

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/17/2023

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	17.48	16.26	14.20	14.09	13.03	13.97	12.55	14.34	14.38	14.25	14.46	14.44	12.93	15.14	15.28	18.26	19.03	23.31	28.00	25.80	26.23	28.45	24.53	18.21
24138	0.81	0.67	0.60	0.64	0.57	0.55	0.48	0.56	0.64	0.67	0.77	0.55	0.74	0.86	0.90	1.10	1.15	1.42	1.56	1.41	1.44	1.49	1.20	0.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.59	0.00	0.00	0.00	-0.10	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	17.47	16.27	14.19	14.07	13.02	13.97	12.55	14.34	14.37	14.24	14.44	14.43	12.91	15.11	15.26	18.24	19.01	23.31	27.98	25.79	26.22	28.45	24.53	18.21
24260	0.79	0.68	0.59	0.63	0.56	0.54	0.48	0.55	0.63	0.65	0.75	0.54	0.72	0.84	0.88	1.08	1.13	1.41	1.54	1.41	1.43	1.49	1.20	0.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.59	0.00	0.00	0.00	-0.10	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	17.47	16.27	14.19	14.07	13.02	13.97	12.55	14.34	14.37	14.24	14.44	14.43	12.91	15.11	15.26	18.24	19.01	23.31	27.98	25.79	26.22	28.45	24.53	18.21
24261	0.79	0.68	0.59	0.63	0.56	0.54	0.48	0.55	0.63	0.65	0.75	0.54	0.72	0.84	0.88	1.08	1.13	1.41	1.54	1.41	1.43	1.49	1.20	0.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.59	0.00	0.00	0.00	-0.10	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	17.60	16.46	14.29	14.17	13.11	14.12	12.72	14.52	14.43	14.18	14.29	11.16	12.74	14.88	15.07	17.82	18.99	23.40	28.22	26.02	26.60	28.71	24.67	18.32
24011	0.92	0.88	0.70	0.72	0.64	0.70	0.65	0.73	0.69	0.60	0.60	0.42	0.55	0.61	0.69	0.91	1.12	1.48	1.78	1.63	1.80	1.75	1.35	0.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.43	0.00	0.00	0.00	0.15	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	17.68	16.52	14.34	14.22	13.15	14.17	12.79	14.61	14.49	14.23	14.36	11.20	12.83	14.99	15.19	17.96	19.16	23.58	28.41	26.21	26.81	28.91	24.78	18.37
23798	1.01	0.94	0.74	0.77	0.68	0.75	0.71	0.82	0.75	0.65	0.67	0.47	0.64	0.72	0.81	1.06	1.29	1.66	1.97	1.83	2.02	1.95	1.46	0.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.43	0.00	0.00	0.00	0.15	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	17.60	16.46	14.29	14.17	13.11	14.12	12.72	14.52	14.43	14.18	14.29	11.16	12.74	14.88	15.07	17.82	18.99	23.40	28.22	26.02	26.60	28.71	24.67	18.32
24028	0.92	0.88	0.70	0.72	0.64	0.70	0.65	0.73	0.69	0.60	0.60	0.42	0.55	0.61	0.69	0.91	1.12	1.48	1.78	1.63	1.80	1.75	1.35	0.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.43	0.00	0.00	0.00	0.15	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	17.11	16.07	13.96	13.84	12.81	13.79	12.42	14.17	14.07	13.77	13.90	11.01	12.38	14.50	14.67	17.20	18.56	22.98	27.72	25.53	25.96	28.09	24.09	17.92
