 0.00	19.25 2.17 0.00	21.34 2.46 0.00	29.75 3.62 -0.01	31.96 3.80 -0.05	109.60 3.70 -77.81	54.07 3.01 -27.01	27.21 2.44 -5.15	22.83 2.25 -1.48	20.93 1.77 0.00
CANDIGU_WT_PWR 323617	20.95 -0.30 0.00	20.09 -0.13 0.00	20.15 -0.01 -0.09	17.81 0.00 -0.11	17.71 0.13 0.00	18.96 0.10 0.00	19.84 0.24 0.00	17.16 0.10 0.00	16.42 0.22 0.00	16.40 0.18 0.00	17.07 0.16 0.00	17.04 0.16 0.00	18.54 0.20 0.00	18.08 0.14 0.00	17.45 0.14 0.00	17.21 0.12 0.00	18.93 0.06 0.00	26.20 0.07 0.00	28.20 0.10 0.00	28.18 0.08 0.00	24.22 0.18 0.00	19.72 0.09 0.00	19.10 0.00 0.00	19.32 0.15 0.00
CARR STREET_E_SYR 24060	21.19 -0.07 0.00	20.16 -0.06 0.00	20.04 -0.07 -0.04	17.67 -0.07 -0.05	17.53 -0.05 0.00	18.79 -0.07 0.00	19.52 -0.08 0.00	16.93 -0.13 0.00	16.11 -0.08 0.00	16.12 -0.09 0.00	16.79 -0.13 0.00	16.75 -0.13 0.00	18.19 -0.14 0.00	17.77 -0.16 0.00	17.17 -0.15 0.00	16.94 -0.14 0.00	18.68 -0.19 0.00	25.89 -0.24 0.00	27.88 -0.23 0.00	27.85 -0.24 0.00	23.86 -0.18 0.00	19.44 -0.20 0.00	18.89 -0.21 0.00	19.05 -0.11 0.00

CARTHAGE___PAPER 23857	21.25 0.00 0.00	20.22 0.00 0.00	19.96 -0.14 -0.02	17.49 -0.23 -0.02	17.39 -0.19 0.00	18.86 0.00 0.00	19.70 0.10 0.00	17.13 0.07 0.00	16.22 0.02 0.00	16.08 -0.14 0.00	16.64 -0.27 0.00	16.56 -0.32 0.00	18.02 -0.31 0.00	17.57 -0.36 0.00	16.96 -0.35 0.00	16.73 -0.35 0.00	18.48 -0.39 0.00	25.78 -0.35 0.00	28.04 -0.07 0.00	28.30 0.20 0.00	24.40 0.36 0.00	19.97 0.33 0.00	19.36 0.26 0.00	19.43 0.27 0.00
CASSADAGA_WT_PWR 323784	21.15 -0.11 0.00	20.24 0.03 0.00	20.17 0.03 -0.07	17.79 0.00 -0.09	17.71 0.13 0.00	19.04 0.18 0.00	20.03 0.43 0.00	17.22 0.16 0.00	16.63 0.44 0.00	16.89 0.67 0.00	17.65 0.74 0.00	17.67 0.79 0.00	19.21 0.88 0.00	18.74 0.81 0.00	18.07 0.75 0.00	17.76 0.68 0.00	19.55 0.68 0.00	26.91 0.78 0.00	28.86 0.75 0.00	28.76 0.66 0.00	24.69 0.65 0.00	20.04 0.41 0.00	19.41 0.30 0.00	19.78 0.62 0.00
CE_DUNWOOD___DRP 24194	22.44 1.19 0.00	21.23 1.01 0.00	21.48 0.97 -0.43	19.04 0.82 -0.52	18.36 0.79 0.00	19.64 0.78 0.00	20.50 0.90 0.00	18.01 0.95 0.00	17.12 0.92 0.00	17.27 1.02 -0.03	17.95 1.04 0.00	17.95 1.07 0.00	19.48 1.15 0.00	19.10 1.17 0.00	18.58 1.26 0.00	18.40 1.32 0.00	20.31 1.44 0.00	28.14 2.01 0.00	30.16 2.05 0.00	30.01 1.91 0.00	25.59 1.55 0.00	20.83 1.20 0.00	20.18 1.08 0.00	19.98 0.81 0.00
CE_MILLWOOD___DRP 24193	22.40 1.14 0.00	21.19 0.97 0.00	21.44 0.94 -0.42	19.01 0.79 -0.52	18.33 0.75 0.00	19.61 0.75 0.00	20.46 0.86 0.00	17.97 0.91 0.00	17.08 0.89 0.00	17.23 0.98 -0.03	17.91 0.99 0.00	17.91 1.03 0.00	19.43 1.10 0.00	19.05 1.12 0.00	18.53 1.21 0.00	18.36 1.27 0.00	20.26 1.39 0.00	28.07 1.94 0.00	30.10 1.99 0.00	29.95 1.85 0.00	25.54 1.50 0.00	20.78 1.15 0.00	20.14 1.04 0.00	19.94 0.78 0.00
CE_NYC2_DRP 24202	22.57 1.32 0.00	21.34 1.12 0.00	21.56 1.06 -0.43	19.12 0.89 -0.53	18.44 0.86 0.00	19.71 0.86 0.00	20.59 0.99 0.00	18.11 1.05 0.00	17.25 1.05 0.00	17.40 1.16 -0.03	18.08 1.17 0.00	18.09 1.21 0.00	19.64 1.31 0.00	19.26 1.33 0.00	18.74 1.42 0.00	18.57 1.49 0.00	20.49 1.62 0.00	28.35 2.22 0.00	30.34 2.24 0.00	30.17 2.07 0.00	25.72 1.68 0.00	20.95 1.31 0.00	20.27 1.17 0.00	20.05 0.88 0.00
CE_NYC_DRP 24195	22.57 1.31 0.00	21.33 1.11 0.00	21.56 1.05 -0.43	19.11 0.89 -0.53	18.43 0.86 0.00	19.70 0.84 0.00	20.56 0.96 0.00	18.09 1.03 0.00	17.23 1.03 0.00	17.40 1.16 -0.03	18.08 1.17 0.00	18.09 1.21 0.00	19.64 1.30 0.00	19.26 1.33 0.00	18.73 1.41 0.00	18.56 1.48 0.00	20.48 1.61 0.00	28.33 2.20 0.00	30.32 2.22 0.00	30.15 2.05 0.00	25.72 1.68 0.00	20.93 1.30 0.00	20.27 1.17 0.00	20.05 0.89 0.00
CHAFFEE___LFGE 323603	21.28 0.02 0.00	20.37 0.15 0.00	20.18 0.03 -0.07	17.82 0.03 -0.08	17.71 0.14 0.00	18.99 0.13 0.00	19.97 0.38 0.00	17.19 0.13 0.00	16.51 0.32 0.00	16.49 0.27 0.00	17.16 0.25 0.00	17.15 0.27 0.00	18.67 0.34 0.00	18.14 0.21 0.00	17.48 0.17 0.00	17.19 0.10 0.00	18.92 0.05 0.00	26.08 -0.05 0.00	27.98 -0.13 0.00	27.93 -0.17 0.00	24.11 0.07 0.00	19.59 -0.04 0.00	18.98 -0.12 0.00	19.32 0.15 0.00
CHATEAUG_35_KV_LOAD 355732	21.00 -0.26 0.00	19.96 -0.26 0.00	19.85 -0.22 0.00	17.55 -0.16 0.00	17.50 -0.08 0.00	18.84 -0.02 0.00	19.65 0.05 0.00	17.15 0.09 0.00	16.25 0.06 0.00	16.25 0.03 0.00	16.98 0.07 0.00	16.95 0.07 0.00	18.44 0.11 0.00	18.03 0.10 0.00	17.36 0.04 0.00	17.06 -0.02 0.00	18.88 0.02 0.00	26.15 0.02 0.00	28.12 0.02 0.00	28.22 0.01 0.00	24.17 0.13 0.00	19.75 0.12 0.00	19.19 0.09 0.00	19.25 0.09 0.00
CHATEAUG_WT_PWR 323614	21.00 -0.25 0.00	19.96 -0.26 0.00	19.86 -0.22 0.00	17.54 -0.16 0.00	17.50 -0.07 0.00	18.86 0.00 0.00	19.67 0.07 0.00	17.16 0.10 0.00	16.27 0.07 0.00	16.28 0.06 0.00	17.01 0.10 0.00	16.97 0.09 0.00	18.47 0.13 0.00	18.06 0.14 0.00	17.39 0.08 0.00	17.11 0.02 0.00	18.93 0.06 0.00	26.18 0.05 0.00	28.17 0.07 0.00	28.26 0.16 0.00	24.18 0.13 0.00	19.74 0.11 0.00	19.19 0.09 0.00	19.24 0.08 0.00
CHAT_HIGH_FALL_HYD 323578	21.00 -0.25 0.00	19.96 -0.26 0.00	19.85 -0.22 0.00	17.55 -0.15 0.00	17.50 -0.08 0.00	18.84 -0.01 0.00	19.65 0.06 0.00	17.15 0.09 0.00	16.25 0.06 0.00	16.25 0.03 0.00	16.98 0.07 0.00	16.95 0.07 0.00	18.44 0.11 0.00	18.04 0.10 0.00	17.36 0.04 0.00	17.06 -0.02 0.00	18.88 0.02 0.00	26.15 0.02 0.00	28.12 0.01 0.00	28.23 0.13 0.00	24.17 0.13 0.00	19.75 0.12 0.00	19.20 0.10 0.00	19.26 0.09 0.00
CHAUTAUQUA___LFGE 323629	21.28 0.02 0.00	20.37 0.16 0.00	20.28 0.13 -0.07	17.88 0.09 -0.08	17.80 0.22 0.00	19.09 0.23 0.00	20.08 0.48 0.00	17.26 0.20 0.00	16.63 0.43 0.00	16.73 0.51 0.00	17.42 0.50 0.00	17.43 0.55 0.00	18.95 0.62 0.00	18.46 0.53 0.00	17.80 0.49 0.00	17.52 0.43 0.00	19.27 0.40 0.00	26.53 0.40 0.00	28.45 0.35 0.00	28.37 0.27 0.00	24.41 0.36 0.00	19.83 0.20 0.00	19.19 0.09 0.00	19.54 0.38 0.00
CHERRYST_13_KV_LD 356241	22.63 1.37 0.00	21.39 1.17 0.00	21.61 1.11 -0.43	19.17 0.94 -0.53	18.49 0.91 0.00	19.76 0.90 0.00	20.63 1.03 0.00	18.15 1.09 0.00	17.29 1.10 0.00	17.47 1.23 -0.03	18.16 1.24 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.41 0.00	18.81 1.49 0.00	18.64 1.55 0.00	20.57 1.70 0.00	28.44 2.31 0.00	30.43 2.33 0.00	30.24 2.15 0.00	25.79 1.75 0.00	20.99 1.36 0.00	20.33 1.22 0.00	20.11 0.94 0.00
CHESTROR_138KV_BK263 355645	22.17 0.91 0.00	20.99 0.77 0.00	21.22 0.76 -0.39	18.81 0.63 -0.48	18.18 0.60 0.00	19.46 0.60 0.00	20.29 0.70 0.00	17.79 0.73 0.00	16.91 0.71 0.00	16.97 0.78 0.03	17.69 0.78 0.00	17.69 0.81 0.00	19.19 0.86 0.00	18.82 0.88 0.00	18.29 0.97 0.00	18.11 1.02 0.00	19.99 1.11 0.00	27.72 1.59 0.00	29.76 1.65 0.00	29.62 1.53 0.00	25.27 1.24 0.00	20.58 0.95 0.00	19.94 0.84 0.00	19.79 0.62 0.00
CH_MIDHUDSON___DRP 24192	22.41 1.16 0.00	21.22 1.00 0.00	21.49 0.97 -0.44	19.07 0.83 -0.54	18.37 0.80 0.00	19.66 0.81 0.00	20.50 0.91 0.00	17.98 0.93 0.00	17.08 0.88 0.00	17.15 0.93 -0.01	17.85 0.94 0.00	17.83 0.95 0.00	19.36 1.03 0.00	18.98 1.05 0.00	18.46 1.14 0.00	18.27 1.18 0.00	20.17 1.30 0.00	27.97 1.84 0.00	30.06 1.95 0.00	29.93 1.84 0.00	25.53 1.49 0.00	20.78 1.15 0.00	20.14 1.04 0.00	19.96 0.79 0.00
CH_MISC_IPPS 23765	22.52 1.27 0.00	21.32 1.10 0.00	21.57 1.06 -0.43	19.13 0.90 -0.53	18.45 0.87 0.00	19.76 0.90 0.00	20.60 1.00 0.00	18.07 1.01 0.00	17.16 0.97 0.00	17.24 1.02 0.00	17.95 1.04 0.00	17.94 1.06 0.00	19.47 1.14 0.00	19.09 1.16 0.00	18.57 1.25 0.00	18.38 1.30 0.00	20.30 1.43 0.00	28.16 2.03 0.00	30.25 2.15 0.00	30.12 2.02 0.00	25.68 1.64 0.00	20.90 1.26 0.00	20.25 1.15 0.00	20.06 0.90 0.00

CH_RES_BVR_FALLS 23983	21.01 -0.24 0.00	20.00 -0.22 0.00	19.84 -0.23 0.00	17.51 -0.19 0.00	17.39 -0.19 0.00	18.68 -0.18 0.00	19.44 -0.16 0.00	16.94 -0.12 0.00	16.07 -0.12 0.00	16.09 -0.12 0.00	16.81 -0.10 0.00	16.78 -0.10 0.00	18.23 -0.10 0.00	17.82 -0.11 0.00	17.17 -0.15 0.00	16.93 -0.15 0.00	18.72 -0.15 0.00	25.89 -0.24 0.00	27.80 -0.30 0.00	27.83 -0.26 0.00	23.84 -0.20 0.00	19.51 -0.12 0.00	18.99 -0.11 0.00	19.07 -0.10 0.00
CH_RES_NIAGARA 23895	20.77 -0.48 0.00	19.92 -0.29 0.00	19.69 -0.45 -0.06	17.41 -0.37 -0.08	17.30 -0.27 0.00	18.52 -0.33 0.00	19.46 -0.13 0.00	16.70 -0.36 0.00	16.02 -0.17 0.00	15.97 -0.25 0.00	16.61 -0.30 0.00	16.59 -0.29 0.00	18.04 -0.30 0.00	17.43 -0.51 0.00	16.77 -0.54 0.00	16.46 -0.62 0.00	18.12 -0.75 0.00	24.91 -1.22 0.00	26.71 -1.40 0.00	26.69 -1.41 0.00	23.11 -0.93 0.00	18.79 -0.85 0.00	18.23 -0.87 0.00	18.74 -0.42 0.00
CH_RES_SYRACUSE 23985	21.30 0.04 0.00	20.27 0.05 0.00	20.17 0.05 -0.04	17.80 0.05 -0.05	17.64 0.07 0.00	18.90 0.05 0.00	19.64 0.04 0.00	17.04 -0.02 0.00	16.20 0.00 0.00	16.21 0.00 0.00	16.87 -0.04 0.00	16.83 -0.05 0.00	18.31 -0.02 0.00	17.87 -0.06 0.00	17.27 -0.05 0.00	17.03 -0.06 0.00	18.79 -0.08 0.00	26.04 -0.09 0.00	28.04 -0.07 0.00	28.03 -0.06 0.00	24.01 -0.03 0.00	19.56 -0.07 0.00	19.01 -0.09 0.00	19.17 0.00 0.00
CLINTON_WT_PWR 323605	21.00 -0.25 0.00	19.96 -0.26 0.00	19.86 -0.22 0.00	17.54 -0.16 0.00	17.50 -0.07 0.00	18.86 0.00 0.00	19.67 0.07 0.00	17.16 0.10 0.00	16.27 0.07 0.00	16.28 0.06 0.00	17.01 0.10 0.00	16.97 0.09 0.00	18.47 0.13 0.00	18.06 0.14 0.00	17.39 0.08 0.00	17.11 0.02 0.00	18.93 0.06 0.00	26.18 0.05 0.00	28.17 0.07 0.00	28.26 0.16 0.00	24.18 0.13 0.00	19.74 0.11 0.00	19.19 0.09 0.00	19.24 0.08 0.00
CLINTON___LFGE 323618	21.23 -0.02 0.00	20.16 -0.06 0.00	20.03 -0.04 0.00	17.69 -0.02 0.00	17.66 0.08 0.00	19.04 0.19 0.00	19.89 0.30 0.00	17.36 0.30 0.00	16.45 0.25 0.00	16.44 0.22 0.00	17.17 0.26 0.00	17.13 0.25 0.00	18.64 0.31 0.00	18.25 0.31 0.00	17.59 0.27 0.00	17.30 0.21 0.00	19.16 0.29 0.00	26.54 0.41 0.00	28.59 0.49 0.00	28.67 0.57 0.00	24.51 0.46 0.00	19.98 0.34 0.00	19.42 0.32 0.00	19.46 0.29 0.00
COBBLENY_34_KV_TB1 80064	21.29 0.03 0.00	20.37 0.15 0.00	20.18 0.03 -0.07	17.82 0.03 -0.08	17.71 0.14 0.00	19.03 0.18 0.00	19.99 0.39 0.00	17.19 0.13 0.00	16.51 0.32 0.00	16.49 0.27 0.00	17.16 0.25 0.00	17.15 0.27 0.00	18.67 0.34 0.00	18.14 0.21 0.00	17.48 0.16 0.00	17.18 0.10 0.00	18.91 0.04 0.00	26.08 -0.05 0.00	27.98 -0.13 0.00	27.93 0.00 0.00	24.11 0.07 0.00	19.59 -0.05 0.00	19.01 -0.09 0.00	19.33 0.17 0.00
COFFEEN___115KV_TB3 355620	21.44 0.18 0.00	20.39 0.17 0.00	20.13 0.03 -0.02	17.63 -0.10 -0.03	17.53 -0.05 0.00	19.00 0.15 0.00	19.86 0.26 0.00	17.26 0.20 0.00	16.31 0.11 0.00	16.14 -0.08 0.00	16.65 -0.26 0.00	16.56 -0.32 0.00	18.01 -0.32 0.00	17.55 -0.39 0.00	16.94 -0.37 0.00	16.71 -0.37 0.00	18.45 -0.42 0.00	25.75 -0.38 0.00	28.05 -0.06 0.00	28.38 0.29 0.00	24.64 0.60 0.00	20.16 0.53 0.00	19.54 0.43 0.00	19.61 0.44 0.00
COLDSPRG_115KV_BK1 355956	21.59 0.34 0.00	20.67 0.46 0.00	20.59 0.44 -0.07	18.15 0.36 -0.09	18.06 0.49 0.00	19.44 0.59 0.00	20.45 0.85 0.00	17.63 0.57 0.00	16.99 0.79 0.00	17.14 0.92 0.00	17.84 0.93 0.00	17.84 0.96 0.00	19.38 1.05 0.00	18.90 0.97 0.00	18.23 0.91 0.00	17.92 0.84 0.00	19.69 0.81 0.00	27.13 1.00 0.00	29.09 0.98 0.00	28.96 0.87 0.00	24.90 0.86 0.00	20.21 0.58 0.00	19.61 0.52 0.00	19.90 0.73 0.00
COLONIE_LFGE___ 323577	22.05 0.79 0.00	21.00 0.78 0.00	21.47 0.83 -0.56	19.11 0.72 -0.69	18.23 0.66 0.00	19.57 0.71 0.00	20.34 0.74 0.00	17.67 0.61 0.00	16.69 0.49 0.00	16.66 0.44 -0.01	17.32 0.41 0.00	17.26 0.38 0.00	18.74 0.41 0.00	18.38 0.45 0.00	17.87 0.55 0.00	17.59 0.50 0.00	19.45 0.58 0.00	27.05 0.92 0.00	29.28 1.18 0.00	29.32 1.22 0.00	25.02 0.98 0.00	20.36 0.73 0.00	19.80 0.70 0.00	19.67 0.51 0.00
COOPERNY_115KV_TB1 80082	21.91 0.66 0.00	20.77 0.55 0.00	20.92 0.55 -0.29	18.52 0.47 -0.36	18.03 0.45 0.00	19.31 0.45 0.00	20.11 0.51 0.00	17.59 0.53 0.00	16.72 0.52 0.00	16.78 0.58 0.01	17.49 0.58 0.00	17.48 0.60 0.00	18.97 0.63 0.00	18.58 0.65 0.00	18.03 0.72 0.00	17.84 0.75 0.00	19.68 0.81 0.00	27.28 1.15 0.00	29.32 1.21 0.00	29.21 1.11 0.00	24.94 0.90 0.00	20.32 0.68 0.00	19.72 0.61 0.00	19.61 0.45 0.00
COPENHAGEN_WT_PWR 323753	21.21 -0.04 0.00	20.18 -0.04 0.00	19.92 -0.18 -0.02	17.42 -0.31 -0.03	17.32 -0.26 0.00	18.78 -0.07 0.00	19.63 0.03 0.00	17.08 0.02 0.00	16.18 -0.02 0.00	16.05 -0.17 0.00	16.60 -0.32 0.00	16.51 -0.36 0.00	17.97 -0.37 0.00	17.49 -0.44 0.00	16.90 -0.42 0.00	16.69 -0.39 0.00	18.41 -0.47 0.00	25.67 -0.46 0.00	27.93 -0.18 0.00	28.16 0.07 0.00	24.32 0.27 0.00	19.93 0.29 0.00	19.32 0.22 0.00	19.41 0.24 0.00
CORNELL_____ 23752	21.66 0.41 0.00	20.61 0.39 0.00	20.56 0.40 -0.09	18.14 0.33 -0.11	17.94 0.37 0.00	19.26 0.40 0.00	20.07 0.47 0.00	17.43 0.37 0.00	16.55 0.35 0.00	16.52 0.30 0.00	17.14 0.23 0.00	17.09 0.21 0.00	18.56 0.23 0.00	18.12 0.19 0.00	17.52 0.20 0.00	17.29 0.20 0.00	19.11 0.23 0.00	26.56 0.43 0.00	28.72 0.61 0.00	28.78 0.68 0.00	24.65 0.60 0.00	20.06 0.42 0.00	19.46 0.35 0.00	19.55 0.38 0.00
CORONAAV_69_KV_TB1 355595	22.95 1.70 0.00	21.69 1.48 0.00	21.91 1.40 -0.43	19.42 1.20 -0.53	18.72 1.15 0.00	19.99 1.13 0.00	20.91 1.31 0.00	18.37 1.31 0.00	17.46 1.26 0.00	17.60 1.36 -0.03	18.29 1.38 0.00	18.31 1.43 0.00	19.82 1.49 0.00	19.36 1.43 0.00	18.85 1.53 0.00	18.70 1.62 0.00	20.71 1.84 0.00	28.76 2.63 0.00	30.83 2.68 -0.05	48.85 2.54 -18.22	26.11 2.06 0.00	26.44 1.67 -5.14	22.14 1.56 -1.48	20.43 1.26 0.00
CORTLAND_115KV_TB3 80093	21.51 0.25 0.00	20.47 0.25 0.00	20.39 0.24 -0.07	17.99 0.20 -0.09	17.81 0.23 0.00	19.11 0.25 0.00	19.89 0.29 0.00	17.28 0.22 0.00	16.42 0.22 0.00	16.41 0.19 0.00	17.06 0.14 0.00	17.02 0.14 0.00	18.49 0.16 0.00	18.07 0.14 0.00	17.47 0.16 0.00	17.24 0.15 0.00	19.02 0.15 0.00	26.40 0.27 0.00	28.48 0.38 0.00	28.50 0.41 0.00	24.41 0.36 0.00	19.87 0.23 0.00	19.30 0.19 0.00	19.39 0.23 0.00
COXSACKIE___GT 23611	22.65 1.39 0.00	21.64 1.42 0.00	22.06 1.47 -0.51	19.61 1.27 -0.63	18.69 1.11 0.00	20.12 1.26 0.00	20.94 1.35 0.00	18.21 1.15 0.00	17.12 0.92 0.00	16.87 0.65 0.00	17.37 0.45 0.00	17.25 0.37 0.00	18.71 0.38 0.00	18.49 0.56 0.00	17.86 0.54 0.00	17.66 0.57 0.00	19.62 0.74 0.00	27.51 1.38 0.00	30.03 1.92 0.00	30.25 2.16 0.00	25.87 1.82 0.00	21.02 1.38 0.00	20.38 1.28 0.00	20.22 1.05 0.00

CPV_VALLEY___CC1 323721	22.00 0.74 0.00	20.84 0.62 0.00	21.04 0.61 -0.35	18.65 0.51 -0.43	18.06 0.49 0.00	19.34 0.49 0.00	20.15 0.55 0.00	17.65 0.59 0.00	16.77 0.58 0.00	16.85 0.65 0.02	17.56 0.65 0.00	17.56 0.68 0.00	19.05 0.72 0.00	18.68 0.75 0.00	18.15 0.83 0.00	17.96 0.87 0.00	19.82 0.95 0.00	27.48 1.35 0.00	29.50 1.39 0.00	29.37 1.27 0.00	25.05 1.01 0.00	20.40 0.77 0.00	19.80 0.69 0.00	19.65 0.48 0.00
CPV_VALLEY___CC2 323722	22.00 0.74 0.00	20.84 0.62 0.00	21.04 0.61 -0.35	18.65 0.51 -0.43	18.06 0.49 0.00	19.34 0.49 0.00	20.15 0.55 0.00	17.65 0.59 0.00	16.77 0.58 0.00	16.85 0.65 0.02	17.56 0.65 0.00	17.56 0.68 0.00	19.05 0.72 0.00	18.68 0.75 0.00	18.15 0.83 0.00	17.96 0.87 0.00	19.82 0.95 0.00	27.48 1.35 0.00	29.50 1.39 0.00	29.37 1.27 0.00	25.05 1.01 0.00	20.40 0.77 0.00	19.80 0.69 0.00	19.65 0.48 0.00
CRESCENT___HYD 24018	22.05 0.79 0.00	21.00 0.78 0.00	21.47 0.83 -0.56	19.11 0.72 -0.69	18.23 0.66 0.00	19.57 0.71 0.00	20.34 0.74 0.00	17.67 0.61 0.00	16.69 0.49 0.00	16.66 0.44 -0.01	17.32 0.41 0.00	17.26 0.38 0.00	18.74 0.41 0.00	18.38 0.45 0.00	17.87 0.55 0.00	17.59 0.50 0.00	19.45 0.58 0.00	27.05 0.92 0.00	29.28 1.18 0.00	29.32 1.22 0.00	25.02 0.98 0.00	20.36 0.73 0.00	19.80 0.70 0.00	19.67 0.51 0.00
CRICKET___VALLEY_CC1 323756	22.19 0.94 0.00	21.02 0.80 0.00	21.31 0.78 -0.46	18.91 0.65 -0.56	18.20 0.63 0.00	19.50 0.64 0.00	20.34 0.74 0.00	17.82 0.76 0.00	16.90 0.70 0.00	16.94 0.71 -0.01	17.63 0.72 0.00	17.61 0.73 0.00	19.11 0.77 0.00	18.72 0.79 0.00	18.22 0.90 0.00	18.03 0.94 0.00	19.89 1.02 0.00	27.58 1.45 0.00	29.69 1.58 0.00	29.59 1.50 0.00	25.24 1.20 0.00	20.54 0.91 0.00	19.94 0.84 0.00	19.76 0.59 0.00
CRICKET___VALLEY_CC2 323757	22.19 0.94 0.00	21.02 0.80 0.00	21.31 0.78 -0.46	18.91 0.65 -0.56	18.20 0.63 0.00	19.50 0.64 0.00	20.34 0.74 0.00	17.82 0.76 0.00	16.90 0.70 0.00	16.94 0.71 -0.01	17.63 0.72 0.00	17.61 0.73 0.00	19.11 0.77 0.00	18.72 0.79 0.00	18.22 0.90 0.00	18.03 0.94 0.00	19.89 1.02 0.00	27.58 1.45 0.00	29.69 1.58 0.00	29.59 1.50 0.00	25.24 1.20 0.00	20.54 0.91 0.00	19.94 0.84 0.00	19.76 0.59 0.00
CRICKET___VALLEY_CC3 323758	22.19 0.94 0.00	21.02 0.80 0.00	21.31 0.78 -0.46	18.91 0.65 -0.56	18.20 0.63 0.00	19.50 0.64 0.00	20.34 0.74 0.00	17.82 0.76 0.00	16.90 0.70 0.00	16.94 0.71 -0.01	17.63 0.72 0.00	17.61 0.73 0.00	19.11 0.77 0.00	18.72 0.79 0.00	18.22 0.90 0.00	18.03 0.94 0.00	19.89 1.02 0.00	27.58 1.45 0.00	29.69 1.58 0.00	29.59 1.50 0.00	25.24 1.20 0.00	20.54 0.91 0.00	19.94 0.84 0.00	19.76 0.59 0.00
CRUCIBLE_METL_DRP 24180	21.30 0.04 0.00	20.27 0.05 0.00	20.17 0.05 -0.04	17.80 0.04 -0.05	17.64 0.07 0.00	18.92 0.07 0.00	19.65 0.05 0.00	17.04 -0.02 0.00	16.20 0.00 0.00	16.21 0.00 0.00	16.87 -0.04 0.00	16.83 -0.05 0.00	18.31 -0.02 0.00	17.87 -0.06 0.00	17.27 -0.05 0.00	17.02 -0.06 0.00	18.79 -0.08 0.00	26.04 -0.09 0.00	28.04 -0.07 0.00	28.03 -0.06 0.00	24.01 -0.03 0.00	19.56 -0.07 0.00	19.02 -0.08 0.00	19.17 0.00 0.00
DAHOWA___HYDRO 323763	22.20 0.94 0.00	21.07 0.85 0.00	21.52 0.88 -0.57	19.14 0.74 -0.70	18.27 0.69 0.00	19.67 0.82 0.00	20.48 0.88 0.00	17.80 0.74 0.00	16.78 0.58 0.00	16.67 0.45 -0.01	17.33 0.42 0.00	17.27 0.39 0.00	18.76 0.43 0.00	18.41 0.48 0.00	17.94 0.63 0.00	17.68 0.59 0.00	19.58 0.71 0.00	27.33 1.20 0.00	29.66 1.55 0.00	29.64 1.55 0.00	25.34 1.30 0.00	20.62 0.98 0.00	19.97 0.87 0.00	19.82 0.65 0.00
DANC___LFGE 323619	21.16 -0.10 0.00	20.12 -0.10 0.00	19.91 -0.19 -0.03	17.47 -0.26 -0.03	17.35 -0.23 0.00	18.74 -0.11 0.00	19.54 -0.06 0.00	16.98 -0.08 0.00	16.10 -0.09 0.00	16.02 -0.20 0.00	16.60 -0.31 0.00	16.53 -0.35 0.00	17.96 -0.37 0.00	17.50 -0.43 0.00	16.90 -0.41 0.00	16.70 -0.39 0.00	18.41 -0.47 0.00	25.62 -0.51 0.00	27.77 -0.33 0.00	27.92 -0.17 0.00	24.05 0.01 0.00	19.68 0.04 0.00	19.11 0.01 0.00	19.23 0.06 0.00
DANSKAMMER___1 23586	22.52 1.27 0.00	21.32 1.10 0.00	21.57 1.06 -0.43	19.13 0.90 -0.53	18.45 0.87 0.00	19.76 0.90 0.00	20.60 1.00 0.00	18.07 1.01 0.00	17.16 0.97 0.00	17.24 1.02 0.00	17.95 1.04 0.00	17.94 1.06 0.00	19.47 1.14 0.00	19.09 1.16 0.00	18.57 1.25 0.00	18.38 1.30 0.00	20.30 1.43 0.00	28.16 2.03 0.00	30.25 2.15 0.00	30.12 2.02 0.00	25.68 1.64 0.00	20.90 1.26 0.00	20.25 1.15 0.00	20.06 0.90 0.00
DANSKAMMER___2 23589	22.52 1.27 0.00	21.32 1.10 0.00	21.57 1.06 -0.43	19.13 0.90 -0.53	18.45 0.87 0.00	19.76 0.90 0.00	20.60 1.00 0.00	18.07 1.01 0.00	17.16 0.97 0.00	17.24 1.02 0.00	17.95 1.04 0.00	17.94 1.06 0.00	19.47 1.14 0.00	19.09 1.16 0.00	18.57 1.25 0.00	18.38 1.30 0.00	20.30 1.43 0.00	28.16 2.03 0.00	30.25 2.15 0.00	30.12 2.02 0.00	25.68 1.64 0.00	20.90 1.26 0.00	20.25 1.15 0.00	20.06 0.90 0.00
DANSKAMMER___3 23590	22.52 1.27 0.00	21.32 1.10 0.00	21.57 1.06 -0.43	19.13 0.90 -0.53	18.45 0.87 0.00	19.76 0.90 0.00	20.60 1.00 0.00	18.07 1.01 0.00	17.16 0.97 0.00	17.24 1.02 0.00	17.95 1.04 0.00	17.94 1.06 0.00	19.47 1.14 0.00	19.09 1.16 0.00	18.57 1.25 0.00	18.38 1.30 0.00	20.30 1.43 0.00	28.16 2.03 0.00	30.25 2.15 0.00	30.12 2.02 0.00	25.68 1.64 0.00	20.90 1.26 0.00	20.25 1.15 0.00	20.06 0.90 0.00
DANSKAMMER___4 23591	22.52 1.27 0.00	21.32 1.10 0.00	21.57 1.06 -0.43	19.13 0.90 -0.53	18.45 0.87 0.00	19.76 0.90 0.00	20.60 1.00 0.00	18.07 1.01 0.00	17.16 0.97 0.00	17.24 1.02 0.00	17.95 1.04 0.00	17.94 1.06 0.00	19.47 1.14 0.00	19.09 1.16 0.00	18.57 1.25 0.00	18.38 1.30 0.00	20.30 1.43 0.00	28.16 2.03 0.00	30.25 2.15 0.00	30.12 2.02 0.00	25.68 1.64 0.00	20.90 1.26 0.00	20.25 1.15 0.00	20.06 0.90 0.00
DANSKAMMER___DIESEL 23592	22.52 1.26 0.00	21.32 1.10 0.00	21.57 1.06 -0.43	19.13 0.90 -0.53	18.45 0.87 0.00	19.74 0.89 0.00	20.60 1.00 0.00	18.07 1.01 0.00	17.16 0.96 0.00	17.24 1.03 0.00	17.95 1.04 0.00	17.94 1.06 0.00	19.47 1.15 0.00	19.09 1.16 0.00	18.58 1.26 0.00	18.38 1.30 0.00	20.30 1.43 0.00	28.16 2.03 0.00	30.25 2.15 0.00	30.11 2.02 0.00	25.68 1.64 0.00	20.90 1.27 0.00	20.24 1.14 0.00	20.06 0.90 0.00
DARBY___SOLAR 323810	22.17 0.92 0.00	21.05 0.83 0.00	21.50 0.86 -0.57	19.13 0.73 -0.70	18.25 0.68 0.00	19.65 0.79 0.00	20.45 0.85 0.00	17.77 0.71 0.00	16.75 0.56 0.00	16.66 0.44 -0.01	17.31 0.40 0.00	17.25 0.37 0.00	18.73 0.40 0.00	18.39 0.46 0.00	17.91 0.59 0.00	17.65 0.57 0.00	19.56 0.69 0.00	27.29 1.16 0.00	29.59 1.49 0.00	29.59 1.49 0.00	25.28 1.24 0.00	20.57 0.94 0.00	19.94 0.84 0.00	19.79 0.62 0.00

DASHVILLE___HYD 23610	22.33 1.08 0.00	21.13 0.92 0.00	21.40 0.88 -0.44	18.98 0.74 -0.54	18.31 0.74 0.00	19.57 0.72 0.00	20.38 0.78 0.00	17.85 0.79 0.00	16.98 0.78 0.00	17.06 0.85 0.00	17.77 0.85 0.00	17.76 0.88 0.00	19.29 0.95 0.00	18.90 0.97 0.00	18.39 1.07 0.00	18.19 1.11 0.00	20.10 1.23 0.00	27.84 1.71 0.00	29.85 1.75 0.00	29.70 1.60 0.00	25.33 1.29 0.00	20.63 1.00 0.00	20.01 0.91 0.00	19.84 0.97 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	24.18 2.93 0.00	22.61 2.39 0.00	22.79 2.29 -0.43	20.15 1.93 -0.53	19.46 1.89 0.00	20.80 1.94 0.00	21.98 2.38 0.00	19.46 2.40 0.00	18.59 2.39 0.00	18.80 2.55 -0.03	19.45 2.54 0.00	19.45 2.57 0.00	20.71 2.38 0.00	20.37 2.44 0.00	19.79 2.47 0.00	19.91 2.83 0.00	22.05 3.18 0.00	30.75 4.62 0.00	33.04 4.88 -0.05	110.85 4.75 -78.00	55.03 3.88 -27.10	27.88 3.11 -5.14	23.33 2.76 -1.48	21.38 2.21 0.00
DELAWARE___LFGE 323621	21.87 0.61 0.00	20.76 0.54 0.00	20.80 0.57 -0.15	18.41 0.51 -0.19	18.10 0.53 0.00	19.41 0.55 0.00	20.18 0.58 0.00	17.59 0.53 0.00	16.72 0.52 0.00	16.76 0.54 0.00	17.46 0.54 0.00	17.43 0.54 0.00	18.92 0.59 0.00	18.51 0.58 0.00	17.92 0.60 0.00	17.70 0.61 0.00	19.53 0.66 0.00	27.09 0.96 0.00	29.16 1.05 0.00	29.11 1.01 0.00	24.88 0.84 0.00	20.27 0.64 0.00	19.68 0.58 0.00	19.67 0.50 0.00
DERFIELD_115KV_TB7 355931	21.30 0.04 0.00	20.26 0.05 0.00	20.13 0.05 0.00	17.74 0.04 0.00	17.61 0.04 0.00	18.89 0.04 0.00	19.64 0.04 0.00	17.09 0.03 0.00	16.24 0.03 0.00	16.25 0.03 0.00	16.93 0.02 0.00	16.89 0.02 0.00	18.34 0.01 0.00	17.94 0.01 0.00	17.35 0.04 0.00	17.12 0.03 0.00	18.91 0.04 0.00	26.21 0.08 0.00	28.23 0.12 0.00	28.23 0.13 0.00	24.13 0.09 0.00	19.69 0.06 0.00	19.16 0.05 0.00	19.19 0.03 0.00
DOGLEVILLE___HYD 23807	21.06 -0.20 0.00	20.12 -0.10 0.00	20.11 0.03 0.00	17.69 -0.02 0.00	17.52 -0.05 0.00	18.75 -0.11 0.00	19.49 -0.11 0.00	16.96 -0.09 0.00	15.99 -0.21 0.00	15.94 -0.28 0.00	16.50 -0.41 0.00	16.41 -0.47 0.00	17.93 -0.40 0.00	17.58 -0.35 0.00	17.13 -0.19 0.00	16.80 -0.28 0.00	18.59 -0.28 0.00	25.83 -0.30 0.00	28.13 0.03 0.00	28.24 0.14 0.00	24.03 -0.02 0.00	19.56 -0.07 0.00	19.05 -0.05 0.00	18.90 -0.27 0.00
DUNKIRK___115KV_TB_200 55889	21.27 0.02 0.00	20.36 0.14 0.00	20.25 0.11 -0.07	17.86 0.07 -0.08	17.78 0.20 0.00	19.11 0.25 0.00	20.07 0.47 0.00	17.25 0.19 0.00	16.61 0.41 0.00	16.69 0.48 0.00	17.38 0.47 0.00	17.39 0.51 0.00	18.91 0.57 0.00	18.41 0.48 0.00	17.77 0.45 0.00	17.48 0.39 0.00	19.22 0.35 0.00	26.48 0.35 0.00	28.39 0.28 0.00	28.31 0.21 0.00	24.36 0.32 0.00	19.79 0.15 0.00	19.18 0.08 0.00	19.52 0.35 0.00
DUNKIRK___1 23563	21.27 0.02 0.00	20.36 0.14 0.00	20.25 0.11 -0.07	17.86 0.07 -0.08	17.78 0.20 0.00	19.11 0.25 0.00	20.07 0.47 0.00	17.25 0.19 0.00	16.61 0.41 0.00	16.69 0.48 0.00	17.38 0.47 0.00	17.39 0.51 0.00	18.91 0.57 0.00	18.41 0.48 0.00	17.77 0.45 0.00	17.48 0.39 0.00	19.22 0.35 0.00	26.48 0.35 0.00	28.39 0.28 0.00	28.31 0.21 0.00	24.36 0.32 0.00	19.79 0.15 0.00	19.18 0.08 0.00	19.52 0.35 0.00
DUNKIRK___2 23564	21.27 0.02 0.00	20.36 0.14 0.00	20.25 0.11 -0.07	17.86 0.07 -0.08	17.78 0.20 0.00	19.11 0.25 0.00	20.07 0.47 0.00	17.25 0.19 0.00	16.61 0.41 0.00	16.69 0.48 0.00	17.38 0.47 0.00	17.39 0.51 0.00	18.91 0.57 0.00	18.41 0.48 0.00	17.77 0.45 0.00	17.48 0.39 0.00	19.22 0.35 0.00	26.48 0.35 0.00	28.39 0.28 0.00	28.31 0.21 0.00	24.36 0.32 0.00	19.79 0.15 0.00	19.18 0.08 0.00	19.52 0.35 0.00
DUNKIRK___3 23565	21.23 -0.02 0.00	20.32 0.10 0.00	20.19 0.04 -0.07	17.81 0.02 -0.08	17.72 0.15 0.00	19.04 0.18 0.00	20.00 0.40 0.00	17.20 0.14 0.00	16.54 0.34 0.00	16.59 0.37 0.00	17.28 0.36 0.00	17.28 0.40 0.00	18.77 0.44 0.00	18.28 0.35 0.00	17.63 0.31 0.00	17.35 0.26 0.00	19.07 0.20 0.00	26.28 0.15 0.00	28.17 0.06 0.00	28.10 0.00 0.00	24.20 0.16 0.00	19.66 0.02 0.00	19.07 -0.03 0.00	19.40 0.24 0.00
DUNKIRK___4 23566	21.23 -0.02 0.00	20.32 0.10 0.00	20.19 0.04 -0.07	17.81 0.02 -0.08	17.72 0.15 0.00	19.04 0.18 0.00	20.00 0.40 0.00	17.20 0.14 0.00	16.54 0.34 0.00	16.59 0.37 0.00	17.28 0.36 0.00	17.28 0.40 0.00	18.77 0.44 0.00	18.28 0.35 0.00	17.63 0.31 0.00	17.35 0.26 0.00	19.07 0.20 0.00	26.28 0.15 0.00	28.17 0.06 0.00	28.10 0.00 0.00	24.20 0.16 0.00	19.66 0.02 0.00	19.07 -0.03 0.00	19.40 0.24 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.50 1.25 0.00	21.29 1.07 0.00	21.52 1.02 -0.43	19.08 0.85 -0.53	18.40 0.82 0.00	19.68 0.82 0.00	20.54 0.94 0.00	18.04 0.98 0.00	17.16 0.96 0.00	17.31 1.07 -0.03	18.00 1.09 0.00	18.00 1.12 0.00	19.53 1.20 0.00	19.15 1.22 0.00	18.63 1.31 0.00	18.46 1.37 0.00	20.37 1.50 0.00	28.21 2.08 0.00	30.24 2.13 0.00	30.08 1.98 0.00	25.65 1.61 0.00	20.88 1.25 0.00	20.23 1.13 0.00	20.02 0.85 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.31 1.06 0.00	21.13 0.91 0.00	21.37 0.88 -0.41	18.95 0.74 -0.51	18.29 0.72 0.00	19.58 0.72 0.00	20.41 0.81 0.00	17.89 0.83 0.00	17.00 0.81 0.00	17.08 0.88 0.01	17.79 0.87 0.00	17.78 0.90 0.00	19.30 0.96 0.00	18.92 0.98 0.00	18.39 1.07 0.00	18.21 1.13 0.00	20.11 1.24 0.00	27.90 1.77 0.00	29.96 1.86 0.00	29.83 1.73 0.00	25.45 1.40 0.00	20.71 1.08 0.00	20.07 0.97 0.00	19.90 0.73 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	22.55 1.30 0.00	21.34 1.12 0.00	21.57 1.06 -0.43	19.13 0.91 -0.53	18.45 0.87 0.00	19.72 0.87 0.00	20.59 0.99 0.00	18.10 1.04 0.00	17.21 1.02 0.00	17.33 1.09 -0.03	18.00 1.09 0.00	18.02 1.14 0.00	19.55 1.22 0.00	19.17 1.24 0.00	18.65 1.34 0.00	18.49 1.40 0.00	20.40 1.53 0.00	28.25 2.12 0.00	30.24 2.13 0.00	30.09 1.99 0.00	25.67 1.63 0.00	20.93 1.29 0.00	20.24 1.14 0.00	20.03 0.86 0.00
E179THST_13_KV_LOAD 356214	22.67 1.41 0.00	21.44 1.22 0.00	21.67 1.17 -0.43	19.22 0.99 -0.53	18.53 0.96 0.00	19.82 0.96 0.00	20.68 1.09 0.00	18.19 1.13 0.00	17.30 1.10 0.00	17.43 1.18 -0.03	18.10 1.18 0.00	18.11 1.23 0.00	19.66 1.32 0.00	19.27 1.34 0.00	18.75 1.44 0.00	18.58 1.50 0.00	20.51 1.64 0.00	28.40 2.27 0.00	30.41 2.30 0.00	30.24 2.15 0.00	25.80 1.76 0.00	21.04 1.40 0.00	20.34 1.24 0.00	20.13 0.96 0.00
EAST HAMPTON___GT 23717	24.59 3.33 0.00	22.92 2.70 0.00	23.09 2.59 -0.43	20.41 2.19 -0.53	19.72 2.15 0.00	21.25 2.39 0.00	22.37 2.77 0.00	19.76 2.70 0.00	18.91 2.71 0.00	19.14 2.89 -0.03	19.80 2.88 0.00	19.81 2.92 0.00	21.07 2.74 0.00	20.74 2.81 0.00	20.15 2.84 0.00	20.30 3.21 0.00	22.46 3.59 0.00	31.34 5.20 -0.01	33.68 5.53 -0.05	111.49 5.38 -78.01	55.56 4.41 -27.11	28.30 3.52 -5.15	23.76 3.18 -1.48	21.72 2.55 0.00

EAST RIVER___6 23660	22.59 1.34 0.00	21.35 1.13 0.00	21.56 1.06 -0.43	19.14 0.91 -0.53	18.47 0.89 0.00	19.75 0.89 0.00	20.58 0.98 0.00	18.11 1.05 0.00	17.27 1.07 0.00	17.45 1.21 -0.03	18.14 1.22 0.00	18.14 1.26 0.00	19.67 1.34 0.00	19.30 1.37 0.00	18.76 1.45 0.00	18.62 1.53 0.00	20.54 1.67 0.00	28.42 2.28 0.00	30.41 2.31 0.00	30.23 2.13 0.00	25.78 1.74 0.00	20.99 1.36 0.00	20.32 1.22 0.00	20.08 0.92 0.00
EAST RIVER___7 23524	22.59 1.34 0.00	21.35 1.13 0.00	21.56 1.06 -0.43	19.14 0.91 -0.53	18.47 0.89 0.00	19.75 0.89 0.00	20.58 0.98 0.00	18.11 1.05 0.00	17.27 1.07 0.00	17.45 1.21 -0.03	18.14 1.22 0.00	18.14 1.26 0.00	19.67 1.34 0.00	19.30 1.37 0.00	18.76 1.45 0.00	18.62 1.53 0.00	20.54 1.67 0.00	28.42 2.28 0.00	30.41 2.31 0.00	30.23 2.13 0.00	25.78 1.74 0.00	20.99 1.36 0.00	20.32 1.22 0.00	20.08 0.92 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.44 1.19 0.00	21.23 1.01 0.00	21.48 0.97 -0.43	19.04 0.82 -0.52	18.36 0.79 0.00	19.64 0.78 0.00	20.50 0.90 0.00	18.01 0.95 0.00	17.12 0.92 0.00	17.27 1.02 -0.03	17.95 1.04 0.00	17.95 1.07 0.00	19.48 1.15 0.00	19.10 1.17 0.00	18.58 1.26 0.00	18.40 1.32 0.00	20.31 1.44 0.00	28.14 2.01 0.00	30.16 2.05 0.00	30.01 1.91 0.00	25.59 1.55 0.00	20.83 1.20 0.00	20.18 1.08 0.00	19.98 0.81 0.00
EAST_HAMPTON___DIESEL 23722	24.59 3.34 0.00	22.92 2.70 0.00	23.09 2.59 -0.43	20.42 2.19 -0.53	19.73 2.15 0.00	21.25 2.40 0.00	22.37 2.77 0.00	19.76 2.70 0.00	18.91 2.71 0.00	19.14 2.89 -0.03	19.80 2.89 0.00	19.81 2.93 0.00	21.07 2.74 0.00	20.75 2.82 0.00	20.15 2.84 0.00	20.31 3.22 0.00	22.47 3.60 0.00	31.35 5.22 -0.01	33.69 5.53 -0.05	111.51 5.39 -78.01	55.57 4.42 -27.11	28.30 3.52 -5.15	23.77 3.18 -1.48	21.72 2.56 0.00
EAST_PULASKI___ESR 323781	21.11 -0.14 0.00	20.08 -0.13 0.00	19.93 -0.18 -0.03	17.54 -0.20 -0.04	17.41 -0.17 0.00	18.72 -0.14 0.00	19.46 -0.14 0.00	16.90 -0.16 0.00	16.04 -0.16 0.00	16.00 -0.22 0.00	16.61 -0.30 0.00	16.56 -0.32 0.00	17.98 -0.36 0.00	17.53 -0.40 0.00	16.93 -0.38 0.00	16.72 -0.37 0.00	18.43 -0.44 0.00	25.59 -0.54 0.00	27.66 -0.45 0.00	27.73 -0.37 0.00	23.82 -0.22 0.00	19.46 -0.18 0.00	18.93 -0.18 0.00	19.07 -0.09 0.00
EAST_RIVER___1 323558	22.57 1.32 0.00	21.33 1.11 0.00	21.56 1.05 -0.43	19.11 0.89 -0.53	18.43 0.86 0.00	19.72 0.86 0.00	20.56 0.96 0.00	18.09 1.03 0.00	17.23 1.03 0.00	17.40 1.16 -0.03	18.08 1.17 0.00	18.09 1.21 0.00	19.64 1.30 0.00	19.26 1.33 0.00	18.73 1.41 0.00	18.56 1.48 0.00	20.48 1.61 0.00	28.33 2.20 0.00	30.32 2.22 0.00	30.15 2.05 0.00	25.72 1.68 0.00	20.93 1.30 0.00	20.28 1.17 0.00	20.06 0.89 0.00
EAST_RIVER___2 323559	22.59 1.34 0.00	21.35 1.13 0.00	21.56 1.06 -0.43	19.14 0.91 -0.53	18.47 0.89 0.00	19.75 0.89 0.00	20.58 0.98 0.00	18.11 1.05 0.00	17.27 1.07 0.00	17.45 1.21 -0.03	18.14 1.22 0.00	18.14 1.26 0.00	19.67 1.34 0.00	19.30 1.37 0.00	18.76 1.45 0.00	18.62 1.53 0.00	20.54 1.67 0.00	28.42 2.28 0.00	30.41 2.31 0.00	30.23 2.13 0.00	25.78 1.74 0.00	20.99 1.36 0.00	20.32 1.22 0.00	20.08 0.92 0.00
EAST___DELAWARE_HYD 23607	22.28 1.03 0.00	21.07 0.85 0.00	21.26 0.82 -0.37	18.85 0.69 -0.46	18.25 0.67 0.00	19.55 0.70 0.00	20.38 0.78 0.00	17.86 0.80 0.00	16.98 0.79 0.00	17.07 0.86 0.00	17.83 0.92 0.00	17.75 0.87 0.00	18.86 0.53 0.00	18.48 0.55 0.00	17.97 0.65 0.00	17.57 0.48 0.00	19.37 0.50 0.00	26.91 0.78 0.00	28.93 0.83 0.00	28.92 0.82 0.00	25.16 1.12 0.00	20.48 0.85 0.00	19.82 0.72 0.00	19.60 0.44 0.00
EIGHT_POINT___WT_PWR 323820	20.99 -0.26 0.00	20.21 -0.01 0.00	20.20 0.04 -0.08	17.89 0.09 -0.10	17.88 0.31 0.00	19.10 0.25 0.00	20.01 0.41 0.00	17.31 0.25 0.00	16.55 0.35 0.00	16.45 0.24 0.00	17.14 0.23 0.00	17.09 0.21 0.00	18.62 0.29 0.00	18.12 0.19 0.00	17.46 0.14 0.00	17.19 0.11 0.00	18.91 0.04 0.00	26.29 0.15 0.00	28.40 0.29 0.00	28.44 0.35 0.00	24.43 0.39 0.00	19.90 0.27 0.00	19.30 0.20 0.00	19.49 0.33 0.00
ELBRIDGE_115KV_TB2 80188	21.22 -0.03 0.00	20.17 -0.05 0.00	20.09 -0.03 -0.04	17.72 -0.03 -0.05	17.55 -0.02 0.00	18.84 -0.02 0.00	19.59 -0.01 0.00	16.97 -0.09 0.00	16.09 -0.11 0.00	16.11 -0.10 0.00	16.76 -0.15 0.00	16.75 -0.13 0.00	18.18 -0.16 0.00	17.78 -0.16 0.00	17.18 -0.14 0.00	16.96 -0.12 0.00	18.73 -0.14 0.00	25.96 -0.17 0.00	27.93 -0.18 0.00	27.94 -0.16 0.00	23.93 -0.11 0.00	19.50 -0.13 0.00	18.92 -0.18 0.00	19.07 -0.10 0.00
ELEC_TRO_TEK 24086	22.85 1.59 0.00	21.54 1.33 0.00	21.77 1.26 -0.43	19.29 1.07 -0.53	18.60 1.03 0.00	19.88 1.02 0.00	20.82 1.22 0.00	18.30 1.24 0.00	17.39 1.20 0.00	17.55 1.31 -0.03	18.21 1.30 0.00	18.23 1.35 0.00	19.69 1.36 0.00	19.26 1.33 0.00	18.74 1.43 0.00	18.63 1.54 0.00	20.61 1.74 0.00	28.61 2.48 0.00	30.69 2.53 -0.05	48.72 2.40 -18.22	25.98 1.94 0.00	26.34 1.57 -5.14	22.01 1.43 -1.48	20.29 1.12 0.00
ELLENBURG_WT_PWR 323604	21.00 -0.25 0.00	19.96 -0.26 0.00	19.86 -0.22 0.00	17.54 -0.16 0.00	17.50 -0.07 0.00	18.86 0.00 0.00	19.67 0.07 0.00	17.16 0.10 0.00	16.27 0.07 0.00	16.28 0.06 0.00	17.01 0.10 0.00	16.97 0.09 0.00	18.47 0.13 0.00	18.06 0.14 0.00	17.39 0.08 0.00	17.11 0.02 0.00	18.93 0.06 0.00	26.18 0.05 0.00	28.17 0.07 0.00	28.26 0.16 0.00	24.18 0.13 0.00	19.74 0.11 0.00	19.19 0.09 0.00	19.24 0.08 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.28 0.03 0.00	20.39 0.17 0.00	20.20 0.06 -0.07	17.84 0.06 -0.08	17.74 0.17 0.00	19.06 0.21 0.00	20.01 0.41 0.00	17.19 0.13 0.00	16.52 0.32 0.00	16.50 0.28 0.00	17.18 0.27 0.00	17.17 0.29 0.00	18.68 0.35 0.00	18.15 0.22 0.00	17.49 0.17 0.00	17.18 0.09 0.00	18.91 0.04 0.00	26.05 -0.08 0.00	27.94 -0.16 0.00	27.89 -0.21 0.00	24.07 0.03 0.00	19.55 -0.08 0.00	18.99 -0.12 0.00	19.35 0.18 0.00
EMPIRE_CC_1 323656	21.81 0.55 0.00	20.81 0.59 0.00	21.25 0.65 -0.53	18.92 0.57 -0.65	18.08 0.51 0.00	19.36 0.50 0.00	20.09 0.49 0.00	17.44 0.38 0.00	16.49 0.29 0.00	16.47 0.25 -0.01	17.14 0.23 0.00	17.08 0.20 0.00	18.54 0.21 0.00	18.19 0.25 0.00	17.68 0.37 0.00	17.40 0.31 0.00	19.22 0.35 0.00	26.68 0.55 0.00	28.83 0.72 0.00	28.87 0.77 0.00	24.64 0.60 0.00	20.06 0.43 0.00	19.53 0.42 0.00	19.40 0.23 0.00
EMPIRE_CC_2 323658	21.81 0.55 0.00	20.81 0.59 0.00	21.25 0.65 -0.53	18.92 0.57 -0.65	18.08 0.51 0.00	19.36 0.50 0.00	20.09 0.49 0.00	17.44 0.38 0.00	16.49 0.29 0.00	16.47 0.25 -0.01	17.14 0.23 0.00	17.08 0.20 0.00	18.54 0.21 0.00	18.19 0.25 0.00	17.68 0.37 0.00	17.40 0.31 0.00	19.22 0.35 0.00	26.68 0.55 0.00	28.83 0.72 0.00	28.87 0.77 0.00	24.64 0.60 0.00	20.06 0.43 0.00	19.53 0.42 0.00	19.40 0.23 0.00