23527	0.44	0.48	0.36	0.39	0.35	0.36	0.35	0.39	0.33	0.18	0.21	0.15	0.19	0.22	0.29	0.44	0.68	1.07	1.29	1.14	1.17	1.13	0.76	0.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.56	0.00	0.00	0.00	0.28	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	16.70	15.66	13.63	13.52	12.56	13.46	12.12	13.74	13.69	13.51	13.66	10.80	12.21	14.25	14.41	17.03	18.08	22.29	26.86	24.70	25.08	27.15	23.36	17.40
24190	0.03	0.07	0.03	0.07	0.10	0.04	0.05	-0.05	-0.05	-0.07	-0.03	0.03	0.02	-0.03	0.04	0.10	0.20	0.37	0.42	0.32	0.29	0.19	0.04	-0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.47	0.00	0.00	0.00	0.13	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	16.55	15.43	13.48	13.34	12.36	13.33	12.02	13.77	13.70	13.54	13.63	9.27	12.16	14.26	14.36	16.99	17.74	21.58	26.18	24.16	24.57	26.84	23.32	17.46
355683	-0.13	-0.15	-0.12	-0.11	-0.10	-0.10	-0.05	-0.02	-0.04	-0.04	-0.07	-0.04	-0.03	-0.01	-0.01	-0.06	-0.14	-0.24	-0.26	-0.22	-0.22	-0.12	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	16.70	15.66	13.63	13.52	12.56	13.46	12.12	13.74	13.69	13.51	13.66	10.80	12.21	14.25	14.41	17.03	18.08	22.29	26.86	24.70	25.08	27.15	23.36	17.40
23571	0.03	0.07	0.03	0.07	0.10	0.04	0.05	-0.05	-0.05	-0.07	-0.03	0.03	0.02	-0.03	0.04	0.10	0.20	0.37	0.42	0.32	0.29	0.19	0.04	-0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.47	0.00	0.00	0.00	0.13	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___2	16.70	15.66	13.63	13.52	12.56	13.46	12.12	13.74	13.69	13.51	13.66	10.80	12.21	14.25	14.41	17.03	18.08	22.29	26.86	24.70	25.08	27.15	23.36	17.40
23572	0.03	0.07	0.03	0.07	0.10	0.04	0.05	-0.05	-0.05	-0.07	-0.03	0.03	0.02	-0.03	0.04	0.10	0.20	0.37	0.42	0.32	0.29	0.19	0.04	-0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.47	0.00	0.00	0.00	0.13	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	16.70	15.66	13.63	13.52	12.56	13.46	12.12	13.74	13.69	13.51	13.66	10.80	12.21	14.25	14.41	17.03	18.08	22.29	26.86	24.70	25.08	27.15	23.36	17.40
23573	0.03	0.07	0.03	0.07	0.10	0.04	0.05	-0.05	-0.05	-0.07	-0.03	0.03	0.02	-0.03	0.04	0.10	0.20	0.37	0.42	0.32	0.29	0.19	0.04	-0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.47	0.00	0.00	0.00	0.13	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	16.70 0.03 0.00	15.66 0.07 0.00	13.63 0.03 0.00	13.52 0.07 0.00	12.56 0.10 0.00	13.46 0.04 0.00	12.12 0.05 0.00	13.74 -0.05 0.00	13.69 -0.05 0.00	13.51 -0.07 0.00	13.66 -0.03 0.00	10.80 0.03 -1.47	12.21 0.02 0.00	14.25 -0.03 0.00	14.41 0.04 0.00	17.03 0.10 0.13	18.08 0.20 0.00	22.29 0.37 -0.10	26.86 0.42 0.00	24.70 0.32 0.00	25.08 0.29 0.00	27.15 0.19 0.00	23.36 0.04 0.00	17.40 -0.04 0.00
ALBANY___LFGE 323615	16.88 0.20 0.00	15.82 0.24 0.00	13.76 0.16 0.00	13.65 0.20 0.00	12.67 0.21 0.00	13.59 0.16 0.00	12.23 0.16 0.00	13.88 0.09 0.00	13.82 0.08 0.00	13.64 0.06 0.00	13.80 0.11 0.00	10.88 0.12 -1.47	12.32 0.13 0.00	14.40 0.13 0.00	14.57 0.19 0.00	17.20 0.28 0.14	18.28 0.40 0.00	22.54 0.62 -0.10	27.15 0.72 0.00	24.98 0.60 0.00	25.36 0.57 0.00	27.45 0.49 0.00	23.62 0.29 0.00	17.58 0.14 0.00
ALCOA_PA_115KV_PL-6C 55860	16.60 -0.08 0.00	15.48 -0.10 0.00	13.53 -0.08 0.00	13.38 -0.06 0.00	12.40 -0.06 0.00	13.37 -0.05 0.00	12.07 -0.01 0.00	13.82 0.03 0.00	13.75 0.02 0.00	13.58 0.00 0.00	13.67 -0.02 0.00	9.30 0.00 0.00	12.19 0.00 0.00	14.31 0.04 0.00	14.41 0.03 0.00	17.04 -0.02 0.00	17.79 -0.09 0.00	21.64 -0.18 0.00	26.28 -0.16 0.00	24.26 -0.12 0.00	24.67 -0.12 0.00	26.94 -0.02 0.00	23.41 0.09 0.00	17.53 0.09 0.00
ALCOA_RYNLDS___DRP 24188	16.60 -0.08 0.00	15.48 -0.10 0.00	13.53 -0.08 0.00	13.38 -0.06 0.00	12.40 -0.06 0.00	13.37 -0.05 0.00	12.07 -0.01 0.00	13.82 0.03 0.00	13.75 0.02 0.00	13.58 0.00 0.00	13.67 -0.02 0.00	9.30 0.00 0.00	12.19 0.00 0.00	14.31 0.04 0.00	14.41 0.03 0.00	17.04 -0.02 0.00	17.79 -0.09 0.00	21.64 -0.18 0.00	26.28 -0.16 0.00	24.26 -0.12 0.00	24.67 -0.12 0.00	26.94 -0.02 0.00	23.41 0.09 0.00	17.53 0.09 0.00
ALCOA___DSASP 323711	16.60 -0.08 0.00	15.48 -0.10 0.00	13.53 -0.08 0.00	13.39 -0.06 0.00	12.40 -0.06 0.00	13.37 -0.05 0.00	12.07 -0.01 0.00	13.82 0.03 0.00	13.75 0.02 0.00	13.58 0.00 0.00	13.67 -0.02 0.00	9.30 0.00 0.00	12.19 0.00 0.00	14.31 0.04 0.00	14.41 0.03 0.00	17.04 -0.02 0.00	17.79 -0.09 0.00	21.64 -0.18 0.00	26.28 -0.16 0.00	24.26 -0.12 0.00	24.67 -0.12 0.00	26.94 -0.02 0.00	23.41 0.09 0.00	17.53 0.09 0.00
ALLEGHENY___COGEN 23514	17.61 0.93 0.00	16.35 0.77 0.00	14.28 0.68 0.00	14.02 0.57 0.00	13.03 0.57 0.00	14.16 0.73 0.00	12.72 0.65 0.00	14.55 0.76 0.00	14.48 0.74 0.00	14.28 0.70 0.00	14.04 0.35 0.00	9.37 0.07 0.00	12.27 0.08 0.00	14.30 0.03 0.00	14.35 -0.03 0.00	17.01 -0.04 0.00	18.12 0.24 0.00	22.01 0.18 -0.01	27.23 0.80 0.00	25.26 0.88 0.00	25.79 1.00 0.00	27.94 0.98 0.00	24.06 0.73 0.00	18.07 0.64 0.00
ALTAMONT_115KV_TB 2 55880	17.00 0.33 0.00	15.93 0.35 0.00	13.87 0.27 0.00	13.75 0.30 0.00	12.74 0.28 0.00	13.68 0.26 0.00	12.30 0.22 0.00	13.99 0.20 0.00	13.93 0.19 0.00	13.75 0.16 0.00	13.89 0.20 0.00	10.92 0.16 -1.45	12.39 0.20 0.00	14.50 0.23 0.00	14.65 0.27 0.00	17.33 0.37 0.09	18.35 0.47 0.00	22.60 0.68 -0.10	27.24 0.81 0.00	25.06 0.68 0.00	25.46 0.67 0.00	27.58 0.61 0.00	23.75 0.42 0.00	17.69 0.26 0.00