ENORWICH_115KV_TB1 80156	22.42 1.17 0.00	21.40 1.18 0.00	21.43 1.23 -0.12	18.87 1.03 -0.14	18.66 1.08 0.00	20.07 1.22 0.00	20.96 1.36 0.00	18.21 1.15 0.00	17.29 1.10 0.00	17.16 0.95 0.00	17.75 0.84 0.00	17.63 0.75 0.00	19.23 0.89 0.00	18.77 0.84 0.00	18.12 0.81 0.00	17.83 0.74 0.00	19.75 0.88 0.00	27.57 1.44 0.00	30.14 2.03 0.00	30.30 2.20 0.00	25.93 1.89 0.00	21.03 1.39 0.00	20.39 1.29 0.00	20.45 1.29 0.00
ERIE_ST__34_KV_TB1-2 80199	21.39 0.13 0.00	20.48 0.26 0.00	20.29 0.14 -0.07	17.91 0.12 -0.08	17.80 0.23 0.00	19.13 0.27 0.00	20.08 0.49 0.00	17.29 0.23 0.00	16.61 0.41 0.00	16.60 0.38 0.00	17.28 0.36 0.00	17.27 0.39 0.00	18.79 0.46 0.00	18.27 0.33 0.00	17.61 0.29 0.00	17.31 0.22 0.00	19.05 0.18 0.00	26.26 0.13 0.00	28.16 0.05 0.00	28.10 0.00 0.00	24.23 0.19 0.00	19.67 0.04 0.00	19.11 0.01 0.00	19.44 0.27 0.00
ERIE_WT_PWR 323693	21.27 0.02 0.00	20.39 0.17 0.00	20.21 0.06 -0.07	17.84 0.06 -0.08	17.74 0.17 0.00	19.00 0.14 0.00	19.98 0.38 0.00	17.18 0.12 0.00	16.50 0.30 0.00	16.47 0.25 0.00	17.15 0.24 0.00	17.14 0.26 0.00	18.65 0.32 0.00	18.12 0.19 0.00	17.46 0.15 0.00	17.15 0.07 0.00	18.88 0.01 0.00	26.02 -0.11 0.00	27.91 -0.19 0.00	27.86 -0.23 0.00	24.07 0.02 0.00	19.55 -0.08 0.00	18.95 -0.15 0.00	19.33 0.16 0.00
ESPRGFLD_115KV_TB1 80157	22.36 1.11 0.00	21.15 0.93 0.00	20.86 0.91 0.12	18.39 0.84 0.15	18.50 0.92 0.00	19.92 1.06 0.00	20.78 1.18 0.00	18.12 1.06 0.00	17.20 1.01 0.00	17.23 1.02 0.00	18.00 1.09 0.00	17.94 1.06 0.00	19.46 1.14 0.00	19.02 1.09 0.00	18.26 0.94 0.00	18.08 1.00 0.00	19.94 1.07 0.00	27.64 1.51 0.00	29.77 1.67 0.00	29.80 1.71 0.00	25.51 1.47 0.00	20.83 1.20 0.00	20.19 1.09 0.00	20.32 1.15 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.64 0.39 0.00	20.59 0.37 0.00	20.54 0.38 -0.09	18.13 0.32 -0.11	17.92 0.34 0.00	19.24 0.38 0.00	20.04 0.44 0.00	17.41 0.35 0.00	16.53 0.33 0.00	16.50 0.28 0.00	17.13 0.21 0.00	17.08 0.20 0.00	18.54 0.21 0.00	18.10 0.17 0.00	17.51 0.19 0.00	17.28 0.19 0.00	19.09 0.22 0.00	26.54 0.41 0.00	28.68 0.57 0.00	28.74 0.64 0.00	24.62 0.57 0.00	20.03 0.40 0.00	19.43 0.33 0.00	19.52 0.35 0.00
ETNA____115KV_TB2 80207	21.64 0.39 0.00	20.59 0.37 0.00	20.54 0.38 -0.09	18.13 0.32 -0.11	17.92 0.34 0.00	19.24 0.38 0.00	20.04 0.44 0.00	17.41 0.35 0.00	16.53 0.33 0.00	16.50 0.28 0.00	17.13 0.21 0.00	17.08 0.20 0.00	18.54 0.21 0.00	18.10 0.17 0.00	17.51 0.19 0.00	17.28 0.19 0.00	19.09 0.22 0.00	26.54 0.41 0.00	28.68 0.57 0.00	28.74 0.64 0.00	24.62 0.57 0.00	20.03 0.40 0.00	19.43 0.33 0.00	19.52 0.35 0.00
EUCLID__115KV_TB2 356179	21.08 -0.17 0.00	20.06 -0.15 0.00	19.94 -0.17 -0.04	17.59 -0.15 -0.04	17.45 -0.13 0.00	18.71 -0.15 0.00	19.42 -0.18 0.00	16.84 -0.21 0.00	16.03 -0.17 0.00	16.03 -0.18 0.00	16.69 -0.22 0.00	16.66 -0.22 0.00	18.08 -0.25 0.00	17.67 -0.26 0.00	17.07 -0.25 0.00	16.84 -0.25 0.00	18.57 -0.30 0.00	25.72 -0.41 0.00	27.71 -0.40 0.00	27.69 -0.41 0.00	23.72 -0.32 0.00	19.32 -0.31 0.00	18.80 -0.30 0.00	18.97 -0.20 0.00
E_CANADA_CAP_HY 24051	22.65 1.40 0.00	21.43 1.21 0.00	21.93 1.16 -0.70	19.62 1.07 -0.85	18.72 1.15 0.00	20.21 1.35 0.00	21.08 1.48 0.00	18.36 1.30 0.00	17.36 1.16 0.00	17.34 1.12 0.00	18.12 1.21 0.00	18.01 1.14 0.00	19.53 1.20 0.00	19.09 1.16 0.00	18.28 0.96 0.00	18.14 1.06 0.00	20.00 1.13 0.00	27.78 1.64 0.00	29.95 1.84 0.00	30.04 1.95 0.00	25.73 1.69 0.00	21.06 1.43 0.00	20.42 1.32 0.00	20.56 1.40 0.00
E_CANADA_MHWK_HY 24050	21.06 -0.20 0.00	20.12 -0.10 0.00	20.11 0.03 0.00	17.69 -0.02 0.00	17.52 -0.05 0.00	18.75 -0.11 0.00	19.49 -0.11 0.00	16.96 -0.09 0.00	15.99 -0.21 0.00	15.94 -0.28 0.00	16.50 -0.41 0.00	16.41 -0.47 0.00	17.93 -0.40 0.00	17.58 -0.35 0.00	17.13 -0.19 0.00	16.80 -0.28 0.00	18.59 -0.28 0.00	25.83 -0.30 0.00	28.13 0.03 0.00	28.24 0.14 0.00	24.03 -0.02 0.00	19.56 -0.07 0.00	19.05 -0.05 0.00	18.90 -0.27 0.00
E_FISHKILL__LBMP 23776	22.30 1.05 0.00	21.12 0.90 0.00	21.39 0.87 -0.44	18.98 0.74 -0.54	18.28 0.71 0.00	19.56 0.70 0.00	20.40 0.80 0.00	17.89 0.83 0.00	16.99 0.80 0.00	17.09 0.86 -0.01	17.78 0.87 0.00	17.77 0.89 0.00	19.28 0.95 0.00	18.90 0.97 0.00	18.38 1.06 0.00	18.19 1.11 0.00	20.08 1.21 0.00	27.83 1.71 0.00	29.89 1.78 0.00	29.77 1.67 0.00	25.39 1.35 0.00	20.68 1.04 0.00	20.05 0.94 0.00	19.87 0.70 0.00
FALCON__SEABRD_CC1 323796	21.26 0.00 0.00	20.18 -0.04 0.00	20.07 0.00 0.00	17.71 0.01 0.00	17.69 0.11 0.00	19.08 0.22 0.00	19.93 0.33 0.00	17.38 0.32 0.00	16.46 0.26 0.00	16.46 0.24 0.00	17.20 0.29 0.00	17.16 0.28 0.00	18.67 0.34 0.00	18.28 0.34 0.00	17.62 0.31 0.00	17.33 0.25 0.00	19.20 0.32 0.00	26.57 0.43 0.00	28.60 0.50 0.00	28.67 0.57 0.00	24.49 0.45 0.00	19.98 0.34 0.00	19.42 0.32 0.00	19.46 0.29 0.00
FALCON__SEABRD_CC2 323797	21.26 0.00 0.00	20.18 -0.04 0.00	20.07 0.00 0.00	17.71 0.01 0.00	17.69 0.11 0.00	19.08 0.22 0.00	19.93 0.33 0.00	17.38 0.32 0.00	16.46 0.26 0.00	16.46 0.24 0.00	17.20 0.29 0.00	17.16 0.28 0.00	18.67 0.34 0.00	18.28 0.34 0.00	17.62 0.31 0.00	17.33 0.25 0.00	19.20 0.32 0.00	26.57 0.43 0.00	28.60 0.50 0.00	28.67 0.57 0.00	24.49 0.45 0.00	19.98 0.34 0.00	19.42 0.32 0.00	19.46 0.29 0.00
FAR ROCKAWAY__4 23548	23.09 1.84 0.00	21.88 1.66 0.00	22.08 1.58 -0.43	19.57 1.34 -0.53	18.87 1.30 0.00	20.14 1.28 0.00	21.09 1.49 0.00	18.52 1.46 0.00	17.60 1.40 0.00	17.76 1.51 -0.03	18.45 1.53 0.00	18.46 1.58 0.00	19.99 1.66 0.00	19.53 1.60 0.00	19.02 1.71 0.00	18.87 1.79 0.00	20.91 2.04 0.00	29.03 2.90 0.00	31.03 2.88 -0.05	49.11 2.79 -18.22	26.35 2.31 0.00	26.62 1.85 -5.14	22.32 1.73 -1.48	20.60 1.44 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.57 1.32 0.00	21.35 1.13 0.00	21.57 1.06 -0.43	19.12 0.89 -0.53	18.44 0.86 0.00	19.71 0.86 0.00	20.58 0.98 0.00	18.10 1.04 0.00	17.24 1.04 0.00	17.41 1.16 -0.03	18.09 1.18 0.00	18.10 1.22 0.00	19.65 1.31 0.00	19.27 1.34 0.00	18.74 1.42 0.00	18.57 1.49 0.00	20.49 1.62 0.00	28.34 2.21 0.00	30.33 2.23 0.00	30.16 2.06 0.00	25.73 1.69 0.00	20.94 1.31 0.00	20.27 1.17 0.00	20.06 0.89 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.59 1.34 0.00	21.36 1.14 0.00	21.58 1.08 -0.43	19.13 0.91 -0.53	18.45 0.87 0.00	19.72 0.86 0.00	20.59 0.99 0.00	18.11 1.05 0.00	17.25 1.05 0.00	17.42 1.17 -0.03	18.09 1.18 0.00	18.11 1.23 0.00	19.65 1.32 0.00	19.27 1.34 0.00	18.74 1.43 0.00	18.57 1.49 0.00	20.50 1.63 0.00	28.35 2.22 0.00	30.35 2.24 0.00	30.18 2.08 0.00	25.75 1.70 0.00	20.96 1.32 0.00	20.29 1.19 0.00	20.07 0.91 0.00

FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.56 1.31 0.00	21.33 1.11 0.00	21.56 1.06 -0.43	19.11 0.89 -0.53	18.43 0.86 0.00	19.70 0.85 0.00	20.57 0.97 0.00	18.09 1.03 0.00	17.23 1.03 0.00	17.40 1.16 -0.03	18.08 1.17 0.00	18.09 1.21 0.00	19.63 1.30 0.00	19.26 1.33 0.00	18.73 1.41 0.00	18.56 1.47 0.00	20.48 1.61 0.00	28.33 2.20 0.00	30.31 2.21 0.00	30.14 2.05 0.00	25.71 1.67 0.00	20.93 1.30 0.00	20.26 1.16 0.00	20.05 0.88 0.00
FARRAGUT___LBMP 323566	22.55 1.29 0.00	21.32 1.10 0.00	21.54 1.04 -0.43	19.10 0.87 -0.53	18.42 0.84 0.00	19.69 0.83 0.00	20.55 0.95 0.00	18.07 1.01 0.00	17.21 1.02 0.00	17.38 1.14 -0.03	18.06 1.15 0.00	18.07 1.19 0.00	19.61 1.28 0.00	19.24 1.31 0.00	18.70 1.39 0.00	18.54 1.45 0.00	20.46 1.58 0.00	28.30 2.17 0.00	30.29 2.18 0.00	30.12 2.02 0.00	25.69 1.66 0.00	20.91 1.28 0.00	20.25 1.15 0.00	20.03 0.87 0.00
FENNER___WINDPWR 24204	21.56 0.31 0.00	20.55 0.33 0.00	20.43 0.31 -0.05	18.01 0.25 -0.06	17.85 0.28 0.00	19.15 0.29 0.00	19.94 0.34 0.00	17.35 0.29 0.00	16.47 0.27 0.00	16.44 0.23 0.00	17.10 0.19 0.00	17.06 0.18 0.00	18.56 0.23 0.00	18.14 0.21 0.00	17.55 0.23 0.00	17.28 0.19 0.00	19.08 0.21 0.00	26.49 0.36 0.00	28.60 0.49 0.00	28.65 0.55 0.00	24.54 0.49 0.00	19.99 0.35 0.00	19.42 0.31 0.00	19.51 0.35 0.00
FIBERTEK___ENERGY 23856	21.30 0.04 0.00	20.27 0.05 0.00	20.17 0.05 -0.04	17.80 0.04 -0.05	17.64 0.07 0.00	18.92 0.07 0.00	19.65 0.05 0.00	17.04 -0.02 0.00	16.20 0.00 0.00	16.21 0.00 0.00	16.87 -0.04 0.00	16.83 -0.05 0.00	18.31 -0.02 0.00	17.87 -0.06 0.00	17.27 -0.05 0.00	17.02 -0.06 0.00	18.79 -0.08 0.00	26.04 -0.09 0.00	28.04 -0.07 0.00	28.03 -0.06 0.00	24.01 -0.03 0.00	19.56 -0.07 0.00	19.02 -0.08 0.00	19.17 0.00 0.00
FITZPATRICK____ 23598	20.79 -0.47 0.00	19.79 -0.43 0.00	19.66 -0.44 -0.03	17.34 -0.39 -0.03	17.20 -0.37 0.00	18.44 -0.42 0.00	19.12 -0.48 0.00	16.58 -0.48 0.00	15.77 -0.43 0.00	15.78 -0.44 0.00	16.43 -0.48 0.00	16.40 -0.48 0.00	17.79 -0.54 0.00	17.38 -0.55 0.00	16.79 -0.53 0.00	16.56 -0.52 0.00	18.27 -0.60 0.00	25.30 -0.84 0.00	27.24 -0.87 0.00	27.23 -0.87 0.00	23.32 -0.72 0.00	19.02 -0.61 0.00	18.51 -0.60 0.00	18.69 -0.47 0.00
FLOWRFLD_69_KV_BK1 356044	23.45 2.20 0.00	21.99 1.78 0.00	22.19 1.69 -0.43	19.65 1.42 -0.53	18.96 1.38 0.00	20.26 1.40 0.00	21.34 1.74 0.00	18.83 1.77 0.00	17.96 1.76 0.00	18.11 1.87 -0.03	18.72 1.81 0.00	18.73 1.85 0.00	20.03 1.70 0.00	19.67 1.74 0.00	19.13 1.81 0.00	19.16 2.07 0.00	21.23 2.36 -0.01	29.52 3.38 -0.01	31.67 3.52 -0.05	134.09 3.42 -102.58	65.10 2.82 -38.24	27.05 2.28 -5.15	22.62 2.04 -1.48	20.78 1.61 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.56 1.31 0.00	21.36 1.14 0.00	21.61 1.10 -0.43	19.17 0.93 -0.53	18.48 0.90 0.00	19.78 0.92 0.00	20.64 1.04 0.00	18.11 1.05 0.00	17.20 1.01 0.00	17.28 1.06 0.00	17.98 1.07 0.00	17.98 1.10 0.00	19.52 1.18 0.00	19.13 1.20 0.00	18.62 1.30 0.00	18.43 1.34 0.00	20.35 1.48 0.00	28.23 2.10 0.00	30.32 2.22 0.00	30.18 2.09 0.00	25.74 1.70 0.00	20.95 1.31 0.00	20.29 1.18 0.00	20.10 0.93 0.00
FORT ORANGE____ 23900	21.83 0.58 0.00	20.89 0.67 0.00	21.34 0.72 -0.55	18.99 0.62 -0.67	18.05 0.47 0.00	19.34 0.49 0.00	20.09 0.50 0.00	17.50 0.44 0.00	16.56 0.36 0.00	16.54 0.32 -0.01	17.14 0.22 0.00	17.08 0.21 0.00	18.56 0.22 0.00	18.21 0.27 0.00	17.68 0.37 0.00	17.44 0.35 0.00	19.28 0.41 0.00	26.82 0.69 0.00	28.99 0.88 0.00	29.02 0.92 0.00	24.78 0.74 0.00	20.16 0.52 0.00	19.59 0.49 0.00	19.46 0.29 0.00
FORT_DRUM_COGEN 23780	21.28 0.02 0.00	20.23 0.02 0.00	19.97 -0.13 -0.02	17.49 -0.24 -0.03	17.38 -0.19 0.00	18.86 0.00 0.00	19.70 0.11 0.00	17.14 0.08 0.00	16.21 0.02 0.00	16.07 -0.14 0.00	16.61 -0.30 0.00	16.53 -0.35 0.00	17.98 -0.36 0.00	17.51 -0.42 0.00	16.91 -0.41 0.00	16.69 -0.39 0.00	18.43 -0.44 0.00	25.70 -0.43 0.00	27.96 -0.14 0.00	28.24 0.14 0.00	24.41 0.37 0.00	19.98 0.35 0.00	19.38 0.28 0.00	19.45 0.29 0.00
FPL_FAR_ROCK_GT1 24212	23.10 1.85 0.00	21.88 1.66 0.00	22.08 1.58 -0.43	19.57 1.34 -0.53	18.87 1.30 0.00	20.17 1.31 0.00	21.09 1.49 0.00	18.53 1.47 0.00	17.60 1.40 0.00	17.76 1.51 -0.03	18.44 1.53 0.00	18.46 1.58 0.00	19.99 1.66 0.00	19.53 1.60 0.00	19.02 1.71 0.00	18.87 1.79 0.00	20.91 2.04 0.00	29.03 2.90 0.00	31.03 2.87 -0.05	49.11 2.80 -18.22	26.35 2.31 0.00	26.62 1.85 -5.14	22.34 1.75 -1.48	20.61 1.44 0.00
FPL_FAR_ROCK_GT2 23815	23.10 1.85 0.00	21.88 1.66 0.00	22.08 1.58 -0.43	19.57 1.34 -0.53	18.87 1.30 0.00	20.17 1.31 0.00	21.09 1.49 0.00	18.53 1.47 0.00	17.60 1.40 0.00	17.76 1.51 -0.03	18.44 1.53 0.00	18.46 1.58 0.00	19.99 1.66 0.00	19.53 1.60 0.00	19.02 1.71 0.00	18.87 1.79 0.00	20.91 2.04 0.00	29.03 2.90 0.00	31.03 2.87 -0.05	49.11 2.80 -18.22	26.35 2.31 0.00	26.62 1.85 -5.14	22.34 1.75 -1.48	20.61 1.44 0.00
FRANKLIN_FALL_HYD 24054	20.96 -0.29 0.00	19.93 -0.29 0.00	19.79 -0.28 0.00	17.49 -0.21 0.00	17.43 -0.14 0.00	18.77 -0.08 0.00	19.60 0.00 0.00	17.11 0.05 0.00	16.21 0.01 0.00	16.21 -0.01 0.00	16.93 0.02 0.00	16.90 0.02 0.00	18.40 0.07 0.00	17.98 0.05 0.00	17.31 -0.01 0.00	17.01 -0.08 0.00	18.83 -0.04 0.00	26.10 -0.03 0.00	28.05 -0.06 0.00	28.18 0.08 0.00	24.14 0.10 0.00	19.73 0.10 0.00	19.18 0.08 0.00	19.23 0.06 0.00
FREEPORT_EQUS_GT1 23764	23.09 1.84 0.00	21.75 1.53 0.00	21.95 1.45 -0.43	19.46 1.23 -0.53	18.76 1.18 0.00	20.08 1.23 0.00	21.00 1.41 0.00	18.46 1.40 0.00	17.54 1.35 0.00	17.70 1.46 -0.03	18.36 1.45 0.00	18.37 1.48 0.00	19.84 1.51 0.00	19.40 1.47 0.00	18.89 1.57 0.00	18.78 1.69 0.00	20.79 1.92 0.00	28.91 2.77 0.00	31.00 2.85 -0.05	49.04 2.72 -18.22	26.24 2.20 0.00	26.55 1.77 -5.14	22.26 1.67 -1.48	20.49 1.32 0.00
FREEPORT___CT2 23818	23.09 1.84 0.00	21.75 1.53 0.00	21.95 1.45 -0.43	19.46 1.23 -0.53	18.76 1.18 0.00	20.08 1.23 0.00	21.00 1.41 0.00	18.46 1.40 0.00	17.54 1.35 0.00	17.70 1.46 -0.03	18.36 1.45 0.00	18.37 1.48 0.00	19.84 1.51 0.00	19.40 1.47 0.00	18.89 1.57 0.00	18.78 1.69 0.00	20.79 1.92 0.00	28.91 2.77 0.00	31.00 2.85 -0.05	49.04 2.72 -18.22	26.24 2.20 0.00	26.55 1.77 -5.14	22.26 1.67 -1.48	20.49 1.32 0.00
FRESHKLS_33_KV_LOAD 356253	22.57 1.31 0.00	21.30 1.08 0.00	21.52 1.02 -0.43	19.09 0.86 -0.53	18.40 0.83 0.00	19.68 0.82 0.00	20.53 0.93 0.00	18.05 0.99 0.00	17.17 0.97 0.00	17.33 1.09 -0.03	18.03 1.11 0.00	18.04 1.16 0.00	19.55 1.22 0.00	19.23 1.30 0.00	18.71 1.40 0.00	18.57 1.48 0.00	20.42 1.55 -0.01	28.32 2.18 0.00	30.29 2.18 0.00	30.13 2.03 -0.01	25.72 1.67 0.00	20.99 1.35 0.00	20.30 1.20 0.00	20.09 0.93 0.00

FULTON COGEN____ 23766	21.08 -0.17 0.00	20.07 -0.15 0.00	19.94 -0.17 -0.03	17.58 -0.16 -0.04	17.44 -0.13 0.00	18.70 -0.16 0.00	19.39 -0.21 0.00	16.83 -0.23 0.00	15.99 -0.20 0.00	15.99 -0.22 0.00	16.64 -0.27 0.00	16.61 -0.27 0.00	18.03 -0.31 0.00	17.62 -0.32 0.00	17.01 -0.30 0.00	16.79 -0.29 0.00	18.52 -0.34 0.00	25.66 -0.47 0.00	27.66 -0.45 0.00	27.65 -0.45 0.00	23.69 -0.35 0.00	19.31 -0.32 0.00	18.79 -0.31 0.00	18.97 -0.20 0.00
FULTON____LFGE 323630	23.15 1.89 0.00	22.09 1.87 0.00	22.56 1.83 -0.65	20.13 1.62 -0.80	19.26 1.69 0.00	20.58 1.72 0.00	21.43 1.84 0.00	18.36 1.30 0.00	16.96 0.76 0.00	16.91 0.69 0.00	17.71 0.80 0.00	17.61 0.73 0.00	19.02 0.69 0.00	18.64 0.71 0.00	17.87 0.55 0.00	17.81 0.73 0.00	19.79 0.92 0.00	28.10 1.97 0.00	30.77 2.66 0.00	30.99 2.89 0.00	26.46 2.41 0.00	21.54 1.91 0.00	20.93 1.83 0.00	21.11 1.94 0.00
G.F.CEMENT____DRP 24184	22.17 0.91 0.00	20.99 0.78 0.00	21.44 0.79 -0.57	19.05 0.65 -0.70	18.18 0.60 0.00	19.60 0.74 0.00	20.43 0.83 0.00	17.76 0.70 0.00	16.74 0.54 0.00	16.59 0.37 -0.01	17.25 0.33 0.00	17.20 0.32 0.00	18.68 0.35 0.00	18.36 0.43 0.00	17.93 0.61 0.00	17.67 0.59 0.00	19.58 0.71 0.00	27.38 1.25 0.00	29.76 1.65 0.00	29.69 1.59 0.00	25.38 1.34 0.00	20.66 1.03 0.00	19.96 0.85 0.00	19.78 0.62 0.00
GARDENVILLE____LBMP 24039	21.21 -0.04 0.00	20.32 0.10 0.00	20.14 -0.01 -0.07	17.79 0.00 -0.08	17.69 0.11 0.00	19.00 0.14 0.00	19.93 0.34 0.00	17.13 0.07 0.00	16.45 0.25 0.00	16.43 0.22 0.00	17.10 0.19 0.00	17.09 0.21 0.00	18.59 0.26 0.00	18.06 0.13 0.00	17.41 0.09 0.00	17.10 0.02 0.00	18.82 -0.05 0.00	25.93 -0.20 0.00	27.82 -0.29 0.00	27.77 -0.33 0.00	23.97 -0.07 0.00	19.47 -0.16 0.00	18.92 -0.18 0.00	19.28 0.11 0.00
GARDNVLA_35_KV_LD 355827	21.30 0.05 0.00	20.41 0.19 0.00	20.21 0.07 -0.07	17.85 0.06 -0.08	17.75 0.17 0.00	19.07 0.21 0.00	20.01 0.41 0.00	17.20 0.14 0.00	16.52 0.32 0.00	16.49 0.27 0.00	17.16 0.25 0.00	17.16 0.28 0.00	18.67 0.34 0.00	18.14 0.21 0.00	17.49 0.18 0.00	17.18 0.09 0.00	18.91 0.04 0.00	26.08 -0.06 0.00	27.97 -0.14 0.00	27.91 -0.18 0.00	24.11 0.06 0.00	19.57 -0.06 0.00	19.01 -0.09 0.00	19.36 0.19 0.00
GELCKHM____115KV_LOAD 80723	21.16 -0.10 0.00	20.14 -0.08 0.00	20.02 -0.09 -0.04	17.66 -0.09 -0.05	17.51 -0.06 0.00	18.79 -0.07 0.00	19.50 -0.10 0.00	16.92 -0.14 0.00	16.09 -0.10 0.00	16.10 -0.11 0.00	16.76 -0.15 0.00	16.73 -0.15 0.00	18.17 -0.16 0.00	17.74 -0.19 0.00	17.14 -0.18 0.00	16.91 -0.18 0.00	18.65 -0.22 0.00	25.85 -0.28 0.00	27.82 -0.28 0.00	27.82 -0.28 0.00	23.82 -0.22 0.00	19.41 -0.22 0.00	18.88 -0.22 0.00	19.04 -0.13 0.00
GENERAL____MILLS 23808	21.26 0.01 0.00	20.37 0.16 0.00	20.18 0.04 -0.07	17.83 0.04 -0.08	17.73 0.15 0.00	19.04 0.19 0.00	19.98 0.38 0.00	17.17 0.11 0.00	16.49 0.29 0.00	16.46 0.25 0.00	17.14 0.22 0.00	17.13 0.24 0.00	18.64 0.31 0.00	18.11 0.18 0.00	17.45 0.13 0.00	17.14 0.06 0.00	18.86 -0.01 0.00	26.00 -0.13 0.00	27.89 -0.22 0.00	27.84 -0.26 0.00	24.04 0.00 0.00	19.53 -0.11 0.00	18.97 -0.14 0.00	19.33 0.16 0.00
GE_PLASTICS____DRP 24183	21.81 0.56 0.00	20.82 0.61 0.00	21.27 0.65 -0.55	18.94 0.57 -0.67	18.04 0.46 0.00	19.32 0.47 0.00	20.07 0.47 0.00	17.48 0.42 0.00	16.56 0.36 0.00	16.57 0.34 -0.01	17.20 0.29 0.00	17.16 0.28 0.00	18.63 0.30 0.00	18.27 0.34 0.00	17.74 0.42 0.00	17.50 0.41 0.00	19.34 0.47 0.00	26.85 0.72 0.00	28.97 0.86 0.00	28.97 0.87 0.00	24.73 0.69 0.00	20.14 0.51 0.00	19.57 0.47 0.00	19.46 0.30 0.00
GILBOA____1 23756	21.87 0.62 0.00	20.80 0.58 0.00	21.16 0.66 -0.42	18.84 0.62 -0.51	18.17 0.59 0.00	19.47 0.61 0.00	20.12 0.52 0.00	17.54 0.48 0.00	16.64 0.44 0.00	16.67 0.45 0.00	17.35 0.43 0.00	17.31 0.43 0.00	18.80 0.47 0.00	18.41 0.48 0.00	17.87 0.56 0.00	17.64 0.56 0.00	19.48 0.61 0.00	27.03 0.89 0.00	29.09 0.99 0.00	29.05 0.95 0.00	24.81 0.77 0.00	20.23 0.59 0.00	19.65 0.55 0.00	19.57 0.40 0.00
GILBOA____2 23757	21.87 0.62 0.00	20.80 0.58 0.00	21.16 0.66 -0.42	18.84 0.62 -0.51	18.17 0.59 0.00	19.47 0.61 0.00	20.12 0.52 0.00	17.54 0.48 0.00	16.64 0.44 0.00	16.67 0.45 0.00	17.35 0.43 0.00	17.31 0.43 0.00	18.80 0.47 0.00	18.41 0.48 0.00	17.87 0.56 0.00	17.64 0.56 0.00	19.48 0.61 0.00	27.03 0.89 0.00	29.09 0.99 0.00	29.05 0.95 0.00	24.81 0.77 0.00	20.23 0.59 0.00	19.65 0.55 0.00	19.57 0.40 0.00
GILBOA____3 23758	21.87 0.62 0.00	20.80 0.58 0.00	21.16 0.66 -0.42	18.84 0.62 -0.51	18.17 0.59 0.00	19.47 0.61 0.00	20.12 0.52 0.00	17.54 0.48 0.00	16.64 0.44 0.00	16.67 0.45 0.00	17.35 0.43 0.00	17.31 0.43 0.00	18.80 0.47 0.00	18.41 0.48 0.00	17.87 0.56 0.00	17.64 0.56 0.00	19.48 0.61 0.00	27.03 0.89 0.00	29.09 0.99 0.00	29.05 0.95 0.00	24.81 0.77 0.00	20.23 0.59 0.00	19.65 0.55 0.00	19.57 0.40 0.00
GILBOA____4 23759	21.87 0.62 0.00	20.80 0.58 0.00	21.16 0.66 -0.42	18.84 0.62 -0.51	18.17 0.59 0.00	19.47 0.61 0.00	20.12 0.52 0.00	17.54 0.48 0.00	16.64 0.44 0.00	16.67 0.45 0.00	17.35 0.43 0.00	17.31 0.43 0.00	18.80 0.47 0.00	18.41 0.48 0.00	17.87 0.56 0.00	17.64 0.56 0.00	19.48 0.61 0.00	27.03 0.89 0.00	29.09 0.99 0.00	29.05 0.95 0.00	24.81 0.77 0.00	20.23 0.59 0.00	19.65 0.55 0.00	19.57 0.40 0.00
GILBOA____ 23599	21.87 0.62 0.00	20.80 0.58 0.00	21.16 0.66 -0.42	18.84 0.62 -0.51	18.17 0.59 0.00	19.46 0.60 0.00	20.12 0.52 0.00	17.54 0.48 0.00	16.64 0.44 0.00	16.67 0.45 0.00	17.35 0.43 0.00	17.31 0.43 0.00	18.80 0.47 0.00	18.41 0.48 0.00	17.87 0.56 0.00	17.64 0.56 0.00	19.48 0.61 0.00	27.03 0.90 0.00	29.09 0.99 0.00	29.05 0.95 0.00	24.81 0.77 0.00	20.23 0.60 0.00	19.65 0.55 0.00	19.57 0.40 0.00
GINNA____ 23603	20.31 -0.94 0.00	19.37 -0.85 0.00	19.21 -0.91 -0.05	16.95 -0.81 -0.06	16.83 -0.75 0.00	18.05 -0.80 0.00	18.87 -0.73 0.00	16.33 -0.73 0.00	15.58 -0.62 0.00	15.56 -0.66 0.00	16.19 -0.73 0.00	16.17 -0.72 0.00	17.49 -0.85 0.00	17.09 -0.84 0.00	16.47 -0.85 0.00	16.24 -0.85 0.00	17.93 -0.94 0.00	24.81 -1.32 0.00	26.76 -1.35 0.00	26.72 -1.37 0.00	22.98 -1.06 0.00	18.66 -0.97 0.00	18.10 -1.00 0.00	18.32 -0.85 0.00
GLEN PARK____ 23778	21.40 0.15 0.00	20.35 0.13 0.00	20.09 -0.01 -0.02	17.59 -0.13 -0.03	17.49 -0.08 0.00	18.96 0.10 0.00	19.82 0.22 0.00	17.23 0.17 0.00	16.29 0.09 0.00	16.12 -0.09 0.00	16.64 -0.27 0.00	16.55 -0.34 0.00	18.00 -0.33 0.00	17.53 -0.40 0.00	16.93 -0.39 0.00	16.71 -0.37 0.00	18.44 -0.42 0.00	25.73 -0.40 0.00	28.04 -0.07 0.00	28.35 0.25 0.00	24.59 0.55 0.00	20.12 0.49 0.00	19.48 0.38 0.00	19.56 0.40 0.00

GLENDALE_27_KV_LOAD 356172	22.68 1.43 0.00	21.44 1.22 0.00	21.65 1.15 -0.43	19.20 0.97 -0.53	18.51 0.94 0.00	19.80 0.94 0.00	20.68 1.09 0.00	18.20 1.14 0.00	17.33 1.14 0.00	17.49 1.24 -0.03	18.17 1.26 0.00	18.19 1.31 0.00	19.75 1.41 0.00	19.37 1.44 0.00	18.84 1.52 0.00	18.67 1.59 0.00	20.60 1.73 0.00	28.51 2.38 0.00	30.50 2.39 0.00	30.33 2.23 0.00	25.87 1.82 0.00	21.06 1.42 0.00	20.37 1.27 0.00	20.15 0.98 0.00
GLENWOOD_IC_1_G5 23712	22.80 1.55 0.00	21.53 1.32 0.00	21.76 1.25 -0.43	19.29 1.06 -0.53	18.60 1.02 0.00	19.87 1.01 0.00	20.78 1.18 0.00	18.25 1.19 0.00	17.25 1.06 0.00	17.43 1.18 -0.03	18.22 1.31 0.00	18.24 1.36 0.00	19.76 1.43 0.00	19.35 1.41 0.00	18.83 1.51 0.00	18.68 1.60 0.00	20.58 1.71 0.00	28.46 2.33 0.00	30.54 2.39 -0.05	48.66 2.34 -18.22	26.00 1.96 0.00	26.32 1.55 -5.14	21.98 1.40 -1.48	20.27 1.10 0.00
GLENWOOD_IC_2_G1 23688	22.68 1.42 0.00	21.42 1.20 0.00	21.65 1.15 -0.43	19.20 0.97 -0.53	18.51 0.93 0.00	19.81 0.95 0.00	20.68 1.08 0.00	18.17 1.11 0.00	17.27 1.07 0.00	17.42 1.18 -0.03	18.12 1.21 0.00	18.13 1.25 0.00	19.64 1.31 0.00	19.24 1.31 0.00	18.72 1.40 0.00	18.57 1.48 0.00	20.51 1.64 0.00	28.43 2.29 0.00	30.50 2.35 -0.05	48.53 2.21 -18.22	25.85 1.80 0.00	26.19 1.42 -5.14	21.87 1.29 -1.48	20.16 1.00 0.00
GLENWOOD_IC_3_G1 23689	22.68 1.42 0.00	21.42 1.20 0.00	21.65 1.15 -0.43	19.20 0.97 -0.53	18.51 0.93 0.00	19.81 0.95 0.00	20.68 1.08 0.00	18.17 1.11 0.00	17.27 1.07 0.00	17.42 1.18 -0.03	18.12 1.21 0.00	18.13 1.25 0.00	19.64 1.31 0.00	19.24 1.31 0.00	18.72 1.40 0.00	18.57 1.48 0.00	20.51 1.64 0.00	28.43 2.29 0.00	30.50 2.35 -0.05	48.53 2.21 -18.22	25.85 1.80 0.00	26.19 1.42 -5.14	21.87 1.29 -1.48	20.16 1.00 0.00
GLENWOOD___4 23550	22.80 1.55 0.00	21.53 1.32 0.00	21.76 1.25 -0.43	19.29 1.06 -0.53	18.60 1.02 0.00	19.87 1.01 0.00	20.78 1.18 0.00	18.25 1.19 0.00	17.30 1.10 0.00	17.46 1.22 -0.03	18.22 1.31 0.00	18.24 1.36 0.00	19.76 1.43 0.00	19.35 1.41 0.00	18.83 1.51 0.00	18.68 1.60 0.00	20.61 1.74 0.00	28.53 2.40 0.00	30.61 2.46 -0.05	48.69 2.38 -18.22	26.00 1.96 0.00	26.32 1.55 -5.14	21.98 1.40 -1.48	20.27 1.10 0.00
GLENWOOD___5 23614	22.80 1.55 0.00	21.53 1.32 0.00	21.76 1.25 -0.43	19.29 1.06 -0.53	18.60 1.02 0.00	19.87 1.01 0.00	20.78 1.18 0.00	18.25 1.19 0.00	17.30 1.10 0.00	17.46 1.22 -0.03	18.22 1.31 0.00	18.24 1.36 0.00	19.76 1.43 0.00	19.35 1.41 0.00	18.83 1.51 0.00	18.68 1.60 0.00	20.61 1.74 0.00	28.53 2.40 0.00	30.61 2.46 -0.05	48.69 2.38 -18.22	26.00 1.96 0.00	26.32 1.55 -5.14	21.98 1.40 -1.48	20.27 1.10 0.00
GLOBAL GREEN_PORT_GT1 23814	24.48 3.22 0.00	22.85 2.63 0.00	23.02 2.52 -0.43	20.35 2.12 -0.53	19.66 2.09 0.00	21.15 2.29 0.00	22.25 2.65 0.00	19.65 2.59 0.00	18.80 2.60 0.00	19.02 2.77 -0.03	19.68 2.76 0.00	19.68 2.80 0.00	20.98 2.65 0.00	20.63 2.71 0.00	20.05 2.74 0.00	20.17 3.09 0.00	22.35 3.48 0.00	31.19 5.05 -0.01	33.49 5.34 -0.05	111.32 5.19 -78.03	55.41 4.25 -27.12	28.16 3.38 -5.15	23.65 3.07 -1.48	21.64 2.47 0.00
GLOBE___DSASP 323697	20.75 -0.51 0.00	19.88 -0.34 0.00	19.64 -0.49 -0.06	17.37 -0.41 -0.08	17.27 -0.31 0.00	18.54 -0.31 0.00	19.43 -0.17 0.00	16.67 -0.39 0.00	15.99 -0.21 0.00	15.93 -0.28 0.00	16.57 -0.34 0.00	16.56 -0.33 0.00	17.99 -0.34 0.00	17.38 -0.55 0.00	16.72 -0.60 0.00	16.42 -0.67 0.00	18.06 -0.81 0.00	24.84 -1.29 0.00	26.63 -1.48 0.00	26.62 -1.48 0.00	23.04 -1.00 0.00	18.72 -0.91 0.00	18.21 -0.89 0.00	18.72 -0.45 0.00
GOETHSLN___LBMP 323567	22.42 1.17 0.00	21.21 1.00 0.00	21.45 0.94 -0.43	19.02 0.79 -0.53	18.34 0.76 0.00	19.58 0.73 0.00	20.43 0.83 0.00	17.98 0.92 0.00	17.12 0.92 0.00	17.29 1.04 -0.03	17.97 1.06 0.00	17.99 1.11 0.00	19.51 1.18 0.00	19.13 1.20 0.00	18.61 1.29 0.00	18.44 1.35 0.00	20.33 1.46 0.00	28.11 1.98 0.00	30.11 2.00 0.00	29.95 1.85 0.00	25.54 1.50 0.00	20.79 1.15 0.00	20.13 1.02 0.00	19.93 0.76 0.00
GOLAH___69_KV_TB 1_2 80279	21.52 0.27 0.00	20.57 0.35 0.00	20.40 0.27 -0.05	18.01 0.25 -0.06	17.90 0.33 0.00	19.25 0.40 0.00	20.08 0.48 0.00	17.35 0.29 0.00	16.52 0.32 0.00	16.43 0.21 0.00	17.09 0.17 0.00	17.03 0.14 0.00	18.50 0.17 0.00	18.03 0.10 0.00	17.36 0.05 0.00	17.03 -0.06 0.00	18.77 -0.10 0.00	25.95 -0.18 0.00	28.00 -0.10 0.00	28.03 -0.07 0.00	24.15 0.10 0.00	19.61 -0.03 0.00	19.12 0.02 0.00	19.38 0.21 0.00
GOODYEAR_LAKE_HYD 323669	22.06 0.81 0.00	20.92 0.70 0.00	20.87 0.71 -0.07	18.44 0.64 -0.09	18.26 0.68 0.00	19.61 0.75 0.00	20.42 0.82 0.00	17.81 0.75 0.00	16.92 0.73 0.00	16.97 0.76 0.00	17.69 0.78 0.00	17.66 0.78 0.00	19.17 0.84 0.00	18.75 0.82 0.00	18.10 0.78 0.00	17.88 0.79 0.00	19.73 0.86 0.00	27.36 1.23 0.00	29.47 1.36 0.00	29.43 1.34 0.00	25.17 1.12 0.00	20.51 0.88 0.00	19.89 0.79 0.00	19.92 0.76 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.40 0.14 0.00	20.37 0.15 0.00	20.38 0.18 -0.13	17.99 0.13 -0.15	17.76 0.18 0.00	19.04 0.19 0.00	19.85 0.25 0.00	17.24 0.18 0.00	16.42 0.22 0.00	16.45 0.24 0.00	17.13 0.22 0.00	17.10 0.22 0.00	18.58 0.25 0.00	18.17 0.24 0.00	17.56 0.25 0.00	17.34 0.26 0.00	19.10 0.23 0.00	26.46 0.32 0.00	28.47 0.36 0.00	28.41 0.31 0.00	24.32 0.28 0.00	19.81 0.18 0.00	19.23 0.12 0.00	19.33 0.17 0.00
GOUDEY___7 23579	21.42 0.16 0.00	20.39 0.17 0.00	20.40 0.19 -0.13	18.00 0.14 -0.15	17.77 0.20 0.00	19.06 0.20 0.00	19.87 0.27 0.00	17.25 0.19 0.00	16.43 0.23 0.00	16.47 0.25 0.00	17.14 0.23 0.00	17.12 0.23 0.00	18.60 0.27 0.00	18.18 0.25 0.00	17.58 0.26 0.00	17.36 0.27 0.00	19.12 0.25 0.00	26.48 0.35 0.00	28.49 0.39 0.00	28.44 0.34 0.00	24.34 0.30 0.00	19.83 0.19 0.00	19.24 0.14 0.00	19.35 0.18 0.00
GOUDEY___8 23580	21.40 0.14 0.00	20.37 0.15 0.00	20.38 0.18 -0.13	17.99 0.13 -0.15	17.76 0.18 0.00	19.04 0.19 0.00	19.85 0.25 0.00	17.24 0.18 0.00	16.42 0.22 0.00	16.45 0.24 0.00	17.13 0.22 0.00	17.10 0.22 0.00	18.58 0.25 0.00	18.17 0.24 0.00	17.56 0.25 0.00	17.34 0.26 0.00	19.10 0.23 0.00	26.46 0.32 0.00	28.47 0.36 0.00	28.41 0.31 0.00	24.32 0.28 0.00	19.81 0.18 0.00	19.23 0.12 0.00	19.33 0.17 0.00
GOWANUS_GT1_1 24077	22.67 1.42 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.79 0.93 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.24 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.83 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.31 2.21 -0.01	25.85 1.81 0.00	21.06 1.43 0.00	20.37 1.27 0.00	20.15 0.98 0.00

GOWANUS_GT1_2 24078	22.67 1.42 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.79 0.93 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.24 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.83 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.31 2.21 -0.01	25.85 1.81 0.00	21.06 1.43 0.00	20.37 1.27 0.00	20.15 0.98 0.00
GOWANUS_GT1_3 24079	22.67 1.42 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.79 0.93 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.24 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.83 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.31 2.21 -0.01	25.85 1.81 0.00	21.06 1.43 0.00	20.37 1.27 0.00	20.15 0.98 0.00
GOWANUS_GT1_4 24080	22.67 1.42 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.79 0.93 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.24 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.83 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.31 2.21 -0.01	25.85 1.81 0.00	21.06 1.43 0.00	20.37 1.27 0.00	20.15 0.98 0.00
GOWANUS_GT1_5 24084	22.67 1.42 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.79 0.93 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.24 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.83 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.31 2.21 -0.01	25.85 1.81 0.00	21.06 1.43 0.00	20.37 1.27 0.00	20.15 0.98 0.00
GOWANUS_GT1_6 24111	22.67 1.42 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.79 0.93 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.24 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.83 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.31 2.21 -0.01	25.85 1.81 0.00	21.06 1.43 0.00	20.37 1.27 0.00	20.15 0.98 0.00
GOWANUS_GT1_7 24112	22.67 1.42 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.79 0.93 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.24 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.83 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.31 2.21 -0.01	25.85 1.81 0.00	21.06 1.43 0.00	20.37 1.27 0.00	20.15 0.98 0.00
GOWANUS_GT1_8 24113	22.67 1.42 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.79 0.93 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.24 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.83 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.31 2.21 -0.01	25.85 1.81 0.00	21.06 1.43 0.00	20.37 1.27 0.00	20.15 0.98 0.00
GOWANUS_GT2_1 24114	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.85 1.80 -0.01	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
GOWANUS_GT2_2 24115	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.85 1.80 -0.01	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
GOWANUS_GT2_3 24116	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.85 1.80 -0.01	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
GOWANUS_GT2_4 24117	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.85 1.80 -0.01	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
GOWANUS_GT2_5 24118	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.85 1.80 -0.01	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
GOWANUS_GT2_6 24119	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.85 1.80 -0.01	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
GOWANUS_GT2_7 24120	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.85 1.80 -0.01	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
GOWANUS_GT2_8 24121	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.85 1.80 -0.01	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00

GOWANUS_GT3_1 24122	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.32 2.21 -0.01	25.85 1.80 0.00	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
GOWANUS_GT3_2 24123	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.32 2.21 -0.01	25.85 1.80 0.00	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
GOWANUS_GT3_3 24124	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.32 2.21 -0.01	25.85 1.80 0.00	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
GOWANUS_GT3_4 24125	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.32 2.21 -0.01	25.85 1.80 0.00	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
GOWANUS_GT3_5 24126	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.32 2.21 -0.01	25.85 1.80 0.00	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
GOWANUS_GT3_6 24127	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.32 2.21 -0.01	25.85 1.80 0.00	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
GOWANUS_GT3_7 24128	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.32 2.21 -0.01	25.85 1.80 0.00	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
GOWANUS_GT3_8 24129	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.32 2.21 -0.01	25.85 1.80 0.00	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
GOWANUS_GT4_1 24130	22.67 1.42 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.79 0.93 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.24 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.83 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.86 1.81 -0.01	21.06 1.43 0.00	20.37 1.27 0.00	20.15 0.98 0.00
GOWANUS_GT4_2 24131	22.67 1.42 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.79 0.93 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.24 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.83 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.86 1.81 -0.01	21.06 1.43 0.00	20.37 1.27 0.00	20.15 0.98 0.00
GOWANUS_GT4_3 24132	22.67 1.42 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.79 0.93 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.24 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.83 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.86 1.81 -0.01	21.06 1.43 0.00	20.37 1.27 0.00	20.15 0.98 0.00
GOWANUS_GT4_4 24133	22.67 1.42 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.79 0.93 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.24 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.83 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.86 1.81 -0.01	21.06 1.43 0.00	20.37 1.27 0.00	20.15 0.98 0.00
GOWANUS_GT4_5 24134	22.67 1.42 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.79 0.93 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.24 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.83 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.86 1.81 -0.01	21.06 1.43 0.00	20.37 1.27 0.00	20.15 0.98 0.00
GOWANUS_GT4_6 24135	22.67 1.42 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.79 0.93 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.24 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.83 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.86 1.81 -0.01	21.06 1.43 0.00	20.37 1.27 0.00	20.15 0.98 0.00
GOWANUS_GT4_7 24136	22.67 1.42 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.79 0.93 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.24 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.83 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.86 1.81 -0.01	21.06 1.43 0.00	20.37 1.27 0.00	20.15 0.98 0.00

GOWANUS_GT4_8 24137	22.67 1.42 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.79 0.93 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.24 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.83 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.86 1.81 -0.01	21.06 1.43 0.00	20.37 1.27 0.00	20.15 0.98 0.00
GREENBSH_115KV_TB3 55895	21.71 0.46 0.00	20.79 0.56 0.00	21.24 0.61 -0.55	18.90 0.53 -0.67	17.95 0.37 0.00	19.23 0.37 0.00	19.97 0.38 0.00	17.40 0.34 0.00	16.49 0.29 0.00	16.48 0.26 -0.01	17.10 0.18 0.00	17.05 0.17 0.00	18.51 0.18 0.00	18.16 0.23 0.00	17.64 0.33 0.00	17.40 0.31 0.00	19.23 0.36 0.00	26.72 0.59 0.00	28.84 0.73 0.00	28.84 0.75 0.00	24.62 0.57 0.00	20.04 0.41 0.00	19.47 0.37 0.00	19.35 0.18 0.00
GREENDGE_115KV_TB5 80291	21.34 0.08 0.00	20.37 0.15 0.00	20.31 0.16 -0.08	17.93 0.13 -0.10	17.79 0.22 0.00	19.09 0.24 0.00	19.95 0.36 0.00	17.30 0.24 0.00	16.48 0.28 0.00	16.44 0.22 0.00	17.08 0.17 0.00	17.05 0.17 0.00	18.53 0.20 0.00	18.08 0.15 0.00	17.46 0.14 0.00	17.21 0.12 0.00	18.97 0.10 0.00	26.33 0.20 0.00	28.45 0.34 0.00	28.45 0.36 0.00	24.41 0.37 0.00	19.84 0.21 0.00	19.24 0.13 0.00	19.40 0.23 0.00
GREENIDGE___3 23582	21.34 0.08 0.00	20.37 0.15 0.00	20.31 0.16 -0.08	17.93 0.13 -0.10	17.79 0.22 0.00	19.09 0.24 0.00	19.95 0.36 0.00	17.30 0.24 0.00	16.48 0.28 0.00	16.44 0.22 0.00	17.08 0.17 0.00	17.05 0.17 0.00	18.53 0.20 0.00	18.08 0.15 0.00	17.46 0.14 0.00	17.21 0.12 0.00	18.97 0.10 0.00	26.33 0.20 0.00	28.45 0.34 0.00	28.45 0.36 0.00	24.41 0.37 0.00	19.84 0.21 0.00	19.24 0.13 0.00	19.40 0.23 0.00
GREENIDGE___4 23583	21.33 0.08 0.00	20.37 0.15 0.00	20.32 0.16 -0.08	17.93 0.13 -0.10	17.79 0.22 0.00	19.06 0.20 0.00	19.94 0.35 0.00	17.30 0.24 0.00	16.48 0.28 0.00	16.44 0.22 0.00	17.08 0.18 0.00	17.05 0.17 0.00	18.53 0.20 0.00	18.08 0.15 0.00	17.46 0.14 0.00	17.21 0.12 0.00	18.97 0.10 0.00	26.33 0.20 0.00	28.45 0.34 0.00	28.45 0.36 0.00	24.41 0.37 0.00	19.84 0.21 0.00	19.22 0.11 0.00	19.39 0.22 0.00
GREENLWN_69_KV_BK 3 55738	22.94 1.68 0.00	21.62 1.40 0.00	21.82 1.32 -0.43	19.34 1.11 -0.53	18.64 1.07 0.00	19.90 1.04 0.00	20.85 1.25 0.00	18.31 1.25 0.00	17.44 1.25 0.00	17.59 1.35 -0.03	18.16 1.25 0.00	18.18 1.30 0.00	19.62 1.29 0.00	19.20 1.28 0.00	18.70 1.38 0.00	18.59 1.51 0.00	20.61 1.75 0.00	28.70 2.57 0.00	30.77 2.62 -0.05	35.54 2.48 -4.96	20.02 1.99 6.01	26.37 1.60 -5.14	22.09 1.51 -1.48	20.38 1.21 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.67 1.42 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.79 0.93 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.24 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.83 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.86 1.81 -0.01	21.06 1.43 0.00	20.37 1.27 0.00	20.15 0.98 0.00
GRISSOM___SOLAR 323813	23.15 1.89 0.00	22.09 1.87 0.00	22.56 1.83 -0.65	20.13 1.62 -0.80	19.26 1.69 0.00	20.58 1.72 0.00	21.43 1.84 0.00	18.36 1.30 0.00	16.96 0.76 0.00	16.91 0.69 0.00	17.71 0.80 0.00	17.61 0.73 0.00	19.02 0.69 0.00	18.64 0.71 0.00	17.87 0.55 0.00	17.81 0.73 0.00	19.79 0.92 0.00	28.10 1.97 0.00	30.77 2.66 0.00	30.99 2.89 0.00	26.46 2.41 0.00	21.54 1.91 0.00	20.93 1.83 0.00	21.11 1.94 0.00
GROVEVILLE___HYD 323602	22.56 1.31 0.00	21.36 1.14 0.00	21.61 1.10 -0.43	19.17 0.93 -0.53	18.48 0.90 0.00	19.78 0.92 0.00	20.64 1.04 0.00	18.11 1.05 0.00	17.20 1.01 0.00	17.28 1.06 0.00	17.98 1.07 0.00	17.98 1.10 0.00	19.52 1.18 0.00	19.13 1.20 0.00	18.62 1.30 0.00	18.43 1.34 0.00	20.35 1.48 0.00	28.23 2.10 0.00	30.32 2.22 0.00	30.18 2.09 0.00	25.74 1.70 0.00	20.95 1.31 0.00	20.29 1.18 0.00	20.10 0.93 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.30 0.04 0.00	20.27 0.05 0.00	20.17 0.05 -0.04	17.80 0.04 -0.05	17.64 0.07 0.00	18.92 0.07 0.00	19.65 0.05 0.00	17.04 -0.02 0.00	16.20 0.00 0.00	16.21 0.00 0.00	16.87 -0.04 0.00	16.83 -0.05 0.00	18.31 -0.02 0.00	17.87 -0.06 0.00	17.27 -0.05 0.00	17.02 -0.06 0.00	18.79 -0.08 0.00	26.04 -0.09 0.00	28.04 -0.07 0.00	28.03 -0.06 0.00	24.01 -0.03 0.00	19.56 -0.07 0.00	19.02 -0.08 0.00	19.17 0.00 0.00
HAMLTNNY_34_KV_TB 80303	21.35 0.09 0.00	20.29 0.07 0.00	20.19 0.07 -0.04	17.82 0.07 -0.05	17.65 0.08 0.00	18.96 0.10 0.00	19.72 0.12 0.00	17.51 0.45 0.00	17.01 0.82 0.00	17.02 0.80 0.00	17.72 0.80 0.00	17.68 0.80 0.00	18.87 0.54 0.00	17.90 -0.03 0.00	17.30 -0.02 0.00	17.09 0.00 0.00	18.86 -0.01 0.00	26.16 0.03 0.00	28.14 0.04 0.00	28.15 0.06 0.00	24.11 0.06 0.00	19.63 -0.01 0.00	19.04 -0.06 0.00	19.19 0.02 0.00
HAMPSHIRE___PAPER_HYD 323593	20.71 -0.54 0.00	19.70 -0.52 0.00	19.48 -0.61 -0.01	17.13 -0.58 -0.01	17.02 -0.55 0.00	18.41 -0.45 0.00	19.22 -0.38 0.00	16.73 -0.33 0.00	15.86 -0.34 0.00	15.77 -0.44 0.00	16.42 -0.49 0.00	16.38 -0.51 0.00	17.81 -0.53 0.00	17.38 -0.56 0.00	16.75 -0.57 0.00	16.52 -0.57 0.00	18.27 -0.60 0.00	25.36 -0.77 0.00	27.41 -0.69 0.00	27.59 -0.51 0.00	23.70 -0.34 0.00	19.42 -0.21 0.00	18.87 -0.24 0.00	18.93 -0.24 0.00
HARDSCRABBLE_WT_PWR 323673	21.00 -0.26 0.00	20.05 -0.17 0.00	20.05 -0.03 0.00	17.66 -0.04 0.00	17.52 -0.05 0.00	18.77 -0.08 0.00	19.51 -0.09 0.00	17.00 -0.06 0.00	16.06 -0.14 0.00	16.03 -0.19 0.00	16.61 -0.30 0.00	16.52 -0.36 0.00	18.03 -0.30 0.00	17.68 -0.25 0.00	17.20 -0.12 0.00	16.88 -0.20 0.00	18.65 -0.22 0.00	25.87 -0.26 0.00	28.15 0.04 0.00	28.24 0.14 0.00	24.00 -0.04 0.00	19.56 -0.07 0.00	19.08 -0.02 0.00	18.99 -0.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.33 1.08 0.00	21.16 0.94 0.00	21.39 0.92 -0.39	18.96 0.77 -0.48	18.31 0.74 0.00	19.58 0.73 0.00	20.42 0.82 0.00	17.90 0.84 0.00	17.03 0.83 0.00	17.11 0.92 0.03	17.85 0.94 0.00	17.86 0.98 0.00	19.41 1.08 0.00	19.04 1.11 0.00	18.53 1.21 0.00	18.32 1.23 0.00	20.22 1.35 0.00	28.05 1.92 0.00	30.09 1.98 0.00	29.91 1.81 0.00	25.50 1.46 0.00	20.75 1.12 0.00	20.11 1.01 0.00	19.95 0.78 0.00
HARSNRAD_115KV_TB1 81005	21.08 -0.17 0.00	20.22 0.01 0.00	19.99 -0.15 -0.06	17.67 -0.11 -0.07	17.58 0.00 0.00	18.87 0.02 0.00	19.79 0.19 0.00	16.96 -0.10 0.00	16.25 0.06 0.00	16.19 -0.03 0.00	16.84 -0.07 0.00	16.81 -0.07 0.00	18.34 0.00 0.00	17.74 -0.19 0.00	17.08 -0.24 0.00	16.74 -0.35 0.00	18.42 -0.45 0.00	25.37 -0.76 0.00	27.24 -0.87 0.00	27.22 -0.88 0.00	23.55 -0.49 0.00	19.12 -0.51 0.00	18.63 -0.47 0.00	19.06 -0.11 0.00

HARZA MOOSE___RIVER 24016	21.39 0.13 0.00	20.35 0.13 0.00	20.13 0.04 -0.02	17.69 -0.03 -0.02	17.57 0.00 0.00	18.98 0.12 0.00	19.79 0.19 0.00	17.32 0.26 0.00	16.38 0.19 0.00	16.26 0.05 0.00	16.89 -0.02 0.00	16.84 -0.04 0.00	18.36 0.03 0.00	17.92 -0.02 0.00	17.32 0.01 0.00	17.05 -0.03 0.00	18.84 -0.03 0.00	26.23 0.09 0.00	28.41 0.30 0.00	28.53 0.44 0.00	24.44 0.40 0.00	19.95 0.32 0.00	19.39 0.29 0.00	19.46 0.30 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	21.18 -0.07 0.00	20.15 -0.06 0.00	20.03 -0.08 -0.04	17.67 -0.08 -0.05	17.52 -0.06 0.00	18.79 -0.06 0.00	19.52 -0.08 0.00	16.93 -0.13 0.00	16.11 -0.09 0.00	16.12 -0.10 0.00	16.78 -0.14 0.00	16.75 -0.13 0.00	18.18 -0.15 0.00	17.76 -0.17 0.00	17.15 -0.16 0.00	16.93 -0.15 0.00	18.67 -0.20 0.00	25.88 -0.25 0.00	27.87 -0.24 0.00	27.84 -0.26 0.00	23.84 -0.19 0.00	19.43 -0.21 0.00	18.89 -0.21 0.00	19.05 -0.12 0.00
HELLGATE_13_KV_LD 55870	22.56 1.31 0.00	21.33 1.12 0.00	21.56 1.05 -0.43	19.12 0.89 -0.53	18.43 0.86 0.00	19.71 0.85 0.00	20.58 0.98 0.00	18.10 1.04 0.00	17.24 1.04 0.00	17.39 1.14 -0.03	18.06 1.15 0.00	18.08 1.20 0.00	19.62 1.30 0.00	19.24 1.31 0.00	18.72 1.41 0.00	18.55 1.47 0.00	20.47 1.60 0.00	28.33 2.20 0.00	30.32 2.21 0.00	30.14 2.05 0.00	25.71 1.67 0.00	20.94 1.31 0.00	20.26 1.16 0.00	20.05 0.88 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.56 1.31 0.00	21.33 1.12 0.00	21.56 1.05 -0.43	19.12 0.89 -0.53	18.43 0.86 0.00	19.71 0.85 0.00	20.58 0.98 0.00	18.10 1.04 0.00	17.24 1.04 0.00	17.39 1.14 -0.03	18.06 1.15 0.00	18.08 1.20 0.00	19.62 1.30 0.00	19.24 1.31 0.00	18.72 1.41 0.00	18.55 1.47 0.00	20.47 1.60 0.00	28.33 2.20 0.00	30.32 2.21 0.00	30.14 2.05 0.00	25.71 1.67 0.00	20.94 1.31 0.00	20.26 1.16 0.00	20.05 0.88 0.00
HEMPSTEAD___ 23647	22.87 1.61 0.00	21.55 1.33 0.00	21.76 1.25 -0.43	19.29 1.06 -0.53	18.60 1.02 0.00	19.91 1.05 0.00	20.81 1.22 0.00	18.29 1.23 0.00	17.37 1.18 0.00	17.54 1.29 -0.03	18.22 1.31 0.00	18.23 1.35 0.00	19.70 1.37 0.00	19.27 1.34 0.00	18.76 1.44 0.00	18.65 1.56 0.00	20.62 1.75 0.00	28.63 2.49 0.00	30.70 2.55 -0.05	48.75 2.44 -18.22	26.01 1.96 0.00	26.35 1.57 -5.14	22.05 1.47 -1.48	20.29 1.13 0.00
HEWLETT__69_KV_BK3 55828	23.02 1.76 0.00	21.77 1.55 0.00	21.99 1.48 -0.43	19.48 1.26 -0.53	18.79 1.22 0.00	20.06 1.20 0.00	20.99 1.39 0.00	18.44 1.38 0.00	17.52 1.32 0.00	17.68 1.43 -0.03	18.36 1.45 0.00	18.38 1.49 0.00	19.89 1.56 0.00	19.43 1.50 0.00	18.93 1.61 0.00	18.78 1.69 0.00	20.80 1.93 0.00	28.88 2.75 0.00	30.92 2.76 -0.05	48.96 2.65 -18.22	26.20 2.16 0.00	26.52 1.74 -5.14	22.22 1.63 -1.48	20.51 1.34 0.00
HICKLING___1 23621	21.28 0.03 0.00	20.31 0.09 0.00	20.33 0.15 -0.10	17.92 0.10 -0.12	17.80 0.23 0.00	19.11 0.25 0.00	20.00 0.40 0.00	17.33 0.27 0.00	16.56 0.37 0.00	16.59 0.38 0.00	17.27 0.35 0.00	17.24 0.36 0.00	18.71 0.38 0.00	18.28 0.35 0.00	17.66 0.34 0.00	17.46 0.37 0.00	19.20 0.33 0.00	26.59 0.46 0.00	28.61 0.50 0.00	28.54 0.44 0.00	24.46 0.42 0.00	19.91 0.28 0.00	19.27 0.17 0.00	19.41 0.24 0.00
HICKLING___2 23622	21.28 0.03 0.00	20.31 0.09 0.00	20.33 0.15 -0.10	17.92 0.10 -0.12	17.80 0.23 0.00	19.11 0.25 0.00	20.00 0.40 0.00	17.33 0.27 0.00	16.56 0.37 0.00	16.59 0.38 0.00	17.27 0.35 0.00	17.24 0.36 0.00	18.71 0.38 0.00	18.28 0.35 0.00	17.66 0.34 0.00	17.46 0.37 0.00	19.20 0.33 0.00	26.59 0.46 0.00	28.61 0.50 0.00	28.54 0.44 0.00	24.46 0.42 0.00	19.91 0.28 0.00	19.27 0.17 0.00	19.41 0.24 0.00
HIGH FALLS___HY 23754	22.48 1.23 0.00	21.25 1.03 0.00	21.48 0.98 -0.42	19.05 0.83 -0.52	18.42 0.84 0.00	19.69 0.83 0.00	20.51 0.92 0.00	17.98 0.92 0.00	17.10 0.90 0.00	17.19 0.97 0.00	17.90 0.99 0.00	17.85 0.97 0.00	19.31 0.97 0.00	18.90 0.97 0.00	18.39 1.08 0.00	18.16 1.08 0.00	20.09 1.22 0.00	27.88 1.75 0.00	29.93 1.82 0.00	29.83 1.74 0.00	25.58 1.54 0.00	20.81 1.18 0.00	20.19 1.09 0.00	20.03 0.87 0.00
HILLBURN___GT 23639	22.25 1.00 0.00	21.11 0.89 0.00	21.35 0.87 -0.40	18.92 0.73 -0.49	18.27 0.69 0.00	19.49 0.63 0.00	20.31 0.72 0.00	17.84 0.78 0.00	16.98 0.78 0.00	17.07 0.89 0.04	17.83 0.91 0.00	17.84 0.96 0.00	19.42 1.09 0.00	19.05 1.12 0.00	18.53 1.22 0.00	18.31 1.22 0.00	20.19 1.32 0.00	27.97 1.84 0.00	29.97 1.86 0.00	29.79 1.70 0.00	25.38 1.34 0.00	20.67 1.03 0.00	20.05 0.94 0.00	19.89 0.73 0.00
HILLSIDE_115KV_TB1 80332	21.00 -0.25 0.00	20.03 -0.19 0.00	20.05 -0.13 -0.10	17.66 -0.16 -0.13	17.53 -0.05 0.00	18.79 -0.07 0.00	19.65 0.05 0.00	17.03 -0.03 0.00	16.27 0.07 0.00	16.33 0.11 0.00	17.00 0.09 0.00	16.98 0.10 0.00	18.46 0.13 0.00	18.03 0.10 0.00	17.45 0.13 0.00	17.22 0.14 0.00	18.92 0.05 0.00	26.18 0.05 0.00	28.12 0.02 0.00	28.03 -0.07 0.00	24.01 -0.03 0.00	19.56 -0.07 0.00	18.95 -0.15 0.00	19.12 -0.05 0.00
HISHELDN_WT_PWR 323625	21.06 -0.19 0.00	20.21 -0.01 0.00	20.10 -0.05 -0.07	17.76 -0.03 -0.09	17.66 0.08 0.00	18.91 0.05 0.00	19.84 0.25 0.00	17.07 0.02 0.00	16.39 0.19 0.00	16.35 0.14 0.00	17.03 0.11 0.00	17.02 0.13 0.00	18.51 0.18 0.00	17.99 0.06 0.00	17.35 0.03 0.00	17.05 -0.04 0.00	18.77 -0.10 0.00	25.91 -0.22 0.00	27.83 -0.28 0.00	27.78 -0.32 0.00	23.97 -0.07 0.00	19.49 -0.14 0.00	18.90 -0.20 0.00	19.24 0.07 0.00
HOLTSVILLE_IC_1 23690	23.35 2.10 0.00	21.92 1.70 0.00	22.13 1.63 -0.43	19.60 1.37 -0.53	18.90 1.33 0.00	20.25 1.40 0.00	21.25 1.65 0.00	18.72 1.66 0.00	17.85 1.65 0.00	18.00 1.75 -0.03	18.60 1.69 0.00	18.60 1.72 0.00	19.94 1.61 0.00	19.56 1.63 0.00	19.02 1.70 0.00	19.00 1.91 0.00	21.06 2.19 0.00	29.32 3.18 -0.01	31.46 3.30 -0.05	108.10 3.19 -76.81	53.20 2.59 -26.57	26.89 2.11 -5.15	22.55 1.97 -1.48	20.72 1.55 0.00
HOLTSVILLE_IC_10 23699	23.52 2.26 0.00	22.05 1.83 0.00	22.24 1.74 -0.43	19.70 1.47 -0.53	19.00 1.43 0.00	20.39 1.53 0.00	21.40 1.80 0.00	18.87 1.80 0.00	17.99 1.80 0.00	18.15 1.90 -0.03	18.75 1.84 0.00	18.75 1.87 0.00	20.07 1.74 0.00	19.70 1.77 0.00	19.15 1.84 0.00	19.17 2.08 0.00	21.25 2.38 0.00	29.59 3.45 -0.01	31.76 3.60 -0.05	112.90 3.49 -81.32	55.48 2.84 -28.61	27.08 2.30 -5.15	22.72 2.13 -1.48	20.84 1.68 0.00
HOLTSVILLE_IC_2 23691	23.35 2.10 0.00	21.92 1.70 0.00	22.13 1.63 -0.43	19.60 1.37 -0.53	18.90 1.33 0.00	20.25 1.40 0.00	21.25 1.65 0.00	18.72 1.66 0.00	17.85 1.65 0.00	18.00 1.75 -0.03	18.60 1.69 0.00	18.60 1.72 0.00	19.94 1.61 0.00	19.56 1.63 0.00	19.02 1.70 0.00	19.00 1.91 0.00	21.06 2.19 0.00	29.32 3.18 -0.01	31.46 3.30 -0.05	108.10 3.19 -76.81	53.20 2.59 -26.57	26.89 2.11 -5.15	22.55 1.97 -1.48	20.72 1.55 0.00

HOLTSVILLE_IC_3 23692	23.35 2.10 0.00	21.92 1.70 0.00	22.13 1.63 -0.43	19.60 1.37 -0.53	18.90 1.33 0.00	20.25 1.40 0.00	21.25 1.65 0.00	18.72 1.66 0.00	17.85 1.65 0.00	18.00 1.75 -0.03	18.60 1.69 0.00	18.60 1.72 0.00	19.94 1.61 0.00	19.56 1.63 0.00	19.02 1.70 0.00	19.00 1.91 0.00	21.06 2.19 0.00	29.32 3.18 -0.01	31.46 3.30 -0.05	108.10 3.19 -76.81	53.20 2.59 -26.57	26.89 2.11 -5.15	22.55 1.97 -1.48	20.72 1.55 0.00
HOLTSVILLE_IC_4 23693	23.35 2.10 0.00	21.92 1.70 0.00	22.13 1.63 -0.43	19.60 1.37 -0.53	18.90 1.33 0.00	20.25 1.40 0.00	21.25 1.65 0.00	18.72 1.66 0.00	17.85 1.65 0.00	18.00 1.75 -0.03	18.60 1.69 0.00	18.60 1.72 0.00	19.94 1.61 0.00	19.56 1.63 0.00	19.02 1.70 0.00	19.00 1.91 0.00	21.06 2.19 0.00	29.32 3.18 -0.01	31.46 3.30 -0.05	108.10 3.19 -76.81	53.20 2.59 -26.57	26.89 2.11 -5.15	22.55 1.97 -1.48	20.72 1.55 0.00
HOLTSVILLE_IC_5 23694	23.35 2.10 0.00	21.92 1.70 0.00	22.13 1.63 -0.43	19.60 1.37 -0.53	18.90 1.33 0.00	20.25 1.40 0.00	21.25 1.65 0.00	18.72 1.66 0.00	17.85 1.65 0.00	18.00 1.75 -0.03	18.60 1.69 0.00	18.60 1.72 0.00	19.94 1.61 0.00	19.56 1.63 0.00	19.02 1.70 0.00	19.00 1.91 0.00	21.06 2.19 0.00	29.32 3.18 -0.01	31.46 3.30 -0.05	108.10 3.19 -76.81	53.20 2.59 -26.57	26.89 2.11 -5.15	22.55 1.97 -1.48	20.72 1.55 0.00
HOLTSVILLE_IC_6 23695	23.52 2.26 0.00	22.05 1.83 0.00	22.24 1.74 -0.43	19.70 1.47 -0.53	19.00 1.43 0.00	20.39 1.53 0.00	21.40 1.80 0.00	18.87 1.80 0.00	17.99 1.80 0.00	18.15 1.90 -0.03	18.75 1.84 0.00	18.75 1.87 0.00	20.07 1.74 0.00	19.70 1.77 0.00	19.15 1.84 0.00	19.17 2.08 0.00	21.25 2.38 0.00	29.59 3.45 -0.01	31.76 3.60 -0.05	112.90 3.49 -81.32	55.48 2.84 -28.61	27.08 2.30 -5.15	22.72 2.13 -1.48	20.84 1.68 0.00
HOLTSVILLE_IC_7 23696	23.52 2.26 0.00	22.05 1.83 0.00	22.24 1.74 -0.43	19.70 1.47 -0.53	19.00 1.43 0.00	20.39 1.53 0.00	21.40 1.80 0.00	18.87 1.80 0.00	17.99 1.80 0.00	18.15 1.90 -0.03	18.75 1.84 0.00	18.75 1.87 0.00	20.07 1.74 0.00	19.70 1.77 0.00	19.15 1.84 0.00	19.17 2.08 0.00	21.25 2.38 0.00	29.59 3.45 -0.01	31.76 3.60 -0.05	112.90 3.49 -81.32	55.48 2.84 -28.61	27.08 2.30 -5.15	22.72 2.13 -1.48	20.84 1.68 0.00
HOLTSVILLE_IC_8 23697	23.52 2.26 0.00	22.05 1.83 0.00	22.24 1.74 -0.43	19.70 1.47 -0.53	19.00 1.43 0.00	20.39 1.53 0.00	21.40 1.80 0.00	18.87 1.80 0.00	17.99 1.80 0.00	18.15 1.90 -0.03	18.75 1.84 0.00	18.75 1.87 0.00	20.07 1.74 0.00	19.70 1.77 0.00	19.15 1.84 0.00	19.17 2.08 0.00	21.25 2.38 0.00	29.59 3.45 -0.01	31.76 3.60 -0.05	112.90 3.49 -81.32	55.48 2.84 -28.61	27.08 2.30 -5.15	22.72 2.13 -1.48	20.84 1.68 0.00
HOLTSVILLE_IC_9 23698	23.52 2.26 0.00	22.05 1.83 0.00	22.24 1.74 -0.43	19.70 1.47 -0.53	19.00 1.43 0.00	20.39 1.53 0.00	21.40 1.80 0.00	18.87 1.80 0.00	17.99 1.80 0.00	18.15 1.90 -0.03	18.75 1.84 0.00	18.75 1.87 0.00	20.07 1.74 0.00	19.70 1.77 0.00	19.15 1.84 0.00	19.17 2.08 0.00	21.25 2.38 0.00	29.59 3.45 -0.01	31.76 3.60 -0.05	112.90 3.49 -81.32	55.48 2.84 -28.61	27.08 2.30 -5.15	22.72 2.13 -1.48	20.84 1.68 0.00
HOMER_HL_115KV_TB2 355744	21.21 -0.05 0.00	20.31 0.09 0.00	20.26 0.11 -0.08	17.84 0.04 -0.09	17.73 0.15 0.00	19.04 0.19 0.00	20.02 0.42 0.00	17.33 0.27 0.00	16.63 0.44 0.00	16.72 0.50 0.00	17.44 0.53 0.00	17.39 0.51 0.00	18.83 0.49 0.00	18.37 0.44 0.00	17.73 0.41 0.00	17.44 0.35 0.00	19.07 0.20 0.00	26.30 0.17 0.00	28.19 0.09 0.00	28.06 -0.04 0.00	24.13 0.09 0.00	19.63 -0.01 0.00	19.15 0.05 0.00	19.38 0.22 0.00
HOWARD_WT_PWR 323690	21.01 -0.24 0.00	20.22 0.00 0.00	20.23 0.07 -0.08	17.91 0.11 -0.10	17.90 0.32 0.00	19.13 0.27 0.00	20.05 0.45 0.00	17.34 0.28 0.00	16.58 0.38 0.00	16.47 0.26 0.00	17.16 0.25 0.00	17.11 0.23 0.00	18.64 0.31 0.00	18.14 0.21 0.00	17.47 0.16 0.00	17.21 0.13 0.00	18.93 0.06 0.00	26.31 0.18 0.00	28.43 0.33 0.00	28.48 0.38 0.00	24.46 0.42 0.00	19.92 0.28 0.00	19.32 0.22 0.00	19.52 0.35 0.00
HQ_GEN_CEDARS 23644	20.86 -0.39 0.00	19.88 -0.34 0.00	19.71 -0.36 0.00	17.40 -0.30 0.00	17.29 -0.28 0.00	18.60 -0.26 0.00	19.37 -0.23 0.00	16.88 -0.18 0.00	16.00 -0.20 0.00	16.00 -0.22 0.00	16.74 -0.17 0.00	16.71 -0.17 0.00	18.19 -0.14 0.00	17.77 -0.16 0.00	17.10 -0.22 0.00	16.82 -0.26 0.00	18.63 -0.25 0.00	25.73 -0.40 0.00	27.62 -0.49 0.00	27.71 -0.39 0.00	23.76 -0.28 0.00	19.47 -0.17 0.00	18.96 -0.14 0.00	19.05 -0.12 0.00
HQ_GEN_CEDARS_PROXY 323590	20.28 -0.39 0.58	19.88 -0.34 0.00	19.71 -0.36 0.00	17.40 -0.30 0.00	17.29 -0.28 0.00	18.56 -0.27 0.03	19.37 -0.23 0.00	16.88 -0.18 0.00	15.99 -0.20 0.00	16.00 -0.22 0.00	16.74 -0.17 0.00	16.71 -0.17 0.00	18.20 -0.13 0.00	17.77 -0.15 0.00	17.10 -0.22 0.00	16.82 -0.26 0.00	18.63 -0.25 0.00	28.21 -0.40 -2.48	27.62 -0.49 0.00	27.71 -0.39 0.00	23.76 -0.28 0.00	19.47 -0.17 0.00	18.96 -0.14 0.00	19.05 -0.12 0.00
HQ_GEN_IMPORT 323601	20.46 -0.23 0.57	20.02 -0.20 0.00	19.86 -0.22 0.00	17.53 -0.18 0.00	17.41 -0.16 0.00	18.70 -0.16 0.00	19.45 -0.14 0.00	16.95 -0.11 0.00	16.08 -0.11 0.00	16.10 -0.11 0.00	16.85 -0.07 0.00	16.81 -0.07 0.00	18.27 -0.06 0.00	17.86 -0.07 0.00	17.19 -0.13 0.00	16.94 -0.15 0.00	18.73 -0.14 0.00	25.89 -0.24 0.00	27.80 -0.31 0.00	27.81 -0.29 0.00	23.82 -0.22 0.00	19.52 -0.12 0.00	19.02 -0.09 0.00	19.11 -0.06 0.00
HQ_GEN_WHEEL 23651	20.46 -0.23 0.57	20.02 -0.20 0.00	19.86 -0.22 0.00	17.53 -0.18 0.00	17.41 -0.16 0.00	18.70 -0.16 0.00	19.45 -0.14 0.00	16.95 -0.11 0.00	16.08 -0.11 0.00	16.10 -0.11 0.00	16.85 -0.07 0.00	16.81 -0.07 0.00	18.27 -0.06 0.00	17.86 -0.07 0.00	17.19 -0.13 0.00	16.94 -0.15 0.00	18.73 -0.14 0.00	25.89 -0.24 0.00	27.80 -0.31 0.00	27.81 -0.29 0.00	23.82 -0.22 0.00	19.52 -0.12 0.00	19.02 -0.09 0.00	19.11 -0.06 0.00
HUDSON_AVE_GT_3 23810	22.60 1.35 0.00	21.37 1.15 0.00	21.59 1.08 -0.43	19.14 0.91 -0.53	18.45 0.88 0.00	19.73 0.87 0.00	20.59 1.00 0.00	18.11 1.05 0.00	17.25 1.05 0.00	17.42 1.18 -0.03	18.11 1.19 0.00	18.11 1.23 0.00	19.66 1.33 0.00	19.28 1.35 0.00	18.75 1.44 0.00	18.58 1.50 0.00	20.51 1.64 0.00	28.37 2.24 0.00	30.36 2.26 0.00	30.19 2.09 0.00	25.75 1.71 0.00	20.96 1.33 0.00	20.29 1.19 0.00	20.08 0.92 0.00
HUDSON_AVE_GT_4 23540	22.60 1.35 0.00	21.37 1.15 0.00	21.59 1.08 -0.43	19.14 0.91 -0.53	18.45 0.88 0.00	19.73 0.87 0.00	20.59 1.00 0.00	18.11 1.05 0.00	17.25 1.05 0.00	17.42 1.18 -0.03	18.11 1.19 0.00	18.11 1.23 0.00	19.66 1.33 0.00	19.28 1.35 0.00	18.75 1.44 0.00	18.58 1.50 0.00	20.51 1.64 0.00	28.37 2.24 0.00	30.36 2.26 0.00	30.19 2.09 0.00	25.75 1.71 0.00	20.96 1.33 0.00	20.29 1.19 0.00	20.08 0.92 0.00

HUDSON_AVE_GT_5 23657	22.60 1.35 0.00	21.37 1.15 0.00	21.59 1.08 -0.43	19.14 0.91 -0.53	18.45 0.88 0.00	19.73 0.87 0.00	20.59 1.00 0.00	18.11 1.05 0.00	17.25 1.05 0.00	17.42 1.18 -0.03	18.11 1.19 0.00	18.11 1.23 0.00	19.66 1.33 0.00	19.28 1.35 0.00	18.75 1.44 0.00	18.58 1.50 0.00	20.51 1.64 0.00	28.37 2.24 0.00	30.36 2.26 0.00	30.19 2.09 0.00	25.75 1.71 0.00	20.96 1.33 0.00	20.29 1.19 0.00	20.08 0.92 0.00
HUDSON_AVE_10 24168	22.52 1.26 0.00	21.29 1.07 0.00	21.51 1.00 -0.43	19.07 0.84 -0.53	18.39 0.82 0.00	19.66 0.80 0.00	20.50 0.91 0.00	18.03 0.98 0.00	17.17 0.97 0.00	17.34 1.09 -0.03	18.00 1.09 0.00	18.01 1.13 0.00	19.53 1.21 0.01	19.17 1.24 0.00	18.64 1.33 0.00	18.47 1.39 0.00	20.39 1.52 0.00	28.20 2.07 0.00	30.21 2.10 0.00	30.04 1.95 0.00	25.63 1.59 0.00	20.86 1.23 0.00	20.21 1.11 0.00	19.99 0.83 0.00
HUDSON___115KV_TB 4 355613	22.15 0.90 0.00	21.17 0.95 0.00	21.61 1.00 -0.53	19.22 0.87 -0.65	18.30 0.72 0.00	19.63 0.77 0.00	20.42 0.82 0.00	17.78 0.72 0.00	16.78 0.58 0.00	16.69 0.46 -0.01	17.26 0.35 0.00	17.19 0.31 0.00	18.68 0.34 0.00	18.34 0.42 0.00	17.80 0.49 0.00	17.55 0.47 0.00	19.45 0.58 0.00	27.13 0.99 0.00	29.40 1.30 0.00	29.49 1.39 0.00	25.18 1.14 0.00	20.48 0.85 0.00	19.87 0.77 0.00	19.74 0.57 0.00
HUNTER MOUNT___DRP 323613	22.26 1.01 0.00	21.29 1.07 0.00	21.72 1.13 -0.51	19.31 0.98 -0.63	18.40 0.82 0.00	19.75 0.89 0.00	20.56 0.97 0.00	17.89 0.83 0.00	16.86 0.66 0.00	16.71 0.49 0.00	17.26 0.34 0.00	17.18 0.30 0.00	18.66 0.33 0.00	18.35 0.42 0.00	17.79 0.47 0.00	17.56 0.48 0.00	19.47 0.60 0.00	27.20 1.07 0.00	29.56 1.46 0.00	29.68 1.59 0.00	25.35 1.31 0.00	20.61 0.98 0.00	19.98 0.88 0.00	19.83 0.67 0.00
HUNTINGTON_RES_REC 323705	23.23 1.97 0.00	21.80 1.58 0.00	22.00 1.49 -0.43	19.49 1.26 -0.53	18.79 1.21 0.00	20.15 1.30 0.00	21.12 1.53 0.00	18.57 1.52 0.00	17.71 1.51 0.00	17.86 1.61 -0.03	18.43 1.52 0.00	18.46 1.58 0.00	19.80 1.47 0.00	19.42 1.49 0.00	18.90 1.58 0.00	18.88 1.79 0.00	20.94 2.06 -0.01	29.16 3.01 -0.02	31.27 3.11 -0.05	103.41 2.99 -72.32	66.18 2.43 -39.71	26.73 1.96 -5.14	22.41 1.83 -1.48	20.59 1.42 0.00
HUNTLEY___63 23557	21.27 0.02 0.00	20.39 0.17 0.00	20.17 0.02 -0.06	17.82 0.04 -0.08	17.72 0.15 0.00	19.04 0.18 0.00	19.96 0.36 0.00	17.13 0.07 0.00	16.42 0.23 0.00	16.38 0.16 0.00	17.04 0.13 0.00	17.02 0.14 0.00	18.56 0.23 0.00	17.97 0.04 0.00	17.31 0.00 0.00	16.98 -0.10 0.00	18.69 -0.18 0.00	25.75 -0.39 0.00	27.64 -0.46 0.00	27.60 -0.49 0.00	23.85 -0.19 0.00	19.36 -0.27 0.00	18.82 -0.28 0.00	19.26 0.09 0.00
HUNTLEY___64 23558	21.27 0.02 0.00	20.39 0.17 0.00	20.17 0.02 -0.06	17.82 0.04 -0.08	17.72 0.15 0.00	19.04 0.18 0.00	19.96 0.36 0.00	17.13 0.07 0.00	16.42 0.23 0.00	16.38 0.16 0.00	17.04 0.13 0.00	17.02 0.14 0.00	18.56 0.23 0.00	17.97 0.04 0.00	17.31 0.00 0.00	16.98 -0.10 0.00	18.69 -0.18 0.00	25.75 -0.39 0.00	27.64 -0.46 0.00	27.60 -0.49 0.00	23.85 -0.19 0.00	19.36 -0.27 0.00	18.82 -0.28 0.00	19.26 0.09 0.00
HUNTLEY___65 23559	21.27 0.02 0.00	20.39 0.17 0.00	20.17 0.02 -0.06	17.82 0.04 -0.08	17.72 0.15 0.00	19.04 0.18 0.00	19.96 0.36 0.00	17.13 0.07 0.00	16.42 0.23 0.00	16.38 0.16 0.00	17.04 0.13 0.00	17.02 0.14 0.00	18.56 0.23 0.00	17.97 0.04 0.00	17.31 0.00 0.00	16.98 -0.10 0.00	18.69 -0.18 0.00	25.75 -0.39 0.00	27.64 -0.46 0.00	27.60 -0.49 0.00	23.85 -0.19 0.00	19.36 -0.27 0.00	18.82 -0.28 0.00	19.26 0.09 0.00
HUNTLEY___66 23560	21.27 0.02 0.00	20.39 0.17 0.00	20.17 0.02 -0.06	17.82 0.04 -0.08	17.72 0.15 0.00	19.04 0.18 0.00	19.96 0.36 0.00	17.13 0.07 0.00	16.42 0.23 0.00	16.38 0.16 0.00	17.04 0.13 0.00	17.02 0.14 0.00	18.56 0.23 0.00	17.97 0.04 0.00	17.31 0.00 0.00	16.98 -0.10 0.00	18.69 -0.18 0.00	25.75 -0.39 0.00	27.64 -0.46 0.00	27.60 -0.49 0.00	23.85 -0.19 0.00	19.36 -0.27 0.00	18.82 -0.28 0.00	19.26 0.09 0.00
HUNTLEY___67 23561	21.04 -0.21 0.00	20.17 -0.05 0.00	19.95 -0.19 -0.06	17.63 -0.15 -0.08	17.53 -0.05 0.00	18.83 -0.03 0.00	19.74 0.14 0.00	16.95 -0.11 0.00	16.27 0.07 0.00	16.24 0.02 0.00	16.90 -0.02 0.00	16.88 0.00 0.00	18.37 0.03 0.00	17.82 -0.11 0.00	17.16 -0.15 0.00	16.85 -0.23 0.00	18.54 -0.33 0.00	25.55 -0.59 0.00	27.39 -0.71 0.00	27.36 -0.73 0.00	23.65 -0.39 0.00	19.22 -0.42 0.00	18.69 -0.41 0.00	19.07 -0.09 0.00
HUNTLEY___68 23562	21.04 -0.21 0.00	20.17 -0.05 0.00	19.95 -0.19 -0.06	17.63 -0.15 -0.08	17.53 -0.05 0.00	18.83 -0.03 0.00	19.74 0.14 0.00	16.95 -0.11 0.00	16.27 0.07 0.00	16.24 0.02 0.00	16.90 -0.02 0.00	16.88 0.00 0.00	18.37 0.03 0.00	17.82 -0.11 0.00	17.16 -0.15 0.00	16.85 -0.23 0.00	18.54 -0.33 0.00	25.55 -0.59 0.00	27.39 -0.71 0.00	27.36 -0.73 0.00	23.65 -0.39 0.00	19.22 -0.42 0.00	18.69 -0.41 0.00	19.07 -0.09 0.00
HYLAND___LFGE 323620	22.03 0.77 0.00	21.01 0.80 0.00	20.87 0.73 -0.07	18.43 0.64 -0.08	18.34 0.77 0.00	19.75 0.89 0.00	20.74 1.15 0.00	17.90 0.84 0.00	16.77 0.58 0.00	16.58 0.36 0.00	17.22 0.31 0.00	17.17 0.29 0.00	18.63 0.30 0.00	18.17 0.24 0.00	17.52 0.21 0.00	17.25 0.16 0.00	19.01 0.14 0.00	26.36 0.23 0.00	28.55 0.44 0.00	29.15 1.06 0.00	25.36 1.32 0.00	20.62 0.99 0.00	19.94 0.84 0.00	20.09 0.92 0.00
INDECK___CORINTH 23802	21.81 0.56 0.00	20.65 0.43 0.00	21.09 0.44 -0.57	18.75 0.35 -0.70	17.86 0.29 0.00	19.30 0.45 0.00	20.10 0.50 0.00	17.47 0.41 0.00	16.49 0.29 0.00	16.33 0.11 -0.01	16.98 0.07 0.00	16.94 0.06 0.00	18.39 0.06 0.00	18.08 0.15 0.00	17.66 0.34 0.00	17.41 0.32 0.00	19.27 0.40 0.00	26.92 0.79 0.00	29.23 1.12 0.00	29.16 1.06 0.00	24.93 0.88 0.00	20.32 0.69 0.00	19.64 0.54 0.00	19.44 0.27 0.00
INDECK___ILION 23567	21.24 -0.01 0.00	20.24 0.03 0.00	20.15 0.08 0.00	17.75 0.05 0.00	17.61 0.03 0.00	18.88 0.02 0.00	19.62 0.02 0.00	17.08 0.02 0.00	16.17 -0.03 0.00	16.16 -0.06 0.00	16.79 -0.12 0.00	16.74 -0.14 0.00	18.22 -0.11 0.00	17.84 -0.09 0.00	17.30 -0.01 0.00	17.03 -0.05 0.00	18.82 -0.05 0.00	26.11 -0.02 0.00	28.25 0.15 0.00	28.30 0.20 0.00	24.14 0.10 0.00	19.68 0.05 0.00	19.16 0.05 0.00	19.12 -0.05 0.00
INDECK___OLEAN 23982	21.19 -0.06 0.00	20.31 0.10 0.00	20.28 0.12 -0.08	17.84 0.05 -0.09	17.73 0.15 0.00	18.99 0.14 0.00	20.01 0.41 0.00	17.33 0.27 0.00	16.63 0.44 0.00	16.72 0.50 0.00	17.44 0.53 0.00	17.39 0.51 0.00	18.82 0.49 0.00	18.37 0.44 0.00	17.73 0.41 0.00	17.44 0.35 0.00	19.07 0.20 0.00	26.30 0.17 0.00	28.19 0.09 0.00	28.06 -0.04 0.00	24.13 0.09 0.00	19.64 0.00 0.00	19.12 0.02 0.00	19.37 0.20 0.00

INDECK___OSWEGO 23783	20.95 -0.30 0.00	19.93 -0.28 0.00	19.81 -0.30 -0.03	17.46 -0.28 -0.04	17.32 -0.25 0.00	18.57 -0.28 0.00	19.27 -0.33 0.00	16.72 -0.34 0.00	15.89 -0.31 0.00	15.89 -0.32 0.00	16.54 -0.37 0.00	16.50 -0.38 0.00	17.90 -0.43 0.00	17.49 -0.45 0.00	16.89 -0.43 0.00	16.67 -0.42 0.00	18.38 -0.49 0.00	25.47 -0.66 0.00	27.45 -0.65 0.00	27.45 -0.65 0.00	23.52 -0.52 0.00	19.19 -0.45 0.00	18.67 -0.43 0.00	18.85 -0.32 0.00
INDECK___YERKES 23781	21.28 0.03 0.00	20.42 0.20 0.00	20.19 0.05 -0.06	17.84 0.06 -0.08	17.75 0.18 0.00	19.00 0.14 0.00	19.97 0.37 0.00	17.15 0.09 0.00	16.45 0.25 0.00	16.40 0.18 0.00	17.06 0.15 0.00	17.05 0.17 0.00	18.58 0.25 0.00	17.99 0.06 0.00	17.34 0.02 0.00	17.00 -0.09 0.00	18.73 -0.14 0.00	25.78 -0.35 0.00	27.68 -0.42 0.00	27.64 -0.46 0.00	23.88 -0.16 0.00	19.39 -0.24 0.00	18.80 -0.30 0.00	19.27 0.10 0.00
INDIAN POINT_GT_1 24139	22.37 1.11 0.00	21.17 0.95 0.00	21.41 0.92 -0.42	18.99 0.77 -0.52	18.31 0.74 0.00	19.59 0.73 0.00	20.44 0.84 0.00	17.95 0.89 0.00	17.07 0.87 0.00	17.22 0.97 -0.04	17.89 0.98 0.00	17.90 1.02 0.00	19.42 1.09 0.00	19.04 1.11 0.00	18.52 1.20 0.00	18.35 1.26 0.00	20.25 1.38 0.00	28.06 1.93 0.00	30.07 1.97 0.00	29.92 1.83 0.00	25.52 1.47 0.00	20.77 1.13 0.00	20.12 1.01 0.00	19.92 0.76 0.00
INDIAN POINT_GT_2 23659	22.37 1.11 0.00	21.17 0.95 0.00	21.41 0.92 -0.42	18.99 0.77 -0.52	18.31 0.74 0.00	19.59 0.73 0.00	20.44 0.84 0.00	17.95 0.89 0.00	17.07 0.87 0.00	17.22 0.97 -0.04	17.89 0.98 0.00	17.90 1.02 0.00	19.42 1.09 0.00	19.04 1.11 0.00	18.52 1.20 0.00	18.35 1.26 0.00	20.25 1.38 0.00	28.06 1.93 0.00	30.07 1.97 0.00	29.92 1.83 0.00	25.52 1.47 0.00	20.77 1.13 0.00	20.12 1.01 0.00	19.92 0.76 0.00
INDIAN POINT_GT_3 24019	22.37 1.11 0.00	21.17 0.95 0.00	21.41 0.92 -0.42	18.99 0.77 -0.52	18.31 0.74 0.00	19.59 0.73 0.00	20.44 0.84 0.00	17.95 0.89 0.00	17.07 0.87 0.00	17.22 0.97 -0.04	17.89 0.98 0.00	17.90 1.02 0.00	19.42 1.09 0.00	19.04 1.11 0.00	18.52 1.20 0.00	18.35 1.26 0.00	20.25 1.38 0.00	28.06 1.93 0.00	30.07 1.97 0.00	29.92 1.83 0.00	25.52 1.47 0.00	20.77 1.13 0.00	20.12 1.01 0.00	19.92 0.76 0.00
INDIAN POINT___2 23530	22.32 1.07 0.00	21.13 0.91 0.00	21.37 0.88 -0.42	18.94 0.73 -0.51	18.28 0.70 0.00	19.56 0.71 0.00	20.40 0.80 0.00	17.92 0.86 0.00	17.03 0.84 0.00	17.20 0.94 -0.05	17.87 0.95 0.00	17.87 0.99 0.00	19.39 1.06 0.00	19.02 1.09 0.00	18.50 1.18 0.00	18.33 1.24 0.00	20.21 1.34 0.00	28.02 1.88 0.00	30.03 1.93 0.00	29.87 1.78 0.00	25.47 1.43 0.00	20.73 1.09 0.00	20.09 0.99 0.00	19.89 0.73 0.00
INDIAN POINT___3 23531	22.34 1.09 0.00	21.13 0.91 0.00	21.39 0.89 -0.42	18.97 0.75 -0.52	18.29 0.71 0.00	19.56 0.70 0.00	20.41 0.82 0.00	17.92 0.86 0.00	17.04 0.85 0.00	17.19 0.94 -0.04	17.87 0.95 0.00	17.87 0.99 0.00	19.39 1.06 0.00	19.01 1.08 0.00	18.49 1.18 0.00	18.32 1.23 0.00	20.21 1.34 0.00	28.01 1.88 0.00	30.03 1.93 0.00	29.88 1.78 0.00	25.47 1.43 0.00	20.74 1.11 0.00	20.09 0.99 0.00	19.89 0.73 0.00
INGHAM_C_115KV_TB7 356103	21.06 -0.19 0.00	20.12 -0.10 0.00	20.11 0.03 0.00	17.69 -0.02 0.00	17.52 -0.05 0.00	18.78 -0.08 0.00	19.50 -0.10 0.00	16.96 -0.09 0.00	15.99 -0.21 0.00	15.94 -0.28 0.00	16.50 -0.41 0.00	16.41 -0.47 0.00	17.93 -0.40 0.00	17.58 -0.35 0.00	17.13 -0.19 0.00	16.80 -0.28 0.00	18.59 -0.28 0.00	25.83 -0.30 0.00	28.13 0.03 0.00	28.24 0.14 0.00	24.02 -0.02 0.00	19.56 -0.07 0.00	19.06 -0.04 0.00	18.91 -0.26 0.00
IP CORINTH___1 23988	21.92 0.67 0.00	20.75 0.53 0.00	21.20 0.55 -0.57	18.85 0.45 -0.70	17.96 0.39 0.00	19.37 0.52 0.00	20.20 0.60 0.00	17.56 0.50 0.00	16.58 0.38 0.00	16.42 0.20 -0.01	17.08 0.16 0.00	17.03 0.15 0.00	18.48 0.15 0.00	18.18 0.25 0.00	17.75 0.43 0.00	17.50 0.42 0.00	19.37 0.50 0.00	27.07 0.94 0.00	29.39 1.28 0.00	29.32 1.22 0.00	25.06 1.02 0.00	20.42 0.79 0.00	19.72 0.62 0.00	19.53 0.37 0.00
IP___TICONDEROGA 23804	22.97 1.71 0.00	21.64 1.42 0.00	22.05 1.40 -0.57	19.51 1.11 -0.70	18.70 1.13 0.00	20.27 1.42 0.00	21.20 1.60 0.00	18.45 1.39 0.00	17.22 1.03 0.00	16.93 0.71 -0.01	17.61 0.69 0.00	17.60 0.72 0.00	19.19 0.85 0.00	18.85 0.92 0.00	18.51 1.19 0.00	18.27 1.19 0.00	20.35 1.48 0.00	28.77 2.64 0.00	31.56 3.45 0.00	31.32 3.22 0.00	26.85 2.81 0.00	21.68 2.05 0.00	20.86 1.76 0.00	20.76 1.59 0.00
ISLIP_RES_REC 323679	23.64 2.38 0.00	22.14 1.92 0.00	22.34 1.84 -0.43	19.78 1.55 -0.53	19.08 1.50 0.00	20.47 1.62 0.00	21.50 1.91 0.00	18.96 1.90 0.00	18.09 1.89 0.00	18.25 2.01 -0.03	18.86 1.95 0.00	18.86 1.98 0.00	20.18 1.85 0.00	19.81 1.88 0.00	19.27 1.95 0.00	19.29 2.21 0.00	21.40 2.53 0.00	29.80 3.66 -0.01	31.98 3.82 -0.05	107.48 3.71 -75.67	53.11 3.02 -26.05	27.21 2.43 -5.15	22.82 2.24 -1.48	20.94 1.77 0.00
JAMAICA___27_KV_LOAD 355505	22.69 1.43 0.00	21.45 1.24 0.00	21.67 1.16 -0.43	19.21 0.98 -0.53	18.54 0.96 0.00	19.80 0.95 0.00	20.65 1.06 0.00	18.15 1.09 0.00	17.27 1.07 0.00	17.42 1.17 -0.03	18.03 1.12 0.00	18.04 1.16 0.00	19.55 1.22 0.01	19.21 1.28 0.00	18.66 1.35 0.00	18.51 1.42 0.00	20.44 1.57 0.00	28.28 2.15 0.00	30.34 2.23 0.00	30.19 2.09 0.00	25.76 1.72 0.00	20.97 1.33 0.00	20.33 1.23 0.00	20.11 0.94 0.00
JANIS___SOLAR 323808	22.03 0.78 0.00	20.99 0.78 0.00	20.97 0.79 -0.10	18.49 0.66 -0.13	18.28 0.70 0.00	19.64 0.78 0.00	20.51 0.91 0.00	17.81 0.75 0.00	16.86 0.66 0.00	16.72 0.50 0.00	17.28 0.37 0.00	17.19 0.31 0.00	18.68 0.35 0.00	18.23 0.30 0.00	17.61 0.29 0.00	17.38 0.29 0.00	19.26 0.39 0.00	26.87 0.74 0.00	29.31 1.20 0.00	29.51 1.41 0.00	25.29 1.25 0.00	20.54 0.91 0.00	19.90 0.80 0.00	19.98 0.81 0.00
JARVIS____ 23743	21.30 0.04 0.00	20.26 0.05 0.00	20.13 0.05 0.00	17.74 0.04 0.00	17.61 0.04 0.00	18.89 0.04 0.00	19.64 0.04 0.00	17.09 0.03 0.00	16.24 0.03 0.00	16.25 0.03 0.00	16.93 0.02 0.00	16.89 0.02 0.00	18.34 0.01 0.00	17.94 0.01 0.00	17.35 0.04 0.00	17.12 0.03 0.00	18.91 0.04 0.00	26.21 0.08 0.00	28.23 0.12 0.00	28.23 0.13 0.00	24.13 0.09 0.00	19.69 0.06 0.00	19.16 0.05 0.00	19.19 0.02 0.00
JENNISON___1 23625	22.14 0.88 0.00	21.08 0.86 0.00	21.09 0.88 -0.13	18.61 0.74 -0.16	18.37 0.80 0.00	19.74 0.88 0.00	20.60 1.00 0.00	17.90 0.84 0.00	17.02 0.82 0.00	16.98 0.76 0.00	17.62 0.71 0.00	17.55 0.67 0.00	19.10 0.78 0.00	18.67 0.74 0.00	18.05 0.73 0.00	17.79 0.71 0.00	19.67 0.80 0.00	27.37 1.24 0.00	29.69 1.59 0.00	29.73 1.63 0.00	25.43 1.38 0.00	20.65 1.02 0.00	20.02 0.92 0.00	20.06 0.89 0.00