ALTONA_WT_PWR 323606	16.58 -0.09 0.00	15.53 -0.06 0.00	13.64 0.04 0.00	13.51 0.06 0.00	12.50 0.04 0.00	13.50 0.08 0.00	12.17 0.09 0.00	13.99 0.20 0.00	13.95 0.21 0.00	13.95 0.36 0.00	14.06 0.37 0.00	9.56 0.26 0.00	12.60 0.41 0.00	14.79 0.52 0.00	14.98 0.60 0.00	17.74 0.68 0.00	18.53 0.65 0.00	22.49 0.67 0.00	27.24 0.81 0.00	25.20 0.82 0.00	25.67 0.88 0.00	27.85 0.89 0.00	24.10 0.78 0.00	18.02 0.59 0.00
AMERICAN_REF_FUEL 24010	16.91 0.23 0.00	15.48 0.11 0.21	13.61 0.15 0.13	13.42 -0.02 0.00	12.49 0.02 0.00	13.55 0.21 0.08	11.94 0.09 0.22	13.88 0.09 0.00	13.65 -0.09 0.00	13.49 -0.09 0.00	13.46 -0.23 0.00	9.05 -0.25 0.00	11.84 -0.35 0.00	13.80 -0.47 0.00	13.82 -0.56 0.00	16.32 -0.73 0.00	17.15 -0.72 0.00	20.81 -1.01 -0.01	25.27 -1.16 0.00	23.10 -1.28 0.00	23.61 -1.18 0.00	25.66 -1.30 0.00	22.26 -1.06 0.00	16.94 -0.50 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	17.37 0.69 0.00	15.90 0.59 0.28	13.96 0.54 0.17	13.84 0.39 0.00	12.88 0.41 0.00	13.88 0.57 0.11	12.21 0.44 0.29	14.31 0.53 0.00	14.25 0.51 0.00	14.08 0.50 0.00	14.06 0.37 0.00	9.43 0.13 0.00	12.35 0.16 0.00	14.45 0.18 0.00	14.47 0.09 0.00	17.11 0.06 0.00	17.97 0.09 0.00	21.87 0.04 -0.01	26.55 0.11 0.00	24.36 -0.02 0.00	24.92 0.13 0.00	27.12 0.15 0.00	23.39 0.07 0.00	17.65 0.22 0.00
ARTHUR_KILL_GT_1 23520	17.26 0.59 0.00	16.06 0.48 0.00	14.03 0.43 0.01	13.98 0.52 0.00	12.93 0.46 0.00	13.86 0.44 0.00	12.45 0.38 0.00	14.23 0.44 0.00	14.25 0.51 0.00	14.06 0.48 0.00	14.25 0.56 0.01	13.98 0.51 -4.17	12.84 0.65 0.00	15.03 0.76 0.00	15.15 0.78 0.00	18.17 1.01 -0.11	18.92 1.05 0.00	23.23 1.33 -0.08	27.84 1.40 0.00	25.67 1.28 -0.01	26.10 1.30 -0.01	27.96 1.31 0.31	24.41 1.09 0.00	18.11 0.68 0.00
ARTHUR_KILL_2 23512	17.22 0.54 0.00	16.02 0.44 0.00	13.99 0.39 0.01	13.94 0.49 0.00	12.90 0.43 0.00	13.83 0.40 0.00	12.42 0.35 0.00	14.19 0.41 0.00	14.21 0.47 0.00	14.03 0.44 0.00	14.21 0.53 0.01	13.95 0.48 -4.17	12.81 0.62 0.00	14.99 0.72 0.00	15.11 0.74 0.00	18.12 0.96 -0.11	18.87 0.99 0.00	23.16 1.26 -0.08	27.75 1.31 0.00	25.58 1.19 -0.01	26.02 1.22 -0.01	27.87 1.23 0.31	24.34 1.01 0.00	18.06 0.62 0.00
ARTHUR_KILL_3 23513	17.26 0.59 0.00	16.08 0.49 0.00	14.05 0.45 0.00	13.93 0.48 0.00	12.88 0.41 0.00	13.82 0.39 0.00	12.40 0.33 0.00	14.17 0.38 0.00	14.20 0.46 0.00	14.08 0.49 0.00	14.27 0.58 0.00	12.73 0.42 -3.00	12.76 0.57 0.00	14.92 0.65 0.00	15.06 0.69 0.01	18.01 0.86 -0.10	18.77 0.89 0.00	23.02 1.12 -0.08	27.64 1.21 0.00	25.48 1.10 0.00	25.92 1.12 -0.01	27.78 1.13 0.32	24.24 0.91 0.00	17.98 0.55 0.00