JENNISON___2 23626	22.14 0.88 0.00	21.08 0.86 0.00	21.09 0.88 -0.13	18.61 0.74 -0.16	18.37 0.80 0.00	19.74 0.88 0.00	20.60 1.00 0.00	17.90 0.84 0.00	17.02 0.82 0.00	16.98 0.76 0.00	17.62 0.71 0.00	17.55 0.67 0.00	19.10 0.78 0.00	18.67 0.74 0.00	18.05 0.73 0.00	17.79 0.71 0.00	19.67 0.80 0.00	27.37 1.24 0.00	29.69 1.59 0.00	29.73 1.63 0.00	25.43 1.38 0.00	20.65 1.02 0.00	20.02 0.92 0.00	20.06 0.89 0.00
JERICHO_RISE_WT_PWR 323719	20.94 -0.31 0.00	19.90 -0.32 0.00	19.79 -0.28 0.00	17.50 -0.20 0.00	17.45 -0.13 0.00	18.80 -0.06 0.00	19.60 0.00 0.00	17.10 0.04 0.00	16.22 0.02 0.00	16.23 0.01 0.00	16.96 0.05 0.00	16.93 0.05 0.00	18.42 0.09 0.00	18.01 0.08 0.00	17.34 0.02 0.00	17.04 -0.04 0.00	18.86 -0.01 0.00	26.08 -0.05 0.00	28.05 -0.05 0.00	28.14 0.04 0.00	24.08 0.04 0.00	19.69 0.05 0.00	19.13 0.03 0.00	19.20 0.03 0.00
KATONAH___115KV_46KV_TB4 355592	22.52 1.27 0.00	21.31 1.09 0.00	21.56 1.05 -0.44	19.12 0.88 -0.54	18.43 0.85 0.00	19.72 0.87 0.00	20.60 1.00 0.00	18.08 1.02 0.00	17.19 0.99 0.00	17.32 1.09 -0.02	18.01 1.10 0.00	18.01 1.13 0.00	19.54 1.21 0.00	19.16 1.23 0.00	18.64 1.33 0.00	18.47 1.39 0.00	20.39 1.52 0.00	28.25 2.12 0.00	30.31 2.21 0.00	30.16 2.06 0.00	25.71 1.67 0.00	20.93 1.29 0.00	20.26 1.16 0.00	20.05 0.88 0.00
KCE_NY_1 323755	22.25 1.00 0.00	21.13 0.91 0.00	21.59 0.95 -0.57	19.18 0.78 -0.70	18.32 0.75 0.00	19.72 0.86 0.00	20.52 0.93 0.00	17.84 0.78 0.00	16.85 0.65 0.00	16.79 0.57 -0.01	17.45 0.54 0.00	17.40 0.52 0.00	18.90 0.57 0.00	18.54 0.60 0.00	18.04 0.72 0.00	17.79 0.71 0.00	19.71 0.85 0.00	27.47 1.34 0.00	29.73 1.62 0.00	29.69 1.59 0.00	25.37 1.33 0.00	20.64 1.00 0.00	20.01 0.90 0.00	19.87 0.70 0.00
KCE_NY_6_ESR 323823	21.27 0.02 0.00	20.39 0.17 0.00	20.21 0.06 -0.07	17.84 0.06 -0.08	17.74 0.17 0.00	19.00 0.14 0.00	19.98 0.38 0.00	17.18 0.12 0.00	16.50 0.30 0.00	16.47 0.25 0.00	17.15 0.24 0.00	17.14 0.26 0.00	18.65 0.32 0.00	18.12 0.19 0.00	17.46 0.15 0.00	17.15 0.07 0.00	18.88 0.01 0.00	26.02 -0.11 0.00	27.91 -0.19 0.00	27.86 -0.23 0.00	24.07 0.02 0.00	19.55 -0.08 0.00	18.95 -0.15 0.00	19.33 0.16 0.00
KEDC_PORT_JEFF_GT2 24210	23.43 2.17 0.00	21.99 1.77 0.00	22.20 1.69 -0.43	19.65 1.43 -0.53	18.95 1.38 0.00	20.32 1.46 0.00	21.33 1.74 0.00	18.80 1.74 0.00	17.93 1.74 0.00	18.08 1.84 -0.03	18.69 1.78 0.00	18.70 1.81 0.00	20.03 1.70 0.00	19.65 1.72 0.00	19.12 1.80 0.00	19.10 2.01 0.00	21.13 2.25 0.00	29.35 3.21 -0.01	31.49 3.33 -0.05	120.29 3.30 -88.89	58.83 2.75 -32.04	27.01 2.23 -5.15	22.65 2.07 -1.48	20.80 1.64 0.00
KEDC_PORT_JEFF_GT3 24211	23.43 2.17 0.00	21.99 1.77 0.00	22.20 1.69 -0.43	19.65 1.43 -0.53	18.95 1.38 0.00	20.32 1.46 0.00	21.33 1.74 0.00	18.80 1.74 0.00	17.93 1.74 0.00	18.08 1.84 -0.03	18.69 1.78 0.00	18.70 1.81 0.00	20.03 1.70 0.00	19.65 1.72 0.00	19.12 1.80 0.00	19.10 2.01 0.00	21.13 2.25 0.00	29.35 3.21 -0.01	31.49 3.33 -0.05	120.29 3.30 -88.89	58.83 2.75 -32.04	27.01 2.23 -5.15	22.65 2.07 -1.48	20.80 1.64 0.00
KEDC_GLWD_GT4 24219	22.81 1.56 0.00	21.53 1.32 0.00	21.75 1.25 -0.43	19.29 1.06 -0.53	18.60 1.02 0.00	19.90 1.04 0.00	20.79 1.19 0.00	18.25 1.19 0.00	17.25 1.06 0.00	17.43 1.18 -0.03	18.22 1.31 0.00	18.24 1.36 0.00	19.76 1.43 0.00	19.35 1.41 0.00	18.83 1.51 0.00	18.68 1.60 0.00	20.58 1.71 0.00	28.47 2.33 0.00	30.55 2.39 -0.05	48.66 2.34 -18.22	26.01 1.96 0.00	26.33 1.55 -5.14	22.00 1.41 -1.48	20.28 1.11 0.00
KEDC_GLWD_GT5 24220	22.81 1.56 0.00	21.53 1.32 0.00	21.75 1.25 -0.43	19.29 1.06 -0.53	18.60 1.02 0.00	19.90 1.04 0.00	20.79 1.19 0.00	18.25 1.19 0.00	17.25 1.06 0.00	17.43 1.18 -0.03	18.22 1.31 0.00	18.24 1.36 0.00	19.76 1.43 0.00	19.35 1.41 0.00	18.83 1.51 0.00	18.68 1.60 0.00	20.58 1.71 0.00	28.47 2.33 0.00	30.55 2.39 -0.05	48.66 2.34 -18.22	26.01 1.96 0.00	26.33 1.55 -5.14	22.00 1.41 -1.48	20.28 1.11 0.00
KENSICO____ 23655	22.44 1.19 0.00	21.23 1.01 0.00	21.48 0.97 -0.43	19.04 0.82 -0.52	18.36 0.79 0.00	19.64 0.78 0.00	20.50 0.90 0.00	18.01 0.95 0.00	17.12 0.92 0.00	17.27 1.02 -0.03	17.95 1.04 0.00	17.95 1.07 0.00	19.48 1.15 0.00	19.10 1.17 0.00	18.58 1.26 0.00	18.40 1.32 0.00	20.31 1.44 0.00	28.14 2.01 0.00	30.16 2.05 0.00	30.01 1.91 0.00	25.59 1.55 0.00	20.83 1.20 0.00	20.18 1.08 0.00	19.98 0.81 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.50 1.25 0.00	21.30 1.09 0.00	21.51 1.04 -0.39	19.06 0.88 -0.48	18.44 0.87 0.00	19.72 0.87 0.00	20.55 0.95 0.00	18.01 0.95 0.00	17.12 0.92 0.00	17.19 0.98 0.00	17.90 0.99 0.00	17.84 0.96 0.00	19.26 0.93 0.00	18.86 0.93 0.00	18.36 1.04 0.00	18.10 1.02 0.00	20.02 1.16 0.00	27.82 1.68 0.00	29.88 1.78 0.00	29.82 1.72 0.00	25.61 1.57 0.00	20.84 1.20 0.00	20.20 1.10 0.00	20.03 0.86 0.00
KIAC_JFK_GT1 23816	22.56 1.30 0.00	21.32 1.11 0.00	21.54 1.04 -0.43	19.10 0.87 -0.53	18.42 0.85 0.00	19.69 0.84 0.00	20.52 0.92 0.00	17.99 0.93 0.00	17.12 0.93 0.00	17.27 1.03 -0.03	17.88 0.97 0.00	17.89 1.02 0.00	19.37 1.05 0.01	19.03 1.10 0.00	18.49 1.17 0.00	18.36 1.27 0.00	20.26 1.39 0.00	28.04 1.91 0.00	30.06 1.96 0.00	29.92 1.82 0.00	25.53 1.48 0.00	20.78 1.14 0.00	20.15 1.05 0.00	19.92 0.75 0.00
KIAC_JFK_GT2 23817	22.56 1.30 0.00	21.32 1.11 0.00	21.54 1.04 -0.43	19.10 0.87 -0.53	18.42 0.85 0.00	19.69 0.84 0.00	20.52 0.92 0.00	17.99 0.93 0.00	17.12 0.93 0.00	17.27 1.03 -0.03	17.88 0.97 0.00	17.89 1.02 0.00	19.37 1.05 0.01	19.03 1.10 0.00	18.49 1.17 0.00	18.36 1.27 0.00	20.26 1.39 0.00	28.04 1.91 0.00	30.06 1.96 0.00	29.92 1.82 0.00	25.53 1.48 0.00	20.78 1.14 0.00	20.15 1.05 0.00	19.92 0.75 0.00
KIAC_JFK____ 323774	22.56 1.31 0.00	21.32 1.11 0.00	21.54 1.04 -0.43	19.10 0.87 -0.53	18.42 0.85 0.00	19.72 0.86 0.00	20.53 0.93 0.00	18.00 0.94 0.00	17.12 0.93 0.00	17.27 1.02 -0.03	17.88 0.97 0.00	17.89 1.02 0.00	19.37 1.05 0.01	19.03 1.10 0.00	18.48 1.17 0.00	18.35 1.27 0.00	20.26 1.39 0.00	28.04 1.91 0.00	30.06 1.96 0.00	29.92 1.82 0.00	25.53 1.48 0.00	20.77 1.14 0.00	20.16 1.06 0.00	19.92 0.76 0.00
KINTIGH____ 23543	20.97 -0.28 0.00	20.07 -0.14 0.00	19.88 -0.25 -0.05	17.56 -0.21 -0.07	17.44 -0.13 0.00	18.73 -0.13 0.00	19.62 0.02 0.00	16.89 -0.17 0.00	16.17 -0.02 0.00	16.15 -0.06 0.00	16.81 -0.10 0.00	16.78 -0.10 0.00	18.23 -0.10 0.00	17.72 -0.21 0.00	17.07 -0.25 0.00	16.77 -0.32 0.00	18.46 -0.41 0.00	25.45 -0.68 0.00	27.32 -0.78 0.00	27.29 -0.81 0.00	23.56 -0.48 0.00	19.15 -0.48 0.00	18.63 -0.47 0.00	18.97 -0.20 0.00

KNTFSRNC_46_KV_46KV_LOAD 80397	21.23 -0.03 0.00	20.16 -0.06 0.00	20.04 -0.04 0.00	17.69 -0.02 0.00	17.66 0.08 0.00	19.03 0.18 0.00	19.89 0.29 0.00	17.36 0.30 0.00	16.45 0.25 0.00	16.44 0.22 0.00	17.17 0.25 0.00	17.13 0.25 0.00	18.64 0.31 0.00	18.25 0.31 0.00	17.59 0.27 0.00	17.30 0.21 0.00	19.16 0.29 0.00	26.54 0.41 0.00	28.59 0.49 0.00	28.67 0.57 0.00	24.51 0.47 0.00	19.98 0.34 0.00	19.41 0.31 0.00	19.45 0.29 0.00
LACHUTE___HYDRO 323717	22.97 1.71 0.00	21.64 1.42 0.00	22.05 1.40 -0.57	19.51 1.11 -0.70	18.70 1.12 0.00	20.27 1.41 0.00	21.20 1.60 0.00	18.45 1.39 0.00	17.22 1.03 0.00	16.94 0.71 -0.01	17.60 0.69 0.00	17.60 0.72 0.00	19.19 0.85 0.00	18.85 0.92 0.00	18.51 1.19 0.00	18.27 1.19 0.00	20.35 1.48 0.00	28.77 2.64 0.00	31.56 3.45 0.00	31.32 3.22 0.00	26.85 2.81 0.00	21.68 2.05 0.00	20.86 1.76 0.00	20.76 1.59 0.00
LAWRNCALV_115KV_TB1 80681	20.48 -0.78 0.00	19.50 -0.71 0.00	19.32 -0.76 0.00	17.05 -0.65 0.00	16.95 -0.63 0.00	18.26 -0.60 0.00	19.03 -0.56 0.00	16.60 -0.46 0.00	15.71 -0.49 0.00	15.69 -0.52 0.00	16.41 -0.50 0.00	16.39 -0.49 0.00	17.85 -0.49 0.00	17.42 -0.51 0.00	16.77 -0.55 0.00	16.49 -0.60 0.00	18.26 -0.61 0.00	25.26 -0.88 0.00	27.14 -0.97 0.00	27.28 -0.81 0.00	23.40 -0.64 0.00	19.18 -0.45 0.00	18.67 -0.43 0.00	18.74 -0.43 0.00
LEDERLE____ 23769	22.38 1.13 0.00	21.18 0.97 0.00	21.43 0.94 -0.41	18.99 0.78 -0.50	18.33 0.75 0.00	19.60 0.74 0.00	20.45 0.85 0.00	17.97 0.91 0.00	17.09 0.89 0.00	17.18 1.00 0.04	17.93 1.02 0.00	17.95 1.07 0.00	19.49 1.16 0.00	19.12 1.19 0.00	18.60 1.28 0.00	18.42 1.33 0.00	20.32 1.45 0.00	28.16 2.03 0.00	30.18 2.08 0.00	30.00 1.91 0.00	25.57 1.53 0.00	20.81 1.18 0.00	20.15 1.05 0.00	19.96 0.80 0.00
LIGHTHSE_115KV_TB6 355974	21.13 -0.12 0.00	20.11 -0.11 0.00	19.94 -0.17 -0.03	17.54 -0.20 -0.04	17.41 -0.16 0.00	18.74 -0.12 0.00	19.50 -0.10 0.00	16.92 -0.13 0.00	16.07 -0.13 0.00	16.02 -0.19 0.00	16.63 -0.28 0.00	16.57 -0.31 0.00	17.99 -0.34 0.00	17.54 -0.40 0.00	16.94 -0.38 0.00	16.72 -0.36 0.00	18.43 -0.44 0.00	25.61 -0.52 0.00	27.68 -0.42 0.00	27.78 -0.32 0.00	23.87 -0.17 0.00	19.51 -0.12 0.00	18.98 -0.12 0.00	19.12 -0.05 0.00
LINDEN COGEN____ 23786	22.42 1.17 0.00	21.20 0.99 0.00	21.44 0.93 -0.43	19.02 0.79 -0.53	18.33 0.75 0.00	19.59 0.73 0.00	20.41 0.82 0.00	17.97 0.91 0.00	17.11 0.91 0.00	17.27 1.03 -0.03	17.97 1.05 0.00	17.97 1.10 0.00	19.50 1.17 0.00	19.12 1.19 0.00	18.60 1.28 0.00	18.43 1.34 0.00	20.32 1.45 0.00	28.10 1.97 0.00	30.09 1.98 0.00	29.93 1.83 0.00	25.53 1.48 0.00	20.77 1.14 0.00	20.13 1.02 0.00	19.92 0.75 0.00
LINDHRST_69_KV_BK1 356055	23.36 2.11 0.00	21.99 1.77 0.00	22.18 1.68 -0.43	19.65 1.42 -0.53	18.94 1.37 0.00	20.23 1.37 0.00	21.23 1.64 0.00	18.69 1.63 0.00	17.81 1.61 0.00	17.96 1.72 -0.03	18.59 1.67 0.00	18.58 1.70 0.00	20.00 1.67 0.00	19.58 1.65 0.00	19.07 1.75 0.00	19.01 1.92 0.00	21.08 2.21 0.00	29.34 3.21 0.00	31.49 3.34 -0.05	54.70 3.20 -23.40	28.98 2.58 -2.35	26.87 2.09 -5.14	22.50 1.92 -1.48	20.73 1.56 0.00
LIPA_MISC_IPP 23656	23.48 2.23 0.00	22.04 1.82 0.00	22.25 1.74 -0.43	19.69 1.46 -0.53	19.00 1.43 0.00	20.27 1.42 0.00	21.35 1.75 0.00	18.86 1.80 0.00	17.99 1.79 0.00	18.15 1.90 -0.03	18.75 1.84 0.00	18.75 1.87 0.00	20.05 1.72 0.00	19.68 1.75 0.00	19.12 1.81 0.00	19.14 2.05 0.00	21.21 2.34 0.00	29.56 3.43 0.00	31.75 3.59 -0.05	109.23 3.48 -77.65	53.82 2.83 -26.95	27.08 2.31 -5.14	22.66 2.08 -1.48	20.82 1.65 0.00
LISF___SOLAR 323691	23.54 2.28 0.00	22.08 1.86 0.00	22.28 1.78 -0.43	19.72 1.50 -0.53	19.03 1.46 0.00	20.39 1.53 0.00	21.41 1.81 0.00	18.88 1.83 0.00	18.01 1.81 0.00	18.16 1.91 -0.03	18.76 1.85 0.00	18.75 1.88 0.00	20.06 1.73 0.00	19.70 1.76 0.00	19.13 1.81 0.00	19.14 2.05 0.00	21.23 2.35 0.00	29.61 3.47 -0.01	31.80 3.64 -0.05	110.13 3.53 -78.50	54.24 2.87 -27.33	27.11 2.33 -5.15	22.74 2.16 -1.48	20.87 1.70 0.00
LITTLE FALLS___HYD 24013	21.06 -0.19 0.00	20.12 -0.10 0.00	20.11 0.03 0.00	17.69 -0.02 0.00	17.52 -0.05 0.00	18.78 -0.08 0.00	19.50 -0.10 0.00	16.96 -0.09 0.00	15.99 -0.21 0.00	15.94 -0.28 0.00	16.50 -0.41 0.00	16.41 -0.47 0.00	17.93 -0.40 0.00	17.58 -0.35 0.00	17.13 -0.19 0.00	16.80 -0.28 0.00	18.59 -0.28 0.00	25.83 -0.30 0.00	28.13 0.03 0.00	28.24 0.14 0.00	24.02 -0.02 0.00	19.56 -0.07 0.00	19.06 -0.04 0.00	18.91 -0.26 0.00
LITTLRIV_115KV_TB1 356100	20.67 -0.58 0.00	19.71 -0.51 0.00	19.52 -0.56 0.00	17.22 -0.48 0.00	17.12 -0.46 0.00	18.46 -0.40 0.00	19.24 -0.36 0.00	16.77 -0.29 0.00	15.84 -0.36 0.00	15.80 -0.42 0.00	16.54 -0.37 0.00	16.52 -0.36 0.00	18.03 -0.30 0.00	17.60 -0.33 0.00	16.94 -0.38 0.00	16.61 -0.48 0.00	18.40 -0.48 0.00	25.45 -0.69 0.00	27.38 -0.73 0.00	27.58 -0.52 0.00	23.68 -0.36 0.00	19.40 -0.24 0.00	18.89 -0.21 0.00	18.97 -0.20 0.00
LI_NEWBRDGE___DRP 323616	22.83 1.58 0.00	21.52 1.30 0.00	21.75 1.24 -0.43	19.28 1.05 -0.53	18.58 1.01 0.00	19.84 0.98 0.00	20.78 1.19 0.00	18.28 1.22 0.00	17.38 1.18 0.00	17.55 1.30 -0.03	18.17 1.26 0.00	18.19 1.31 0.00	19.63 1.30 0.00	19.21 1.27 0.00	18.70 1.38 0.00	18.58 1.50 0.00	20.57 1.70 0.00	28.58 2.45 0.00	30.65 2.50 -0.05	48.69 2.38 -18.22	25.95 1.91 0.00	26.32 1.54 -5.14	22.01 1.42 -1.48	20.27 1.11 0.00
LOCKPORT_115KV_TB60_63_64 80432	21.11 -0.15 0.00	20.25 0.03 0.00	20.01 -0.13 -0.06	17.69 -0.09 -0.07	17.59 0.02 0.00	18.89 0.04 0.00	19.80 0.21 0.00	16.97 -0.09 0.00	16.25 0.05 0.00	16.18 -0.03 0.00	16.83 -0.08 0.00	16.81 -0.07 0.00	18.36 0.03 0.00	17.76 -0.17 0.00	17.10 -0.22 0.00	16.76 -0.33 0.00	18.44 -0.43 0.00	25.39 -0.74 0.00	27.27 -0.84 0.00	27.26 -0.84 0.00	23.58 -0.47 0.00	19.15 -0.49 0.00	18.64 -0.47 0.00	19.07 -0.10 0.00
LOCKPORT___CC1 323769	21.07 -0.18 0.00	20.22 0.01 0.00	20.00 -0.14 -0.06	17.67 -0.11 -0.07	17.58 0.00 0.00	18.81 -0.05 0.00	19.77 0.18 0.00	16.96 -0.10 0.00	16.25 0.05 0.00	16.19 -0.03 0.00	16.84 -0.07 0.00	16.81 -0.07 0.00	18.34 0.00 0.00	17.74 -0.19 0.00	17.08 -0.23 0.00	16.74 -0.34 0.00	18.43 -0.44 0.00	25.37 -0.76 0.00	27.24 -0.87 0.00	27.22 -0.87 0.00	23.55 -0.50 0.00	19.13 -0.50 0.00	18.59 -0.51 0.00	19.04 -0.12 0.00
LOCKPORT___CC2 323770	21.07 -0.18 0.00	20.22 0.01 0.00	20.00 -0.14 -0.06	17.67 -0.11 -0.07	17.58 0.00 0.00	18.81 -0.05 0.00	19.77 0.18 0.00	16.96 -0.10 0.00	16.25 0.05 0.00	16.19 -0.03 0.00	16.84 -0.07 0.00	16.81 -0.07 0.00	18.34 0.00 0.00	17.74 -0.19 0.00	17.08 -0.23 0.00	16.74 -0.34 0.00	18.43 -0.44 0.00	25.37 -0.76 0.00	27.24 -0.87 0.00	27.22 -0.87 0.00	23.55 -0.50 0.00	19.13 -0.50 0.00	18.59 -0.51 0.00	19.04 -0.12 0.00

LOCKPORT__CC3 323771	21.07 -0.18 0.00	20.22 0.01 0.00	20.00 -0.14 -0.06	17.67 -0.11 -0.07	17.58 0.00 0.00	18.81 -0.05 0.00	19.77 0.18 0.00	16.96 -0.10 0.00	16.25 0.05 0.00	16.19 -0.03 0.00	16.84 -0.07 0.00	16.81 -0.07 0.00	18.34 0.00 0.00	17.74 -0.19 0.00	17.08 -0.23 0.00	16.74 -0.34 0.00	18.43 -0.44 0.00	25.37 -0.76 0.00	27.24 -0.87 0.00	27.22 -0.87 0.00	23.55 -0.50 0.00	19.13 -0.50 0.00	18.59 -0.51 0.00	19.04 -0.12 0.00
LONG_LAKE_PHOENIX 24014	21.08 -0.17 0.00	20.07 -0.15 0.00	19.94 -0.17 -0.03	17.58 -0.16 -0.04	17.44 -0.13 0.00	18.70 -0.16 0.00	19.39 -0.21 0.00	16.83 -0.23 0.00	15.99 -0.20 0.00	15.99 -0.22 0.00	16.64 -0.27 0.00	16.61 -0.27 0.00	18.03 -0.31 0.00	17.62 -0.32 0.00	17.01 -0.30 0.00	16.79 -0.29 0.00	18.52 -0.34 0.00	25.66 -0.47 0.00	27.66 -0.45 0.00	27.65 -0.45 0.00	23.69 -0.35 0.00	19.31 -0.32 0.00	18.79 -0.31 0.00	18.97 -0.20 0.00
LOVETT__3 23632	22.28 1.03 0.00	21.09 0.87 0.00	21.34 0.85 -0.41	18.91 0.71 -0.50	18.25 0.68 0.00	19.51 0.66 0.00	20.36 0.76 0.00	17.89 0.83 0.00	17.01 0.81 0.00	17.09 0.91 0.04	17.85 0.93 0.00	17.85 0.97 0.00	19.38 1.05 0.00	19.01 1.07 0.00	18.49 1.17 0.00	18.31 1.22 0.00	20.20 1.33 0.00	27.99 1.86 0.00	30.01 1.90 0.00	29.85 1.75 0.00	25.43 1.39 0.00	20.70 1.07 0.00	20.06 0.95 0.00	19.86 0.70 0.00
LOVETT__4 23642	22.28 1.03 0.00	21.09 0.87 0.00	21.34 0.85 -0.41	18.91 0.71 -0.50	18.25 0.68 0.00	19.51 0.66 0.00	20.36 0.76 0.00	17.89 0.83 0.00	17.01 0.81 0.00	17.09 0.91 0.04	17.85 0.93 0.00	17.85 0.97 0.00	19.38 1.05 0.00	19.01 1.07 0.00	18.49 1.17 0.00	18.31 1.22 0.00	20.20 1.33 0.00	27.99 1.86 0.00	30.01 1.90 0.00	29.85 1.75 0.00	25.43 1.39 0.00	20.70 1.07 0.00	20.06 0.95 0.00	19.86 0.70 0.00
LOVETT__5 23593	22.28 1.03 0.00	21.09 0.87 0.00	21.34 0.85 -0.41	18.91 0.71 -0.50	18.25 0.68 0.00	19.51 0.66 0.00	20.36 0.76 0.00	17.89 0.83 0.00	17.01 0.81 0.00	17.09 0.91 0.04	17.85 0.93 0.00	17.85 0.97 0.00	19.38 1.05 0.00	19.01 1.07 0.00	18.49 1.17 0.00	18.31 1.22 0.00	20.20 1.33 0.00	27.99 1.86 0.00	30.01 1.90 0.00	29.85 1.75 0.00	25.43 1.39 0.00	20.70 1.07 0.00	20.06 0.95 0.00	19.86 0.70 0.00
LOWER RAQUET__HYD 24057	20.35 -0.91 0.00	19.38 -0.84 0.00	19.19 -0.88 0.00	16.94 -0.76 0.00	16.84 -0.74 0.00	18.14 -0.72 0.00	18.92 -0.68 0.00	16.50 -0.55 0.00	15.62 -0.57 0.00	15.59 -0.62 0.00	16.31 -0.61 0.00	16.28 -0.60 0.00	17.73 -0.60 0.00	17.31 -0.62 0.00	16.66 -0.66 0.00	16.38 -0.71 0.00	18.14 -0.73 0.00	25.10 -1.03 0.00	26.99 -1.12 0.00	27.14 -0.95 0.00	23.29 -0.75 0.00	19.08 -0.55 0.00	18.57 -0.53 0.00	18.64 -0.53 0.00
LOWER__HUDSON 24059	22.05 0.79 0.00	21.00 0.78 0.00	21.47 0.83 -0.56	19.11 0.72 -0.69	18.23 0.66 0.00	19.57 0.71 0.00	20.34 0.74 0.00	17.67 0.61 0.00	16.69 0.49 0.00	16.66 0.44 -0.01	17.32 0.41 0.00	17.26 0.38 0.00	18.74 0.41 0.00	18.38 0.45 0.00	17.87 0.55 0.00	17.59 0.50 0.00	19.45 0.58 0.00	27.05 0.92 0.00	29.28 1.18 0.00	29.32 1.22 0.00	25.02 0.98 0.00	20.36 0.73 0.00	19.80 0.70 0.00	19.67 0.51 0.00
LOWVILLE_115KV_TB2 356335	21.21 -0.04 0.00	20.17 -0.05 0.00	19.92 -0.17 -0.02	17.46 -0.26 -0.02	17.36 -0.22 0.00	18.82 -0.03 0.00	19.64 0.04 0.00	17.06 0.00 0.00	16.22 0.02 0.00	16.12 -0.09 0.00	16.73 -0.18 0.00	16.67 -0.21 0.00	18.16 -0.17 0.00	17.71 -0.22 0.00	17.12 -0.20 0.00	16.87 -0.22 0.00	18.63 -0.24 0.00	25.94 -0.19 0.00	28.14 0.04 0.00	28.31 0.21 0.00	24.28 0.23 0.00	19.85 0.21 0.00	19.28 0.18 0.00	19.35 0.19 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.25 1.00 0.00	21.13 0.91 0.00	21.59 0.95 -0.57	19.20 0.80 -0.70	18.34 0.76 0.00	19.71 0.85 0.00	20.51 0.91 0.00	17.84 0.78 0.00	16.85 0.65 0.00	16.79 0.57 -0.01	17.46 0.55 0.00	17.40 0.53 0.00	18.90 0.56 0.00	18.54 0.61 0.00	18.04 0.72 0.00	17.79 0.71 0.00	19.70 0.83 0.00	27.45 1.32 0.00	29.70 1.60 0.00	29.68 1.58 0.00	25.36 1.31 0.00	20.63 1.00 0.00	20.00 0.89 0.00	19.86 0.69 0.00
LUTHERNY_35_KV_BK2 355980	22.25 1.00 0.00	21.12 0.91 0.00	21.59 0.95 -0.57	19.18 0.78 -0.70	18.32 0.75 0.00	19.70 0.84 0.00	20.52 0.92 0.00	17.84 0.78 0.00	16.84 0.64 0.00	16.79 0.57 -0.01	17.45 0.54 0.00	17.40 0.52 0.00	18.90 0.56 0.00	18.54 0.60 0.00	18.04 0.72 0.00	17.79 0.71 0.00	19.72 0.85 0.00	27.47 1.34 0.00	29.73 1.62 0.00	29.69 1.59 0.00	25.37 1.33 0.00	20.64 1.00 0.00	20.00 0.89 0.00	19.86 0.70 0.00
LWR__OSWEGATCHIE_HYD 23850	20.71 -0.54 0.00	19.70 -0.52 0.00	19.48 -0.61 -0.01	17.13 -0.58 -0.01	17.02 -0.55 0.00	18.41 -0.45 0.00	19.22 -0.38 0.00	16.73 -0.33 0.00	15.86 -0.34 0.00	15.77 -0.44 0.00	16.42 -0.49 0.00	16.38 -0.50 0.00	17.81 -0.53 0.00	17.38 -0.56 0.00	16.75 -0.57 0.00	16.51 -0.57 0.00	18.27 -0.60 0.00	25.36 -0.77 0.00	27.41 -0.69 0.00	27.59 -0.51 0.00	23.70 -0.34 0.00	19.42 -0.21 0.00	18.87 -0.23 0.00	18.93 -0.24 0.00
LYONS_FALL_HYD 23570	21.39 0.13 0.00	20.35 0.13 0.00	20.13 0.04 -0.02	17.69 -0.03 -0.02	17.57 0.00 0.00	18.96 0.11 0.00	19.78 0.18 0.00	17.32 0.26 0.00	16.38 0.19 0.00	16.26 0.05 0.00	16.89 -0.02 0.00	16.84 -0.04 0.00	18.36 0.03 0.00	17.92 -0.02 0.00	17.32 0.01 0.00	17.05 -0.03 0.00	18.84 -0.03 0.00	26.23 0.09 0.00	28.41 0.30 0.00	28.53 0.44 0.00	24.44 0.40 0.00	19.95 0.32 0.00	19.38 0.27 0.00	19.46 0.29 0.00
MADISON__COUNTY_LFGE 323628	21.71 0.45 0.00	20.68 0.46 0.00	20.52 0.42 -0.03	18.08 0.34 -0.03	17.95 0.37 0.00	19.28 0.42 0.00	20.06 0.46 0.00	17.44 0.38 0.00	16.55 0.35 0.00	16.50 0.28 0.00	17.16 0.25 0.00	17.12 0.24 0.00	18.66 0.32 0.00	18.22 0.29 0.00	17.63 0.31 0.00	17.34 0.26 0.00	19.16 0.30 0.00	26.63 0.50 0.00	28.77 0.66 0.00	28.85 0.76 0.00	24.69 0.65 0.00	20.11 0.47 0.00	19.55 0.45 0.00	19.64 0.47 0.00
MALONE__115KV_TB1 356076	20.96 -0.29 0.00	19.93 -0.29 0.00	19.79 -0.28 0.00	17.49 -0.21 0.00	17.43 -0.14 0.00	18.77 -0.08 0.00	19.60 0.00 0.00	17.11 0.05 0.00	16.21 0.01 0.00	16.21 -0.01 0.00	16.93 0.02 0.00	16.90 0.02 0.00	18.40 0.07 0.00	17.98 0.05 0.00	17.31 -0.01 0.00	17.01 -0.08 0.00	18.83 -0.04 0.00	26.10 -0.03 0.00	28.05 -0.06 0.00	28.18 0.08 0.00	24.14 0.10 0.00	19.73 0.10 0.00	19.18 0.08 0.00	19.23 0.06 0.00
MAPLEWOD_115KV_TB3 80458	21.97 0.72 0.00	20.97 0.75 0.00	21.43 0.80 -0.55	19.07 0.69 -0.68	18.15 0.58 0.00	19.46 0.60 0.00	20.23 0.63 0.00	17.61 0.55 0.00	16.67 0.47 0.00	16.65 0.43 -0.01	17.29 0.37 0.00	17.24 0.36 0.00	18.71 0.38 0.00	18.36 0.43 0.00	17.84 0.52 0.00	17.59 0.51 0.00	19.45 0.58 0.00	27.05 0.92 0.00	29.21 1.10 0.00	29.23 1.13 0.00	24.95 0.90 0.00	20.30 0.67 0.00	19.72 0.62 0.00	19.59 0.42 0.00

MAPLE RIDGE_WT_1 323574	20.97 -0.29 0.00	19.86 -0.36 0.00	19.70 -0.37 0.00	17.29 -0.41 0.00	17.22 -0.35 0.00	18.57 -0.28 0.00	19.38 -0.21 0.00	17.00 -0.06 0.00	16.18 -0.02 0.00	16.20 -0.01 0.00	16.87 -0.04 0.00	16.84 -0.04 0.00	18.28 -0.05 0.00	17.88 -0.06 0.00	17.31 0.00 0.00	17.09 0.01 0.00	18.84 -0.04 0.00	26.11 -0.02 0.00	28.18 0.08 0.00	28.18 0.08 0.00	24.09 0.05 0.00	19.66 0.03 0.00	19.12 0.02 0.00	19.17 0.00 0.00
MAPLE RIDGE_WT_2 323611	20.97 -0.29 0.00	19.86 -0.36 0.00	19.70 -0.37 0.00	17.29 -0.41 0.00	17.22 -0.35 0.00	18.57 -0.28 0.00	19.38 -0.21 0.00	17.00 -0.06 0.00	16.18 -0.02 0.00	16.20 -0.01 0.00	16.87 -0.04 0.00	16.84 -0.04 0.00	18.28 -0.05 0.00	17.88 -0.06 0.00	17.31 0.00 0.00	17.09 0.01 0.00	18.84 -0.04 0.00	26.11 -0.02 0.00	28.18 0.08 0.00	28.18 0.08 0.00	24.09 0.05 0.00	19.66 0.03 0.00	19.12 0.02 0.00	19.17 0.00 0.00
MARBLE RIVER_WT_PWR 323696	20.98 -0.28 0.00	19.93 -0.29 0.00	19.84 -0.24 0.00	17.53 -0.18 0.00	17.49 -0.08 0.00	18.85 -0.01 0.00	19.66 0.06 0.00	17.15 0.09 0.00	16.26 0.06 0.00	16.27 0.05 0.00	17.00 0.09 0.00	16.97 0.09 0.00	18.47 0.13 0.00	18.06 0.13 0.00	17.39 0.08 0.00	17.10 0.02 0.00	18.92 0.05 0.00	26.18 0.05 0.00	28.16 0.06 0.00	28.24 0.14 0.00	24.16 0.11 0.00	19.73 0.10 0.00	19.18 0.08 0.00	19.23 0.07 0.00
MARSHVLE_115KV_TB1 80742	22.68 1.42 0.00	21.47 1.25 0.00	21.96 1.20 -0.69	19.64 1.09 -0.84	18.74 1.17 0.00	20.20 1.34 0.00	21.09 1.49 0.00	18.38 1.32 0.00	17.36 1.16 0.00	17.34 1.12 0.00	18.12 1.20 0.00	18.01 1.14 0.00	19.53 1.20 0.00	19.09 1.17 0.00	18.30 0.98 0.00	18.16 1.07 0.00	20.03 1.16 0.00	27.83 1.70 0.00	30.03 1.92 0.00	30.13 2.03 0.00	25.81 1.77 0.00	21.11 1.47 0.00	20.45 1.35 0.00	20.58 1.41 0.00
MARSH_HILL_WT_PWR 323713	20.99 -0.26 0.00	20.21 -0.01 0.00	20.20 0.04 -0.08	17.89 0.09 -0.10	17.88 0.31 0.00	19.10 0.25 0.00	20.01 0.41 0.00	17.31 0.25 0.00	16.55 0.35 0.00	16.45 0.24 0.00	17.14 0.23 0.00	17.09 0.21 0.00	18.62 0.29 0.00	18.12 0.19 0.00	17.46 0.14 0.00	17.19 0.11 0.00	18.91 0.04 0.00	26.29 0.15 0.00	28.40 0.29 0.00	28.44 0.35 0.00	24.43 0.39 0.00	19.90 0.27 0.00	19.30 0.20 0.00	19.49 0.33 0.00
MCINTYRE_115KV_TB2 80467	20.95 -0.31 0.00	19.95 -0.27 0.00	19.76 -0.32 0.00	17.44 -0.26 0.00	17.33 -0.24 0.00	18.70 -0.16 0.00	19.50 -0.09 0.00	16.99 -0.07 0.00	16.02 -0.18 0.00	15.97 -0.24 0.00	16.74 -0.18 0.00	16.73 -0.15 0.00	18.23 -0.10 0.00	17.79 -0.14 0.00	17.12 -0.20 0.00	16.81 -0.28 0.00	18.62 -0.26 0.00	25.73 -0.40 0.00	27.68 -0.42 0.00	27.94 -0.16 0.00	24.01 -0.04 0.00	19.67 0.03 0.00	19.14 0.03 0.00	19.21 0.04 0.00
MECO____69_KV_BK1 80468	23.17 1.91 0.00	22.09 1.87 0.00	22.56 1.83 -0.65	20.13 1.62 -0.80	19.26 1.69 0.00	20.68 1.82 0.00	21.48 1.88 0.00	18.36 1.30 0.00	16.96 0.76 0.00	16.91 0.69 0.00	17.71 0.80 0.00	17.61 0.73 0.00	19.02 0.69 0.00	18.64 0.71 0.00	17.87 0.55 0.00	17.81 0.73 0.00	19.79 0.92 0.00	28.10 1.97 0.00	30.77 2.66 0.00	30.98 2.88 0.00	26.46 2.41 0.00	21.54 1.91 0.00	20.97 1.87 0.00	21.13 1.96 0.00
MENANDS__115KV_TB5 355628	21.85 0.60 0.00	20.89 0.67 0.00	21.35 0.72 -0.55	19.00 0.62 -0.68	18.06 0.49 0.00	19.36 0.50 0.00	20.11 0.51 0.00	17.51 0.46 0.00	16.59 0.39 0.00	16.58 0.36 -0.01	17.21 0.30 0.00	17.16 0.28 0.00	18.62 0.29 0.00	18.27 0.34 0.00	17.75 0.44 0.00	17.51 0.42 0.00	19.35 0.48 0.00	26.89 0.76 0.00	29.04 0.93 0.00	29.05 0.95 0.00	24.79 0.75 0.00	20.18 0.54 0.00	19.60 0.50 0.00	19.47 0.30 0.00
MG INDUSTRY____DRP 24185	21.94 0.68 0.00	20.95 0.73 0.00	21.42 0.80 -0.54	19.07 0.70 -0.66	18.17 0.59 0.00	19.47 0.61 0.00	20.21 0.62 0.00	17.59 0.53 0.00	16.65 0.45 0.00	16.63 0.40 -0.01	17.26 0.35 0.00	17.21 0.33 0.00	18.70 0.36 0.00	18.34 0.41 0.00	17.80 0.49 0.00	17.54 0.45 0.00	19.39 0.52 0.00	26.95 0.82 0.00	29.11 1.00 0.00	29.12 1.03 0.00	24.87 0.83 0.00	20.25 0.62 0.00	19.68 0.58 0.00	19.59 0.42 0.00
MID____OSWEGATCHIE_HYD 23849	20.71 -0.54 0.00	19.70 -0.52 0.00	19.48 -0.61 -0.01	17.13 -0.58 -0.01	17.02 -0.55 0.00	18.41 -0.45 0.00	19.22 -0.38 0.00	16.73 -0.33 0.00	15.86 -0.34 0.00	15.77 -0.44 0.00	16.42 -0.49 0.00	16.38 -0.50 0.00	17.81 -0.53 0.00	17.38 -0.56 0.00	16.75 -0.57 0.00	16.51 -0.57 0.00	18.27 -0.60 0.00	25.36 -0.77 0.00	27.41 -0.69 0.00	27.59 -0.51 0.00	23.70 -0.34 0.00	19.42 -0.21 0.00	18.87 -0.23 0.00	18.93 -0.24 0.00
MID____RAQUETTE_HYD 23851	20.35 -0.90 0.00	19.38 -0.83 0.00	19.19 -0.88 0.00	16.94 -0.76 0.00	16.84 -0.74 0.00	18.15 -0.71 0.00	18.93 -0.67 0.00	16.50 -0.55 0.00	15.62 -0.58 0.00	15.59 -0.62 0.00	16.31 -0.61 0.00	16.28 -0.60 0.00	17.74 -0.60 0.00	17.31 -0.62 0.00	16.66 -0.66 0.00	16.38 -0.71 0.00	18.14 -0.73 0.00	25.10 -1.03 0.00	26.99 -1.12 0.00	27.14 -0.95 0.00	23.29 -0.75 0.00	19.08 -0.55 0.00	18.57 -0.53 0.00	18.64 -0.53 0.00
MILLIKEN____1 23584	21.66 0.41 0.00	20.60 0.38 0.00	20.56 0.40 -0.08	18.15 0.35 -0.10	17.93 0.36 0.00	19.26 0.40 0.00	20.06 0.46 0.00	17.43 0.37 0.00	16.54 0.34 0.00	16.51 0.30 0.00	17.14 0.23 0.00	17.10 0.22 0.00	18.56 0.23 0.00	18.11 0.18 0.00	17.51 0.19 0.00	17.28 0.20 0.00	19.10 0.23 0.00	26.55 0.42 0.00	28.67 0.56 0.00	28.74 0.64 0.00	24.62 0.58 0.00	20.03 0.40 0.00	19.43 0.33 0.00	19.53 0.36 0.00
MILLIKEN____2 23585	21.66 0.41 0.00	20.60 0.38 0.00	20.56 0.40 -0.08	18.15 0.35 -0.10	17.93 0.36 0.00	19.26 0.40 0.00	20.06 0.46 0.00	17.43 0.37 0.00	16.54 0.34 0.00	16.51 0.30 0.00	17.14 0.23 0.00	17.10 0.22 0.00	18.56 0.23 0.00	18.11 0.18 0.00	17.51 0.19 0.00	17.28 0.20 0.00	19.10 0.23 0.00	26.55 0.42 0.00	28.67 0.56 0.00	28.74 0.64 0.00	24.62 0.58 0.00	20.03 0.40 0.00	19.43 0.33 0.00	19.53 0.36 0.00
MILLIKEN____DIESEL 23629	21.66 0.41 0.00	20.60 0.38 0.00	20.56 0.40 -0.08	18.15 0.35 -0.10	17.93 0.36 0.00	19.26 0.40 0.00	20.06 0.46 0.00	17.43 0.37 0.00	16.54 0.34 0.00	16.51 0.30 0.00	17.14 0.23 0.00	17.10 0.22 0.00	18.56 0.23 0.00	18.11 0.18 0.00	17.51 0.19 0.00	17.28 0.20 0.00	19.10 0.23 0.00	26.55 0.42 0.00	28.67 0.56 0.00	28.74 0.64 0.00	24.62 0.58 0.00	20.03 0.40 0.00	19.43 0.33 0.00	19.53 0.36 0.00
MILLSEAT____LFGE 323607	21.43 0.18 0.00	20.53 0.32 0.00	20.30 0.16 -0.06	17.93 0.16 -0.07	17.84 0.26 0.00	19.12 0.27 0.00	20.10 0.50 0.00	17.27 0.21 0.00	16.50 0.30 0.00	16.40 0.18 0.00	17.04 0.13 0.00	17.00 0.12 0.00	18.66 0.32 0.00	17.99 0.06 0.00	17.37 0.05 0.00	16.99 -0.09 0.00	18.70 -0.17 0.00	25.80 -0.33 0.00	27.82 -0.29 0.00	27.87 -0.22 0.00	24.09 0.05 0.00	19.55 -0.08 0.00	18.95 -0.15 0.00	19.36 0.19 0.00

MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.40 1.14 0.00	21.19 0.97 0.00	21.44 0.94 -0.42	19.01 0.79 -0.52	18.33 0.75 0.00	19.61 0.75 0.00	20.46 0.86 0.00	17.97 0.91 0.00	17.08 0.89 0.00	17.23 0.98 -0.03	17.91 0.99 0.00	17.91 1.03 0.00	19.43 1.10 0.00	19.05 1.12 0.00	18.53 1.21 0.00	18.36 1.27 0.00	20.26 1.39 0.00	28.07 1.94 0.00	30.10 1.99 0.00	29.95 1.85 0.00	25.54 1.50 0.00	20.78 1.15 0.00	20.14 1.04 0.00	19.94 0.78 0.00
MILLWOOD_13_KV_LOAD 356217	22.46 1.20 0.00	21.25 1.03 0.00	21.50 0.99 -0.42	19.06 0.83 -0.52	18.38 0.80 0.00	19.66 0.80 0.00	20.51 0.92 0.00	18.02 0.96 0.00	17.14 0.94 0.00	17.29 1.04 -0.03	17.97 1.05 0.00	17.97 1.09 0.00	19.50 1.17 0.00	19.12 1.19 0.00	18.59 1.28 0.00	18.42 1.34 0.00	20.33 1.46 0.00	28.17 2.04 0.00	30.21 2.10 0.00	30.05 1.95 0.00	25.63 1.59 0.00	20.86 1.22 0.00	20.20 1.10 0.00	20.00 0.83 0.00
MODEL_CITY_ENERGY 24167	20.89 -0.36 0.00	20.06 -0.15 0.00	19.83 -0.30 -0.06	17.53 -0.25 -0.07	17.43 -0.14 0.00	18.66 -0.20 0.00	19.60 0.00 0.00	16.79 -0.27 0.00	16.06 -0.13 0.00	16.01 -0.21 0.00	16.65 -0.26 0.00	16.62 -0.26 0.00	18.13 -0.20 0.00	17.56 -0.37 0.00	16.91 -0.40 0.00	16.58 -0.50 0.00	18.25 -0.62 0.00	25.12 -1.01 0.00	26.96 -1.15 0.00	26.94 -1.15 0.00	23.31 -0.73 0.00	18.95 -0.69 0.00	18.39 -0.71 0.00	18.84 -0.32 0.00
MODERN_LFGE_ 323580	20.89 -0.36 0.00	20.06 -0.15 0.00	19.83 -0.30 -0.06	17.53 -0.25 -0.07	17.43 -0.14 0.00	18.66 -0.20 0.00	19.60 0.00 0.00	16.79 -0.27 0.00	16.06 -0.13 0.00	16.01 -0.21 0.00	16.65 -0.26 0.00	16.62 -0.26 0.00	18.13 -0.20 0.00	17.56 -0.37 0.00	16.91 -0.40 0.00	16.58 -0.50 0.00	18.25 -0.62 0.00	25.12 -1.01 0.00	26.96 -1.15 0.00	26.94 -1.15 0.00	23.31 -0.73 0.00	18.95 -0.69 0.00	18.39 -0.71 0.00	18.84 -0.32 0.00
MOHAWK_PAPER___DRP 24187	21.97 0.72 0.00	20.97 0.75 0.00	21.43 0.80 -0.55	19.07 0.69 -0.68	18.15 0.58 0.00	19.46 0.60 0.00	20.23 0.63 0.00	17.61 0.55 0.00	16.67 0.47 0.00	16.65 0.43 -0.01	17.29 0.37 0.00	17.24 0.36 0.00	18.71 0.38 0.00	18.36 0.43 0.00	17.84 0.52 0.00	17.59 0.51 0.00	19.45 0.58 0.00	27.05 0.92 0.00	29.21 1.10 0.00	29.23 1.13 0.00	24.95 0.90 0.00	20.30 0.67 0.00	19.72 0.62 0.00	19.59 0.42 0.00
MOHICAN__35_KV_115KV_LD 80490	22.17 0.91 0.00	20.99 0.78 0.00	21.44 0.79 -0.57	19.05 0.65 -0.70	18.18 0.60 0.00	19.60 0.74 0.00	20.43 0.83 0.00	17.76 0.70 0.00	16.74 0.54 0.00	16.59 0.37 -0.01	17.25 0.33 0.00	17.20 0.32 0.00	18.68 0.35 0.00	18.36 0.43 0.00	17.93 0.61 0.00	17.67 0.59 0.00	19.58 0.71 0.00	27.38 1.25 0.00	29.76 1.65 0.00	29.69 1.59 0.00	25.38 1.34 0.00	20.66 1.03 0.00	19.96 0.85 0.00	19.78 0.62 0.00
MONGAUP___HYD 23641	22.24 0.98 0.00	21.09 0.88 0.00	21.31 0.85 -0.38	18.89 0.72 -0.47	18.26 0.69 0.00	19.52 0.66 0.00	20.33 0.73 0.00	17.80 0.74 0.00	16.89 0.69 0.00	16.89 0.69 0.02	17.55 0.64 0.00	17.51 0.63 0.00	19.03 0.70 0.00	18.65 0.72 0.00	18.15 0.83 0.00	17.91 0.83 0.00	19.79 0.92 0.00	27.47 1.34 0.00	29.62 1.52 0.00	29.56 1.47 0.00	25.27 1.23 0.00	20.69 1.05 0.00	20.09 0.99 0.00	19.95 0.79 0.00
MONTAUK___DIESEL 23721	24.55 3.29 0.00	22.92 2.70 0.00	23.10 2.59 -0.43	20.42 2.19 -0.53	19.73 2.15 0.00	21.09 2.23 0.00	22.30 2.70 0.00	19.76 2.70 0.00	18.91 2.71 0.00	19.13 2.89 -0.03	19.80 2.89 0.00	19.81 2.92 0.00	21.07 2.74 0.00	20.74 2.81 0.00	20.16 2.84 0.00	20.30 3.22 0.00	22.47 3.59 0.00	31.33 5.20 0.00	33.68 5.53 -0.05	111.49 5.38 -78.01	55.56 4.41 -27.11	28.30 3.52 -5.14	23.68 3.10 -1.48	21.69 2.52 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.15 -0.10 0.00	20.25 0.03 0.00	20.17 0.02 -0.07	17.79 0.00 -0.09	17.71 0.13 0.00	19.07 0.21 0.00	20.04 0.44 0.00	17.22 0.16 0.00	16.63 0.44 0.00	16.89 0.67 0.00	17.65 0.74 0.00	17.67 0.79 0.00	19.22 0.89 0.00	18.74 0.81 0.00	18.06 0.74 0.00	17.76 0.67 0.00	19.55 0.67 0.00	26.91 0.78 0.00	28.86 0.75 0.00	28.76 0.67 0.00	24.69 0.65 0.00	20.04 0.40 0.00	19.44 0.34 0.00	19.79 0.63 0.00
MORTIMER_115KV_TB3 55949	21.30 0.04 0.00	20.32 0.10 0.00	20.14 0.01 -0.05	17.77 0.01 -0.06	17.64 0.07 0.00	18.96 0.10 0.00	19.83 0.23 0.00	17.13 0.08 0.00	16.36 0.17 0.00	16.34 0.12 0.00	17.01 0.10 0.00	16.99 0.11 0.00	18.40 0.07 0.00	17.95 0.02 0.00	17.29 -0.03 0.00	17.05 -0.04 0.00	18.79 -0.08 0.00	25.98 -0.16 0.00	27.97 -0.14 0.00	27.96 -0.14 0.00	24.07 0.03 0.00	19.56 -0.08 0.00	18.99 -0.11 0.00	19.22 0.06 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.54 1.29 0.00	21.31 1.09 0.00	21.54 1.04 -0.43	19.10 0.87 -0.53	18.42 0.84 0.00	19.70 0.84 0.00	20.56 0.96 0.00	18.07 1.02 0.00	17.20 1.00 0.00	17.36 1.12 -0.03	18.04 1.13 0.00	18.05 1.17 0.00	19.59 1.26 0.00	19.21 1.28 0.00	18.69 1.37 0.00	18.52 1.43 0.00	20.43 1.56 0.00	28.28 2.15 0.00	30.28 2.18 0.00	30.13 2.03 0.00	25.70 1.66 0.00	20.92 1.28 0.00	20.25 1.15 0.00	20.04 0.87 0.00
MUNSVILLE_WIND_PWR 323609	22.49 1.23 0.00	21.48 1.26 0.00	21.52 1.33 -0.12	18.94 1.10 -0.14	18.73 1.15 0.00	20.11 1.26 0.00	21.04 1.44 0.00	18.30 1.24 0.00	17.40 1.21 0.00	17.27 1.06 0.00	17.86 0.95 0.00	17.73 0.85 0.00	19.34 1.01 0.00	18.88 0.94 0.00	18.23 0.91 0.00	17.92 0.83 0.00	19.86 0.99 0.00	27.71 1.58 0.00	30.32 2.21 0.00	30.48 2.38 0.00	26.07 2.03 0.00	21.14 1.50 0.00	20.49 1.38 0.00	20.54 1.38 0.00
N SALMON___HYD 24042	20.96 -0.29 0.00	19.93 -0.29 0.00	19.79 -0.28 0.00	17.49 -0.21 0.00	17.43 -0.14 0.00	18.78 -0.08 0.00	19.60 0.00 0.00	17.11 0.05 0.00	16.21 0.01 0.00	16.21 -0.01 0.00	16.93 0.02 0.00	16.90 0.02 0.00	18.41 0.07 0.00	17.98 0.05 0.00	17.31 -0.01 0.00	17.01 -0.08 0.00	18.83 -0.04 0.00	26.10 -0.03 0.00	28.05 -0.06 0.00	28.18 0.08 0.00	24.14 0.10 0.00	19.73 0.10 0.00	19.18 0.07 0.00	19.23 0.06 0.00
N.AKRON__115KV_KNAPP 355671	21.37 0.11 0.00	20.48 0.26 0.00	20.24 0.11 -0.06	17.89 0.11 -0.07	17.80 0.22 0.00	19.13 0.27 0.00	20.05 0.45 0.00	17.21 0.15 0.00	16.45 0.25 0.00	16.36 0.15 0.00	17.01 0.10 0.00	16.98 0.10 0.00	18.90 0.57 0.00	18.04 0.11 0.00	17.46 0.14 0.00	16.98 -0.10 0.00	18.65 -0.22 0.00	25.70 -0.43 0.00	27.66 -0.45 0.00	27.69 -0.40 0.00	23.95 -0.09 0.00	19.44 -0.19 0.00	18.90 -0.20 0.00	19.31 0.15 0.00
N.BELMOR_69_KV_BK1 55787	23.03 1.77 0.00	21.70 1.48 0.00	21.91 1.41 -0.43	19.42 1.19 -0.53	18.72 1.15 0.00	20.00 1.14 0.00	20.94 1.35 0.00	18.42 1.36 0.00	17.51 1.31 0.00	17.67 1.42 -0.03	18.33 1.41 0.00	18.33 1.45 0.00	19.80 1.47 0.00	19.36 1.43 0.00	18.86 1.54 0.00	18.75 1.66 0.00	20.75 1.88 0.00	28.84 2.71 0.00	30.95 2.79 -0.05	48.98 2.66 -18.22	26.19 2.15 0.00	26.51 1.73 -5.14	22.19 1.60 -1.48	20.44 1.27 0.00

N.E_GEN_SANDY PD 24062	21.57 0.88 0.57	21.04 0.82 0.00	21.42 0.85 -0.49	19.03 0.72 -0.61	18.25 0.68 0.00	19.57 0.71 0.00	20.68 0.77 -0.32	17.55 0.69 0.20	16.85 0.59 -0.06	16.52 0.57 0.27	17.48 0.57 0.00	17.43 0.55 0.00	18.91 0.58 0.00	18.54 0.61 0.00	18.04 0.72 0.00	17.78 0.69 0.00	19.63 0.76 0.00	27.49 1.13 -0.23	28.86 1.32 0.56	29.43 1.33 0.00	25.11 1.07 0.00	20.43 0.80 0.00	19.87 0.76 0.00	19.71 0.55 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.32 1.06 0.00	21.13 0.91 0.00	21.37 0.88 -0.41	18.94 0.73 -0.50	18.27 0.70 0.00	19.54 0.69 0.00	20.39 0.79 0.00	17.91 0.85 0.00	17.03 0.83 0.00	17.12 0.95 0.04	17.88 0.96 0.00	17.88 1.01 0.00	19.41 1.09 0.00	19.05 1.12 0.00	18.53 1.21 0.00	18.36 1.27 0.00	20.25 1.38 0.00	28.07 1.94 0.00	30.07 1.97 0.00	29.90 1.81 0.00	25.49 1.45 0.00	20.74 1.11 0.00	20.09 0.99 0.00	19.90 0.73 0.00
N.QUEENS_27_KV_LOAD 356247	22.63 1.38 0.00	21.40 1.19 0.00	21.62 1.11 -0.43	19.17 0.94 -0.53	18.49 0.92 0.00	19.77 0.91 0.00	20.63 1.03 0.00	18.16 1.10 0.00	17.28 1.08 0.00	17.41 1.16 -0.03	18.07 1.16 0.00	18.09 1.22 0.00	19.62 1.30 0.00	19.25 1.32 0.00	18.72 1.40 0.00	18.56 1.48 0.00	20.48 1.61 0.00	28.35 2.22 0.00	30.32 2.21 0.00	30.14 2.04 0.00	25.73 1.69 0.00	20.99 1.36 0.00	20.29 1.19 0.00	20.06 0.90 0.00
N.TROY____115KV_TB1 355778	22.05 0.79 0.00	21.00 0.78 0.00	21.47 0.83 -0.56	19.10 0.72 -0.69	18.23 0.66 0.00	19.56 0.70 0.00	20.34 0.74 0.00	17.67 0.61 0.00	16.69 0.49 0.00	16.66 0.44 -0.01	17.32 0.41 0.00	17.26 0.38 0.00	18.74 0.41 0.00	18.38 0.45 0.00	17.87 0.55 0.00	17.59 0.50 0.00	19.45 0.58 0.00	27.05 0.92 0.00	29.28 1.18 0.00	29.32 1.23 0.00	25.02 0.98 0.00	20.37 0.73 0.00	19.79 0.69 0.00	19.67 0.50 0.00
NARROWS_GT1_1 24228	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.85 1.80 -0.01	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
NARROWS_GT1_2 24229	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.85 1.80 -0.01	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
NARROWS_GT1_3 24230	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.85 1.80 -0.01	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
NARROWS_GT1_4 24231	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.85 1.80 -0.01	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
NARROWS_GT1_5 24232	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.85 1.80 -0.01	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
NARROWS_GT1_6 24233	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.85 1.80 -0.01	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
NARROWS_GT1_7 24234	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.85 1.80 -0.01	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
NARROWS_GT1_8 24235	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.85 1.80 -0.01	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
NARROWS_GT2_1 24236	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.32 2.21 -0.01	25.85 1.80 0.00	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
NARROWS_GT2_2 24237	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.32 2.21 -0.01	25.85 1.80 0.00	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
NARROWS_GT2_3 24238	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.32 2.21 -0.01	25.85 1.80 0.00	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00

NARROWS_GT2_4 24239	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.32 2.21 -0.01	25.85 1.80 0.00	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
NARROWS_GT2_5 24240	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.32 2.21 -0.01	25.85 1.80 0.00	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
NARROWS_GT2_6 24241	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.32 2.21 -0.01	25.85 1.80 0.00	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
NARROWS_GT2_7 24242	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.32 2.21 -0.01	25.85 1.80 0.00	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
NARROWS_GT2_8 24243	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	56.77 1.70 -36.20	28.47 2.34 0.00	40.58 2.37 -10.11	30.32 2.21 -0.01	25.85 1.80 0.00	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.26 1.01 0.00	21.29 1.07 0.00	21.72 1.13 -0.51	19.31 0.98 -0.63	18.40 0.82 0.00	19.75 0.89 0.00	20.56 0.97 0.00	17.89 0.83 0.00	16.86 0.66 0.00	16.71 0.49 0.00	17.26 0.34 0.00	17.18 0.30 0.00	18.66 0.33 0.00	18.35 0.42 0.00	17.79 0.47 0.00	17.56 0.48 0.00	19.47 0.60 0.00	27.20 1.07 0.00	29.56 1.46 0.00	29.68 1.59 0.00	25.35 1.31 0.00	20.61 0.98 0.00	19.98 0.88 0.00	19.83 0.67 0.00
NCHELSEA_115KV_TR2 355582	22.53 1.28 0.00	21.33 1.11 0.00	21.58 1.07 -0.43	19.14 0.91 -0.53	18.46 0.88 0.00	19.75 0.90 0.00	20.60 1.01 0.00	18.08 1.02 0.00	17.17 0.98 0.00	17.25 1.03 0.00	17.96 1.04 0.00	17.95 1.07 0.00	19.49 1.16 0.00	19.10 1.17 0.00	18.58 1.27 0.00	18.40 1.31 0.00	20.31 1.44 0.00	28.18 2.05 0.00	30.27 2.16 0.00	30.13 2.03 0.00	25.70 1.66 0.00	20.91 1.28 0.00	20.26 1.16 0.00	20.07 0.90 0.00
NEG CAPITAL___MECHNVIL 23645	22.26 1.01 0.00	21.15 0.93 0.00	21.60 0.95 -0.57	19.22 0.82 -0.70	18.34 0.77 0.00	19.73 0.87 0.00	20.51 0.92 0.00	17.84 0.78 0.00	16.85 0.65 0.00	16.80 0.58 -0.01	17.47 0.56 0.00	17.42 0.54 0.00	18.91 0.58 0.00	18.56 0.63 0.00	18.06 0.74 0.00	17.80 0.72 0.00	19.72 0.85 0.00	27.47 1.34 0.00	29.73 1.62 0.00	29.71 1.62 0.00	25.37 1.32 0.00	20.64 1.00 0.00	20.01 0.91 0.00	19.87 0.70 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.94 -0.32 0.00	19.97 -0.25 0.00	19.82 -0.30 -0.05	17.49 -0.27 -0.06	17.35 -0.22 0.00	18.61 -0.24 0.00	19.46 -0.14 0.00	16.84 -0.22 0.00	16.05 -0.14 0.00	16.03 -0.18 0.00	16.69 -0.23 0.00	16.66 -0.22 0.00	18.04 -0.29 0.00	17.63 -0.31 0.00	16.99 -0.33 0.00	16.75 -0.33 0.00	18.49 -0.38 0.00	25.60 -0.53 0.00	27.59 -0.51 0.00	27.58 -0.52 0.00	23.70 -0.34 0.00	19.25 -0.38 0.00	18.66 -0.44 0.00	18.89 -0.28 0.00
NEG CENTRAL___DRP 24199	21.33 0.08 0.00	20.31 0.09 0.00	20.23 0.10 -0.05	17.84 0.08 -0.06	17.70 0.12 0.00	19.01 0.15 0.00	19.84 0.24 0.00	17.21 0.15 0.00	16.35 0.15 0.00	16.33 0.12 0.00	16.98 0.07 0.00	16.97 0.09 0.00	18.40 0.07 0.00	17.95 0.02 0.00	17.35 0.03 0.00	17.11 0.03 0.00	18.88 0.01 0.00	26.21 0.08 0.00	28.26 0.16 0.00	28.28 0.18 0.00	24.24 0.20 0.00	19.72 0.09 0.00	19.11 0.01 0.00	19.26 0.09 0.00
NEG CENTRAL___INDECK 23768	21.75 0.49 0.00	20.83 0.61 0.00	20.71 0.56 -0.07	18.28 0.49 -0.08	18.19 0.61 0.00	19.50 0.65 0.00	20.46 0.86 0.00	17.66 0.60 0.00	16.72 0.52 0.00	16.58 0.36 0.00	17.24 0.32 0.00	17.19 0.31 0.00	18.70 0.37 0.00	18.24 0.31 0.00	17.59 0.27 0.00	17.28 0.20 0.00	19.05 0.18 0.00	26.38 0.25 0.00	28.54 0.44 0.00	28.87 0.77 0.00	24.98 0.94 0.00	20.30 0.66 0.00	19.67 0.56 0.00	19.87 0.70 0.00
NEG CENTRAL___SENECA 23627	21.36 0.11 0.00	20.38 0.17 0.00	20.29 0.16 -0.06	17.90 0.13 -0.07	17.78 0.20 0.00	19.07 0.22 0.00	19.94 0.34 0.00	17.28 0.23 0.00	16.46 0.27 0.00	16.43 0.22 0.00	17.08 0.17 0.00	17.05 0.17 0.00	18.52 0.19 0.00	18.06 0.13 0.00	17.44 0.13 0.00	17.18 0.09 0.00	18.95 0.08 0.00	26.31 0.18 0.00	28.41 0.30 0.00	28.41 0.31 0.00	24.37 0.33 0.00	19.81 0.17 0.00	19.20 0.10 0.00	19.37 0.20 0.00
NEG CENTRAL___STATE_STREET 24147	21.60 0.35 0.00	20.43 0.21 0.00	20.39 0.26 -0.05	18.01 0.25 -0.06	17.79 0.21 0.00	19.18 0.32 0.00	20.02 0.42 0.00	17.45 0.39 0.00	16.51 0.32 0.00	16.55 0.33 0.00	17.20 0.28 0.00	17.21 0.33 0.00	18.56 0.23 0.00	18.04 0.11 0.00	17.45 0.13 0.00	17.32 0.23 0.00	19.15 0.28 0.00	26.59 0.46 0.00	28.56 0.46 0.00	28.64 0.54 0.00	24.53 0.48 0.00	19.98 0.34 0.00	19.26 0.16 0.00	19.32 0.16 0.00
NEG MILLWOOD___DRP 24198	22.60 1.35 0.00	21.39 1.17 0.00	21.63 1.12 -0.43	19.19 0.95 -0.53	18.49 0.92 0.00	19.80 0.94 0.00	20.67 1.07 0.00	18.14 1.08 0.00	17.25 1.05 0.00	17.34 1.12 -0.01	18.04 1.13 0.00	18.04 1.16 0.00	19.59 1.26 0.00	19.20 1.27 0.00	18.68 1.37 0.00	18.50 1.41 0.00	20.43 1.56 0.00	28.33 2.20 0.00	30.42 2.32 0.00	30.27 2.17 0.00	25.81 1.77 0.00	20.99 1.36 0.00	20.33 1.23 0.00	20.13 0.96 0.00
NEG NORTH_FLCN_SEA 23793	21.25 0.00 0.00	20.18 -0.04 0.00	20.07 0.00 0.00	17.71 0.01 0.00	17.69 0.11 0.00	19.06 0.21 0.00	19.92 0.32 0.00	17.38 0.32 0.00	16.46 0.26 0.00	16.46 0.24 0.00	17.20 0.29 0.00	17.16 0.28 0.00	18.67 0.34 0.00	18.28 0.34 0.00	17.62 0.31 0.00	17.33 0.25 0.00	19.20 0.32 0.00	26.57 0.44 0.00	28.60 0.49 0.00	28.67 0.57 0.00	24.49 0.45 0.00	19.98 0.34 0.00	19.41 0.31 0.00	19.45 0.29 0.00

NEG NORTH_KES_CHATEGAY 23792	21.00 -0.26 0.00	19.96 -0.26 0.00	19.85 -0.22 0.00	17.55 -0.16 0.00	17.50 -0.08 0.00	18.84 -0.02 0.00	19.65 0.05 0.00	17.15 0.09 0.00	16.25 0.06 0.00	16.25 0.03 0.00	16.98 0.07 0.00	16.95 0.07 0.00	18.44 0.11 0.00	18.03 0.10 0.00	17.36 0.04 0.00	17.06 -0.02 0.00	18.88 0.02 0.00	26.15 0.02 0.00	28.12 0.01 0.00	28.22 0.13 0.00	24.17 0.13 0.00	19.75 0.12 0.00	19.19 0.09 0.00	19.25 0.09 0.00
NEG NORTH___ALICE_FALLS 23915	21.23 -0.03 0.00	20.16 -0.06 0.00	20.04 -0.04 0.00	17.69 -0.02 0.00	17.66 0.08 0.00	19.03 0.18 0.00	19.89 0.29 0.00	17.36 0.30 0.00	16.45 0.25 0.00	16.44 0.22 0.00	17.17 0.25 0.00	17.13 0.25 0.00	18.64 0.31 0.00	18.25 0.31 0.00	17.59 0.27 0.00	17.30 0.21 0.00	19.16 0.29 0.00	26.54 0.41 0.00	28.59 0.49 0.00	28.67 0.57 0.00	24.51 0.47 0.00	19.98 0.34 0.00	19.41 0.31 0.00	19.45 0.29 0.00
NEG NORTH___LWR_SARANAC 23913	21.23 -0.03 0.00	20.16 -0.06 0.00	20.04 -0.04 0.00	17.69 -0.02 0.00	17.66 0.08 0.00	19.03 0.18 0.00	19.89 0.29 0.00	17.36 0.30 0.00	16.45 0.25 0.00	16.44 0.22 0.00	17.17 0.25 0.00	17.13 0.25 0.00	18.64 0.31 0.00	18.25 0.31 0.00	17.59 0.27 0.00	17.30 0.21 0.00	19.16 0.29 0.00	26.54 0.41 0.00	28.59 0.49 0.00	28.67 0.57 0.00	24.51 0.47 0.00	19.98 0.34 0.00	19.41 0.31 0.00	19.45 0.29 0.00
NEG NORTH___PLATTSBURG 23628	21.23 -0.02 0.00	20.16 -0.06 0.00	20.03 -0.04 0.00	17.69 -0.02 0.00	17.66 0.08 0.00	19.04 0.19 0.00	19.89 0.30 0.00	17.36 0.30 0.00	16.45 0.25 0.00	16.44 0.22 0.00	17.17 0.26 0.00	17.13 0.25 0.00	18.64 0.31 0.00	18.25 0.31 0.00	17.59 0.27 0.00	17.30 0.21 0.00	19.16 0.29 0.00	26.54 0.41 0.00	28.59 0.49 0.00	28.67 0.57 0.00	24.51 0.46 0.00	19.98 0.34 0.00	19.42 0.32 0.00	19.46 0.29 0.00
NEG WEST_LEA_LOCKPORT 23791	21.08 -0.17 0.00	20.22 0.01 0.00	19.99 -0.15 -0.06	17.67 -0.11 -0.07	17.58 0.00 0.00	18.87 0.02 0.00	19.79 0.19 0.00	16.96 -0.10 0.00	16.25 0.06 0.00	16.19 -0.03 0.00	16.84 -0.07 0.00	16.81 -0.07 0.00	18.34 0.00 0.00	17.74 -0.19 0.00	17.08 -0.24 0.00	16.74 -0.35 0.00	18.42 -0.45 0.00	25.37 -0.76 0.00	27.24 -0.87 0.00	27.22 -0.88 0.00	23.55 -0.49 0.00	19.12 -0.51 0.00	18.63 -0.47 0.00	19.06 -0.11 0.00
NEG WEST___LANCASTR 23811	21.26 0.00 0.00	20.35 0.13 0.00	20.18 0.03 -0.07	17.80 0.01 -0.09	17.71 0.13 0.00	19.02 0.16 0.00	19.95 0.35 0.00	17.19 0.13 0.00	16.50 0.31 0.00	16.49 0.28 0.00	17.17 0.26 0.00	17.16 0.28 0.00	18.64 0.31 0.00	18.13 0.20 0.00	17.49 0.17 0.00	17.19 0.11 0.00	18.90 0.03 0.00	26.05 -0.08 0.00	27.94 -0.17 0.00	27.88 -0.21 0.00	24.05 0.00 0.00	19.54 -0.09 0.00	19.00 -0.10 0.00	19.32 0.15 0.00
NEG_PENN_ALLEGHNY 23528	21.43 0.18 0.00	20.40 0.18 0.00	20.41 0.20 -0.13	18.01 0.16 -0.15	17.78 0.21 0.00	19.06 0.20 0.00	19.89 0.29 0.00	17.27 0.21 0.00	16.45 0.25 0.00	16.48 0.27 0.00	17.16 0.25 0.00	17.13 0.25 0.00	18.61 0.28 0.00	18.20 0.27 0.00	17.60 0.28 0.00	17.38 0.29 0.00	19.15 0.28 0.00	26.53 0.40 0.00	28.55 0.45 0.00	28.48 0.38 0.00	24.39 0.34 0.00	19.86 0.22 0.00	19.26 0.16 0.00	19.36 0.19 0.00
NEG___GEN_MONROE 24207	21.52 0.27 0.00	20.57 0.35 0.00	20.40 0.27 -0.05	18.01 0.25 -0.06	17.90 0.33 0.00	19.25 0.40 0.00	20.08 0.48 0.00	17.35 0.29 0.00	16.52 0.32 0.00	16.43 0.21 0.00	17.09 0.17 0.00	17.03 0.14 0.00	18.50 0.17 0.00	18.03 0.10 0.00	17.36 0.05 0.00	17.03 -0.06 0.00	18.77 -0.10 0.00	25.95 -0.18 0.00	28.00 -0.10 0.00	28.03 -0.07 0.00	24.15 0.10 0.00	19.61 -0.03 0.00	19.12 0.02 0.00	19.38 0.21 0.00
NEPA___ENERGY 23901	21.11 -0.14 0.00	20.17 -0.05 0.00	20.10 -0.05 -0.07	17.69 -0.10 -0.09	17.61 0.04 0.00	18.91 0.05 0.00	19.88 0.28 0.00	17.13 0.07 0.00	16.45 0.26 0.00	16.54 0.33 0.00	17.24 0.33 0.00	17.25 0.37 0.00	18.73 0.40 0.00	18.26 0.33 0.00	17.63 0.31 0.00	17.40 0.31 0.00	19.08 0.21 0.00	26.29 0.16 0.00	28.16 0.05 0.00	28.04 -0.06 0.00	24.09 0.04 0.00	19.60 -0.04 0.00	18.98 -0.12 0.00	19.28 0.12 0.00
NEVERSINK___HYD 23608	22.31 1.06 0.00	21.13 0.91 0.00	21.32 0.87 -0.37	18.89 0.73 -0.45	18.30 0.73 0.00	19.58 0.72 0.00	20.40 0.80 0.00	17.87 0.81 0.00	16.99 0.79 0.00	17.07 0.86 0.01	17.82 0.90 0.00	17.73 0.85 0.00	18.79 0.46 0.00	18.42 0.49 0.00	17.90 0.58 0.00	17.56 0.47 0.00	19.38 0.51 0.00	26.92 0.79 0.00	28.95 0.84 0.00	28.93 0.83 0.00	25.23 1.19 0.00	20.54 0.91 0.00	19.90 0.80 0.00	19.74 0.57 0.00
NEWKRMKL_115KV_TB1 55635	21.76 0.50 0.00	20.83 0.61 0.00	21.28 0.65 -0.55	18.94 0.56 -0.68	17.98 0.40 0.00	19.26 0.40 0.00	20.01 0.41 0.00	17.44 0.38 0.00	16.52 0.33 0.00	16.52 0.29 -0.01	17.14 0.22 0.00	17.09 0.21 0.00	18.57 0.24 0.00	18.21 0.28 0.00	17.70 0.38 0.00	17.45 0.36 0.00	19.29 0.42 0.00	26.82 0.69 0.00	28.93 0.83 0.00	28.93 0.83 0.00	24.69 0.65 0.00	20.10 0.46 0.00	19.52 0.42 0.00	19.39 0.23 0.00
NEWTON___FALLS_HYD 23847	20.71 -0.54 0.00	19.70 -0.52 0.00	19.48 -0.61 -0.01	17.13 -0.58 -0.01	17.02 -0.55 0.00	18.41 -0.45 0.00	19.22 -0.38 0.00	16.73 -0.33 0.00	15.86 -0.34 0.00	15.77 -0.44 0.00	16.42 -0.49 0.00	16.38 -0.50 0.00	17.81 -0.53 0.00	17.38 -0.56 0.00	16.75 -0.57 0.00	16.51 -0.57 0.00	18.27 -0.60 0.00	25.36 -0.77 0.00	27.41 -0.69 0.00	27.59 -0.51 0.00	23.70 -0.34 0.00	19.42 -0.21 0.00	18.87 -0.23 0.00	18.93 -0.24 0.00
NGRID_A1_DSASP 323792	20.77 -0.48 0.00	19.92 -0.29 0.00	19.69 -0.45 -0.06	17.41 -0.37 -0.08	17.30 -0.27 0.00	18.52 -0.33 0.00	19.46 -0.13 0.00	16.70 -0.36 0.00	16.02 -0.17 0.00	15.97 -0.25 0.00	16.61 -0.30 0.00	16.59 -0.29 0.00	18.04 -0.30 0.00	17.43 -0.51 0.00	16.77 -0.54 0.00	16.46 -0.62 0.00	18.12 -0.75 0.00	24.91 -1.22 0.00	26.71 -1.40 0.00	26.69 -1.41 0.00	23.11 -0.93 0.00	18.79 -0.85 0.00	18.23 -0.87 0.00	18.74 -0.42 0.00
NGRID_A2_DSASP 323793	20.77 -0.48 0.00	19.92 -0.29 0.00	19.69 -0.45 -0.06	17.41 -0.37 -0.08	17.30 -0.27 0.00	18.52 -0.33 0.00	19.46 -0.13 0.00	16.70 -0.36 0.00	16.02 -0.17 0.00	15.97 -0.25 0.00	16.61 -0.30 0.00	16.59 -0.29 0.00	18.04 -0.30 0.00	17.43 -0.51 0.00	16.77 -0.54 0.00	16.46 -0.62 0.00	18.12 -0.75 0.00	24.91 -1.22 0.00	26.71 -1.40 0.00	26.69 -1.41 0.00	23.11 -0.93 0.00	18.79 -0.85 0.00	18.23 -0.87 0.00	18.74 -0.42 0.00
NGRID_A4_DSASP 323807	20.79 -0.47 0.00	19.92 -0.29 0.00	19.68 -0.46 -0.06	17.40 -0.37 -0.08	17.30 -0.27 0.00	18.58 -0.27 0.00	19.47 -0.12 0.00	16.70 -0.36 0.00	16.02 -0.18 0.00	15.97 -0.25 0.00	16.61 -0.30 0.00	16.59 -0.29 0.00	18.04 -0.30 0.00	17.43 -0.50 0.00	16.77 -0.55 0.00	16.46 -0.62 0.00	18.11 -0.76 0.00	24.91 -1.22 0.00	26.71 -1.40 0.00	26.69 -1.40 0.00	23.11 -0.93 0.00	18.78 -0.86 0.00	18.26 -0.84 0.00	18.76 -0.40 0.00

NIAGARA_115E_LBMP 323715	20.78 -0.47 0.00	19.97 -0.25 0.00	19.73 -0.41 -0.06	17.45 -0.33 -0.08	17.35 -0.22 0.00	18.57 -0.29 0.00	19.50 -0.09 0.00	16.69 -0.37 0.00	15.96 -0.23 0.00	15.91 -0.31 0.00	16.54 -0.37 0.00	16.52 -0.36 0.00	18.00 -0.33 0.00	17.45 -0.48 0.00	16.81 -0.51 0.00	16.49 -0.60 0.00	18.15 -0.72 0.00	24.96 -1.17 0.00	26.78 -1.32 0.00	26.77 -1.33 0.00	23.17 -0.87 0.00	18.83 -0.80 0.00	18.27 -0.83 0.00	18.73 -0.44 0.00
NIAGARA_115W_LBMP 323714	20.73 -0.52 0.00	19.88 -0.34 0.00	19.65 -0.49 -0.06	17.37 -0.41 -0.08	17.27 -0.31 0.00	18.49 -0.37 0.00	19.42 -0.18 0.00	16.67 -0.39 0.00	15.99 -0.21 0.00	15.93 -0.28 0.00	16.57 -0.34 0.00	16.56 -0.33 0.00	17.99 -0.34 0.00	17.37 -0.56 0.00	16.72 -0.60 0.00	16.42 -0.67 0.00	18.07 -0.81 0.00	24.84 -1.29 0.00	26.63 -1.48 0.00	26.62 -1.48 0.00	23.04 -1.00 0.00	18.74 -0.90 0.00	18.17 -0.93 0.00	18.70 -0.47 0.00
NIAGARA_230_LBMP 323716	20.84 -0.41 0.00	19.99 -0.23 0.00	19.77 -0.37 -0.06	17.47 -0.31 -0.07	17.36 -0.21 0.00	18.59 -0.27 0.00	19.52 -0.08 0.00	16.77 -0.29 0.00	16.09 -0.11 0.00	16.04 -0.18 0.00	16.69 -0.23 0.00	16.66 -0.22 0.00	18.12 -0.21 0.00	17.57 -0.36 0.00	16.92 -0.40 0.00	16.61 -0.48 0.00	18.28 -0.59 0.00	25.15 -0.98 0.00	26.98 -1.13 0.00	26.96 -1.14 0.00	23.33 -0.71 0.00	18.96 -0.67 0.00	18.41 -0.69 0.00	18.84 -0.33 0.00
NIAGARA__115KV_198_GIBSON 55903	20.75 -0.51 0.00	19.88 -0.34 0.00	19.64 -0.49 -0.06	17.37 -0.41 -0.08	17.27 -0.31 0.00	18.54 -0.31 0.00	19.43 -0.17 0.00	16.67 -0.39 0.00	15.99 -0.21 0.00	15.93 -0.28 0.00	16.57 -0.34 0.00	16.56 -0.33 0.00	17.99 -0.34 0.00	17.38 -0.55 0.00	16.72 -0.60 0.00	16.42 -0.67 0.00	18.06 -0.81 0.00	24.84 -1.29 0.00	26.63 -1.48 0.00	26.62 -1.48 0.00	23.04 -1.00 0.00	18.72 -0.91 0.00	18.21 -0.89 0.00	18.72 -0.45 0.00
NIAGARA____ 23760	20.84 -0.41 0.00	19.99 -0.23 0.00	19.77 -0.37 -0.06	17.47 -0.31 -0.07	17.36 -0.21 0.00	18.59 -0.27 0.00	19.52 -0.08 0.00	16.77 -0.29 0.00	16.09 -0.11 0.00	16.04 -0.18 0.00	16.69 -0.23 0.00	16.66 -0.22 0.00	18.12 -0.21 0.00	17.57 -0.36 0.00	16.92 -0.40 0.00	16.61 -0.48 0.00	18.28 -0.59 0.00	25.15 -0.98 0.00	26.98 -1.13 0.00	26.96 -1.14 0.00	23.33 -0.71 0.00	18.96 -0.67 0.00	18.41 -0.69 0.00	18.84 -0.33 0.00
NINE_MILE_1 23575	20.79 -0.46 0.00	19.79 -0.43 0.00	19.66 -0.44 -0.03	17.34 -0.39 -0.03	17.20 -0.37 0.00	18.44 -0.42 0.00	19.12 -0.47 0.00	16.59 -0.47 0.00	15.77 -0.43 0.00	15.78 -0.44 0.00	16.43 -0.48 0.00	16.40 -0.48 0.00	17.79 -0.54 0.00	17.38 -0.55 0.00	16.79 -0.53 0.00	16.56 -0.52 0.00	18.27 -0.60 0.00	25.30 -0.84 0.00	27.24 -0.87 0.00	27.23 -0.87 0.00	23.32 -0.72 0.00	19.02 -0.61 0.00	18.51 -0.60 0.00	18.70 -0.47 0.00
NINE_MILE_2 23744	20.80 -0.46 0.00	19.79 -0.43 0.00	19.67 -0.44 -0.03	17.34 -0.39 -0.03	17.20 -0.37 0.00	18.44 -0.42 0.00	19.12 -0.47 0.00	16.59 -0.47 0.00	15.77 -0.43 0.00	15.78 -0.44 0.00	16.43 -0.48 0.00	16.40 -0.48 0.00	17.79 -0.54 0.00	17.39 -0.55 0.00	16.79 -0.53 0.00	16.56 -0.52 0.00	18.27 -0.60 0.00	25.30 -0.84 0.00	27.24 -0.87 0.00	27.23 -0.87 0.00	23.32 -0.72 0.00	19.02 -0.61 0.00	18.51 -0.60 0.00	18.70 -0.47 0.00
NM_CAPITAL____DRP 24208	21.80 0.55 0.00	20.85 0.63 0.00	21.31 0.68 -0.55	18.97 0.59 -0.68	18.03 0.45 0.00	19.32 0.46 0.00	20.07 0.47 0.00	17.47 0.41 0.00	16.55 0.35 0.00	16.54 0.32 -0.01	17.17 0.26 0.00	17.12 0.24 0.00	18.59 0.26 0.00	18.23 0.30 0.00	17.72 0.40 0.00	17.47 0.38 0.00	19.30 0.44 0.00	26.83 0.70 0.00	28.96 0.85 0.00	28.97 0.87 0.00	24.73 0.69 0.00	20.13 0.49 0.00	19.56 0.45 0.00	19.42 0.25 0.00
NM_CENTRAL____DRP 24181	21.20 -0.05 0.00	20.18 -0.04 0.00	20.05 -0.06 -0.04	17.68 -0.06 -0.04	17.54 -0.04 0.00	18.82 -0.04 0.00	19.54 -0.06 0.00	16.95 -0.11 0.00	16.12 -0.08 0.00	16.13 -0.09 0.00	16.79 -0.12 0.00	16.76 -0.12 0.00	18.20 -0.13 0.00	17.79 -0.14 0.00	17.17 -0.14 0.00	16.95 -0.14 0.00	18.69 -0.18 0.00	25.90 -0.23 0.00	27.90 -0.21 0.00	27.87 -0.23 0.00	23.88 -0.16 0.00	19.45 -0.19 0.00	18.91 -0.19 0.00	19.07 -0.09 0.00
NM_FRONTIER____DRP 24179	20.75 -0.51 0.00	19.88 -0.34 0.00	19.64 -0.49 -0.06	17.37 -0.41 -0.08	17.27 -0.31 0.00	18.54 -0.31 0.00	19.43 -0.17 0.00	16.67 -0.39 0.00	15.99 -0.21 0.00	15.93 -0.28 0.00	16.57 -0.34 0.00	16.56 -0.33 0.00	17.99 -0.34 0.00	17.38 -0.55 0.00	16.72 -0.60 0.00	16.42 -0.67 0.00	18.06 -0.81 0.00	24.84 -1.29 0.00	26.63 -1.48 0.00	26.62 -1.48 0.00	23.04 -1.00 0.00	18.72 -0.91 0.00	18.21 -0.89 0.00	18.72 -0.45 0.00
NM_ST_REGIS____HYD 24053	20.52 -0.73 0.00	19.54 -0.68 0.00	19.36 -0.71 0.00	17.10 -0.61 0.00	17.00 -0.58 0.00	18.32 -0.53 0.00	19.11 -0.49 0.00	16.67 -0.38 0.00	15.79 -0.41 0.00	15.76 -0.45 0.00	16.49 -0.43 0.00	16.46 -0.43 0.00	17.92 -0.41 0.00	17.50 -0.43 0.00	16.84 -0.47 0.00	16.55 -0.53 0.00	18.33 -0.54 0.00	25.38 -0.75 0.00	27.29 -0.82 0.00	27.44 -0.66 0.00	23.53 -0.51 0.00	19.27 -0.36 0.00	18.75 -0.36 0.00	18.81 -0.35 0.00
NORTHPORT____1 23551	23.17 1.92 0.00	21.79 1.57 0.00	22.01 1.50 -0.43	19.51 1.29 -0.53	18.82 1.24 0.00	20.13 1.27 0.00	21.08 1.48 0.00	18.53 1.47 0.00	17.66 1.46 0.00	17.80 1.55 -0.03	18.36 1.44 0.00	18.38 1.50 0.00	19.77 1.44 0.00	19.36 1.44 0.00	18.84 1.52 0.00	18.76 1.68 0.00	20.80 1.93 0.00	28.95 2.81 0.00	31.06 2.90 -0.05	50.71 2.80 -19.82	26.97 2.21 -0.72	26.61 1.83 -5.14	22.33 1.74 -1.48	20.57 1.40 0.00
NORTHPORT____2 23552	23.17 1.92 0.00	21.79 1.57 0.00	22.01 1.50 -0.43	19.51 1.29 -0.53	18.82 1.24 0.00	20.13 1.27 0.00	21.08 1.48 0.00	18.53 1.47 0.00	17.66 1.46 0.00	17.80 1.55 -0.03	18.36 1.44 0.00	18.38 1.50 0.00	19.77 1.44 0.00	19.36 1.44 0.00	18.84 1.52 0.00	18.76 1.68 0.00	20.80 1.93 0.00	28.95 2.81 0.00	31.06 2.90 -0.05	50.71 2.80 -19.82	26.97 2.21 -0.72	26.61 1.83 -5.14	22.33 1.74 -1.48	20.57 1.40 0.00
NORTHPORT____3 23553	22.91 1.66 0.00	21.57 1.35 0.00	21.78 1.28 -0.43	19.31 1.08 -0.53	18.61 1.03 0.00	19.91 1.06 0.00	20.84 1.24 0.00	18.28 1.22 0.00	17.42 1.22 0.00	17.55 1.31 -0.03	18.12 1.21 0.00	18.13 1.25 0.00	19.53 1.20 0.00	19.12 1.19 0.00	18.61 1.30 0.00	18.52 1.44 0.00	20.53 1.66 0.00	28.58 2.45 0.00	30.66 2.50 -0.05	43.40 2.38 -12.92	23.56 1.93 2.40	26.33 1.55 -5.14	22.08 1.50 -1.48	20.34 1.17 0.00
NORTHPORT____4 23650	22.91 1.66 0.00	21.57 1.35 0.00	21.78 1.28 -0.43	19.31 1.08 -0.53	18.61 1.03 0.00	19.91 1.06 0.00	20.84 1.24 0.00	18.28 1.22 0.00	17.42 1.22 0.00	17.55 1.31 -0.03	18.12 1.21 0.00	18.13 1.25 0.00	19.53 1.20 0.00	19.12 1.19 0.00	18.61 1.30 0.00	18.52 1.44 0.00	20.53 1.66 0.00	28.58 2.45 0.00	30.66 2.50 -0.05	43.40 2.38 -12.92	23.56 1.93 2.40	26.33 1.55 -5.14	22.08 1.50 -1.48	20.34 1.17 0.00

NORTHPORT___IC 23718	23.17 1.92 0.00	21.79 1.57 0.00	22.01 1.50 -0.43	19.51 1.29 -0.53	18.82 1.24 0.00	20.13 1.27 0.00	21.08 1.48 0.00	18.53 1.47 0.00	17.66 1.46 0.00	17.80 1.55 -0.03	18.36 1.44 0.00	18.38 1.50 0.00	19.77 1.44 0.00	19.36 1.44 0.00	18.84 1.52 0.00	18.76 1.68 0.00	20.80 1.93 0.00	28.95 2.81 0.00	31.06 2.90 -0.05	50.71 2.80 -19.82	26.97 2.21 -0.72	26.61 1.83 -5.14	22.33 1.74 -1.48	20.57 1.40 0.00
NORTH___COUNTRY_ESR 323785	20.94 -0.31 0.00	19.90 -0.32 0.00	19.79 -0.28 0.00	17.50 -0.20 0.00	17.45 -0.13 0.00	18.80 -0.06 0.00	19.60 0.00 0.00	17.10 0.04 0.00	16.22 0.02 0.00	16.23 0.01 0.00	16.96 0.05 0.00	16.93 0.05 0.00	18.42 0.09 0.00	18.01 0.08 0.00	17.34 0.02 0.00	17.04 -0.04 0.00	18.86 -0.01 0.00	26.08 -0.05 0.00	28.05 -0.05 0.00	28.14 0.04 0.00	24.08 0.04 0.00	19.69 0.05 0.00	19.13 0.03 0.00	19.20 0.03 0.00
NPX_GEN_1385_PROXY 323591	22.28 1.61 0.58	21.63 1.41 0.00	21.93 1.43 -0.43	19.51 1.29 -0.53	18.81 1.24 0.00	19.83 1.00 0.03	20.72 1.12 0.00	18.10 1.04 0.00	17.43 1.23 0.00	17.38 1.13 -0.03	17.72 0.80 0.00	17.77 0.89 0.00	19.31 0.98 0.00	18.88 0.95 0.00	18.41 1.09 0.00	18.08 1.00 0.00	20.08 1.21 0.00	30.53 1.92 -2.48	30.14 1.98 -0.05	49.95 2.04 -19.82	26.10 1.33 -0.72	25.99 1.21 -5.14	21.89 1.30 -1.48	20.47 1.30 0.00
NPX_GEN_CSC 323557	23.07 2.40 0.58	22.14 1.92 0.00	22.34 1.84 -0.43	19.77 1.54 -0.53	19.08 1.50 0.00	20.45 1.62 0.03	21.51 1.92 0.00	18.98 1.92 0.00	18.11 1.91 0.00	18.27 2.03 -0.03	18.88 1.96 0.00	18.88 2.00 0.00	20.15 1.82 0.00	19.79 1.86 0.00	19.23 1.91 0.00	19.28 2.19 0.00	21.36 2.48 0.00	32.25 3.64 -2.49	31.98 3.82 -0.05	109.70 3.72 -77.89	54.14 3.05 -27.05	27.24 2.47 -5.15	22.84 2.26 -1.48	20.94 1.77 0.00
NSINS_S_GLNS_FALLS 23858	22.09 0.84 0.00	20.93 0.71 0.00	21.37 0.72 -0.57	18.99 0.59 -0.70	18.11 0.54 0.00	19.53 0.67 0.00	20.37 0.77 0.00	17.70 0.64 0.00	16.70 0.50 0.00	16.54 0.32 -0.01	17.20 0.29 0.00	17.16 0.27 0.00	18.63 0.30 0.00	18.32 0.39 0.00	17.88 0.57 0.00	17.63 0.54 0.00	19.53 0.66 0.00	27.29 1.16 0.00	29.66 1.55 0.00	29.58 1.48 0.00	25.29 1.25 0.00	20.59 0.96 0.00	19.89 0.78 0.00	19.71 0.54 0.00
NUCOR_STEEL___DRP 24197	21.52 0.26 0.00	20.42 0.20 0.00	20.38 0.25 -0.05	18.01 0.24 -0.06	17.77 0.19 0.00	19.12 0.26 0.00	19.90 0.30 0.00	17.31 0.26 0.00	16.38 0.18 0.00	16.43 0.21 0.00	17.07 0.16 0.00	17.08 0.20 0.00	18.52 0.18 0.00	17.98 0.05 0.00	17.41 0.09 0.00	17.18 0.10 0.00	19.00 0.12 0.00	26.38 0.25 0.00	28.31 0.21 0.00	28.38 0.29 0.00	24.32 0.28 0.00	19.82 0.19 0.00	19.17 0.07 0.00	19.30 0.14 0.00
NUMBER_THREE_WT_PWR 323818	21.17 -0.08 0.00	20.13 -0.08 0.00	19.88 -0.21 -0.02	17.43 -0.30 -0.02	17.32 -0.26 0.00	18.78 -0.08 0.00	19.60 0.00 0.00	17.03 -0.03 0.00	16.19 0.00 0.00	16.11 -0.11 0.00	16.71 -0.20 0.00	16.65 -0.23 0.00	18.14 -0.19 0.00	17.69 -0.24 0.00	17.09 -0.23 0.00	16.85 -0.24 0.00	18.60 -0.27 0.00	25.90 -0.23 0.00	28.11 0.00 0.00	28.28 0.18 0.00	24.26 0.21 0.00	19.83 0.20 0.00	19.26 0.16 0.00	19.34 0.17 0.00
NYISO_LBMP_REFERENCE 24008	21.25 0.00 0.00	20.22 0.00 0.00	20.08 0.00 0.00	17.70 0.00 0.00	17.57 0.00 0.00	18.86 0.00 0.00	19.60 0.00 0.00	17.06 0.00 0.00	16.20 0.00 0.00	16.22 0.00 0.00	16.91 0.00 0.00	16.88 0.00 0.00	18.33 0.00 0.00	17.93 0.00 0.00	17.32 0.00 0.00	17.09 0.00 0.00	18.87 0.00 0.00	26.13 0.00 0.00	28.11 0.00 0.00	28.10 0.00 0.00	24.04 0.00 0.00	19.63 0.00 0.00	19.10 0.00 0.00	19.17 0.00 0.00
NYPA_BRENTWD____GT 24164	23.45 2.20 0.00	22.03 1.81 0.00	22.23 1.72 -0.43	19.70 1.47 -0.53	18.99 1.42 0.00	20.35 1.49 0.00	21.33 1.73 0.00	18.77 1.71 0.00	17.89 1.69 0.00	18.03 1.79 -0.03	18.64 1.73 0.00	18.64 1.76 0.00	20.02 1.69 0.00	19.62 1.69 0.00	19.10 1.78 0.00	19.05 1.97 0.00	21.14 2.26 0.00	29.44 3.30 0.00	31.59 3.43 -0.05	62.09 3.30 -30.69	32.36 2.66 -5.65	26.94 2.16 -5.14	22.61 2.03 -1.48	20.81 1.64 0.00
NYPA_GOWANUS____GT5 24156	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.85 1.80 -0.01	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
NYPA_GOWANUS____GT6 24157	22.68 1.43 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.81 0.95 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.23 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.82 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.85 1.80 -0.01	21.06 1.42 0.00	20.38 1.27 0.00	20.16 0.99 0.00
NYPA_HARLEM__RVR_GT1 24160	22.60 1.34 0.00	21.36 1.14 0.00	21.58 1.07 -0.43	19.14 0.91 -0.53	18.46 0.89 0.00	19.75 0.89 0.00	20.59 0.99 0.00	18.12 1.06 0.00	17.24 1.04 0.00	17.36 1.12 -0.03	18.02 1.11 0.00	18.04 1.16 0.00	19.57 1.24 0.00	19.19 1.27 0.00	18.68 1.36 0.00	18.51 1.43 0.00	20.42 1.55 0.00	28.27 2.14 0.00	30.25 2.15 0.00	30.09 1.99 0.00	25.68 1.64 0.00	20.94 1.31 0.00	20.27 1.16 0.00	20.04 0.87 0.00
NYPA_HARLEM__RVR_GT2 24161	22.60 1.34 0.00	21.36 1.14 0.00	21.58 1.07 -0.43	19.14 0.91 -0.53	18.46 0.89 0.00	19.75 0.89 0.00	20.59 0.99 0.00	18.12 1.06 0.00	17.24 1.04 0.00	17.36 1.12 -0.03	18.02 1.11 0.00	18.04 1.16 0.00	19.57 1.24 0.00	19.19 1.27 0.00	18.68 1.36 0.00	18.51 1.43 0.00	20.42 1.55 0.00	28.27 2.14 0.00	30.25 2.15 0.00	30.09 1.99 0.00	25.68 1.64 0.00	20.94 1.31 0.00	20.27 1.16 0.00	20.04 0.87 0.00
NYPA_KENT____GT 24152	22.64 1.39 0.00	21.40 1.18 0.00	21.61 1.11 -0.43	19.16 0.93 -0.53	18.48 0.90 0.00	19.78 0.92 0.00	20.64 1.04 0.00	18.15 1.09 0.00	17.28 1.09 0.00	17.44 1.20 -0.03	18.12 1.21 0.00	18.14 1.26 0.00	19.69 1.36 0.00	19.32 1.39 0.00	18.79 1.48 0.00	18.63 1.54 0.00	42.39 1.67 -21.84	28.44 2.31 0.00	36.52 2.32 -6.10	30.25 2.16 0.00	25.80 1.76 0.00	21.02 1.38 0.00	20.35 1.24 0.00	20.12 0.95 0.00
NYPA_POUCH1____GT 24155	22.72 1.47 0.00	21.47 1.25 0.00	21.68 1.18 -0.43	19.22 0.99 -0.53	18.53 0.95 0.00	19.83 0.98 0.00	20.69 1.10 0.00	18.19 1.14 0.00	17.33 1.13 0.00	17.48 1.24 -0.03	18.18 1.27 0.00	18.19 1.31 0.00	19.75 1.42 0.00	19.38 1.45 0.00	18.86 1.54 0.00	18.70 1.61 0.00	88.29 1.72 -67.70	28.49 2.36 0.00	49.42 2.41 -18.90	30.38 2.27 -0.02	25.90 1.85 -0.01	21.10 1.46 0.00	20.41 1.31 0.00	20.19 1.02 0.00