ARTHUR_KILL_COGEN 323718	17.26 0.59 0.00	16.06 0.48 0.00	14.03 0.43 0.01	13.98 0.52 0.00	12.93 0.46 0.00	13.86 0.44 0.00	12.45 0.38 0.00	14.23 0.44 0.00	14.25 0.51 0.00	14.06 0.48 0.00	14.25 0.56 0.01	13.98 0.51 -4.17	12.84 0.65 0.00	15.03 0.76 0.00	15.15 0.78 0.00	18.17 1.01 -0.11	18.92 1.05 0.00	23.23 1.33 -0.08	27.84 1.40 0.00	25.67 1.28 -0.01	26.10 1.30 -0.01	27.96 1.31 0.31	24.41 1.09 0.00	18.11 0.68 0.00
ASHOKAN____ 23654	17.27 0.60 0.00	16.17 0.58 0.00	14.05 0.45 0.00	13.92 0.47 0.00	12.92 0.45 0.00	13.86 0.43 0.00	12.46 0.39 0.00	14.17 0.39 0.00	14.09 0.36 0.00	13.83 0.25 0.00	13.97 0.28 0.00	10.45 0.20 -0.95	12.49 0.30 0.00	14.57 0.30 0.00	14.87 0.50 0.00	17.86 0.84 0.03	18.85 0.98 0.00	23.27 1.36 -0.09	28.12 1.68 0.00	25.87 1.49 0.00	26.16 1.37 0.00	28.23 1.27 0.00	24.20 0.88 0.00	17.97 0.53 0.00

ASTORIA_EAST_ENERGY_CC1 323581	17.34 0.67 0.00	16.17 0.58 0.00	14.09 0.49 0.00	13.98 0.53 0.00	12.92 0.46 0.00	13.84 0.41 0.00	12.44 0.37 0.00	14.22 0.43 0.00	14.25 0.51 0.00	14.12 0.54 0.00	14.31 0.62 0.00	14.35 0.47 -4.58	12.81 0.62 0.01	15.00 0.73 0.01	15.13 0.77 0.01	18.09 0.94 -0.10	18.83 0.96 0.01	23.04 1.15 -0.07	27.71 1.28 0.00	25.55 1.16 0.00	25.97 1.18 0.00	28.19 1.23 0.00	24.37 1.04 0.00	18.04 0.61 0.00
ASTORIA_EAST_ENERGY_CC2 323582	17.34 0.67 0.00	16.17 0.58 0.00	14.09 0.49 0.00	13.98 0.53 0.00	12.92 0.46 0.00	13.84 0.41 0.00	12.44 0.37 0.00	14.22 0.43 0.00	14.25 0.51 0.00	14.12 0.54 0.00	14.31 0.62 0.00	14.35 0.47 -4.58	12.81 0.62 0.01	15.00 0.73 0.01	15.13 0.77 0.01	18.09 0.94 -0.10	18.83 0.96 0.01	23.04 1.15 -0.07	27.71 1.28 0.00	25.55 1.16 0.00	25.97 1.18 0.00	28.19 1.23 0.00	24.37 1.04 0.00	18.04 0.61 0.00
ASTORIA_GT2_1 24094	17.35 0.67 0.00	16.17 0.58 0.00	14.10 0.50 0.00	13.98 0.53 0.00	12.92 0.46 0.00	13.84 0.42 0.00	12.44 0.37 0.00	14.22 0.43 0.00	14.25 0.52 0.00	14.13 0.55 0.00	14.31 0.62 0.00	14.36 0.47 -4.59	12.82 0.63 0.00	15.01 0.73 0.00	15.15 0.77 0.00	18.10 0.94 -0.10	18.85 0.97 0.00	23.06 1.16 -0.08	27.72 1.28 0.00	25.55 1.17 0.00	25.98 1.19 0.00	28.21 1.25 0.00	24.37 1.05 0.00	18.04 0.61 0.00
ASTORIA_GT2_2 24095	17.35 0.67 0.00	16.17 0.58 0.00	14.10 0.50 0.00	13.98 0.53 0.00	12.92 0.46 0.00	13.84 0.42 0.00	12.44 0.37 0.00	14.22 0.43 0.00	14.25 0.52 0.00	14.13 0.55 0.00	14.31 0.62 0.00	14.36 0.47 -4.59	12.82 0.63 0.00	15.01 0.73 0.00	15.15 0.77 0.00	18.10 0.94 -0.10	18.85 0.97 0.00	23.06 1.16 -0.08	27.72 1.28 0.00	25.55 1.17 0.00	25.98 1.19 0.00	28.21 1.25 0.00	24.37 1.05 0.00	18.04 0.61 0.00