NYPA_VERNON____GT2 24162	22.60 1.35 0.00	21.36 1.14 0.00	21.58 1.08 -0.43	19.14 0.91 -0.53	18.45 0.88 0.00	19.75 0.89 0.00	20.62 1.02 0.00	18.13 1.07 0.00	17.26 1.07 0.00	17.42 1.18 -0.03	18.11 1.19 0.00	18.12 1.24 0.00	19.67 1.34 0.00	19.29 1.36 0.00	18.76 1.45 0.00	18.60 1.51 0.00	28.00 1.65 -7.49	28.39 2.26 0.00	32.47 2.27 -2.09	30.20 2.10 0.00	25.76 1.72 0.00	20.97 1.34 0.00	20.31 1.21 0.00	20.09 0.92 0.00
NYPA_VERNON____GT3 24163	22.60 1.35 0.00	21.36 1.14 0.00	21.58 1.08 -0.43	19.14 0.91 -0.53	18.45 0.88 0.00	19.75 0.89 0.00	20.62 1.02 0.00	18.13 1.07 0.00	17.26 1.07 0.00	17.42 1.18 -0.03	18.11 1.19 0.00	18.12 1.24 0.00	19.67 1.34 0.00	19.29 1.36 0.00	18.76 1.45 0.00	18.60 1.51 0.00	28.00 1.65 -7.49	28.39 2.26 0.00	32.47 2.27 -2.09	30.20 2.10 0.00	25.76 1.72 0.00	20.97 1.34 0.00	20.31 1.21 0.00	20.09 0.92 0.00
NYPA____ASTORIA_CC1 323568	22.56 1.31 0.00	21.32 1.11 0.00	21.55 1.04 -0.43	19.11 0.88 -0.53	18.42 0.85 0.00	19.71 0.86 0.00	20.58 0.98 0.00	18.10 1.04 0.00	17.23 1.03 0.00	17.38 1.14 -0.03	18.06 1.15 0.00	18.08 1.20 0.00	19.62 1.29 0.00	19.24 1.31 0.00	18.72 1.40 0.00	18.55 1.47 0.00	20.47 1.60 0.00	28.32 2.19 0.00	30.32 2.21 0.00	30.14 2.04 0.00	25.70 1.66 0.00	20.93 1.29 0.00	20.26 1.16 0.00	20.04 0.87 0.00
NYPA____ASTORIA_CC2 323569	22.56 1.31 0.00	21.32 1.11 0.00	21.55 1.04 -0.43	19.11 0.88 -0.53	18.42 0.85 0.00	19.71 0.86 0.00	20.58 0.98 0.00	18.10 1.04 0.00	17.23 1.03 0.00	17.38 1.14 -0.03	18.06 1.15 0.00	18.08 1.20 0.00	19.62 1.29 0.00	19.24 1.31 0.00	18.72 1.40 0.00	18.55 1.47 0.00	20.47 1.60 0.00	28.32 2.19 0.00	30.32 2.21 0.00	30.14 2.04 0.00	25.70 1.66 0.00	20.93 1.29 0.00	20.26 1.16 0.00	20.04 0.87 0.00
NYPA____HOLTSVILL 23794	23.35 2.09 0.00	21.92 1.70 0.00	22.13 1.62 -0.43	19.59 1.36 -0.53	18.90 1.33 0.00	20.25 1.39 0.00	21.24 1.64 0.00	18.72 1.66 0.00	17.84 1.65 0.00	17.99 1.75 -0.03	18.60 1.68 0.00	18.60 1.72 0.00	19.94 1.61 0.00	19.56 1.63 0.00	19.02 1.70 0.00	18.99 1.91 0.00	21.05 2.18 0.00	29.31 3.17 -0.01	31.45 3.30 -0.05	108.10 3.18 -76.81	53.18 2.58 -26.57	26.88 2.11 -5.15	22.54 1.96 -1.48	20.71 1.54 0.00
NYPA____HELLGATE_GT1 24158	22.60 1.34 0.00	21.36 1.14 0.00	21.58 1.07 -0.43	19.14 0.91 -0.53	18.46 0.89 0.00	19.75 0.89 0.00	20.59 0.99 0.00	18.12 1.06 0.00	17.24 1.04 0.00	17.36 1.12 -0.03	18.02 1.11 0.00	18.04 1.16 0.00	19.57 1.24 0.00	19.19 1.27 0.00	18.68 1.36 0.00	18.51 1.43 0.00	20.42 1.55 0.00	28.27 2.14 0.00	30.25 2.15 0.00	30.09 1.99 0.00	25.68 1.64 0.00	20.94 1.31 0.00	20.27 1.16 0.00	20.04 0.87 0.00
NYPA____HELLGATE_GT2 24159	22.60 1.34 0.00	21.36 1.14 0.00	21.58 1.07 -0.43	19.14 0.91 -0.53	18.46 0.89 0.00	19.75 0.89 0.00	20.59 0.99 0.00	18.12 1.06 0.00	17.24 1.04 0.00	17.36 1.12 -0.03	18.02 1.11 0.00	18.04 1.16 0.00	19.57 1.24 0.00	19.19 1.27 0.00	18.68 1.36 0.00	18.51 1.43 0.00	20.42 1.55 0.00	28.27 2.14 0.00	30.25 2.15 0.00	30.09 1.99 0.00	25.68 1.64 0.00	20.94 1.31 0.00	20.27 1.16 0.00	20.04 0.87 0.00
NYS_BARGE____HYD 23848	21.09 -0.16 0.00	20.25 0.03 0.00	20.01 -0.12 -0.06	17.69 -0.09 -0.07	17.59 0.02 0.00	18.83 -0.03 0.00	19.79 0.19 0.00	16.97 -0.09 0.00	16.25 0.05 0.00	16.18 -0.03 0.00	16.84 -0.08 0.00	16.81 -0.07 0.00	18.36 0.03 0.00	17.75 -0.18 0.00	17.10 -0.22 0.00	16.76 -0.33 0.00	18.44 -0.43 0.00	25.39 -0.74 0.00	27.27 -0.84 0.00	27.25 -0.84 0.00	23.58 -0.46 0.00	19.16 -0.48 0.00	18.60 -0.50 0.00	19.05 -0.12 0.00
OAK_ORCHARD____HYD 24046	21.29 0.04 0.00	20.32 0.10 0.00	20.14 0.01 -0.05	17.77 0.01 -0.06	17.64 0.07 0.00	18.93 0.08 0.00	19.83 0.23 0.00	17.13 0.08 0.00	16.37 0.17 0.00	16.34 0.12 0.00	17.02 0.10 0.00	16.99 0.11 0.00	18.40 0.07 0.00	17.95 0.02 0.00	17.29 -0.03 0.00	17.05 -0.04 0.00	18.80 -0.07 0.00	25.97 -0.16 0.00	27.97 -0.14 0.00	27.96 -0.14 0.00	24.07 0.03 0.00	19.56 -0.07 0.00	18.97 -0.14 0.00	19.21 0.05 0.00
OAKDALE__35_KV_LOAD 356122	21.38 0.12 0.00	20.35 0.14 0.00	20.35 0.15 -0.12	17.97 0.11 -0.15	17.74 0.17 0.00	19.02 0.16 0.00	19.82 0.22 0.00	17.21 0.15 0.00	16.40 0.20 0.00	16.43 0.22 0.00	17.11 0.20 0.00	17.08 0.20 0.00	18.55 0.22 0.00	18.14 0.21 0.00	17.54 0.23 0.00	17.32 0.24 0.00	19.08 0.21 0.00	26.43 0.30 0.00	28.44 0.33 0.00	28.37 0.28 0.00	24.29 0.25 0.00	19.79 0.15 0.00	19.21 0.11 0.00	19.30 0.13 0.00
OCC_CHEM____DRP 24175	20.79 -0.47 0.00	19.92 -0.29 0.00	19.68 -0.46 -0.06	17.40 -0.37 -0.08	17.30 -0.27 0.00	18.58 -0.27 0.00	19.47 -0.12 0.00	16.70 -0.36 0.00	16.02 -0.18 0.00	15.97 -0.25 0.00	16.61 -0.30 0.00	16.59 -0.29 0.00	18.04 -0.30 0.00	17.43 -0.50 0.00	16.77 -0.55 0.00	16.46 -0.62 0.00	18.11 -0.76 0.00	24.91 -1.22 0.00	26.71 -1.40 0.00	26.69 -1.40 0.00	23.11 -0.93 0.00	18.78 -0.86 0.00	18.26 -0.84 0.00	18.76 -0.40 0.00
OH_GEN_PROXY 24063	20.26 -0.41 0.58	19.99 -0.23 0.00	19.77 -0.37 -0.06	17.48 -0.30 -0.07	17.36 -0.21 0.00	18.56 -0.27 0.03	19.54 -0.06 0.00	16.79 -0.27 0.00	16.11 -0.09 0.00	16.07 -0.15 0.00	16.72 -0.19 0.00	16.70 -0.18 0.00	18.15 -0.18 0.00	17.61 -0.32 0.00	16.96 -0.36 0.00	16.64 -0.44 0.00	18.32 -0.55 0.00	41.02 -0.91 -15.80	27.05 -1.06 0.00	27.01 -1.08 0.00	23.37 -0.67 0.00	19.00 -0.63 0.00	18.44 -0.66 0.00	18.85 -0.31 0.00
OLIN_CORP_DRP 24177	20.83 -0.43 0.00	19.99 -0.23 0.00	19.75 -0.39 -0.06	17.47 -0.31 -0.08	17.37 -0.21 0.00	18.65 -0.21 0.00	19.54 -0.06 0.00	16.72 -0.34 0.00	16.00 -0.20 0.00	15.93 -0.28 0.00	16.57 -0.34 0.00	16.56 -0.33 0.00	18.03 -0.30 0.00	17.49 -0.44 0.00	16.83 -0.48 0.00	16.52 -0.56 0.00	18.18 -0.69 0.00	25.02 -1.11 0.00	26.84 -1.27 0.00	26.82 -1.27 0.00	23.22 -0.83 0.00	18.86 -0.77 0.00	18.35 -0.76 0.00	18.78 -0.38 0.00
OLIN_CORP_DSASP 323712	20.77 -0.48 0.00	19.92 -0.29 0.00	19.69 -0.45 -0.06	17.41 -0.37 -0.08	17.30 -0.27 0.00	18.52 -0.33 0.00	19.46 -0.13 0.00	16.70 -0.36 0.00	16.02 -0.17 0.00	15.97 -0.25 0.00	16.61 -0.30 0.00	16.59 -0.29 0.00	18.04 -0.30 0.00	17.43 -0.51 0.00	16.77 -0.54 0.00	16.46 -0.62 0.00	18.12 -0.75 0.00	24.91 -1.22 0.00	26.71 -1.40 0.00	26.69 -1.41 0.00	23.11 -0.93 0.00	18.79 -0.85 0.00	18.23 -0.87 0.00	18.74 -0.42 0.00
ONEIDA_HERK_LFGE 323681	21.49 0.23 0.00	20.45 0.23 0.00	20.26 0.17 -0.02	17.82 0.10 -0.02	17.70 0.12 0.00	19.05 0.20 0.00	19.85 0.25 0.00	17.33 0.27 0.00	16.43 0.23 0.00	16.35 0.13 0.00	17.00 0.08 0.00	16.94 0.06 0.00	18.47 0.14 0.00	18.03 0.10 0.00	17.44 0.12 0.00	17.15 0.07 0.00	18.96 0.09 0.00	26.38 0.25 0.00	28.55 0.45 0.00	28.65 0.55 0.00	24.52 0.48 0.00	20.00 0.37 0.00	19.44 0.33 0.00	19.51 0.35 0.00

ONEIDA___115KV_TB4 55905	21.71 0.45 0.00	20.68 0.46 0.00	20.52 0.42 -0.03	18.08 0.34 -0.03	17.95 0.37 0.00	19.28 0.42 0.00	20.06 0.46 0.00	17.44 0.38 0.00	16.55 0.35 0.00	16.50 0.28 0.00	17.16 0.25 0.00	17.12 0.24 0.00	18.66 0.32 0.00	18.22 0.29 0.00	17.63 0.31 0.00	17.34 0.26 0.00	19.16 0.30 0.00	26.63 0.50 0.00	28.77 0.66 0.00	28.85 0.76 0.00	24.69 0.65 0.00	20.11 0.47 0.00	19.55 0.45 0.00	19.64 0.47 0.00
ONONDAGA_REF_OCCRA 23987	21.31 0.06 0.00	20.28 0.06 0.00	20.17 0.05 -0.04	17.79 0.03 -0.05	17.64 0.06 0.00	18.92 0.06 0.00	19.65 0.06 0.00	17.06 0.00 0.00	16.22 0.02 0.00	16.22 0.01 0.00	16.88 -0.03 0.00	16.85 -0.03 0.00	18.30 -0.03 0.00	17.88 -0.05 0.00	17.28 -0.04 0.00	17.04 -0.04 0.00	18.80 -0.07 0.00	26.07 -0.07 0.00	28.09 -0.02 0.00	28.08 -0.01 0.00	24.05 0.01 0.00	19.58 -0.05 0.00	19.04 -0.06 0.00	19.19 0.02 0.00
ONONDAGA___COGEN 23986	21.30 0.04 0.00	20.27 0.05 0.00	20.17 0.05 -0.04	17.80 0.04 -0.05	17.64 0.07 0.00	18.92 0.07 0.00	19.65 0.05 0.00	17.04 -0.02 0.00	16.20 0.00 0.00	16.21 0.00 0.00	16.87 -0.04 0.00	16.83 -0.05 0.00	18.31 -0.02 0.00	17.87 -0.06 0.00	17.27 -0.05 0.00	17.02 -0.06 0.00	18.79 -0.08 0.00	26.04 -0.09 0.00	28.04 -0.07 0.00	28.03 -0.06 0.00	24.01 -0.03 0.00	19.56 -0.07 0.00	19.02 -0.08 0.00	19.17 0.00 0.00
ONTARIO___LFGE 23819	21.36 0.10 0.00	20.39 0.17 0.00	20.30 0.16 -0.06	17.90 0.13 -0.07	17.78 0.20 0.00	19.04 0.19 0.00	19.93 0.33 0.00	17.28 0.23 0.00	16.46 0.27 0.00	16.43 0.22 0.00	17.08 0.17 0.00	17.05 0.17 0.00	18.52 0.19 0.00	18.06 0.13 0.00	17.44 0.13 0.00	17.18 0.09 0.00	18.95 0.09 0.00	26.31 0.18 0.00	28.41 0.30 0.00	28.41 0.31 0.00	24.37 0.33 0.00	19.81 0.18 0.00	19.19 0.08 0.00	19.36 0.19 0.00
ORANGEVILLE_WT_PWR 323706	21.03 -0.22 0.00	20.19 -0.03 0.00	20.10 -0.05 -0.07	17.76 -0.03 -0.09	17.68 0.10 0.00	18.92 0.06 0.00	19.84 0.24 0.00	17.08 0.02 0.00	16.39 0.19 0.00	16.36 0.14 0.00	17.04 0.12 0.00	17.02 0.14 0.00	18.51 0.18 0.00	18.01 0.07 0.00	17.36 0.04 0.00	17.08 -0.01 0.00	18.80 -0.07 0.00	25.96 -0.17 0.00	27.90 -0.21 0.00	27.85 -0.24 0.00	24.02 -0.02 0.00	19.54 -0.10 0.00	18.94 -0.16 0.00	19.26 0.09 0.00
ORANGEVILLE___ESR 323794	21.03 -0.22 0.00	20.19 -0.03 0.00	20.10 -0.05 -0.07	17.76 -0.03 -0.09	17.68 0.10 0.00	18.92 0.06 0.00	19.84 0.24 0.00	17.08 0.02 0.00	16.39 0.19 0.00	16.36 0.14 0.00	17.04 0.12 0.00	17.02 0.14 0.00	18.51 0.18 0.00	18.01 0.07 0.00	17.36 0.04 0.00	17.08 -0.01 0.00	18.80 -0.07 0.00	25.96 -0.17 0.00	27.90 -0.21 0.00	27.85 -0.24 0.00	24.02 -0.02 0.00	19.54 -0.10 0.00	18.94 -0.16 0.00	19.26 0.09 0.00
OSWEGATCHIE___HYD 24044	20.71 -0.54 0.00	19.70 -0.52 0.00	19.48 -0.61 -0.01	17.13 -0.58 -0.01	17.02 -0.55 0.00	18.41 -0.45 0.00	19.22 -0.38 0.00	16.73 -0.33 0.00	15.86 -0.34 0.00	15.77 -0.44 0.00	16.42 -0.49 0.00	16.38 -0.51 0.00	17.81 -0.53 0.00	17.38 -0.56 0.00	16.75 -0.57 0.00	16.52 -0.57 0.00	18.27 -0.60 0.00	25.36 -0.77 0.00	27.41 -0.69 0.00	27.59 -0.51 0.00	23.70 -0.34 0.00	19.42 -0.21 0.00	18.87 -0.24 0.00	18.93 -0.24 0.00
OSWEGO___5 23606	20.93 -0.33 0.00	19.92 -0.30 0.00	19.80 -0.31 -0.03	17.46 -0.28 -0.04	17.32 -0.25 0.00	18.57 -0.29 0.00	19.27 -0.33 0.00	16.72 -0.34 0.00	15.89 -0.30 0.00	15.91 -0.31 0.00	16.56 -0.36 0.00	16.53 -0.35 0.00	17.94 -0.39 0.00	17.53 -0.40 0.00	16.93 -0.39 0.00	16.70 -0.38 0.00	18.43 -0.44 0.00	25.52 -0.61 0.00	27.48 -0.63 0.00	27.47 -0.63 0.00	23.53 -0.51 0.00	19.19 -0.45 0.00	18.66 -0.44 0.00	18.83 -0.34 0.00
OSWEGO___6 23613	20.93 -0.33 0.00	19.92 -0.30 0.00	19.80 -0.31 -0.03	17.46 -0.28 -0.04	17.32 -0.25 0.00	18.57 -0.29 0.00	19.27 -0.33 0.00	16.72 -0.34 0.00	15.89 -0.30 0.00	15.91 -0.31 0.00	16.56 -0.36 0.00	16.53 -0.35 0.00	17.94 -0.39 0.00	17.53 -0.40 0.00	16.93 -0.39 0.00	16.70 -0.38 0.00	18.43 -0.44 0.00	25.52 -0.61 0.00	27.48 -0.63 0.00	27.47 -0.63 0.00	23.53 -0.51 0.00	19.19 -0.45 0.00	18.66 -0.44 0.00	18.83 -0.34 0.00
OUTOKUMPU-AB___DRP 24206	21.27 0.02 0.00	20.39 0.17 0.00	20.17 0.02 -0.06	17.82 0.04 -0.08	17.72 0.15 0.00	19.04 0.18 0.00	19.96 0.36 0.00	17.13 0.07 0.00	16.42 0.23 0.00	16.38 0.16 0.00	17.04 0.13 0.00	17.02 0.14 0.00	18.56 0.23 0.00	17.97 0.04 0.00	17.31 0.00 0.00	16.98 -0.10 0.00	18.69 -0.18 0.00	25.75 -0.39 0.00	27.64 -0.46 0.00	27.60 -0.49 0.00	23.85 -0.19 0.00	19.36 -0.27 0.00	18.82 -0.28 0.00	19.26 0.09 0.00
OXBOW___ 24026	21.07 -0.18 0.00	20.21 -0.01 0.00	19.99 -0.16 -0.06	17.66 -0.12 -0.08	17.56 -0.01 0.00	18.80 -0.06 0.00	19.76 0.16 0.00	16.96 -0.10 0.00	16.27 0.07 0.00	16.22 0.00 0.00	16.87 -0.04 0.00	16.86 -0.02 0.00	18.36 0.02 0.00	17.75 -0.18 0.00	17.10 -0.22 0.00	16.77 -0.31 0.00	18.46 -0.41 0.00	25.41 -0.72 0.00	27.27 -0.84 0.00	27.23 -0.87 0.00	23.55 -0.49 0.00	19.14 -0.50 0.00	18.56 -0.55 0.00	19.05 -0.12 0.00
OXY_CHEM_DSASP 323612	20.79 -0.47 0.00	19.92 -0.29 0.00	19.68 -0.46 -0.06	17.40 -0.37 -0.08	17.30 -0.27 0.00	18.58 -0.27 0.00	19.47 -0.12 0.00	16.70 -0.36 0.00	16.02 -0.18 0.00	15.97 -0.25 0.00	16.61 -0.30 0.00	16.59 -0.29 0.00	18.04 -0.30 0.00	17.43 -0.50 0.00	16.77 -0.55 0.00	16.46 -0.62 0.00	18.11 -0.76 0.00	24.91 -1.22 0.00	26.71 -1.40 0.00	26.69 -1.40 0.00	23.11 -0.93 0.00	18.78 -0.86 0.00	18.26 -0.84 0.00	18.76 -0.40 0.00
OZONE_PARK_ESR 323760	22.80 1.54 0.00	21.54 1.33 0.00	21.76 1.25 -0.43	19.28 1.05 -0.53	18.60 1.02 0.00	19.89 1.03 0.00	20.76 1.17 0.00	18.26 1.20 0.00	17.38 1.19 0.00	17.56 1.31 -0.03	18.25 1.33 0.00	18.26 1.38 0.00	19.81 1.48 0.00	19.44 1.51 0.00	18.91 1.59 0.00	18.74 1.66 0.00	20.68 1.81 0.00	28.60 2.48 0.00	30.63 2.52 0.00	30.46 2.36 0.00	25.98 1.94 0.00	21.15 1.51 0.00	20.46 1.36 0.00	20.24 1.08 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.79 -0.47 0.00	19.92 -0.29 0.00	19.68 -0.46 -0.06	17.40 -0.37 -0.08	17.30 -0.27 0.00	18.58 -0.27 0.00	19.47 -0.12 0.00	16.70 -0.36 0.00	16.02 -0.18 0.00	15.97 -0.25 0.00	16.61 -0.30 0.00	16.59 -0.29 0.00	18.04 -0.30 0.00	17.43 -0.50 0.00	16.77 -0.55 0.00	16.46 -0.62 0.00	18.11 -0.76 0.00	24.91 -1.22 0.00	26.71 -1.40 0.00	26.69 -1.40 0.00	23.11 -0.93 0.00	18.78 -0.86 0.00	18.26 -0.84 0.00	18.76 -0.40 0.00
PACKARD___115KV_DUPONT_184 80571	20.79 -0.47 0.00	19.92 -0.29 0.00	19.68 -0.46 -0.06	17.40 -0.37 -0.08	17.30 -0.27 0.00	18.58 -0.27 0.00	19.47 -0.12 0.00	16.70 -0.36 0.00	16.02 -0.18 0.00	15.97 -0.25 0.00	16.61 -0.30 0.00	16.59 -0.29 0.00	18.04 -0.30 0.00	17.43 -0.50 0.00	16.77 -0.55 0.00	16.46 -0.62 0.00	18.11 -0.76 0.00	24.91 -1.22 0.00	26.71 -1.40 0.00	26.69 -1.40 0.00	23.11 -0.93 0.00	18.78 -0.86 0.00	18.26 -0.84 0.00	18.76 -0.40 0.00

PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.54 1.29 0.00	21.33 1.12 0.00	21.56 1.06 -0.43	19.12 0.90 -0.53	18.44 0.86 0.00	19.71 0.85 0.00	20.58 0.98 0.00	18.09 1.04 0.00	17.20 1.01 0.00	17.33 1.08 -0.03	18.00 1.08 0.00	18.01 1.13 0.00	19.54 1.21 0.00	19.16 1.23 0.00	18.65 1.33 0.00	18.47 1.39 0.00	20.39 1.52 0.00	28.23 2.10 0.00	30.23 2.13 0.00	30.08 1.98 0.00	25.66 1.62 0.00	20.92 1.29 0.00	20.23 1.13 0.00	20.02 0.85 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.55 1.30 0.00	21.40 1.18 0.00	21.63 1.13 -0.43	19.19 0.97 -0.53	18.51 0.93 0.00	19.77 0.91 0.00	20.61 1.01 0.00	18.10 1.05 0.00	17.21 1.02 0.00	17.31 1.07 -0.03	17.97 1.06 0.00	17.98 1.10 0.00	19.55 1.22 0.00	19.16 1.23 0.00	18.64 1.33 0.00	18.44 1.35 0.00	20.34 1.47 0.00	28.17 2.04 0.00	30.16 2.05 0.00	30.03 1.93 0.00	25.62 1.58 0.00	20.88 1.25 0.00	20.22 1.12 0.00	20.03 0.87 0.00
PATROON__115KV_TB1 80586	21.82 0.56 0.00	20.88 0.66 0.00	21.34 0.70 -0.55	18.99 0.60 -0.68	18.03 0.45 0.00	19.32 0.46 0.00	20.07 0.48 0.00	17.49 0.43 0.00	16.57 0.37 0.00	16.56 0.34 -0.01	17.19 0.27 0.00	17.14 0.27 0.00	18.62 0.29 0.00	18.26 0.33 0.00	17.75 0.44 0.00	17.51 0.42 0.00	19.35 0.49 0.00	26.90 0.77 0.00	29.04 0.93 0.00	29.02 0.92 0.00	24.77 0.73 0.00	20.16 0.53 0.00	19.58 0.48 0.00	19.45 0.29 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.32 0.06 0.00	20.41 0.19 0.00	20.22 0.08 -0.07	17.85 0.06 -0.08	17.75 0.18 0.00	19.07 0.21 0.00	20.01 0.42 0.00	17.23 0.17 0.00	16.54 0.35 0.00	16.53 0.31 0.00	17.21 0.30 0.00	17.20 0.32 0.00	18.71 0.38 0.00	18.19 0.26 0.00	17.54 0.22 0.00	17.23 0.15 0.00	18.96 0.09 0.00	26.13 0.00 0.00	28.02 -0.08 0.00	27.96 -0.13 0.00	24.12 0.08 0.00	19.59 -0.04 0.00	19.04 -0.06 0.00	19.38 0.21 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.60 1.35 0.00	21.39 1.17 0.00	21.63 1.12 -0.43	19.19 0.95 -0.53	18.49 0.92 0.00	19.80 0.94 0.00	20.67 1.07 0.00	18.14 1.08 0.00	17.25 1.05 0.00	17.34 1.12 -0.01	18.04 1.13 0.00	18.04 1.16 0.00	19.59 1.26 0.00	19.20 1.27 0.00	18.68 1.37 0.00	18.50 1.41 0.00	20.43 1.56 0.00	28.33 2.20 0.00	30.42 2.32 0.00	30.27 2.17 0.00	25.81 1.77 0.00	20.99 1.36 0.00	20.33 1.23 0.00	20.13 0.96 0.00
PEEKSKILL____ 23653	22.37 1.12 0.00	21.17 0.95 0.00	21.41 0.92 -0.42	18.99 0.76 -0.52	18.31 0.74 0.00	19.60 0.74 0.00	20.44 0.84 0.00	17.95 0.89 0.00	17.07 0.87 0.00	17.22 0.97 -0.04	17.89 0.98 0.00	17.90 1.02 0.00	19.42 1.09 0.00	19.04 1.11 0.00	18.52 1.20 0.00	18.34 1.26 0.00	20.24 1.37 0.00	28.06 1.93 0.00	30.07 1.97 0.00	29.92 1.83 0.00	25.51 1.47 0.00	20.76 1.13 0.00	20.13 1.02 0.00	19.93 0.76 0.00
PGE MADISON__WINDPWR 24146	22.49 1.23 0.00	21.48 1.26 0.00	21.52 1.33 -0.12	18.94 1.10 -0.14	18.73 1.15 0.00	20.11 1.26 0.00	21.04 1.44 0.00	18.30 1.24 0.00	17.40 1.21 0.00	17.27 1.06 0.00	17.86 0.95 0.00	17.73 0.85 0.00	19.34 1.01 0.00	18.88 0.94 0.00	18.23 0.91 0.00	17.92 0.83 0.00	19.86 0.99 0.00	27.71 1.58 0.00	30.32 2.21 0.00	30.48 2.38 0.00	26.07 2.03 0.00	21.14 1.50 0.00	20.49 1.38 0.00	20.54 1.38 0.00
PIERCEFIELD__HYD 23852	20.35 -0.90 0.00	19.38 -0.83 0.00	19.19 -0.88 0.00	16.94 -0.76 0.00	16.84 -0.74 0.00	18.15 -0.71 0.00	18.93 -0.67 0.00	16.50 -0.55 0.00	15.62 -0.58 0.00	15.59 -0.62 0.00	16.31 -0.61 0.00	16.28 -0.60 0.00	17.74 -0.60 0.00	17.31 -0.62 0.00	16.66 -0.66 0.00	16.38 -0.71 0.00	18.14 -0.73 0.00	25.10 -1.03 0.00	26.99 -1.12 0.00	27.14 -0.95 0.00	23.29 -0.75 0.00	19.08 -0.55 0.00	18.57 -0.53 0.00	18.64 -0.53 0.00
PINELAWN_CC_1 323563	23.23 1.98 0.00	21.84 1.63 0.00	22.05 1.54 -0.43	19.53 1.31 -0.53	18.83 1.26 0.00	20.18 1.32 0.00	21.14 1.54 0.00	18.59 1.53 0.00	17.70 1.51 0.00	17.85 1.60 -0.03	18.46 1.55 0.00	18.46 1.58 0.00	19.86 1.53 0.00	19.44 1.51 0.00	18.92 1.60 0.00	18.87 1.78 0.00	20.92 2.05 0.00	29.13 3.00 0.00	31.28 3.12 -0.05	53.19 2.99 -22.10	28.21 2.40 -1.76	26.72 1.94 -5.14	22.40 1.82 -1.48	20.61 1.44 0.00
PJM_GEN_HTP_PROXY 323702	21.97 1.29 0.57	21.31 1.09 0.00	21.53 1.03 -0.43	19.09 0.86 -0.53	18.41 0.83 0.00	19.69 0.84 0.00	20.54 0.94 0.00	18.06 1.00 0.00	17.20 1.00 0.00	17.37 1.13 -0.03	18.06 1.14 0.00	18.07 1.19 0.00	19.62 1.29 0.00	19.24 1.31 0.00	18.70 1.39 0.00	18.53 1.45 0.00	20.45 1.58 0.00	28.30 2.17 0.00	30.28 2.17 0.00	30.10 2.00 0.00	25.67 1.63 0.00	20.90 1.26 0.00	20.24 1.14 0.00	20.03 0.87 0.00
PJM_GEN_KEystone 24065	20.98 0.29 0.57	20.48 0.26 0.00	20.60 0.26 -0.26	18.20 0.18 -0.32	17.79 0.21 0.00	19.04 0.18 0.00	19.92 0.32 0.00	17.38 0.32 0.00	16.18 0.39 0.40	16.64 0.47 0.04	17.39 0.48 0.00	17.38 0.50 0.00	18.86 0.53 0.00	18.45 0.52 0.00	17.89 0.57 0.00	17.67 0.59 0.00	19.44 0.57 0.00	26.87 0.74 0.00	28.80 0.69 0.00	28.65 0.55 0.00	24.52 0.47 0.00	19.96 0.33 0.00	19.36 0.26 0.00	19.38 0.21 0.00
PJM_GEN_NEPTUNE_PROXY 323594	22.26 1.57 0.57	21.51 1.29 0.00	21.72 1.22 -0.43	19.26 1.04 -0.53	18.57 0.99 0.00	19.87 1.01 0.00	20.79 1.19 0.00	18.26 1.20 0.00	17.37 1.17 0.00	17.54 1.29 -0.03	18.16 1.24 0.00	18.18 1.30 0.00	19.62 1.29 0.00	19.19 1.26 0.00	18.68 1.36 0.00	18.57 1.48 0.00	20.55 1.69 0.00	28.56 2.43 0.00	30.63 2.48 -0.05	48.67 2.35 -18.22	25.94 1.89 0.00	26.30 1.52 -5.14	22.01 1.43 -1.48	20.27 1.10 0.00
PJM_GEN_VFT_PROXY 323633	21.85 1.17 0.57	21.20 0.99 0.00	21.44 0.93 -0.43	19.02 0.79 -0.53	18.33 0.75 0.00	19.59 0.73 0.00	20.41 0.82 0.00	17.97 0.91 0.00	17.11 0.91 0.00	17.27 1.03 -0.03	17.97 1.05 0.00	17.97 1.10 0.00	19.50 1.17 0.00	19.12 1.19 0.00	18.60 1.28 0.00	18.43 1.34 0.00	20.32 1.45 0.00	28.10 1.97 0.00	30.09 1.98 0.00	29.93 1.83 0.00	25.53 1.48 0.00	20.77 1.14 0.00	20.13 1.02 0.00	19.92 0.75 0.00
PLATSBRG_115KV_PMLD1 355749	21.23 -0.02 0.00	20.16 -0.05 0.00	20.06 -0.02 0.00	17.70 0.00 0.00	17.67 0.10 0.00	19.05 0.19 0.00	19.90 0.30 0.00	17.37 0.31 0.00	16.45 0.25 0.00	16.45 0.23 0.00	17.19 0.27 0.00	17.15 0.27 0.00	18.65 0.32 0.00	18.26 0.33 0.00	17.61 0.29 0.00	17.32 0.23 0.00	19.18 0.31 0.00	26.54 0.41 0.00	28.58 0.47 0.00	28.64 0.54 0.00	24.47 0.42 0.00	19.96 0.32 0.00	19.40 0.29 0.00	19.44 0.27 0.00
PLEASANTVLY__LBMP 24000	22.28 1.02 0.00	21.11 0.89 0.00	21.40 0.87 -0.45	18.99 0.73 -0.55	18.27 0.70 0.00	19.56 0.70 0.00	20.39 0.79 0.00	17.87 0.81 0.00	16.98 0.78 0.00	17.06 0.83 -0.01	17.75 0.84 0.00	17.74 0.86 0.00	19.25 0.92 0.00	18.87 0.93 0.00	18.35 1.03 0.00	18.16 1.08 0.00	20.05 1.17 0.00	27.79 1.66 0.00	29.85 1.74 0.00	29.73 1.64 0.00	25.36 1.32 0.00	20.65 1.02 0.00	20.03 0.92 0.00	19.85 0.68 0.00

PLSNTVLE_13_KV_13.8KVDIST 80602	22.45 1.20 0.00	21.23 1.02 0.00	21.48 0.97 -0.43	19.05 0.81 -0.53	18.37 0.80 0.00	19.65 0.80 0.00	20.52 0.92 0.00	18.01 0.95 0.00	17.12 0.92 0.00	17.26 1.02 -0.02	17.95 1.03 0.00	17.94 1.06 0.00	19.46 1.14 0.00	19.09 1.16 0.00	18.57 1.25 0.00	18.40 1.31 0.00	20.30 1.43 0.00	28.13 2.00 0.00	30.17 2.07 0.00	30.03 1.93 0.00	25.61 1.57 0.00	20.84 1.21 0.00	20.19 1.09 0.00	19.99 0.82 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.45 1.20 0.00	21.23 1.02 0.00	21.48 0.97 -0.43	19.05 0.81 -0.53	18.37 0.80 0.00	19.65 0.80 0.00	20.52 0.92 0.00	18.01 0.95 0.00	17.12 0.92 0.00	17.26 1.02 -0.02	17.95 1.03 0.00	17.94 1.06 0.00	19.46 1.14 0.00	19.09 1.16 0.00	18.57 1.25 0.00	18.40 1.31 0.00	20.30 1.43 0.00	28.13 2.00 0.00	30.17 2.07 0.00	30.03 1.93 0.00	25.61 1.57 0.00	20.84 1.21 0.00	20.19 1.09 0.00	19.99 0.82 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.46 1.21 0.00	21.27 1.05 0.00	21.53 1.01 -0.44	19.10 0.85 -0.54	18.40 0.83 0.00	19.70 0.84 0.00	20.55 0.95 0.00	18.02 0.97 0.00	17.11 0.91 0.00	17.18 0.96 -0.01	17.87 0.96 0.00	17.85 0.97 0.00	19.39 1.06 0.00	19.01 1.07 0.00	18.49 1.18 0.00	18.30 1.21 0.00	20.21 1.34 0.00	28.03 1.90 0.00	30.14 2.04 0.00	30.02 1.93 0.00	25.61 1.57 0.00	20.83 1.20 0.00	20.19 1.09 0.00	20.01 0.84 0.00
POLETTI____ 23519	22.52 1.26 0.00	21.29 1.07 0.00	21.51 1.01 -0.43	19.08 0.85 -0.53	18.39 0.82 0.00	19.66 0.80 0.00	20.51 0.92 0.00	18.05 0.99 0.00	17.20 1.00 0.00	17.37 1.12 -0.03	18.04 1.13 0.00	18.05 1.17 0.00	19.58 1.25 0.00	19.21 1.27 0.00	18.68 1.36 0.00	18.52 1.43 0.00	20.43 1.56 0.00	28.26 2.13 0.00	30.24 2.14 0.00	30.07 1.98 0.00	25.65 1.61 0.00	20.88 1.25 0.00	20.22 1.12 0.00	20.01 0.84 0.00
POMONA____ESR 323819	22.32 1.07 0.00	21.13 0.91 0.00	21.37 0.88 -0.41	18.93 0.73 -0.50	18.28 0.70 0.00	19.55 0.70 0.00	20.39 0.79 0.00	17.91 0.85 0.00	17.03 0.83 0.00	17.12 0.95 0.04	17.87 0.96 0.00	17.88 1.01 0.00	19.41 1.08 0.00	19.05 1.12 0.00	18.53 1.21 0.00	18.36 1.27 0.00	20.25 1.38 0.00	28.07 1.94 0.00	30.07 1.97 0.00	29.91 1.81 0.00	25.49 1.45 0.00	20.74 1.10 0.00	20.10 0.99 0.00	19.90 0.74 0.00
PORT_JEFF_3 23555	23.38 2.12 0.00	21.95 1.73 0.00	22.16 1.65 -0.43	19.62 1.39 -0.53	18.93 1.35 0.00	20.28 1.42 0.00	21.30 1.70 0.00	18.77 1.71 0.00	17.90 1.70 0.00	18.05 1.80 -0.03	18.66 1.75 0.00	18.66 1.78 0.00	20.00 1.67 0.00	19.62 1.69 0.00	19.08 1.76 0.00	19.06 1.97 0.00	21.12 2.24 0.00	29.38 3.24 -0.01	31.52 3.37 -0.05	110.75 3.28 -79.38	54.45 2.69 -27.73	26.96 2.18 -5.15	22.61 2.03 -1.48	20.78 1.61 0.00
PORT_JEFF_4 23616	23.38 2.12 0.00	21.95 1.73 0.00	22.16 1.65 -0.43	19.62 1.39 -0.53	18.93 1.35 0.00	20.28 1.42 0.00	21.30 1.70 0.00	18.77 1.71 0.00	17.90 1.70 0.00	18.05 1.80 -0.03	18.66 1.75 0.00	18.66 1.78 0.00	20.00 1.67 0.00	19.62 1.69 0.00	19.08 1.76 0.00	19.06 1.97 0.00	21.12 2.24 0.00	29.38 3.24 -0.01	31.52 3.37 -0.05	110.75 3.28 -79.38	54.45 2.69 -27.73	26.96 2.18 -5.15	22.61 2.03 -1.48	20.78 1.61 0.00
PORT_JEFF_IC 23713	23.43 2.17 0.00	21.99 1.77 0.00	22.20 1.69 -0.43	19.65 1.43 -0.53	18.95 1.38 0.00	20.32 1.46 0.00	21.33 1.74 0.00	18.80 1.74 0.00	17.93 1.74 0.00	18.08 1.84 -0.03	18.69 1.78 0.00	18.70 1.81 0.00	20.03 1.70 0.00	19.65 1.72 0.00	19.12 1.80 0.00	19.10 2.01 0.00	21.13 2.25 0.00	29.35 3.21 -0.01	31.49 3.33 -0.05	120.29 3.30 -88.89	58.83 2.75 -32.04	27.01 2.23 -5.15	22.65 2.07 -1.48	20.80 1.64 0.00
PPL PILGRIM_ST_GT1 24216	23.45 2.20 0.00	22.03 1.81 0.00	22.23 1.72 -0.43	19.70 1.47 -0.53	18.99 1.42 0.00	20.35 1.49 0.00	21.33 1.73 0.00	18.77 1.71 0.00	17.89 1.69 0.00	18.03 1.79 -0.03	18.64 1.73 0.00	18.64 1.76 0.00	20.02 1.69 0.00	19.62 1.69 0.00	19.10 1.78 0.00	19.05 1.97 0.00	21.14 2.26 0.00	29.44 3.30 0.00	31.59 3.43 -0.05	62.09 3.30 -30.69	32.36 2.66 -5.65	26.94 2.16 -5.14	22.61 2.03 -1.48	20.81 1.64 0.00
PPL PILGRIM_ST_GT2 24217	23.45 2.20 0.00	22.03 1.81 0.00	22.23 1.72 -0.43	19.70 1.47 -0.53	18.99 1.42 0.00	20.35 1.49 0.00	21.33 1.73 0.00	18.77 1.71 0.00	17.89 1.69 0.00	18.03 1.79 -0.03	18.64 1.73 0.00	18.64 1.76 0.00	20.02 1.69 0.00	19.62 1.69 0.00	19.10 1.78 0.00	19.05 1.97 0.00	21.14 2.26 0.00	29.44 3.30 0.00	31.59 3.43 -0.05	62.09 3.30 -30.69	32.36 2.66 -5.65	26.94 2.16 -5.14	22.61 2.03 -1.48	20.81 1.64 0.00
PPL_SHRM_GT3 24213	23.65 2.40 0.00	22.15 1.93 0.00	22.35 1.84 -0.43	19.77 1.54 -0.53	19.08 1.51 0.00	20.47 1.61 0.00	21.51 1.91 0.00	18.98 1.92 0.00	18.11 1.91 0.00	18.27 2.03 -0.03	18.87 1.96 0.00	18.88 2.00 0.00	20.14 1.81 0.00	19.79 1.86 0.00	19.22 1.91 0.00	19.27 2.18 0.00	21.35 2.48 0.00	29.78 3.64 -0.01	31.99 3.83 -0.05	112.49 3.73 -80.66	55.40 3.05 -28.31	27.25 2.47 -5.15	22.85 2.27 -1.48	20.94 1.78 0.00
PPL_SHRM_GT4 24214	23.65 2.40 0.00	22.15 1.93 0.00	22.35 1.84 -0.43	19.77 1.54 -0.53	19.08 1.51 0.00	20.47 1.61 0.00	21.51 1.91 0.00	18.98 1.92 0.00	18.11 1.91 0.00	18.27 2.03 -0.03	18.87 1.96 0.00	18.88 2.00 0.00	20.14 1.81 0.00	19.79 1.86 0.00	19.22 1.91 0.00	19.27 2.18 0.00	21.35 2.48 0.00	29.78 3.64 -0.01	31.99 3.83 -0.05	112.49 3.73 -80.66	55.40 3.05 -28.31	27.25 2.47 -5.15	22.85 2.27 -1.48	20.94 1.78 0.00
PROJECT____ORANGE 1 24174	21.21 -0.04 0.00	20.18 -0.03 0.00	20.06 -0.05 -0.04	17.69 -0.05 -0.04	17.55 -0.03 0.00	18.82 -0.04 0.00	19.55 -0.05 0.00	16.96 -0.10 0.00	16.14 -0.06 0.00	16.14 -0.07 0.00	16.81 -0.11 0.00	16.77 -0.10 0.00	18.21 -0.12 0.00	17.80 -0.13 0.00	17.19 -0.13 0.00	16.96 -0.12 0.00	18.71 -0.16 0.00	25.93 -0.20 0.00	27.92 -0.19 0.00	27.89 -0.20 0.00	23.89 -0.15 0.00	19.46 -0.17 0.00	18.92 -0.18 0.00	19.08 -0.08 0.00
PROJECT____ORANGE 2 24166	21.21 -0.04 0.00	20.18 -0.03 0.00	20.06 -0.05 -0.04	17.69 -0.05 -0.04	17.55 -0.03 0.00	18.82 -0.04 0.00	19.55 -0.05 0.00	16.96 -0.10 0.00	16.14 -0.06 0.00	16.14 -0.07 0.00	16.81 -0.11 0.00	16.77 -0.10 0.00	18.21 -0.12 0.00	17.80 -0.13 0.00	17.19 -0.13 0.00	16.96 -0.12 0.00	18.71 -0.16 0.00	25.93 -0.20 0.00	27.92 -0.19 0.00	27.89 -0.20 0.00	23.89 -0.15 0.00	19.46 -0.17 0.00	18.92 -0.18 0.00	19.08 -0.08 0.00
PUCKETT____SOLAR 323809	21.68 0.42 0.00	20.64 0.42 0.00	20.65 0.44 -0.13	18.22 0.36 -0.16	17.99 0.42 0.00	19.29 0.43 0.00	20.13 0.53 0.00	17.49 0.43 0.00	16.60 0.40 0.00	16.56 0.34 0.00	17.19 0.27 0.00	17.14 0.26 0.00	18.62 0.29 0.00	18.20 0.27 0.00	17.60 0.28 0.00	17.38 0.29 0.00	19.19 0.32 0.00	26.69 0.56 0.00	28.88 0.77 0.00	28.90 0.80 0.00	24.74 0.70 0.00	20.13 0.50 0.00	19.52 0.41 0.00	19.60 0.43 0.00