ASTORIA_GT2_3 24096	17.35 0.67 0.00	16.17 0.58 0.00	14.10 0.50 0.00	13.98 0.53 0.00	12.92 0.46 0.00	13.84 0.42 0.00	12.44 0.37 0.00	14.22 0.43 0.00	14.25 0.52 0.00	14.13 0.55 0.00	14.31 0.62 0.00	14.36 0.47 -4.59	12.82 0.63 0.00	15.01 0.73 0.00	15.15 0.77 0.00	18.10 0.94 -0.10	18.85 0.97 0.00	23.06 1.16 -0.08	27.72 1.28 0.00	25.55 1.17 0.00	25.98 1.19 0.00	28.21 1.25 0.00	24.37 1.05 0.00	18.04 0.61 0.00
ASTORIA_GT2_4 24097	17.35 0.67 0.00	16.17 0.58 0.00	14.10 0.50 0.00	13.98 0.53 0.00	12.92 0.46 0.00	13.84 0.42 0.00	12.44 0.37 0.00	14.22 0.43 0.00	14.25 0.52 0.00	14.13 0.55 0.00	14.31 0.62 0.00	14.36 0.47 -4.59	12.82 0.63 0.00	15.01 0.73 0.00	15.15 0.77 0.00	18.10 0.94 -0.10	18.85 0.97 0.00	23.06 1.16 -0.08	27.72 1.28 0.00	25.55 1.17 0.00	25.98 1.19 0.00	28.21 1.25 0.00	24.37 1.05 0.00	18.04 0.61 0.00
ASTORIA_GT3_1 24098	17.35 0.67 0.00	16.17 0.58 0.00	14.10 0.50 0.00	13.98 0.53 0.00	12.92 0.46 0.00	13.84 0.42 0.00	12.44 0.37 0.00	14.22 0.43 0.00	14.25 0.52 0.00	14.13 0.55 0.00	14.31 0.62 0.00	14.36 0.47 -4.59	12.82 0.63 0.00	15.01 0.73 0.00	15.15 0.77 0.00	18.10 0.94 -0.10	18.85 0.97 0.00	23.06 1.16 -0.08	27.72 1.28 0.00	25.55 1.17 0.00	25.98 1.19 0.00	28.21 1.25 0.00	24.37 1.05 0.00	18.04 0.61 0.00
ASTORIA_GT3_2 24099	17.35 0.67 0.00	16.17 0.58 0.00	14.10 0.50 0.00	13.98 0.53 0.00	12.92 0.46 0.00	13.84 0.42 0.00	12.44 0.37 0.00	14.22 0.43 0.00	14.25 0.52 0.00	14.13 0.55 0.00	14.31 0.62 0.00	14.36 0.47 -4.59	12.82 0.63 0.00	15.01 0.73 0.00	15.15 0.77 0.00	18.10 0.94 -0.10	18.85 0.97 0.00	23.06 1.16 -0.08	27.72 1.28 0.00	25.55 1.17 0.00	25.98 1.19 0.00	28.21 1.25 0.00	24.37 1.05 0.00	18.04 0.61 0.00
ASTORIA_GT3_3 24100	17.35 0.67 0.00	16.17 0.58 0.00	14.10 0.50 0.00	13.98 0.53 0.00	12.92 0.46 0.00	13.84 0.42 0.00	12.44 0.37 0.00	14.22 0.43 0.00	14.25 0.52 0.00	14.13 0.55 0.00	14.31 0.62 0.00	14.36 0.47 -4.59	12.82 0.63 0.00	15.01 0.73 0.00	15.15 0.77 0.00	18.10 0.94 -0.10	18.85 0.97 0.00	23.06 1.16 -0.08	27.72 1.28 0.00	25.55 1.17 0.00	25.98 1.19 0.00	28.21 1.25 0.00	24.37 1.05 0.00	18.04 0.61 0.00
ASTORIA_GT3_4 24101	17.35 0.67 0.00	16.17 0.58 0.00	14.10 0.50 0.00	13.98 0.53 0.00	12.92 0.46 0.00	13.84 0.42 0.00	12.44 0.37 0.00	14.22 0.43 0.00	14.25 0.52 0.00	14.13 0.55 0.00	14.31 0.62 0.00	14.36 0.47 -4.59	12.82 0.63 0.00	15.01 0.73 0.00	15.15 0.77 0.00	18.10 0.94 -0.10	18.85 0.97 0.00	23.06 1.16 -0.08	27.72 1.28 0.00	25.55 1.17 0.00	25.98 1.19 0.00	28.21 1.25 0.00	24.37 1.05 0.00	18.04 0.61 0.00