PYRITES___HYD 24023	20.81 -0.45 0.00	19.84 -0.38 0.00	19.64 -0.44 0.00	17.33 -0.37 0.00	17.23 -0.34 0.00	18.59 -0.27 0.00	19.37 -0.22 0.00	16.88 -0.18 0.00	15.93 -0.27 0.00	15.88 -0.33 0.00	16.64 -0.27 0.00	16.63 -0.25 0.00	18.16 -0.17 0.00	17.72 -0.21 0.00	17.05 -0.26 0.00	16.71 -0.38 0.00	18.50 -0.37 0.00	25.59 -0.54 0.00	27.54 -0.57 0.00	27.77 -0.33 0.00	23.84 -0.20 0.00	19.53 -0.10 0.00	19.02 -0.08 0.00	19.11 -0.06 0.00
QUAKERRD_115KV_BK1 80622	20.77 -0.49 0.00	19.81 -0.41 0.00	19.64 -0.48 -0.05	17.34 -0.43 -0.06	17.20 -0.37 0.00	18.48 -0.38 0.00	19.29 -0.31 0.00	16.69 -0.37 0.00	15.92 -0.28 0.00	15.90 -0.31 0.00	16.55 -0.36 0.00	16.53 -0.35 0.00	17.90 -0.43 0.00	17.48 -0.45 0.00	16.84 -0.48 0.00	16.60 -0.49 0.00	18.31 -0.56 0.00	25.33 -0.79 0.00	27.30 -0.81 0.00	27.27 -0.82 0.00	23.45 -0.59 0.00	19.06 -0.58 0.00	18.51 -0.59 0.00	18.74 -0.43 0.00
QUENSBRY_115KV_TB8 356137	22.19 0.94 0.00	20.98 0.76 0.00	21.41 0.76 -0.57	19.03 0.62 -0.70	18.16 0.58 0.00	19.60 0.75 0.00	20.46 0.86 0.00	17.80 0.74 0.00	16.77 0.57 0.00	16.60 0.37 -0.01	17.26 0.34 0.00	17.22 0.34 0.00	18.69 0.36 0.00	18.37 0.44 0.00	17.95 0.63 0.00	17.73 0.65 0.00	19.65 0.78 0.00	27.49 1.36 0.00	29.90 1.79 0.00	29.80 1.70 0.00	25.49 1.45 0.00	20.74 1.10 0.00	20.00 0.90 0.00	19.81 0.64 0.00
RAMAPO___LBMP 323565	22.23 0.97 0.00	21.03 0.81 0.00	21.29 0.80 -0.41	18.87 0.67 -0.50	18.21 0.63 0.00	19.48 0.62 0.00	20.32 0.72 0.00	17.84 0.79 0.00	16.97 0.77 0.00	17.05 0.88 0.04	17.80 0.89 0.00	17.81 0.93 0.00	19.33 0.99 0.00	18.95 1.02 0.00	18.43 1.12 0.00	18.26 1.17 0.00	20.14 1.27 0.00	27.91 1.78 0.00	29.93 1.82 0.00	29.77 1.67 0.00	25.37 1.33 0.00	20.66 1.02 0.00	20.01 0.91 0.00	19.82 0.65 0.00
RANKINE____ 23646	21.26 0.01 0.00	20.37 0.16 0.00	20.18 0.04 -0.07	17.83 0.04 -0.08	17.73 0.15 0.00	19.04 0.19 0.00	19.98 0.38 0.00	17.17 0.11 0.00	16.49 0.29 0.00	16.46 0.25 0.00	17.14 0.22 0.00	17.13 0.24 0.00	18.64 0.31 0.00	18.11 0.18 0.00	17.45 0.13 0.00	17.14 0.06 0.00	18.86 -0.01 0.00	26.00 -0.13 0.00	27.89 -0.22 0.00	27.84 -0.26 0.00	24.04 0.00 0.00	19.53 -0.11 0.00	18.97 -0.14 0.00	19.33 0.16 0.00
RAVENSWOOD_GT2_1 24244	22.54 1.29 0.00	21.31 1.09 0.00	21.54 1.03 -0.43	19.10 0.87 -0.53	18.41 0.84 0.00	19.69 0.83 0.00	20.55 0.96 0.00	18.07 1.01 0.00	17.20 1.00 0.00	17.37 1.13 -0.03	18.05 1.14 0.00	18.06 1.18 0.00	19.60 1.27 0.00	19.22 1.29 0.00	18.69 1.38 0.00	18.52 1.44 0.00	20.44 1.57 0.00	28.29 2.16 0.00	30.28 2.18 0.00	30.12 2.02 0.00	25.69 1.65 0.00	20.91 1.28 0.00	20.25 1.15 0.00	20.03 0.87 0.00
RAVENSWOOD_GT2_2 24245	22.54 1.29 0.00	21.31 1.09 0.00	21.54 1.03 -0.43	19.10 0.87 -0.53	18.41 0.84 0.00	19.69 0.83 0.00	20.55 0.96 0.00	18.07 1.01 0.00	17.20 1.00 0.00	17.37 1.13 -0.03	18.05 1.14 0.00	18.06 1.18 0.00	19.60 1.27 0.00	19.22 1.29 0.00	18.69 1.38 0.00	18.52 1.44 0.00	20.44 1.57 0.00	28.29 2.16 0.00	30.28 2.18 0.00	30.12 2.02 0.00	25.69 1.65 0.00	20.91 1.28 0.00	20.25 1.15 0.00	20.03 0.87 0.00
RAVENSWOOD_GT2_3 24246	22.55 1.29 0.00	21.32 1.11 0.00	21.55 1.04 -0.43	19.10 0.88 -0.53	18.42 0.85 0.00	19.70 0.84 0.00	20.56 0.96 0.00	18.08 1.02 0.00	17.21 1.02 0.00	17.38 1.13 -0.03	18.06 1.15 0.00	18.07 1.19 0.00	19.61 1.28 0.00	19.23 1.30 0.00	18.70 1.39 0.00	18.53 1.45 0.00	20.45 1.58 0.00	28.30 2.17 0.00	30.30 2.20 0.00	30.13 2.04 0.00	25.70 1.66 0.00	20.92 1.28 0.00	20.26 1.15 0.00	20.04 0.88 0.00
RAVENSWOOD_GT2_4 24247	22.55 1.29 0.00	21.32 1.11 0.00	21.55 1.04 -0.43	19.10 0.88 -0.53	18.42 0.85 0.00	19.70 0.84 0.00	20.56 0.96 0.00	18.08 1.02 0.00	17.21 1.02 0.00	17.38 1.13 -0.03	18.06 1.15 0.00	18.07 1.19 0.00	19.61 1.28 0.00	19.23 1.30 0.00	18.70 1.39 0.00	18.53 1.45 0.00	20.45 1.58 0.00	28.30 2.17 0.00	30.30 2.20 0.00	30.13 2.04 0.00	25.70 1.66 0.00	20.92 1.28 0.00	20.26 1.15 0.00	20.04 0.88 0.00
RAVENSWOOD_GT3_1 24248	22.54 1.28 0.00	21.31 1.09 0.00	21.54 1.03 -0.43	19.10 0.87 -0.53	18.41 0.84 0.00	19.69 0.83 0.00	20.55 0.95 0.00	18.07 1.01 0.00	17.20 1.00 0.00	17.37 1.12 -0.03	18.05 1.14 0.00	18.06 1.18 0.00	19.60 1.27 0.00	19.22 1.29 0.00	18.69 1.38 0.00	18.52 1.44 0.00	20.44 1.57 0.00	28.29 2.16 0.00	30.28 2.18 0.00	30.12 2.02 0.00	25.69 1.65 0.00	20.91 1.28 0.00	20.25 1.15 0.00	20.03 0.87 0.00
RAVENSWOOD_GT3_2 24249	22.54 1.28 0.00	21.31 1.09 0.00	21.54 1.03 -0.43	19.10 0.87 -0.53	18.41 0.84 0.00	19.69 0.83 0.00	20.55 0.95 0.00	18.07 1.01 0.00	17.20 1.00 0.00	17.37 1.12 -0.03	18.05 1.14 0.00	18.06 1.18 0.00	19.60 1.27 0.00	19.22 1.29 0.00	18.69 1.38 0.00	18.52 1.44 0.00	20.44 1.57 0.00	28.29 2.16 0.00	30.28 2.18 0.00	30.12 2.02 0.00	25.69 1.65 0.00	20.91 1.28 0.00	20.25 1.15 0.00	20.03 0.87 0.00
RAVENSWOOD_GT3_3 24250	22.57 1.32 0.00	21.35 1.13 0.00	21.57 1.07 -0.43	19.12 0.90 -0.53	18.44 0.87 0.00	19.72 0.86 0.00	20.58 0.98 0.00	18.10 1.04 0.00	17.23 1.04 0.00	17.40 1.16 -0.03	18.08 1.17 0.00	18.09 1.22 0.00	19.63 1.30 0.00	19.26 1.33 0.00	18.73 1.41 0.00	18.56 1.48 0.00	20.48 1.61 0.00	28.34 2.21 0.00	30.34 2.23 0.00	30.17 2.08 0.00	25.74 1.70 0.00	20.95 1.31 0.00	20.28 1.18 0.00	20.07 0.90 0.00
RAVENSWOOD_GT3_4 24251	22.57 1.32 0.00	21.35 1.13 0.00	21.57 1.07 -0.43	19.12 0.90 -0.53	18.44 0.87 0.00	19.72 0.86 0.00	20.58 0.98 0.00	18.10 1.04 0.00	17.23 1.04 0.00	17.40 1.16 -0.03	18.08 1.17 0.00	18.09 1.22 0.00	19.63 1.30 0.00	19.26 1.33 0.00	18.73 1.41 0.00	18.56 1.48 0.00	20.48 1.61 0.00	28.34 2.21 0.00	30.34 2.23 0.00	30.17 2.08 0.00	25.74 1.70 0.00	20.95 1.31 0.00	20.28 1.18 0.00	20.07 0.90 0.00
RAVENSWOOD_GT_1 23729	22.60 1.35 0.00	21.36 1.14 0.00	21.58 1.08 -0.43	19.14 0.91 -0.53	18.45 0.88 0.00	19.75 0.89 0.00	20.62 1.02 0.00	18.13 1.07 0.00	17.26 1.07 0.00	17.42 1.18 -0.03	18.11 1.19 0.00	18.12 1.24 0.00	19.67 1.34 0.00	19.29 1.36 0.00	18.76 1.45 0.00	18.60 1.51 0.00	28.00 1.65 -7.49	28.39 2.26 0.00	32.47 2.27 -2.09	30.20 2.10 0.00	25.76 1.72 0.00	20.97 1.34 0.00	20.31 1.21 0.00	20.09 0.92 0.00
RAVENSWOOD_GT_10 24258	22.54 1.28 0.00	21.31 1.09 0.00	21.54 1.03 -0.43	19.10 0.87 -0.53	18.41 0.84 0.00	19.69 0.83 0.00	20.55 0.95 0.00	18.07 1.01 0.00	17.20 1.00 0.00	17.37 1.12 -0.03	18.05 1.13 0.00	18.06 1.18 0.00	19.60 1.27 0.00	19.22 1.29 0.00	18.69 1.38 0.00	18.52 1.44 0.00	20.44 1.57 0.00	28.29 2.16 0.00	30.28 2.18 0.00	30.12 2.02 0.00	25.69 1.65 0.00	20.91 1.28 0.00	20.25 1.15 0.00	20.03 0.87 0.00

RAVENSWOOD_GT_11 24259	22.54 1.29 0.00	21.31 1.09 0.00	21.54 1.03 -0.43	19.10 0.87 -0.53	18.41 0.84 0.00	19.70 0.84 0.00	20.55 0.95 0.00	18.07 1.01 0.00	17.20 1.00 0.00	17.37 1.12 -0.03	18.04 1.13 0.00	18.06 1.18 0.00	19.60 1.27 0.00	19.22 1.29 0.00	18.69 1.38 0.00	18.52 1.43 0.00	20.44 1.57 0.00	28.29 2.15 0.00	30.28 2.18 0.00	30.12 2.02 0.00	25.69 1.65 0.00	20.91 1.27 0.00	20.26 1.15 0.00	20.04 0.87 0.00
RAVENSWOOD_GT_4 24252	22.54 1.28 0.00	21.31 1.09 0.00	21.54 1.03 -0.43	19.10 0.87 -0.53	18.41 0.84 0.00	19.69 0.83 0.00	20.55 0.95 0.00	18.07 1.01 0.00	17.20 1.00 0.00	17.37 1.12 -0.03	18.05 1.14 0.00	18.06 1.18 0.00	19.59 1.26 0.00	19.22 1.28 0.00	18.69 1.37 0.00	18.52 1.44 0.00	26.14 1.57 -5.70	28.28 2.15 0.00	31.88 2.18 -1.59	30.12 2.02 0.00	25.69 1.65 0.00	20.91 1.28 0.00	20.25 1.15 0.00	20.04 0.87 0.00
RAVENSWOOD_GT_5 24254	22.54 1.28 0.00	21.31 1.09 0.00	21.54 1.03 -0.43	19.10 0.87 -0.53	18.41 0.84 0.00	19.69 0.83 0.00	20.55 0.95 0.00	18.07 1.01 0.00	17.20 1.00 0.00	17.37 1.12 -0.03	18.05 1.14 0.00	18.06 1.18 0.00	19.59 1.26 0.00	19.22 1.28 0.00	18.69 1.37 0.00	18.52 1.44 0.00	26.14 1.57 -5.70	28.28 2.15 0.00	31.88 2.18 -1.59	30.12 2.02 0.00	25.69 1.65 0.00	20.91 1.28 0.00	20.25 1.15 0.00	20.04 0.87 0.00
RAVENSWOOD_GT_6 24253	22.54 1.28 0.00	21.31 1.09 0.00	21.54 1.03 -0.43	19.10 0.87 -0.53	18.41 0.84 0.00	19.69 0.83 0.00	20.55 0.95 0.00	18.07 1.01 0.00	17.20 1.00 0.00	17.37 1.12 -0.03	18.05 1.14 0.00	18.06 1.18 0.00	19.59 1.26 0.00	19.22 1.28 0.00	18.69 1.37 0.00	18.52 1.44 0.00	26.14 1.57 -5.70	28.28 2.15 0.00	31.88 2.18 -1.59	30.12 2.02 0.00	25.69 1.65 0.00	20.91 1.28 0.00	20.25 1.15 0.00	20.04 0.87 0.00
RAVENSWOOD_GT_7 24255	22.54 1.28 0.00	21.31 1.09 0.00	21.54 1.03 -0.43	19.10 0.87 -0.53	18.41 0.84 0.00	19.69 0.83 0.00	20.55 0.95 0.00	18.07 1.01 0.00	17.20 1.00 0.00	17.37 1.12 -0.03	18.05 1.14 0.00	18.06 1.18 0.00	19.59 1.26 0.00	19.22 1.28 0.00	18.69 1.37 0.00	18.52 1.44 0.00	26.14 1.57 -5.70	28.28 2.15 0.00	31.88 2.18 -1.59	30.12 2.02 0.00	25.69 1.65 0.00	20.91 1.28 0.00	20.25 1.15 0.00	20.04 0.87 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.54 1.28 0.00	21.31 1.09 0.00	21.54 1.03 -0.43	19.10 0.87 -0.53	18.41 0.84 0.00	19.69 0.83 0.00	20.55 0.95 0.00	18.07 1.01 0.00	17.20 1.00 0.00	17.37 1.12 -0.03	18.05 1.13 0.00	18.06 1.18 0.00	19.60 1.27 0.00	19.22 1.29 0.00	18.69 1.38 0.00	18.52 1.44 0.00	20.44 1.57 0.00	28.29 2.16 0.00	30.28 2.18 0.00	30.12 2.02 0.00	25.69 1.65 0.00	20.91 1.28 0.00	20.25 1.15 0.00	20.03 0.87 0.00
RAVENSWOOD_GT_9 24257	22.54 1.28 0.00	21.31 1.09 0.00	21.54 1.03 -0.43	19.10 0.87 -0.53	18.41 0.84 0.00	19.69 0.83 0.00	20.55 0.95 0.00	18.07 1.01 0.00	17.20 1.00 0.00	17.37 1.12 -0.03	18.05 1.13 0.00	18.06 1.18 0.00	19.60 1.27 0.00	19.22 1.29 0.00	18.69 1.38 0.00	18.52 1.44 0.00	20.44 1.57 0.00	28.29 2.16 0.00	30.28 2.18 0.00	30.12 2.02 0.00	25.69 1.65 0.00	20.91 1.28 0.00	20.25 1.15 0.00	20.03 0.87 0.00
RAVENSWOOD___1 23533	22.56 1.31 0.00	21.33 1.11 0.00	21.55 1.04 -0.43	19.11 0.88 -0.53	18.42 0.85 0.00	19.72 0.86 0.00	20.57 0.98 0.00	18.09 1.04 0.00	17.23 1.03 0.00	17.38 1.14 -0.03	18.06 1.15 0.00	18.08 1.20 0.00	19.63 1.30 0.00	19.25 1.32 0.00	18.72 1.40 0.00	18.55 1.47 0.00	13.10 1.60 7.37	28.32 2.19 0.00	28.26 2.21 2.06	30.14 2.04 0.00	25.70 1.66 0.00	20.93 1.29 0.00	20.26 1.16 0.00	20.04 0.88 0.00
RAVENSWOOD___2 23534	22.56 1.31 0.00	21.33 1.11 0.00	21.55 1.04 -0.43	19.11 0.88 -0.53	18.42 0.85 0.00	19.72 0.86 0.00	20.57 0.98 0.00	18.09 1.04 0.00	17.23 1.03 0.00	17.38 1.14 -0.03	18.06 1.15 0.00	18.08 1.20 0.00	19.63 1.30 0.00	19.25 1.32 0.00	18.72 1.40 0.00	18.55 1.47 0.00	13.10 1.60 7.37	28.32 2.19 0.00	28.26 2.21 2.06	30.14 2.04 0.00	25.70 1.66 0.00	20.93 1.29 0.00	20.26 1.16 0.00	20.04 0.88 0.00
RAVENSWOOD___3 23535	22.55 1.29 0.00	21.31 1.09 0.00	21.54 1.03 -0.43	19.10 0.87 -0.53	18.42 0.84 0.00	19.70 0.85 0.00	20.56 0.96 0.00	18.08 1.02 0.00	17.21 1.01 0.00	17.37 1.12 -0.03	18.05 1.14 0.00	18.06 1.18 0.00	19.60 1.27 0.00	19.22 1.29 0.00	18.69 1.38 0.00	18.53 1.44 0.00	20.44 1.57 0.00	28.29 2.16 0.00	30.29 2.18 0.00	30.12 2.02 0.00	25.69 1.65 0.00	20.91 1.28 0.00	20.26 1.15 0.00	20.04 0.87 0.00
RAVENSWOOD___4 23820	22.56 1.31 0.00	21.33 1.11 0.00	21.55 1.04 -0.43	19.11 0.88 -0.53	18.42 0.85 0.00	19.72 0.86 0.00	20.57 0.98 0.00	18.09 1.04 0.00	17.23 1.03 0.00	17.38 1.14 -0.03	18.06 1.15 0.00	18.08 1.20 0.00	19.63 1.30 0.00	19.25 1.32 0.00	18.72 1.40 0.00	18.55 1.47 0.00	13.10 1.60 7.37	28.32 2.19 0.00	28.26 2.21 2.06	30.14 2.04 0.00	25.70 1.66 0.00	20.93 1.29 0.00	20.26 1.16 0.00	20.04 0.88 0.00
RCPI_TRUST___DRP 24196	22.56 1.31 0.00	21.33 1.12 0.00	21.55 1.05 -0.43	19.11 0.88 -0.53	18.42 0.85 0.00	19.70 0.84 0.00	20.56 0.96 0.00	18.09 1.03 0.00	17.23 1.03 0.00	17.40 1.16 -0.03	18.08 1.17 0.00	18.09 1.22 0.00	19.65 1.32 0.00	19.27 1.34 0.00	18.74 1.42 0.00	18.57 1.48 0.00	20.49 1.62 0.00	28.34 2.21 0.00	30.33 2.22 0.00	30.14 2.05 0.00	25.71 1.67 0.00	20.93 1.29 0.00	20.26 1.16 0.00	20.05 0.89 0.00
RED___ROCHESTER 323720	21.42 0.16 0.00	20.42 0.21 0.00	20.23 0.11 -0.05	17.85 0.09 -0.06	17.72 0.15 0.00	19.03 0.17 0.00	19.93 0.33 0.00	17.22 0.16 0.00	16.45 0.26 0.00	16.43 0.22 0.00	17.12 0.20 0.00	17.09 0.21 0.00	18.49 0.16 0.00	18.06 0.12 0.00	17.40 0.08 0.00	17.17 0.08 0.00	18.93 0.06 0.00	26.17 0.04 0.00	28.18 0.08 0.00	28.17 0.07 0.00	24.25 0.21 0.00	19.69 0.06 0.00	19.09 -0.02 0.00	19.32 0.15 0.00
REGAN___SOLAR 323812	23.15 1.89 0.00	22.09 1.87 0.00	22.56 1.83 -0.65	20.13 1.62 -0.80	19.26 1.69 0.00	20.58 1.72 0.00	21.43 1.84 0.00	18.36 1.30 0.00	16.96 0.76 0.00	16.91 0.69 0.00	17.71 0.80 0.00	17.61 0.73 0.00	19.02 0.69 0.00	18.64 0.71 0.00	17.87 0.55 0.00	17.81 0.73 0.00	19.79 0.92 0.00	28.10 1.97 0.00	30.77 2.66 0.00	30.99 2.89 0.00	26.46 2.41 0.00	21.54 1.91 0.00	20.93 1.83 0.00	21.11 1.94 0.00
RENSSELAER___COGEN 23796	21.71 0.46 0.00	20.78 0.56 0.00	21.24 0.61 -0.55	18.90 0.53 -0.67	17.95 0.37 0.00	19.24 0.38 0.00	19.98 0.38 0.00	17.40 0.34 0.00	16.49 0.29 0.00	16.48 0.26 -0.01	17.10 0.19 0.00	17.05 0.17 0.00	18.51 0.18 0.00	18.16 0.23 0.00	17.64 0.32 0.00	17.40 0.31 0.00	19.23 0.36 0.00	26.72 0.59 0.00	28.84 0.73 0.00	28.85 0.75 0.00	24.62 0.57 0.00	20.04 0.41 0.00	19.49 0.38 0.00	19.35 0.18 0.00

REPUBLIC_115KV_BARTNBRK 55605	23.09 1.83 0.00	21.77 1.56 0.00	22.18 1.53 -0.57	19.62 1.22 -0.70	18.80 1.23 0.00	20.39 1.53 0.00	21.31 1.71 0.00	18.55 1.49 0.00	17.32 1.13 0.00	17.04 0.82 -0.01	17.71 0.80 0.00	17.71 0.83 0.00	19.34 1.00 0.00	19.01 1.07 0.00	18.66 1.35 0.00	18.38 1.30 0.00	20.51 1.65 0.00	29.06 2.93 0.00	31.89 3.78 0.00	31.62 3.53 0.00	27.08 3.04 0.00	21.84 2.21 0.00	21.01 1.90 0.00	20.91 1.75 0.00
REVERE_CPPR_DRP 24186	21.82 0.57 0.00	20.80 0.58 0.00	20.61 0.52 -0.02	18.14 0.41 -0.03	18.02 0.45 0.00	19.38 0.53 0.00	20.17 0.57 0.00	17.55 0.49 0.00	16.64 0.44 0.00	16.56 0.35 0.00	17.22 0.30 0.00	17.16 0.28 0.00	18.73 0.39 0.00	18.28 0.35 0.00	17.69 0.38 0.00	17.38 0.29 0.00	19.22 0.35 0.00	26.77 0.64 0.00	28.98 0.88 0.00	29.10 1.00 0.00	24.88 0.84 0.00	20.26 0.62 0.00	19.70 0.60 0.00	19.79 0.62 0.00
REYNOLDS_115KV_TB3 80639	21.87 0.61 0.00	20.88 0.67 0.00	21.34 0.72 -0.55	18.99 0.62 -0.67	18.08 0.51 0.00	19.38 0.52 0.00	20.13 0.53 0.00	17.52 0.46 0.00	16.58 0.38 0.00	16.57 0.35 -0.01	17.22 0.30 0.00	17.16 0.28 0.00	18.62 0.29 0.00	18.26 0.33 0.00	17.75 0.43 0.00	17.49 0.41 0.00	19.33 0.46 0.00	26.87 0.74 0.00	29.01 0.91 0.00	29.04 0.94 0.00	24.78 0.74 0.00	20.17 0.54 0.00	19.60 0.50 0.00	19.47 0.31 0.00
RIVERBAY____ 323610	22.55 1.30 0.00	21.40 1.18 0.00	21.63 1.13 -0.43	19.19 0.97 -0.53	18.51 0.93 0.00	19.77 0.91 0.00	20.61 1.01 0.00	18.10 1.05 0.00	17.21 1.02 0.00	17.31 1.07 -0.03	17.97 1.06 0.00	17.98 1.10 0.00	19.55 1.22 0.00	19.16 1.23 0.00	18.64 1.33 0.00	18.44 1.35 0.00	20.34 1.47 0.00	28.17 2.04 0.00	30.16 2.05 0.00	30.03 1.93 0.00	25.62 1.58 0.00	20.88 1.25 0.00	20.22 1.12 0.00	20.03 0.87 0.00
RIVERSDE_115KV_TB3 55908	21.80 0.55 0.00	20.85 0.63 0.00	21.31 0.68 -0.55	18.97 0.59 -0.68	18.03 0.45 0.00	19.32 0.46 0.00	20.07 0.47 0.00	17.47 0.41 0.00	16.55 0.35 0.00	16.54 0.32 -0.01	17.17 0.26 0.00	17.12 0.24 0.00	18.59 0.26 0.00	18.23 0.30 0.00	17.72 0.40 0.00	17.47 0.38 0.00	19.30 0.44 0.00	26.83 0.70 0.00	28.96 0.85 0.00	28.97 0.87 0.00	24.73 0.69 0.00	20.13 0.49 0.00	19.56 0.45 0.00	19.42 0.25 0.00
ROARING__BROOK_WT_PWR 323790	20.97 -0.29 0.00	19.86 -0.36 0.00	19.70 -0.37 0.00	17.29 -0.41 0.00	17.22 -0.35 0.00	18.57 -0.28 0.00	19.38 -0.21 0.00	17.00 -0.06 0.00	16.18 -0.02 0.00	16.20 -0.01 0.00	16.87 -0.04 0.00	16.84 -0.04 0.00	18.28 -0.05 0.00	17.88 -0.06 0.00	17.31 0.00 0.00	17.09 0.01 0.00	18.84 -0.04 0.00	26.11 -0.02 0.00	28.18 0.08 0.00	28.18 0.08 0.00	24.09 0.05 0.00	19.66 0.03 0.00	19.12 0.02 0.00	19.17 0.00 0.00
ROCHESRG_115KV_T4 355643	21.20 -0.05 0.00	20.23 0.02 0.00	20.05 -0.07 -0.05	17.70 -0.07 -0.06	17.57 -0.01 0.00	18.88 0.02 0.00	19.73 0.14 0.00	17.05 -0.01 0.00	16.29 0.09 0.00	16.26 0.04 0.00	16.93 0.02 0.00	16.90 0.02 0.00	18.32 -0.01 0.00	17.86 -0.07 0.00	17.21 -0.11 0.00	16.96 -0.13 0.00	18.70 -0.17 0.00	25.83 -0.30 0.00	27.81 -0.30 0.00	27.79 -0.31 0.00	23.93 -0.11 0.00	19.45 -0.19 0.00	18.89 -0.21 0.00	19.13 -0.03 0.00
ROCHESTER_9_IC 23652	21.32 0.07 0.00	20.34 0.12 0.00	20.16 0.03 -0.05	17.79 0.03 -0.06	17.66 0.08 0.00	18.98 0.12 0.00	19.85 0.25 0.00	17.15 0.09 0.00	16.38 0.18 0.00	16.36 0.14 0.00	17.04 0.12 0.00	17.01 0.13 0.00	18.42 0.09 0.00	17.97 0.04 0.00	17.31 0.00 0.00	17.07 -0.01 0.00	18.83 -0.04 0.00	26.01 -0.11 0.00	28.01 -0.09 0.00	27.99 -0.10 0.00	24.11 0.06 0.00	19.58 -0.06 0.00	19.01 -0.09 0.00	19.24 0.07 0.00
ROCKVIEW_13_KV_LD 356306	22.55 1.30 0.00	21.33 1.11 0.00	21.56 1.06 -0.43	19.12 0.89 -0.53	18.43 0.86 0.00	19.72 0.86 0.00	20.58 0.99 0.00	18.08 1.02 0.00	17.20 1.00 0.00	17.35 1.11 -0.03	18.04 1.13 0.00	18.05 1.17 0.00	19.58 1.25 0.00	19.20 1.27 0.00	18.68 1.36 0.00	18.51 1.42 0.00	20.43 1.56 0.00	28.30 2.16 0.00	30.32 2.22 0.00	30.16 2.07 0.00	25.72 1.68 0.00	20.94 1.30 0.00	20.27 1.17 0.00	20.06 0.90 0.00
ROME____115KV_TB2 80656	21.82 0.57 0.00	20.80 0.58 0.00	20.61 0.52 -0.02	18.14 0.41 -0.03	18.02 0.45 0.00	19.38 0.53 0.00	20.17 0.57 0.00	17.55 0.49 0.00	16.64 0.44 0.00	16.56 0.35 0.00	17.22 0.30 0.00	17.16 0.28 0.00	18.73 0.39 0.00	18.28 0.35 0.00	17.69 0.38 0.00	17.38 0.29 0.00	19.22 0.35 0.00	26.77 0.64 0.00	28.98 0.88 0.00	29.10 1.00 0.00	24.88 0.84 0.00	20.26 0.62 0.00	19.70 0.60 0.00	19.79 0.62 0.00
ROSETON__1 23587	22.25 1.00 0.00	21.07 0.86 0.00	21.34 0.83 -0.43	18.93 0.70 -0.52	18.25 0.67 0.00	19.54 0.68 0.00	20.36 0.76 0.00	17.85 0.79 0.00	16.95 0.76 0.00	17.04 0.82 0.00	17.74 0.82 0.00	17.73 0.85 0.00	19.24 0.91 0.00	18.86 0.93 0.00	18.33 1.01 0.00	18.15 1.06 0.00	20.03 1.16 0.00	27.77 1.64 0.00	29.82 1.71 0.00	29.69 1.60 0.00	25.33 1.29 0.00	20.62 0.99 0.00	20.01 0.91 0.00	19.83 0.67 0.00
ROSETON__2 23588	22.25 1.00 0.00	21.07 0.86 0.00	21.34 0.83 -0.43	18.93 0.70 -0.52	18.25 0.67 0.00	19.54 0.68 0.00	20.36 0.76 0.00	17.85 0.79 0.00	16.95 0.76 0.00	17.04 0.82 0.00	17.74 0.82 0.00	17.73 0.85 0.00	19.24 0.91 0.00	18.86 0.93 0.00	18.33 1.01 0.00	18.15 1.06 0.00	20.03 1.16 0.00	27.77 1.64 0.00	29.82 1.71 0.00	29.69 1.60 0.00	25.33 1.29 0.00	20.62 0.99 0.00	20.01 0.91 0.00	19.83 0.67 0.00
ROTTRDAM_115KV_TB3 80664	22.02 0.77 0.00	20.94 0.72 0.00	21.40 0.75 -0.58	19.07 0.65 -0.71	18.19 0.62 0.00	19.50 0.65 0.00	20.26 0.66 0.00	17.65 0.59 0.00	16.70 0.50 0.00	16.69 0.47 -0.01	17.36 0.45 0.00	17.32 0.43 0.00	18.82 0.49 0.00	18.45 0.51 0.00	17.91 0.59 0.00	17.66 0.57 0.00	19.52 0.65 0.00	27.14 1.01 0.00	29.29 1.19 0.00	29.29 1.19 0.00	25.01 0.97 0.00	20.38 0.75 0.00	19.79 0.69 0.00	19.71 0.55 0.00
RUSSELL__1 23602	21.43 0.17 0.00	20.42 0.20 0.00	20.23 0.10 -0.05	17.85 0.09 -0.06	17.72 0.15 0.00	19.05 0.20 0.00	19.93 0.33 0.00	17.22 0.16 0.00	16.46 0.26 0.00	16.43 0.22 0.00	17.12 0.20 0.00	17.09 0.21 0.00	18.49 0.16 0.00	18.06 0.13 0.00	17.40 0.07 0.00	17.16 0.08 0.00	18.93 0.06 0.00	26.17 0.04 0.00	28.18 0.07 0.00	28.17 0.07 0.00	24.25 0.21 0.00	19.69 0.05 0.00	19.10 0.00 0.00	19.32 0.16 0.00
RUSSELL__2 23532	21.43 0.17 0.00	20.42 0.20 0.00	20.23 0.10 -0.05	17.85 0.09 -0.06	17.72 0.15 0.00	19.05 0.20 0.00	19.93 0.33 0.00	17.22 0.16 0.00	16.46 0.26 0.00	16.43 0.22 0.00	17.12 0.20 0.00	17.09 0.21 0.00	18.49 0.16 0.00	18.06 0.13 0.00	17.40 0.07 0.00	17.16 0.08 0.00	18.93 0.06 0.00	26.17 0.04 0.00	28.18 0.07 0.00	28.17 0.07 0.00	24.25 0.21 0.00	19.69 0.05 0.00	19.10 0.00 0.00	19.32 0.16 0.00

RUSSELL___3 23549	21.43 0.17 0.00	20.42 0.20 0.00	20.23 0.10 -0.05	17.85 0.09 -0.06	17.72 0.15 0.00	19.05 0.20 0.00	19.93 0.33 0.00	17.22 0.16 0.00	16.46 0.26 0.00	16.43 0.22 0.00	17.12 0.20 0.00	17.09 0.21 0.00	18.49 0.16 0.00	18.06 0.13 0.00	17.40 0.07 0.00	17.16 0.08 0.00	18.93 0.06 0.00	26.17 0.04 0.00	28.18 0.07 0.00	28.17 0.07 0.00	24.25 0.21 0.00	19.69 0.05 0.00	19.10 0.00 0.00	19.32 0.16 0.00
RUSSELL___4 23556	21.43 0.17 0.00	20.42 0.20 0.00	20.23 0.10 -0.05	17.85 0.09 -0.06	17.72 0.15 0.00	19.05 0.20 0.00	19.93 0.33 0.00	17.22 0.16 0.00	16.46 0.26 0.00	16.43 0.22 0.00	17.12 0.20 0.00	17.09 0.21 0.00	18.49 0.16 0.00	18.06 0.13 0.00	17.40 0.07 0.00	17.16 0.08 0.00	18.93 0.06 0.00	26.17 0.04 0.00	28.18 0.07 0.00	28.17 0.07 0.00	24.25 0.21 0.00	19.69 0.05 0.00	19.10 0.00 0.00	19.32 0.16 0.00
RUSSELL___STATION 23914	21.43 0.17 0.00	20.42 0.20 0.00	20.23 0.10 -0.05	17.85 0.09 -0.06	17.72 0.15 0.00	19.05 0.20 0.00	19.93 0.33 0.00	17.22 0.16 0.00	16.46 0.26 0.00	16.43 0.22 0.00	17.12 0.20 0.00	17.09 0.21 0.00	18.49 0.16 0.00	18.06 0.13 0.00	17.40 0.07 0.00	17.16 0.08 0.00	18.93 0.06 0.00	26.17 0.04 0.00	28.18 0.07 0.00	28.17 0.07 0.00	24.25 0.21 0.00	19.69 0.05 0.00	19.10 0.00 0.00	19.32 0.16 0.00
S SALMON___HYD 24043	21.14 -0.12 0.00	20.11 -0.10 0.00	19.94 -0.17 -0.03	17.54 -0.20 -0.04	17.41 -0.16 0.00	18.73 -0.12 0.00	19.49 -0.11 0.00	16.93 -0.13 0.00	16.07 -0.13 0.00	16.02 -0.19 0.00	16.63 -0.28 0.00	16.57 -0.31 0.00	17.99 -0.34 0.00	17.54 -0.40 0.00	16.94 -0.38 0.00	16.73 -0.36 0.00	18.43 -0.44 0.00	25.61 -0.52 0.00	27.68 -0.42 0.00	27.78 -0.32 0.00	23.87 -0.17 0.00	19.51 -0.12 0.00	18.97 -0.13 0.00	19.12 -0.05 0.00
S.PERRY___115KV_TB1 80734	21.76 0.50 0.00	20.83 0.61 0.00	20.70 0.56 -0.07	18.28 0.49 -0.08	18.19 0.61 0.00	19.54 0.68 0.00	20.47 0.87 0.00	17.66 0.60 0.00	16.72 0.52 0.00	16.58 0.36 0.00	17.24 0.32 0.00	17.19 0.31 0.00	18.70 0.37 0.00	18.24 0.31 0.00	17.59 0.27 0.00	17.28 0.20 0.00	19.04 0.17 0.00	26.39 0.25 0.00	28.54 0.44 0.00	28.86 0.77 0.00	24.98 0.94 0.00	20.29 0.66 0.00	19.69 0.59 0.00	19.89 0.72 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.11 -0.15 0.00	20.22 0.00 0.00	20.00 -0.14 -0.06	17.68 -0.10 -0.08	17.58 0.00 0.00	18.88 0.02 0.00	19.80 0.20 0.00	17.00 -0.06 0.00	16.32 0.12 0.00	16.29 0.07 0.00	16.95 0.04 0.00	16.93 0.05 0.00	18.42 0.09 0.00	17.88 -0.05 0.00	17.22 -0.10 0.00	16.91 -0.18 0.00	18.62 -0.26 0.00	25.64 -0.49 0.00	27.49 -0.61 0.00	27.46 -0.64 0.00	23.74 -0.30 0.00	19.28 -0.35 0.00	18.75 -0.36 0.00	19.13 -0.04 0.00
SAWYER___23_KV_LOAD 55526	21.11 -0.15 0.00	20.22 0.00 0.00	20.00 -0.14 -0.06	17.68 -0.10 -0.08	17.58 0.00 0.00	18.88 0.02 0.00	19.80 0.20 0.00	17.00 -0.06 0.00	16.32 0.12 0.00	16.29 0.07 0.00	16.95 0.04 0.00	16.93 0.05 0.00	18.42 0.09 0.00	17.88 -0.05 0.00	17.22 -0.10 0.00	16.91 -0.18 0.00	18.62 -0.26 0.00	25.64 -0.49 0.00	27.49 -0.61 0.00	27.46 -0.64 0.00	23.74 -0.30 0.00	19.28 -0.35 0.00	18.75 -0.36 0.00	19.13 -0.04 0.00
SELKIRK___I 23801	21.94 0.68 0.00	20.95 0.73 0.00	21.42 0.80 -0.54	19.07 0.70 -0.66	18.17 0.59 0.00	19.47 0.61 0.00	20.22 0.62 0.00	17.59 0.53 0.00	16.65 0.45 0.00	16.63 0.40 -0.01	17.26 0.35 0.00	17.21 0.33 0.00	18.70 0.37 0.00	18.34 0.41 0.00	17.80 0.49 0.00	17.54 0.45 0.00	19.39 0.52 0.00	26.95 0.82 0.00	29.10 1.00 0.00	29.12 1.03 0.00	24.87 0.83 0.00	20.25 0.62 0.00	19.69 0.59 0.00	19.59 0.43 0.00
SELKIRK___II 23799	21.82 0.56 0.00	20.82 0.61 0.00	21.27 0.65 -0.55	18.94 0.57 -0.67	18.04 0.46 0.00	19.33 0.47 0.00	20.07 0.47 0.00	17.48 0.42 0.00	16.56 0.36 0.00	16.57 0.34 -0.01	17.20 0.29 0.00	17.15 0.28 0.00	18.63 0.30 0.00	18.27 0.34 0.00	17.74 0.42 0.00	17.49 0.41 0.00	19.33 0.47 0.00	26.85 0.72 0.00	28.97 0.86 0.00	28.97 0.87 0.00	24.73 0.69 0.00	20.14 0.51 0.00	19.58 0.48 0.00	19.47 0.30 0.00
SENECA OSWGO___HYD 24041	21.08 -0.17 0.00	20.07 -0.15 0.00	19.94 -0.17 -0.03	17.58 -0.16 -0.04	17.44 -0.13 0.00	18.69 -0.17 0.00	19.39 -0.21 0.00	16.83 -0.23 0.00	15.99 -0.20 0.00	15.99 -0.22 0.00	16.64 -0.27 0.00	16.61 -0.27 0.00	18.02 -0.31 0.00	17.61 -0.32 0.00	17.02 -0.30 0.00	16.79 -0.29 0.00	18.53 -0.34 0.00	25.66 -0.47 0.00	27.66 -0.45 0.00	27.65 -0.44 0.00	23.69 -0.35 0.00	19.31 -0.32 0.00	18.79 -0.31 0.00	18.97 -0.20 0.00
SENECA___115KV_TB3 355854	21.30 0.05 0.00	20.41 0.19 0.00	20.21 0.07 -0.07	17.86 0.07 -0.08	17.76 0.18 0.00	19.07 0.22 0.00	20.01 0.41 0.00	17.20 0.14 0.00	16.52 0.32 0.00	16.49 0.28 0.00	17.17 0.26 0.00	17.16 0.28 0.00	18.67 0.34 0.00	18.14 0.21 0.00	17.49 0.17 0.00	17.18 0.09 0.00	18.91 0.04 0.00	26.05 -0.08 0.00	27.95 -0.16 0.00	27.90 -0.20 0.00	24.09 0.05 0.00	19.55 -0.08 0.00	19.00 -0.10 0.00	19.36 0.19 0.00
SENECA___ENERGY 23797	21.18 -0.07 0.00	20.14 -0.07 0.00	20.07 -0.06 -0.05	17.71 -0.05 -0.06	17.56 -0.01 0.00	18.86 0.00 0.00	19.70 0.10 0.00	17.08 0.02 0.00	16.21 0.02 0.00	16.20 -0.02 0.00	16.85 -0.07 0.00	16.83 -0.05 0.00	18.23 -0.10 0.00	17.81 -0.12 0.00	17.21 -0.10 0.00	16.98 -0.11 0.00	18.74 -0.13 0.00	26.01 -0.12 0.00	28.04 -0.06 0.00	28.05 -0.04 0.00	24.06 0.02 0.00	19.58 -0.05 0.00	18.96 -0.14 0.00	19.11 -0.06 0.00
SHOEMAKER___GT 23640	22.13 0.88 0.00	20.95 0.73 0.00	21.18 0.72 -0.38	18.78 0.61 -0.47	18.15 0.58 0.00	19.47 0.62 0.00	20.29 0.69 0.00	17.76 0.70 0.00	16.87 0.67 0.00	16.91 0.72 0.02	17.62 0.71 0.00	17.61 0.73 0.00	19.09 0.76 0.00	18.71 0.78 0.00	18.17 0.86 0.00	18.00 0.91 0.00	19.87 1.00 0.00	27.58 1.44 0.00	29.65 1.54 0.00	29.54 1.44 0.00	25.22 1.18 0.00	20.54 0.91 0.00	19.92 0.82 0.00	19.76 0.59 0.00
SHOEMAKR_138KV_BK 111 55601	22.11 0.85 0.00	20.95 0.72 0.00	21.16 0.71 -0.38	18.76 0.60 -0.46	18.15 0.57 0.00	19.43 0.58 0.00	20.26 0.66 0.00	17.75 0.69 0.00	16.86 0.66 0.00	16.91 0.72 0.02	17.62 0.71 0.00	17.61 0.73 0.00	19.10 0.77 0.00	18.72 0.79 0.00	18.19 0.87 0.00	18.01 0.92 0.00	19.89 1.01 0.00	27.58 1.45 0.00	29.64 1.53 0.00	29.53 1.43 0.00	25.20 1.16 0.00	20.53 0.89 0.00	19.90 0.80 0.00	19.74 0.57 0.00
SHOREHAM_IC_1 23715	23.65 2.40 0.00	22.15 1.93 0.00	22.35 1.84 -0.43	19.77 1.54 -0.53	19.08 1.51 0.00	20.47 1.61 0.00	21.51 1.91 0.00	18.98 1.92 0.00	18.11 1.91 0.00	18.27 2.03 -0.03	18.87 1.96 0.00	18.88 2.00 0.00	20.14 1.81 0.00	19.79 1.86 0.00	19.22 1.91 0.00	19.27 2.18 0.00	21.35 2.48 0.00	29.78 3.64 -0.01	31.99 3.83 -0.05	112.49 3.73 -80.66	55.40 3.05 -28.31	27.25 2.47 -5.15	22.85 2.27 -1.48	20.94 1.78 0.00

SHOREHAM_IC_2 23716	23.65 2.40 0.00	22.15 1.93 0.00	22.35 1.84 -0.43	19.77 1.54 -0.53	19.08 1.51 0.00	20.47 1.61 0.00	21.51 1.91 0.00	18.98 1.92 0.00	18.11 1.91 0.00	18.27 2.03 -0.03	18.87 1.96 0.00	18.88 2.00 0.00	20.14 1.81 0.00	19.79 1.86 0.00	19.22 1.91 0.00	19.27 2.18 0.00	21.35 2.48 0.00	29.78 3.64 -0.01	31.99 3.83 -0.05	112.49 3.73 -80.66	55.40 3.05 -28.31	27.25 2.47 -5.15	22.85 2.27 -1.48	20.94 1.78 0.00
SISSONVILLE____ 23735	20.35 -0.90 0.00	19.38 -0.83 0.00	19.19 -0.88 0.00	16.94 -0.76 0.00	16.84 -0.74 0.00	18.15 -0.71 0.00	18.93 -0.67 0.00	16.50 -0.55 0.00	15.62 -0.58 0.00	15.59 -0.62 0.00	16.31 -0.61 0.00	16.28 -0.60 0.00	17.74 -0.60 0.00	17.31 -0.62 0.00	16.66 -0.66 0.00	16.38 -0.71 0.00	18.14 -0.73 0.00	25.10 -1.03 0.00	26.99 -1.12 0.00	27.14 -0.95 0.00	23.29 -0.75 0.00	19.08 -0.55 0.00	18.57 -0.53 0.00	18.64 -0.53 0.00
SITHE_IND_GS1 24169	20.81 -0.44 0.00	19.81 -0.41 0.00	19.68 -0.42 -0.03	17.36 -0.38 -0.03	17.22 -0.36 0.00	18.46 -0.40 0.00	19.13 -0.47 0.00	16.59 -0.48 0.00	15.77 -0.43 0.00	15.78 -0.43 0.00	16.43 -0.48 0.00	16.40 -0.48 0.00	17.79 -0.54 0.00	17.38 -0.55 0.00	16.78 -0.54 0.00	16.56 -0.53 0.00	18.26 -0.61 0.00	25.28 -0.85 0.00	27.22 -0.88 0.00	27.21 -0.88 0.00	23.31 -0.73 0.00	19.01 -0.63 0.00	18.50 -0.60 0.00	18.71 -0.46 0.00
SITHE_IND_GS2 24170	20.81 -0.44 0.00	19.81 -0.41 0.00	19.68 -0.42 -0.03	17.36 -0.38 -0.03	17.22 -0.36 0.00	18.46 -0.40 0.00	19.13 -0.47 0.00	16.59 -0.48 0.00	15.77 -0.43 0.00	15.78 -0.43 0.00	16.43 -0.48 0.00	16.40 -0.48 0.00	17.79 -0.54 0.00	17.38 -0.55 0.00	16.78 -0.54 0.00	16.56 -0.53 0.00	18.26 -0.61 0.00	25.28 -0.85 0.00	27.22 -0.88 0.00	27.21 -0.88 0.00	23.31 -0.73 0.00	19.01 -0.63 0.00	18.50 -0.60 0.00	18.71 -0.46 0.00
SITHE_IND_GS3 24171	20.81 -0.44 0.00	19.81 -0.41 0.00	19.68 -0.42 -0.03	17.36 -0.38 -0.03	17.22 -0.36 0.00	18.46 -0.40 0.00	19.13 -0.47 0.00	16.59 -0.48 0.00	15.77 -0.43 0.00	15.78 -0.43 0.00	16.43 -0.48 0.00	16.40 -0.48 0.00	17.79 -0.54 0.00	17.38 -0.55 0.00	16.78 -0.54 0.00	16.56 -0.53 0.00	18.26 -0.61 0.00	25.28 -0.85 0.00	27.22 -0.88 0.00	27.21 -0.88 0.00	23.31 -0.73 0.00	19.01 -0.63 0.00	18.50 -0.60 0.00	18.71 -0.46 0.00
SITHE_IND_GS4 24172	20.81 -0.44 0.00	19.81 -0.41 0.00	19.68 -0.42 -0.03	17.36 -0.38 -0.03	17.22 -0.36 0.00	18.46 -0.40 0.00	19.13 -0.47 0.00	16.59 -0.48 0.00	15.77 -0.43 0.00	15.78 -0.43 0.00	16.43 -0.48 0.00	16.40 -0.48 0.00	17.79 -0.54 0.00	17.38 -0.55 0.00	16.78 -0.54 0.00	16.56 -0.53 0.00	18.26 -0.61 0.00	25.28 -0.85 0.00	27.22 -0.88 0.00	27.21 -0.88 0.00	23.31 -0.73 0.00	19.01 -0.63 0.00	18.50 -0.60 0.00	18.71 -0.46 0.00
SITHE____BATAVIA 24024	21.61 0.36 0.00	20.70 0.48 0.00	20.46 0.33 -0.06	18.07 0.30 -0.07	17.98 0.41 0.00	19.28 0.42 0.00	20.26 0.66 0.00	17.44 0.38 0.00	16.63 0.43 0.00	16.52 0.30 0.00	17.15 0.24 0.00	17.11 0.23 0.00	18.82 0.49 0.00	18.13 0.20 0.00	17.52 0.20 0.00	17.12 0.03 0.00	18.85 -0.02 0.00	26.03 -0.10 0.00	28.13 0.02 0.00	28.21 0.12 0.00	24.37 0.33 0.00	19.77 0.14 0.00	19.15 0.05 0.00	19.54 0.38 0.00
SITHE____INDEPEND 23800	20.81 -0.44 0.00	19.81 -0.41 0.00	19.68 -0.42 -0.03	17.36 -0.38 -0.03	17.22 -0.36 0.00	18.46 -0.39 0.00	19.13 -0.46 0.00	16.59 -0.48 0.00	15.77 -0.43 0.00	15.78 -0.43 0.00	16.43 -0.48 0.00	16.40 -0.48 0.00	17.79 -0.54 0.00	17.38 -0.55 0.00	16.78 -0.54 0.00	16.56 -0.53 0.00	18.26 -0.61 0.00	25.28 -0.85 0.00	27.22 -0.88 0.00	27.21 -0.88 0.00	23.31 -0.73 0.00	19.01 -0.63 0.00	18.51 -0.60 0.00	18.71 -0.46 0.00
SITHE____MASSENA 23902	20.93 -0.33 0.00	19.95 -0.27 0.00	19.78 -0.30 0.00	17.47 -0.23 0.00	17.35 -0.23 0.00	18.65 -0.21 0.00	19.42 -0.18 0.00	16.93 -0.13 0.00	16.04 -0.15 0.00	16.05 -0.17 0.00	16.80 -0.12 0.00	16.77 -0.11 0.00	18.25 -0.08 0.00	17.83 -0.10 0.00	17.16 -0.16 0.00	16.87 -0.21 0.00	18.68 -0.19 0.00	25.82 -0.31 0.00	27.70 -0.41 0.00	27.78 -0.32 0.00	23.82 -0.22 0.00	19.52 -0.12 0.00	19.01 -0.09 0.00	19.10 -0.06 0.00
SITHE____OGDNSBRG 24021	20.95 -0.30 0.00	19.96 -0.26 0.00	19.76 -0.31 0.00	17.45 -0.25 0.00	17.34 -0.23 0.00	18.70 -0.16 0.00	19.50 -0.10 0.00	16.98 -0.08 0.00	16.02 -0.18 0.00	15.99 -0.23 0.00	16.75 -0.17 0.00	16.73 -0.15 0.00	18.24 -0.10 0.00	17.80 -0.13 0.00	17.12 -0.19 0.00	16.82 -0.26 0.00	18.63 -0.24 0.00	25.75 -0.38 0.00	27.68 -0.42 0.00	27.94 -0.16 0.00	23.99 -0.05 0.00	19.65 0.01 0.00	19.12 0.02 0.00	19.19 0.03 0.00
SITHE____STERLING 23777	21.70 0.44 0.00	20.68 0.46 0.00	20.53 0.42 -0.03	18.08 0.34 -0.03	17.95 0.37 0.00	19.25 0.39 0.00	20.04 0.44 0.00	17.44 0.38 0.00	16.55 0.35 0.00	16.50 0.28 0.00	17.16 0.25 0.00	17.12 0.24 0.00	18.66 0.32 0.00	18.22 0.29 0.00	17.63 0.31 0.00	17.34 0.26 0.00	19.16 0.30 0.00	26.63 0.50 0.00	28.77 0.66 0.00	28.85 0.75 0.00	24.69 0.65 0.00	20.11 0.47 0.00	19.53 0.43 0.00	19.63 0.46 0.00
SLEIGHT__34_KV_TB1 80719	21.62 0.37 0.00	20.56 0.35 0.00	20.45 0.33 -0.05	18.06 0.30 -0.06	17.88 0.31 0.00	19.22 0.37 0.00	20.07 0.48 0.00	17.45 0.39 0.00	16.57 0.37 0.00	16.58 0.37 0.00	17.22 0.30 0.00	17.24 0.36 0.00	18.70 0.37 0.00	18.21 0.28 0.00	17.60 0.29 0.00	17.35 0.26 0.00	19.16 0.29 0.00	26.60 0.46 0.00	28.63 0.53 0.00	28.70 0.60 0.00	24.56 0.51 0.00	19.96 0.33 0.00	19.33 0.23 0.00	19.47 0.31 0.00
SOUTH CAIRO____GT 23612	22.48 1.23 0.00	21.49 1.27 0.00	21.91 1.32 -0.51	19.48 1.14 -0.63	18.56 0.98 0.00	19.97 1.11 0.00	20.79 1.19 0.00	18.08 1.02 0.00	17.01 0.81 0.00	16.81 0.59 0.00	17.33 0.42 0.00	17.23 0.35 0.00	18.70 0.37 0.00	18.44 0.50 0.00	17.85 0.53 0.00	17.64 0.55 0.00	19.57 0.71 0.00	27.42 1.29 0.00	29.86 1.75 0.00	30.04 1.95 0.00	25.68 1.64 0.00	20.86 1.23 0.00	20.23 1.13 0.00	20.06 0.89 0.00
SOUTH HAMPTN____IC 23720	24.02 2.76 0.00	22.45 2.23 0.00	22.64 2.13 -0.43	20.02 1.79 -0.53	19.33 1.76 0.00	20.77 1.92 0.00	21.84 2.24 0.00	19.28 2.22 0.00	18.41 2.22 0.00	18.61 2.36 -0.03	19.24 2.33 0.00	19.25 2.37 0.00	20.52 2.19 0.00	20.18 2.25 0.00	19.60 2.28 0.00	19.69 2.61 0.00	21.82 2.95 0.00	30.42 4.29 -0.01	32.67 4.52 -0.05	110.49 4.39 -78.00	54.73 3.58 -27.10	27.65 2.87 -5.15	23.21 2.62 -1.48	21.25 2.08 0.00
SOUTHDOW_I115KV_TB1 355954	21.59 0.34 0.00	20.67 0.46 0.00	20.59 0.44 -0.07	18.15 0.36 -0.09	18.07 0.49 0.00	19.46 0.60 0.00	20.46 0.86 0.00	17.61 0.55 0.00	17.00 0.80 0.00	17.17 0.96 0.00	17.89 0.98 0.00	17.91 1.03 0.00	19.49 1.16 0.00	19.01 1.08 0.00	18.33 1.01 0.00	18.01 0.92 0.00	19.79 0.92 0.00	27.25 1.12 0.00	29.20 1.10 0.00	29.08 0.99 0.00	24.99 0.95 0.00	20.27 0.64 0.00	19.66 0.56 0.00	19.98 0.82 0.00

SOUTHOLD_69_KV_BK 2 55809	24.44 3.19 0.00	22.85 2.63 0.00	23.02 2.52 -0.43	20.35 2.12 -0.53	19.66 2.09 0.00	21.01 2.15 0.00	22.20 2.60 0.00	19.65 2.59 0.00	18.79 2.60 0.00	19.02 2.77 -0.03	19.68 2.77 0.00	19.68 2.80 0.00	20.97 2.64 0.00	20.63 2.70 0.00	20.05 2.74 0.00	20.17 3.09 0.00	22.35 3.48 0.00	31.18 5.05 0.00	33.49 5.34 -0.05	111.32 5.19 -78.03	55.40 4.25 -27.12	28.16 3.39 -5.14	23.57 2.99 -1.48	21.61 2.45 0.00
SOUTHOLD____IC 23719	24.48 3.22 0.00	22.85 2.63 0.00	23.02 2.52 -0.43	20.35 2.12 -0.53	19.66 2.09 0.00	21.15 2.29 0.00	22.25 2.65 0.00	19.65 2.59 0.00	18.80 2.60 0.00	19.02 2.77 -0.03	19.68 2.76 0.00	19.68 2.80 0.00	20.98 2.65 0.00	20.63 2.71 0.00	20.05 2.74 0.00	20.17 3.09 0.00	22.35 3.48 0.00	31.19 5.05 -0.01	33.49 5.34 -0.05	111.32 5.19 -78.03	55.41 4.25 -27.12	28.16 3.38 -5.15	23.65 3.07 -1.48	21.64 2.47 0.00
SPIERFLS_115KV_TB 1 80737	21.92 0.67 0.00	20.75 0.53 0.00	21.20 0.55 -0.57	18.85 0.45 -0.70	17.96 0.39 0.00	19.37 0.52 0.00	20.20 0.60 0.00	17.56 0.50 0.00	16.58 0.38 0.00	16.42 0.20 -0.01	17.08 0.16 0.00	17.03 0.15 0.00	18.48 0.15 0.00	18.18 0.25 0.00	17.75 0.43 0.00	17.50 0.42 0.00	19.37 0.50 0.00	27.07 0.94 0.00	29.39 1.28 0.00	29.32 1.22 0.00	25.06 1.02 0.00	20.42 0.79 0.00	19.72 0.62 0.00	19.53 0.37 0.00
ST LAWRENCE____ 23600	20.81 -0.44 0.00	19.82 -0.40 0.00	19.66 -0.42 0.00	17.36 -0.34 0.00	17.24 -0.34 0.00	18.53 -0.33 0.00	19.29 -0.31 0.00	16.82 -0.24 0.00	15.95 -0.24 0.00	15.96 -0.25 0.00	16.70 -0.21 0.00	16.68 -0.20 0.00	18.14 -0.19 0.00	17.72 -0.21 0.00	17.05 -0.27 0.00	16.78 -0.30 0.00	18.58 -0.29 0.00	25.67 -0.46 0.00	27.53 -0.57 0.00	27.60 -0.50 0.00	23.65 -0.39 0.00	19.39 -0.25 0.00	18.88 -0.22 0.00	18.96 -0.20 0.00
STATE_CA_115KV_115_LB 55624	21.82 0.57 0.00	20.88 0.66 0.00	21.34 0.70 -0.56	18.99 0.60 -0.68	18.03 0.45 0.00	19.32 0.46 0.00	20.07 0.48 0.00	17.49 0.43 0.00	16.57 0.37 0.00	16.57 0.34 -0.01	17.19 0.28 0.00	17.15 0.27 0.00	18.62 0.29 0.00	18.26 0.33 0.00	17.75 0.44 0.00	17.51 0.42 0.00	19.35 0.49 0.00	26.91 0.78 0.00	29.04 0.93 0.00	29.03 0.93 0.00	24.78 0.73 0.00	20.16 0.53 0.00	19.58 0.48 0.00	19.45 0.29 0.00
STATE_ST_34_KV_LOAD 55959	21.60 0.35 0.00	20.43 0.21 0.00	20.39 0.26 -0.05	18.01 0.25 -0.06	17.79 0.21 0.00	19.18 0.32 0.00	20.02 0.42 0.00	17.45 0.39 0.00	16.51 0.32 0.00	16.55 0.33 0.00	17.20 0.28 0.00	17.21 0.33 0.00	18.56 0.23 0.00	18.04 0.11 0.00	17.45 0.13 0.00	17.32 0.23 0.00	19.15 0.28 0.00	26.59 0.46 0.00	28.56 0.46 0.00	28.64 0.54 0.00	24.53 0.48 0.00	19.98 0.34 0.00	19.26 0.16 0.00	19.32 0.16 0.00
STATION 5_MISC_HYD 23604	21.32 0.06 0.00	20.34 0.12 0.00	20.16 0.03 -0.05	17.79 0.03 -0.06	17.66 0.08 0.00	18.95 0.09 0.00	19.85 0.25 0.00	17.15 0.09 0.00	16.38 0.19 0.00	16.36 0.14 0.00	17.04 0.12 0.00	17.01 0.13 0.00	18.42 0.09 0.00	17.97 0.04 0.00	17.32 0.00 0.00	17.07 -0.01 0.00	18.83 -0.04 0.00	26.02 -0.11 0.00	28.01 -0.09 0.00	27.99 -0.11 0.00	24.11 0.06 0.00	19.58 -0.05 0.00	18.99 -0.11 0.00	19.23 0.07 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.37 0.12 0.00	20.37 0.15 0.00	20.22 0.10 -0.05	17.84 0.08 -0.06	17.71 0.13 0.00	19.02 0.17 0.00	19.88 0.28 0.00	17.28 0.22 0.00	16.54 0.34 0.00	16.51 0.29 0.00	17.18 0.26 0.00	17.13 0.25 0.00	18.52 0.19 0.00	18.01 0.08 0.00	17.37 0.06 0.00	17.13 0.04 0.00	18.91 0.03 0.00	26.20 0.07 0.00	28.23 0.12 0.00	28.21 0.11 0.00	24.24 0.19 0.00	19.68 0.05 0.00	19.11 0.01 0.00	19.31 0.14 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.19 -0.06 0.00	20.21 0.00 0.00	20.03 -0.09 -0.05	17.68 -0.09 -0.06	17.55 -0.03 0.00	18.86 0.00 0.00	19.71 0.12 0.00	17.05 -0.01 0.00	16.28 0.09 0.00	16.26 0.04 0.00	16.93 0.02 0.00	16.91 0.03 0.00	18.31 -0.02 0.00	17.88 -0.05 0.00	17.22 -0.10 0.00	16.98 -0.10 0.00	18.73 -0.14 0.00	25.90 -0.23 0.00	27.89 -0.22 0.00	27.86 -0.23 0.00	23.97 -0.06 0.00	19.47 -0.16 0.00	18.90 -0.20 0.00	19.13 -0.04 0.00
STA_56____34_KV_BUS2 355983	21.19 -0.06 0.00	20.21 0.00 0.00	20.03 -0.09 -0.05	17.68 -0.09 -0.06	17.55 -0.03 0.00	18.86 0.00 0.00	19.71 0.12 0.00	17.05 -0.01 0.00	16.28 0.09 0.00	16.26 0.04 0.00	16.93 0.02 0.00	16.91 0.03 0.00	18.31 -0.02 0.00	17.88 -0.05 0.00	17.22 -0.10 0.00	16.98 -0.10 0.00	18.73 -0.14 0.00	25.90 -0.23 0.00	27.89 -0.22 0.00	27.86 -0.23 0.00	23.97 -0.06 0.00	19.47 -0.16 0.00	18.90 -0.20 0.00	19.13 -0.04 0.00
STA_67____115KV_BK2 355882	21.28 0.03 0.00	20.30 0.08 0.00	20.12 -0.01 -0.05	17.76 0.00 -0.06	17.63 0.05 0.00	18.94 0.08 0.00	19.81 0.21 0.00	17.11 0.05 0.00	16.35 0.15 0.00	16.32 0.11 0.00	17.00 0.08 0.00	16.97 0.09 0.00	18.38 0.05 0.00	17.93 0.00 0.00	17.27 -0.05 0.00	17.03 -0.06 0.00	18.78 -0.09 0.00	25.95 -0.18 0.00	27.94 -0.17 0.00	27.92 -0.17 0.00	24.04 0.00 0.00	19.53 -0.10 0.00	18.96 -0.14 0.00	19.20 0.04 0.00
STA_7____115KV_9TRANS 80674	21.43 0.17 0.00	20.42 0.20 0.00	20.23 0.10 -0.05	17.85 0.09 -0.06	17.72 0.15 0.00	19.05 0.20 0.00	19.93 0.33 0.00	17.22 0.16 0.00	16.46 0.26 0.00	16.43 0.22 0.00	17.12 0.20 0.00	17.09 0.21 0.00	18.49 0.16 0.00	18.06 0.13 0.00	17.40 0.07 0.00	17.16 0.08 0.00	18.93 0.06 0.00	26.17 0.04 0.00	28.18 0.07 0.00	28.17 0.07 0.00	24.25 0.21 0.00	19.69 0.05 0.00	19.10 0.00 0.00	19.32 0.16 0.00
STA_82____115KV_TB1 80780	21.30 0.04 0.00	20.32 0.09 0.00	20.13 0.00 -0.05	17.76 0.00 -0.06	17.64 0.06 0.00	18.96 0.10 0.00	19.82 0.22 0.00	17.13 0.07 0.00	16.36 0.16 0.00	16.33 0.12 0.00	17.01 0.10 0.00	16.98 0.10 0.00	18.39 0.06 0.00	17.94 0.01 0.00	17.28 -0.03 0.00	17.04 -0.05 0.00	18.79 -0.08 0.00	25.96 -0.17 0.00	27.95 -0.15 0.00	27.94 -0.15 0.00	24.07 0.02 0.00	19.54 -0.09 0.00	18.98 -0.13 0.00	19.21 0.05 0.00
STEEL____WIND 323596	21.27 0.02 0.00	20.39 0.17 0.00	20.21 0.06 -0.07	17.84 0.06 -0.08	17.74 0.17 0.00	19.00 0.14 0.00	19.98 0.38 0.00	17.18 0.12 0.00	16.50 0.30 0.00	16.47 0.25 0.00	17.15 0.24 0.00	17.14 0.26 0.00	18.65 0.32 0.00	18.12 0.19 0.00	17.46 0.15 0.00	17.15 0.07 0.00	18.88 0.01 0.00	26.02 -0.11 0.00	27.91 -0.19 0.00	27.86 -0.23 0.00	24.07 0.02 0.00	19.55 -0.08 0.00	18.95 -0.15 0.00	19.33 0.16 0.00
STEPHTWN_115KV_BK_2 55603	21.93 0.67 0.00	20.95 0.72 0.00	21.41 0.78 -0.55	19.03 0.65 -0.67	18.07 0.49 0.00	19.37 0.51 0.00	20.18 0.58 0.00	17.56 0.50 0.00	16.62 0.42 0.00	16.63 0.40 -0.01	17.23 0.32 0.00	17.18 0.30 0.00	18.70 0.37 0.00	18.32 0.39 0.00	17.81 0.49 0.00	17.57 0.48 0.00	19.47 0.60 0.00	27.10 0.97 0.00	29.20 1.09 0.00	29.17 1.07 0.00	24.91 0.87 0.00	20.26 0.62 0.00	19.67 0.56 0.00	19.55 0.38 0.00

STEUBEN_REC_LFGE 323667	21.18 -0.08 0.00	20.35 0.13 0.00	20.33 0.16 -0.09	18.00 0.19 -0.11	17.98 0.40 0.00	19.26 0.40 0.00	20.17 0.57 0.00	17.44 0.38 0.00	16.68 0.49 0.00	16.56 0.35 0.00	17.25 0.33 0.00	17.20 0.32 0.00	18.73 0.40 0.00	18.24 0.31 0.00	17.57 0.25 0.00	17.30 0.21 0.00	19.02 0.15 0.00	26.45 0.32 0.00	28.58 0.47 0.00	28.62 0.52 0.00	24.59 0.54 0.00	20.00 0.37 0.00	19.43 0.33 0.00	19.63 0.46 0.00
STONY__BROOK 24151	23.46 2.21 0.00	21.99 1.77 0.00	22.19 1.69 -0.43	19.65 1.42 -0.53	18.95 1.38 0.00	20.35 1.49 0.00	21.37 1.77 0.00	18.82 1.76 0.00	17.95 1.75 0.00	18.11 1.86 -0.03	18.71 1.80 0.00	18.72 1.84 0.00	20.04 1.71 0.00	19.67 1.74 0.00	19.13 1.81 0.00	19.14 2.06 0.00	21.20 2.33 -0.01	29.48 3.34 -0.01	31.62 3.47 -0.05	129.45 3.39 -97.96	62.99 2.80 -36.16	27.04 2.26 -5.15	22.67 2.09 -1.48	20.80 1.63 0.00
STURGEON_POOL_HYD 23609	22.37 1.12 0.00	21.17 0.95 0.00	21.43 0.91 -0.44	19.01 0.77 -0.54	18.34 0.77 0.00	19.60 0.75 0.00	20.41 0.81 0.00	17.89 0.83 0.00	17.03 0.83 0.00	17.13 0.91 0.00	17.84 0.93 0.00	17.83 0.95 0.00	19.37 1.04 0.00	18.97 1.04 0.00	18.46 1.14 0.00	18.26 1.18 0.00	20.18 1.30 0.00	27.95 1.82 0.00	29.96 1.86 0.00	29.81 1.71 0.00	25.42 1.38 0.00	20.71 1.08 0.00	20.09 0.98 0.00	19.91 0.75 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.18 0.92 0.00	21.01 0.80 0.00	21.25 0.78 -0.39	18.84 0.65 -0.48	18.20 0.63 0.00	19.47 0.61 0.00	20.29 0.69 0.00	17.79 0.73 0.00	16.91 0.71 0.00	16.98 0.80 0.03	17.72 0.80 0.00	17.72 0.83 0.00	19.24 0.91 0.00	18.87 0.94 0.00	18.35 1.03 0.00	18.15 1.06 0.00	20.03 1.16 0.00	27.77 1.64 0.00	29.80 1.70 0.00	29.66 1.56 0.00	25.28 1.24 0.00	20.59 0.96 0.00	19.97 0.86 0.00	19.81 0.64 0.00
SWANROAD_115KV_TB1 355699	20.85 -0.41 0.00	20.01 -0.21 0.00	19.77 -0.37 -0.06	17.49 -0.29 -0.08	17.39 -0.19 0.00	18.67 -0.19 0.00	19.56 -0.04 0.00	16.73 -0.32 0.00	16.01 -0.19 0.00	15.94 -0.27 0.00	16.59 -0.32 0.00	16.56 -0.32 0.00	18.05 -0.28 0.00	17.50 -0.43 0.00	16.84 -0.47 0.00	16.53 -0.56 0.00	18.19 -0.68 0.00	25.03 -1.10 0.00	26.85 -1.26 0.00	26.84 -1.25 0.00	23.23 -0.81 0.00	18.87 -0.76 0.00	18.36 -0.74 0.00	18.80 -0.37 0.00
SYNERGY__BIOGAS 323694	21.61 0.36 0.00	20.70 0.48 0.00	20.46 0.33 -0.06	18.07 0.30 -0.07	17.98 0.41 0.00	19.28 0.42 0.00	20.26 0.66 0.00	17.44 0.38 0.00	16.63 0.43 0.00	16.52 0.30 0.00	17.15 0.24 0.00	17.11 0.23 0.00	18.82 0.49 0.00	18.13 0.20 0.00	17.52 0.20 0.00	17.12 0.03 0.00	18.85 -0.02 0.00	26.03 -0.10 0.00	28.13 0.02 0.00	28.21 0.12 0.00	24.37 0.33 0.00	19.77 0.14 0.00	19.15 0.05 0.00	19.54 0.38 0.00
SYRACUSE__ENERGY_ST1 323597	21.30 0.04 0.00	20.27 0.05 0.00	20.17 0.05 -0.04	17.80 0.04 -0.05	17.64 0.07 0.00	18.92 0.07 0.00	19.65 0.05 0.00	17.04 -0.02 0.00	16.20 0.00 0.00	16.21 0.00 0.00	16.87 -0.04 0.00	16.83 -0.05 0.00	18.31 -0.02 0.00	17.87 -0.06 0.00	17.27 -0.05 0.00	17.02 -0.06 0.00	18.79 -0.08 0.00	26.04 -0.09 0.00	28.04 -0.07 0.00	28.03 -0.06 0.00	24.01 -0.03 0.00	19.56 -0.07 0.00	19.02 -0.08 0.00	19.17 0.00 0.00
SYRACUSE__ENERGY_ST2 323598	21.30 0.04 0.00	20.27 0.05 0.00	20.17 0.05 -0.04	17.80 0.04 -0.05	17.64 0.07 0.00	18.92 0.07 0.00	19.65 0.05 0.00	17.04 -0.02 0.00	16.20 0.00 0.00	16.21 0.00 0.00	16.87 -0.04 0.00	16.83 -0.05 0.00	18.31 -0.02 0.00	17.87 -0.06 0.00	17.27 -0.05 0.00	17.02 -0.06 0.00	18.79 -0.08 0.00	26.04 -0.09 0.00	28.04 -0.07 0.00	28.03 -0.06 0.00	24.01 -0.03 0.00	19.56 -0.07 0.00	19.02 -0.08 0.00	19.17 0.00 0.00
SYRACUSE__POWER 24017	21.29 0.04 0.00	20.26 0.04 0.00	20.15 0.03 -0.04	17.77 0.02 -0.05	17.62 0.04 0.00	18.90 0.04 0.00	19.63 0.04 0.00	17.03 -0.02 0.00	16.20 0.01 0.00	16.21 -0.01 0.00	16.87 -0.04 0.00	16.83 -0.05 0.00	18.29 -0.04 0.00	17.86 -0.06 0.00	17.26 -0.06 0.00	17.03 -0.06 0.00	18.79 -0.08 0.00	26.04 -0.09 0.00	28.06 -0.05 0.00	28.05 -0.05 0.00	24.02 -0.02 0.00	19.56 -0.07 0.00	19.02 -0.08 0.00	19.16 -0.01 0.00
TALLMAN__138KV_BK151 55660	22.29 1.03 0.00	21.09 0.87 0.00	21.33 0.85 -0.41	18.91 0.71 -0.50	18.25 0.68 0.00	19.51 0.66 0.00	20.36 0.76 0.00	17.89 0.83 0.00	17.02 0.82 0.00	17.11 0.93 0.04	17.86 0.95 0.00	17.88 1.00 0.00	19.40 1.07 0.00	19.03 1.10 0.00	18.51 1.20 0.00	18.34 1.26 0.00	20.23 1.36 0.00	28.03 1.90 0.00	30.04 1.94 0.00	29.87 1.78 0.00	25.46 1.41 0.00	20.71 1.08 0.00	20.06 0.96 0.00	19.88 0.71 0.00
TEALLAVE_115KV_TB7 355573	21.20 -0.05 0.00	20.18 -0.04 0.00	20.05 -0.06 -0.04	17.68 -0.06 -0.04	17.54 -0.04 0.00	18.82 -0.04 0.00	19.54 -0.06 0.00	16.95 -0.11 0.00	16.12 -0.08 0.00	16.13 -0.09 0.00	16.79 -0.12 0.00	16.76 -0.12 0.00	18.20 -0.13 0.00	17.79 -0.14 0.00	17.17 -0.14 0.00	16.95 -0.14 0.00	18.69 -0.18 0.00	25.90 -0.23 0.00	27.90 -0.21 0.00	27.87 -0.23 0.00	23.88 -0.16 0.00	19.45 -0.19 0.00	18.91 -0.19 0.00	19.07 -0.09 0.00
TELGRAPH_34_KV_EAST 80808	21.27 0.02 0.00	20.39 0.17 0.00	20.15 0.02 -0.06	17.81 0.04 -0.07	17.71 0.14 0.00	19.03 0.17 0.00	19.95 0.35 0.00	17.11 0.05 0.00	16.38 0.18 0.00	16.30 0.09 0.00	16.96 0.05 0.00	16.93 0.05 0.00	18.60 0.27 0.00	17.90 -0.03 0.00	17.27 -0.05 0.00	16.88 -0.21 0.00	18.57 -0.30 0.00	25.58 -0.54 0.00	27.50 -0.60 0.00	27.50 -0.59 0.00	23.79 -0.25 0.00	19.34 -0.30 0.00	18.81 -0.29 0.00	19.22 0.06 0.00
TEMPLE__115KV_TB 2 55572	21.21 -0.04 0.00	20.18 -0.03 0.00	20.06 -0.05 -0.04	17.69 -0.05 -0.04	17.55 -0.03 0.00	18.82 -0.04 0.00	19.55 -0.05 0.00	16.96 -0.10 0.00	16.14 -0.06 0.00	16.14 -0.07 0.00	16.81 -0.11 0.00	16.77 -0.10 0.00	18.21 -0.12 0.00	17.80 -0.13 0.00	17.19 -0.13 0.00	16.96 -0.12 0.00	18.71 -0.16 0.00	25.93 -0.20 0.00	27.92 -0.19 0.00	27.89 -0.20 0.00	23.89 -0.15 0.00	19.46 -0.17 0.00	18.92 -0.18 0.00	19.08 -0.08 0.00
TIANA____69_KV_BK 1 55817	23.88 2.63 0.00	22.35 2.13 0.00	22.54 2.04 -0.43	19.94 1.71 -0.53	19.25 1.68 0.00	20.56 1.70 0.00	21.70 2.10 0.00	19.20 2.14 0.00	18.33 2.13 0.00	18.52 2.28 -0.03	19.14 2.23 0.00	19.14 2.27 0.00	20.40 2.08 0.00	20.06 2.13 0.00	19.49 2.17 0.00	19.57 2.49 0.00	21.67 2.79 0.00	30.21 4.08 0.00	32.47 4.31 -0.05	110.32 4.20 -78.02	54.60 3.44 -27.11	27.54 2.77 -5.14	23.04 2.46 -1.48	21.13 1.96 0.00
TILDEN__115KV_TB1 80814	21.29 0.04 0.00	20.26 0.04 0.00	20.15 0.03 -0.04	17.77 0.02 -0.05	17.62 0.04 0.00	18.90 0.04 0.00	19.63 0.04 0.00	17.03 -0.02 0.00	16.20 0.01 0.00	16.21 -0.01 0.00	16.87 -0.04 0.00	16.83 -0.05 0.00	18.29 -0.04 0.00	17.86 -0.06 0.00	17.26 -0.06 0.00	17.03 -0.06 0.00	18.79 -0.08 0.00	26.04 -0.09 0.00	28.06 -0.05 0.00	28.05 -0.05 0.00	24.02 -0.02 0.00	19.56 -0.07 0.00	19.02 -0.08 0.00	19.16 -0.01 0.00

TRIGEN___CC 323695	22.85 1.59 0.00	21.54 1.33 0.00	21.77 1.26 -0.43	19.29 1.07 -0.53	18.60 1.03 0.00	19.88 1.02 0.00	20.82 1.22 0.00	18.30 1.24 0.00	17.39 1.20 0.00	17.55 1.31 -0.03	18.21 1.30 0.00	18.23 1.35 0.00	19.69 1.36 0.00	19.26 1.33 0.00	18.74 1.43 0.00	18.63 1.54 0.00	20.61 1.74 0.00	28.61 2.48 0.00	30.69 2.53 -0.05	48.72 2.40 -18.22	25.98 1.94 0.00	26.34 1.57 -5.14	22.01 1.43 -1.48	20.29 1.12 0.00
TRINITY___115KV___4 BK 55933	21.75 0.49 0.00	20.81 0.59 0.00	21.27 0.64 -0.55	18.93 0.55 -0.68	17.97 0.40 0.00	19.26 0.40 0.00	20.01 0.41 0.00	17.42 0.36 0.00	16.51 0.31 0.00	16.50 0.28 -0.01	17.12 0.21 0.00	17.08 0.20 0.00	18.54 0.21 0.00	18.18 0.25 0.00	17.67 0.35 0.00	17.42 0.34 0.00	19.26 0.39 0.00	26.76 0.63 0.00	28.88 0.78 0.00	28.89 0.79 0.00	24.66 0.62 0.00	20.07 0.44 0.00	19.50 0.40 0.00	19.38 0.21 0.00
UNION___PROCESSING_DRP 323587	21.30 0.04 0.00	20.32 0.10 0.00	20.14 0.01 -0.05	17.77 0.01 -0.06	17.64 0.07 0.00	18.96 0.10 0.00	19.83 0.23 0.00	17.13 0.08 0.00	16.36 0.17 0.00	16.34 0.12 0.00	17.01 0.10 0.00	16.99 0.11 0.00	18.40 0.07 0.00	17.95 0.02 0.00	17.29 -0.03 0.00	17.05 -0.04 0.00	18.79 -0.08 0.00	25.98 -0.16 0.00	27.97 -0.14 0.00	27.96 -0.14 0.00	24.07 0.03 0.00	19.56 -0.08 0.00	18.99 -0.11 0.00	19.22 0.06 0.00
UPPER HUDSON___HYD 24058	21.93 0.67 0.00	20.75 0.54 0.00	21.20 0.55 -0.57	18.85 0.45 -0.70	17.96 0.39 0.00	19.40 0.55 0.00	20.21 0.61 0.00	17.56 0.51 0.00	16.58 0.38 0.00	16.42 0.20 -0.01	17.08 0.16 0.00	17.03 0.15 0.00	18.48 0.15 0.00	18.18 0.25 0.00	17.75 0.43 0.00	17.50 0.42 0.00	19.37 0.50 0.00	27.07 0.94 0.00	29.39 1.28 0.00	29.32 1.22 0.00	25.06 1.02 0.00	20.42 0.79 0.00	19.74 0.64 0.00	19.54 0.37 0.00
UPPER RAQUET___HYD 24056	20.35 -0.91 0.00	19.38 -0.84 0.00	19.19 -0.88 0.00	16.94 -0.76 0.00	16.84 -0.74 0.00	18.14 -0.72 0.00	18.92 -0.68 0.00	16.50 -0.55 0.00	15.62 -0.57 0.00	15.59 -0.62 0.00	16.31 -0.61 0.00	16.28 -0.60 0.00	17.73 -0.60 0.00	17.31 -0.62 0.00	16.66 -0.66 0.00	16.38 -0.71 0.00	18.14 -0.73 0.00	25.10 -1.03 0.00	26.99 -1.12 0.00	27.14 -0.95 0.00	23.29 -0.75 0.00	19.08 -0.55 0.00	18.57 -0.53 0.00	18.64 -0.53 0.00
VALLEY44_115KV_TB2 355964	21.22 -0.03 0.00	20.32 0.10 0.00	20.25 0.10 -0.07	17.84 0.04 -0.09	17.73 0.15 0.00	19.04 0.18 0.00	20.02 0.42 0.00	17.31 0.25 0.00	16.62 0.42 0.00	16.68 0.47 0.00	17.40 0.49 0.00	17.36 0.48 0.00	18.80 0.46 0.00	18.33 0.40 0.00	17.69 0.37 0.00	17.39 0.31 0.00	19.04 0.17 0.00	26.26 0.13 0.00	28.14 0.04 0.00	28.02 -0.08 0.00	24.10 0.06 0.00	19.61 -0.03 0.00	19.12 0.01 0.00	19.37 0.20 0.00
VALLEY___115KV_TB 1-4 80826	21.11 -0.14 0.00	20.15 -0.07 0.00	20.11 0.03 0.00	17.71 0.01 0.00	17.58 0.00 0.00	18.85 -0.01 0.00	19.58 -0.01 0.00	17.05 -0.01 0.00	16.12 -0.07 0.00	16.11 -0.11 0.00	16.72 -0.19 0.00	16.64 -0.24 0.00	18.15 -0.18 0.00	17.78 -0.15 0.00	17.27 -0.04 0.00	16.97 -0.11 0.00	18.75 -0.12 0.00	26.01 -0.12 0.00	28.24 0.13 0.00	28.29 0.19 0.00	24.08 0.04 0.00	19.63 0.00 0.00	19.15 0.05 0.00	19.09 -0.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.00 0.75 0.00	20.85 0.64 0.00	20.89 0.66 -0.15	18.48 0.58 -0.19	18.17 0.60 0.00	19.51 0.66 0.00	20.31 0.72 0.00	17.73 0.67 0.00	16.85 0.65 0.00	16.90 0.69 0.00	17.61 0.70 0.00	17.57 0.69 0.00	19.04 0.71 0.00	18.64 0.70 0.00	18.02 0.71 0.00	17.85 0.76 0.00	19.70 0.83 0.00	27.33 1.20 0.00	29.43 1.33 0.00	29.39 1.29 0.00	25.11 1.06 0.00	20.45 0.82 0.00	19.81 0.71 0.00	19.77 0.60 0.00
VISCHER___FERRY HYD 24020	22.05 0.79 0.00	21.00 0.78 0.00	21.47 0.83 -0.56	19.11 0.72 -0.69	18.23 0.66 0.00	19.57 0.71 0.00	20.34 0.74 0.00	17.67 0.61 0.00	16.69 0.49 0.00	16.66 0.44 -0.01	17.32 0.41 0.00	17.26 0.38 0.00	18.74 0.41 0.00	18.38 0.45 0.00	17.87 0.55 0.00	17.59 0.50 0.00	19.45 0.58 0.00	27.05 0.92 0.00	29.28 1.18 0.00	29.32 1.22 0.00	25.02 0.98 0.00	20.36 0.73 0.00	19.80 0.70 0.00	19.67 0.51 0.00
V_A_10_SYNC_DSASP 323832	20.96 -0.29 0.00	20.07 -0.14 0.00	19.88 -0.25 -0.05	17.56 -0.21 -0.07	17.44 -0.13 0.00	18.68 -0.17 0.00	19.61 0.01 0.00	16.89 -0.17 0.00	16.17 -0.02 0.00	16.15 -0.06 0.00	16.81 -0.10 0.00	16.79 -0.10 0.00	18.23 -0.10 0.00	17.72 -0.21 0.00	17.07 -0.25 0.00	16.77 -0.31 0.00	18.47 -0.41 0.00	25.45 -0.68 0.00	27.32 -0.78 0.00	27.29 -0.81 0.00	23.56 -0.48 0.00	19.16 -0.47 0.00	18.60 -0.50 0.00	18.95 -0.21 0.00
V_CMM_10_SYNC_DSASP 323787	20.89 -0.36 0.00	19.90 -0.32 0.00	19.73 -0.34 0.00	17.43 -0.27 0.00	17.31 -0.26 0.00	18.60 -0.25 0.00	19.37 -0.22 0.00	16.89 -0.17 0.00	16.02 -0.18 0.00	16.03 -0.18 0.00	16.77 -0.14 0.00	16.74 -0.14 0.00	18.21 -0.11 0.00	17.80 -0.13 0.00	17.12 -0.19 0.00	16.86 -0.23 0.00	18.66 -0.21 0.00	25.78 -0.35 0.00	27.65 -0.45 0.00	27.71 -0.39 0.00	23.75 -0.29 0.00	19.46 -0.17 0.00	18.96 -0.15 0.00	19.04 -0.13 0.00
V_CMP_10_SYNC_DSASP 323788	21.24 -0.01 0.00	20.16 -0.05 0.00	20.05 -0.02 0.00	17.70 0.00 0.00	17.67 0.10 0.00	19.06 0.21 0.00	19.91 0.31 0.00	17.37 0.30 0.00	16.45 0.25 0.00	16.45 0.23 0.00	17.18 0.27 0.00	17.15 0.27 0.00	18.65 0.32 0.00	18.26 0.33 0.00	17.61 0.29 0.00	17.32 0.23 0.00	19.18 0.31 0.00	26.54 0.41 0.00	28.58 0.47 0.00	28.64 0.54 0.00	24.47 0.43 0.00	19.96 0.32 0.00	19.40 0.30 0.00	19.44 0.28 0.00
V_E_10_SYNC_DSASP 323830	22.49 1.23 0.00	21.48 1.26 0.00	21.52 1.33 -0.12	18.94 1.10 -0.14	18.73 1.15 0.00	20.11 1.26 0.00	21.04 1.44 0.00	18.30 1.24 0.00	17.40 1.21 0.00	17.27 1.06 0.00	17.86 0.95 0.00	17.73 0.85 0.00	19.34 1.01 0.00	18.88 0.94 0.00	18.23 0.91 0.00	17.92 0.83 0.00	19.86 0.99 0.00	27.71 1.58 0.00	30.32 2.21 0.00	30.48 2.38 0.00	26.07 2.03 0.00	21.14 1.50 0.00	20.49 1.38 0.00	20.54 1.38 0.00
V_F_30_NSYNC___DSASP 323816	22.25 1.00 0.00	21.13 0.91 0.00	21.59 0.95 -0.57	19.20 0.80 -0.70	18.34 0.76 0.00	19.72 0.87 0.00	20.52 0.92 0.00	17.84 0.78 0.00	16.85 0.65 0.00	16.79 0.57 -0.01	17.46 0.55 0.00	17.40 0.53 0.00	18.90 0.57 0.00	18.54 0.61 0.00	18.04 0.72 0.00	17.79 0.71 0.00	19.70 0.83 0.00	27.45 1.31 0.00	29.70 1.60 0.00	29.68 1.58 0.00	25.36 1.31 0.00	20.63 1.00 0.00	20.01 0.91 0.00	19.87 0.70 0.00
V_F_30_SYNC_DSASP 323786	21.82 0.56 0.00	20.88 0.66 0.00	21.34 0.70 -0.55	18.99 0.60 -0.68	18.03 0.45 0.00	19.32 0.46 0.00	20.07 0.48 0.00	17.49 0.43 0.00	16.57 0.37 0.00	16.56 0.34 -0.01	17.19 0.27 0.00	17.14 0.27 0.00	18.62 0.29 0.00	18.26 0.33 0.00	17.75 0.44 0.00	17.51 0.42 0.00	19.35 0.49 0.00	26.90 0.77 0.00	29.04 0.93 0.00	29.02 0.92 0.00	24.77 0.73 0.00	20.16 0.53 0.00	19.58 0.48 0.00	19.45 0.29 0.00

V_XM10_SYNC_DSASP 323789	21.24 -0.01 0.00	20.16 -0.05 0.00	20.05 -0.02 0.00	17.70 0.00 0.00	17.67 0.10 0.00	19.06 0.21 0.00	19.91 0.31 0.00	17.37 0.30 0.00	16.45 0.25 0.00	16.45 0.23 0.00	17.18 0.27 0.00	17.15 0.27 0.00	18.65 0.32 0.00	18.26 0.33 0.00	17.61 0.29 0.00	17.32 0.23 0.00	19.18 0.31 0.00	26.54 0.41 0.00	28.58 0.47 0.00	28.64 0.54 0.00	24.47 0.43 0.00	19.96 0.32 0.00	19.40 0.30 0.00	19.44 0.28 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.36 1.11 0.00	21.17 0.95 0.00	21.41 0.93 -0.41	18.98 0.77 -0.50	18.31 0.74 0.00	19.59 0.73 0.00	20.44 0.84 0.00	17.95 0.89 0.00	17.08 0.88 0.00	17.16 0.98 0.04	17.92 1.00 0.00	17.93 1.05 0.00	19.46 1.13 0.00	19.10 1.17 0.00	18.58 1.26 0.00	18.40 1.31 0.00	20.30 1.43 0.00	28.13 2.00 0.00	30.16 2.05 0.00	29.98 1.89 0.00	25.56 1.51 0.00	20.79 1.16 0.00	20.14 1.04 0.00	19.94 0.78 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.56 1.31 0.00	21.34 1.12 0.00	21.56 1.05 -0.43	19.11 0.89 -0.53	18.43 0.86 0.00	19.70 0.85 0.00	20.57 0.97 0.00	18.09 1.03 0.00	17.23 1.03 0.00	17.40 1.16 -0.03	18.09 1.18 0.00	18.10 1.22 0.00	19.66 1.33 0.00	19.28 1.35 0.00	18.74 1.43 0.00	18.57 1.48 0.00	20.50 1.63 0.00	28.35 2.22 0.00	30.34 2.23 0.00	30.16 2.06 0.00	25.72 1.68 0.00	20.93 1.30 0.00	20.27 1.17 0.00	20.06 0.89 0.00
W50THST__13_KV_LOAD 356117	22.69 1.44 0.00	21.45 1.23 0.00	21.66 1.16 -0.43	19.20 0.98 -0.53	18.52 0.95 0.00	19.81 0.95 0.00	20.69 1.09 0.00	18.21 1.15 0.00	17.35 1.15 0.00	17.54 1.29 -0.03	18.23 1.32 0.00	18.25 1.37 0.00	19.82 1.49 0.00	19.44 1.51 0.00	18.90 1.59 0.00	18.72 1.64 0.00	20.68 1.81 0.00	28.60 2.46 0.00	30.58 2.48 0.00	30.38 2.28 0.00	25.90 1.86 0.00	21.07 1.43 0.00	20.39 1.29 0.00	20.18 1.01 0.00
WADING RIVER_IC_1 23522	23.67 2.41 0.00	22.15 1.93 0.00	22.35 1.85 -0.43	19.78 1.55 -0.53	19.09 1.51 0.00	20.49 1.63 0.00	21.53 1.93 0.00	18.99 1.94 0.00	18.12 1.92 0.00	18.29 2.04 -0.03	18.90 1.98 0.00	18.90 2.02 0.00	20.16 1.83 0.00	19.81 1.88 0.00	19.23 1.92 0.00	19.29 2.21 0.00	21.37 2.50 0.00	29.80 3.66 -0.01	32.01 3.85 -0.05	109.70 3.75 -77.85	54.15 3.07 -27.03	27.27 2.49 -5.15	22.86 2.28 -1.48	20.95 1.78 0.00
WADING RIVER_IC_2 23547	23.67 2.41 0.00	22.15 1.93 0.00	22.35 1.85 -0.43	19.78 1.55 -0.53	19.09 1.51 0.00	20.49 1.63 0.00	21.53 1.93 0.00	18.99 1.94 0.00	18.12 1.92 0.00	18.29 2.04 -0.03	18.90 1.98 0.00	18.90 2.02 0.00	20.16 1.83 0.00	19.81 1.88 0.00	19.23 1.92 0.00	19.29 2.21 0.00	21.37 2.50 0.00	29.80 3.66 -0.01	32.01 3.85 -0.05	109.70 3.75 -77.85	54.15 3.07 -27.03	27.27 2.49 -5.15	22.86 2.28 -1.48	20.95 1.78 0.00
WADING RIVER_IC_3 23601	23.67 2.41 0.00	22.15 1.93 0.00	22.35 1.85 -0.43	19.78 1.55 -0.53	19.09 1.51 0.00	20.49 1.63 0.00	21.53 1.93 0.00	18.99 1.94 0.00	18.12 1.92 0.00	18.29 2.04 -0.03	18.90 1.98 0.00	18.90 2.02 0.00	20.16 1.83 0.00	19.81 1.88 0.00	19.23 1.92 0.00	19.29 2.21 0.00	21.37 2.50 0.00	29.80 3.66 -0.01	32.01 3.85 -0.05	109.70 3.75 -77.85	54.15 3.07 -27.03	27.27 2.49 -5.15	22.86 2.28 -1.48	20.95 1.78 0.00
WALDENNY_12_KV_BK2 80841	21.30 0.04 0.00	20.41 0.19 0.00	20.21 0.07 -0.07	17.86 0.07 -0.08	17.75 0.18 0.00	19.07 0.21 0.00	20.01 0.41 0.00	17.19 0.13 0.00	16.51 0.31 0.00	16.48 0.26 0.00	17.15 0.24 0.00	17.15 0.27 0.00	18.67 0.34 0.00	18.14 0.21 0.00	17.48 0.16 0.00	17.16 0.08 0.00	18.89 0.02 0.00	26.03 -0.10 0.00	27.92 -0.19 0.00	27.87 -0.22 0.00	24.07 0.02 0.00	19.54 -0.09 0.00	18.98 -0.12 0.00	19.35 0.18 0.00
WALDEN__HYDRO 24148	22.41 1.15 0.00	21.21 0.99 0.00	21.45 0.96 -0.41	19.02 0.81 -0.51	18.35 0.78 0.00	19.65 0.80 0.00	20.49 0.90 0.00	17.96 0.90 0.00	17.05 0.85 0.00	17.11 0.90 0.01	17.81 0.89 0.00	17.80 0.92 0.00	19.31 0.98 0.00	18.91 0.98 0.00	18.39 1.08 0.00	18.22 1.13 0.00	20.15 1.28 0.00	27.98 1.85 0.00	30.08 1.97 0.00	29.98 1.88 0.00	25.57 1.53 0.00	20.83 1.20 0.00	20.18 1.08 0.00	19.99 0.83 0.00
WARRENSBURG____ 23737	21.93 0.67 0.00	20.75 0.54 0.00	21.20 0.55 -0.57	18.85 0.45 -0.70	17.96 0.39 0.00	19.40 0.55 0.00	20.21 0.61 0.00	17.56 0.51 0.00	16.58 0.38 0.00	16.42 0.20 -0.01	17.08 0.16 0.00	17.03 0.15 0.00	18.48 0.15 0.00	18.18 0.25 0.00	17.75 0.43 0.00	17.50 0.42 0.00	19.37 0.50 0.00	27.07 0.94 0.00	29.39 1.28 0.00	29.32 1.22 0.00	25.06 1.02 0.00	20.42 0.79 0.00	19.74 0.64 0.00	19.54 0.37 0.00
WATERSIDE____6 8 9 23538	22.56 1.30 0.00	21.33 1.11 0.00	21.55 1.04 -0.43	19.11 0.88 -0.53	18.42 0.85 0.00	19.70 0.85 0.00	20.57 0.97 0.00	18.09 1.04 0.00	17.23 1.03 0.00	17.39 1.14 -0.03	18.06 1.15 0.00	18.08 1.20 0.00	19.62 1.30 0.00	19.24 1.32 0.00	18.72 1.41 0.00	18.55 1.47 0.00	13.10 1.60 7.37	28.32 2.19 0.00	28.25 2.21 2.06	30.14 2.04 0.00	25.70 1.66 0.00	20.93 1.29 0.00	20.25 1.15 0.00	20.04 0.87 0.00
WATKINRD_115KV_LN8_ILLION 55919	21.24 -0.01 0.00	20.24 0.03 0.00	20.15 0.08 0.00	17.75 0.05 0.00	17.61 0.03 0.00	18.88 0.02 0.00	19.62 0.02 0.00	17.08 0.02 0.00	16.17 -0.03 0.00	16.16 -0.06 0.00	16.79 -0.12 0.00	16.74 -0.14 0.00	18.22 -0.11 0.00	17.84 -0.09 0.00	17.30 -0.01 0.00	17.03 -0.05 0.00	18.82 -0.05 0.00	26.11 -0.02 0.00	28.25 0.15 0.00	28.30 0.20 0.00	24.14 0.10 0.00	19.68 0.05 0.00	19.16 0.05 0.00	19.12 -0.05 0.00
WATSON__69_KV_BK 1 55734	23.60 2.35 0.00	22.19 1.97 0.00	22.38 1.88 -0.43	19.81 1.58 -0.53	19.11 1.53 0.00	20.40 1.54 0.00	21.45 1.85 0.00	18.90 1.84 0.00	18.02 1.82 0.00	18.17 1.93 -0.03	18.80 1.89 0.00	18.79 1.91 0.00	20.17 1.84 0.00	19.78 1.85 0.00	19.26 1.94 0.00	19.23 2.14 0.00	21.33 2.46 0.00	29.72 3.59 0.00	31.91 3.75 -0.05	79.97 3.62 -48.26	40.58 2.92 -13.62	27.14 2.37 -5.14	22.74 2.16 -1.48	20.94 1.77 0.00
WDELAWARE__HYD 323627	22.29 1.03 0.00	21.09 0.87 0.00	21.28 0.83 -0.37	18.85 0.69 -0.46	18.26 0.68 0.00	19.55 0.70 0.00	20.38 0.78 0.00	17.87 0.81 0.00	16.98 0.79 0.00	17.07 0.86 0.00	17.83 0.91 0.00	17.75 0.87 0.00	18.85 0.52 0.00	18.47 0.54 0.00	17.96 0.64 0.00	17.56 0.48 0.00	19.37 0.50 0.00	26.91 0.78 0.00	28.94 0.83 0.00	28.92 0.82 0.00	25.18 1.14 0.00	20.49 0.86 0.00	19.83 0.73 0.00	19.63 0.46 0.00
WEST BABYLON__IC 23714	23.47 2.21 0.00	22.08 1.86 0.00	22.27 1.77 -0.43	19.72 1.50 -0.53	19.02 1.45 0.00	20.31 1.45 0.00	21.33 1.73 0.00	18.78 1.72 0.00	17.89 1.69 0.00	18.05 1.80 -0.03	18.67 1.76 0.00	18.66 1.78 0.00	20.07 1.74 0.00	19.66 1.73 0.00	19.15 1.83 0.00	19.09 2.01 0.00	21.18 2.30 0.00	29.48 3.35 0.00	31.66 3.51 -0.05	56.91 3.37 -25.45	30.04 2.73 -3.28	26.98 2.21 -5.14	22.61 2.02 -1.48	20.82 1.65 0.00

WEST CANADA___HYD 24049	21.30 0.04 0.00	20.26 0.05 0.00	20.13 0.05 0.00	17.74 0.04 0.00	17.61 0.04 0.00	18.89 0.04 0.00	19.64 0.04 0.00	17.09 0.03 0.00	16.24 0.03 0.00	16.25 0.03 0.00	16.93 0.02 0.00	16.89 0.02 0.00	18.34 0.01 0.00	17.94 0.01 0.00	17.35 0.04 0.00	17.12 0.03 0.00	18.91 0.04 0.00	26.21 0.08 0.00	28.23 0.12 0.00	28.23 0.13 0.00	24.13 0.09 0.00	19.69 0.06 0.00	19.16 0.05 0.00	19.19 0.02 0.00
WESTERN_NY_WIND 24143	21.59 0.34 0.00	20.68 0.46 0.00	20.44 0.31 -0.06	18.06 0.28 -0.07	17.97 0.39 0.00	19.26 0.40 0.00	20.24 0.64 0.00	17.41 0.35 0.00	16.61 0.42 0.00	16.50 0.28 0.00	17.14 0.22 0.00	17.09 0.21 0.00	18.82 0.48 0.00	18.12 0.19 0.00	17.50 0.19 0.00	17.10 0.02 0.00	18.82 -0.04 0.00	26.00 -0.13 0.00	28.09 -0.02 0.00	28.17 0.07 0.00	24.33 0.29 0.00	19.74 0.11 0.00	19.13 0.03 0.00	19.52 0.35 0.00
WESTOVER___LESR 323668	21.42 0.16 0.00	20.39 0.17 0.00	20.40 0.19 -0.13	18.00 0.14 -0.15	17.77 0.20 0.00	19.06 0.20 0.00	19.87 0.27 0.00	17.25 0.19 0.00	16.43 0.23 0.00	16.47 0.25 0.00	17.14 0.23 0.00	17.12 0.23 0.00	18.60 0.27 0.00	18.18 0.25 0.00	17.58 0.26 0.00	17.36 0.27 0.00	19.12 0.25 0.00	26.48 0.35 0.00	28.49 0.39 0.00	28.44 0.34 0.00	24.34 0.30 0.00	19.83 0.19 0.00	19.24 0.14 0.00	19.35 0.18 0.00
WETHRSFD_WT_PWR 323626	21.02 -0.23 0.00	20.18 -0.04 0.00	20.11 -0.04 -0.07	17.76 -0.03 -0.09	17.68 0.10 0.00	18.93 0.07 0.00	19.84 0.24 0.00	17.09 0.03 0.00	16.40 0.20 0.00	16.36 0.14 0.00	17.04 0.12 0.00	17.03 0.14 0.00	18.51 0.18 0.00	18.01 0.07 0.00	17.36 0.05 0.00	17.08 0.00 0.00	18.81 -0.06 0.00	25.98 -0.15 0.00	27.92 -0.19 0.00	27.88 -0.22 0.00	24.04 0.00 0.00	19.55 -0.08 0.00	18.95 -0.15 0.00	19.27 0.10 0.00
WHAVSTOR_138KV_BK127 55557	22.28 1.02 0.00	21.09 0.87 0.00	21.34 0.85 -0.41	18.91 0.71 -0.50	18.25 0.67 0.00	19.51 0.66 0.00	20.36 0.76 0.00	17.88 0.82 0.00	17.01 0.81 0.00	17.09 0.91 0.04	17.84 0.93 0.00	17.85 0.97 0.00	19.38 1.04 0.00	19.01 1.08 0.00	18.49 1.17 0.00	18.31 1.22 0.00	20.20 1.33 0.00	27.99 1.86 0.00	30.00 1.90 0.00	29.84 1.74 0.00	25.43 1.39 0.00	20.70 1.07 0.00	20.05 0.95 0.00	19.86 0.70 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.28 1.02 0.00	21.09 0.87 0.00	21.34 0.85 -0.41	18.91 0.71 -0.50	18.25 0.67 0.00	19.51 0.66 0.00	20.36 0.76 0.00	17.88 0.82 0.00	17.01 0.81 0.00	17.09 0.91 0.04	17.84 0.93 0.00	17.85 0.97 0.00	19.38 1.04 0.00	19.01 1.08 0.00	18.49 1.17 0.00	18.31 1.22 0.00	20.20 1.33 0.00	27.99 1.86 0.00	30.00 1.90 0.00	29.84 1.74 0.00	25.43 1.39 0.00	20.70 1.07 0.00	20.05 0.95 0.00	19.86 0.70 0.00
WHITEHAL_115KV_TB1 80871	22.65 1.40 0.00	21.31 1.09 0.00	21.70 1.05 -0.57	19.22 0.82 -0.70	18.41 0.83 0.00	19.96 1.10 0.00	20.89 1.29 0.00	18.19 1.13 0.00	16.97 0.77 0.00	16.68 0.45 -0.01	17.34 0.43 0.00	17.32 0.44 0.00	18.82 0.49 0.00	18.49 0.56 0.00	18.13 0.81 0.00	17.98 0.89 0.00	19.97 1.10 0.00	28.10 1.96 0.00	30.83 2.72 0.00	30.62 2.53 0.00	26.25 2.21 0.00	21.27 1.64 0.00	20.47 1.37 0.00	20.34 1.18 0.00
WHITEPLN_13_KV_LOAD 356215	22.60 1.35 0.00	21.42 1.21 0.00	21.66 1.15 -0.43	19.20 0.98 -0.52	18.51 0.94 0.00	19.79 0.93 0.00	20.63 1.04 0.00	18.11 1.05 0.00	17.23 1.03 0.00	17.38 1.13 -0.03	18.06 1.15 0.00	18.06 1.18 0.00	19.69 1.36 0.00	19.29 1.36 0.00	18.79 1.47 0.00	18.53 1.45 0.00	20.46 1.59 0.00	28.35 2.22 0.00	30.37 2.27 0.00	30.21 2.11 0.00	25.76 1.72 0.00	20.96 1.33 0.00	20.34 1.23 0.00	20.17 1.00 0.00
WM_FLOYD_69_KV_BK2 356380	23.56 2.31 0.00	22.11 1.89 0.00	22.32 1.82 -0.43	19.75 1.52 -0.53	19.06 1.49 0.00	20.34 1.48 0.00	21.42 1.82 0.00	18.92 1.86 0.00	18.04 1.85 0.00	18.19 1.95 -0.03	18.81 1.89 0.00	18.79 1.91 0.00	20.09 1.76 0.00	19.73 1.80 0.00	19.16 1.85 0.00	19.18 2.09 0.00	21.27 2.40 0.00	29.67 3.54 0.00	31.87 3.71 -0.05	110.71 3.60 -79.01	54.54 2.94 -27.56	27.16 2.39 -5.14	22.74 2.15 -1.48	20.89 1.72 0.00
WOODARD__115KV_TB2 355635	21.15 -0.10 0.00	20.13 -0.08 0.00	20.01 -0.10 -0.04	17.65 -0.10 -0.04	17.50 -0.07 0.00	18.77 -0.09 0.00	19.48 -0.12 0.00	16.90 -0.16 0.00	16.08 -0.12 0.00	16.08 -0.13 0.00	16.75 -0.17 0.00	16.71 -0.17 0.00	18.15 -0.18 0.00	17.73 -0.20 0.00	17.13 -0.18 0.00	16.90 -0.19 0.00	18.64 -0.23 0.00	25.83 -0.30 0.00	27.82 -0.29 0.00	27.80 -0.30 0.00	23.81 -0.23 0.00	19.40 -0.23 0.00	18.87 -0.23 0.00	19.03 -0.14 0.00
YORK___WARBASSE 23770	22.67 1.42 0.00	21.43 1.21 0.00	21.64 1.14 -0.43	19.19 0.96 -0.53	18.50 0.93 0.00	19.79 0.93 0.00	20.66 1.06 0.00	18.17 1.11 0.00	17.30 1.10 0.00	17.46 1.21 -0.03	18.15 1.24 0.00	18.17 1.29 0.00	19.72 1.39 0.00	19.35 1.42 0.00	18.83 1.51 0.00	18.66 1.57 0.00	89.02 1.70 -68.45	28.47 2.34 0.00	49.59 2.37 -19.11	30.32 2.21 -0.02	25.86 1.81 -0.01	21.06 1.43 0.00	20.37 1.27 0.00	20.15 0.98 0.00