ASTORIA_GT4_1 24102	17.35 0.67 0.00	16.17 0.58 0.00	14.10 0.50 0.00	13.98 0.53 0.00	12.92 0.46 0.00	13.84 0.42 0.00	12.44 0.37 0.00	14.22 0.43 0.00	14.25 0.52 0.00	14.13 0.55 0.00	14.31 0.62 0.00	14.36 0.47 -4.59	12.82 0.63 0.00	15.01 0.73 0.00	15.15 0.77 0.00	18.10 0.94 -0.10	18.85 0.97 0.00	23.06 1.16 -0.08	27.72 1.28 0.00	25.55 1.17 0.00	25.98 1.19 0.00	28.21 1.25 0.00	24.37 1.05 0.00	18.04 0.61 0.00
ASTORIA_GT4_2 24103	17.35 0.67 0.00	16.17 0.58 0.00	14.10 0.50 0.00	13.98 0.53 0.00	12.92 0.46 0.00	13.84 0.42 0.00	12.44 0.37 0.00	14.22 0.43 0.00	14.25 0.52 0.00	14.13 0.55 0.00	14.31 0.62 0.00	14.36 0.47 -4.59	12.82 0.63 0.00	15.01 0.73 0.00	15.15 0.77 0.00	18.10 0.94 -0.10	18.85 0.97 0.00	23.06 1.16 -0.08	27.72 1.28 0.00	25.55 1.17 0.00	25.98 1.19 0.00	28.21 1.25 0.00	24.37 1.05 0.00	18.04 0.61 0.00
ASTORIA_GT4_3 24104	17.35 0.67 0.00	16.17 0.58 0.00	14.10 0.50 0.00	13.98 0.53 0.00	12.92 0.46 0.00	13.84 0.42 0.00	12.44 0.37 0.00	14.22 0.43 0.00	14.25 0.52 0.00	14.13 0.55 0.00	14.31 0.62 0.00	14.36 0.47 -4.59	12.82 0.63 0.00	15.01 0.73 0.00	15.15 0.77 0.00	18.10 0.94 -0.10	18.85 0.97 0.00	23.06 1.16 -0.08	27.72 1.28 0.00	25.55 1.17 0.00	25.98 1.19 0.00	28.21 1.25 0.00	24.37 1.05 0.00	18.04 0.61 0.00
ASTORIA_GT4_4 24105	17.35 0.67 0.00	16.17 0.58 0.00	14.10 0.50 0.00	13.98 0.53 0.00	12.92 0.46 0.00	13.84 0.42 0.00	12.44 0.37 0.00	14.22 0.43 0.00	14.25 0.52 0.00	14.13 0.55 0.00	14.31 0.62 0.00	14.36 0.47 -4.59	12.82 0.63 0.00	15.01 0.73 0.00	15.15 0.77 0.00	18.10 0.94 -0.10	18.85 0.97 0.00	23.06 1.16 -0.08	27.72 1.28 0.00	25.55 1.17 0.00	25.98 1.19 0.00	28.21 1.25 0.00	24.37 1.05 0.00	18.04 0.61 0.00
ASTORIA_GT_1 23523	17.38 0.70 0.00	16.20 0.61 0.00	14.12 0.52 0.00	14.00 0.56 0.00	12.94 0.48 0.00	13.86 0.44 0.00	12.46 0.39 0.00	14.25 0.46 0.00	14.28 0.54 0.00	14.15 0.57 0.00	14.34 0.64 0.00	14.37 0.49 -4.58	12.83 0.49 0.01	15.03 0.76 0.01	15.17 0.80 0.01	18.13 0.98 -0.10	18.88 1.01 0.01	23.10 1.21 -0.07	27.78 1.34 0.00	25.61 1.22 0.00	26.04 1.25 0.00	28.26 1.30 0.00	24.42 1.09 0.00	18.08 0.65 0.00

ASTORIA_GT_10 24110	17.40 0.73 0.00	16.21 0.62 0.00	14.14 0.54 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.91 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.30 0.56 0.00	14.17 0.59 0.00	14.37 0.68 0.00	14.39 0.50 -4.59	12.85 0.66 0.00	15.04 0.77 0.00	15.20 0.82 0.00	18.17 1.01 -0.10	18.93 1.06 0.00	23.18 1.29 -0.08	27.85 1.41 0.00	25.66 1.28 0.00	26.11 1.32 0.00	28.33 1.37 0.00	24.43 1.11 0.00	18.12 0.68 0.00
ASTORIA_GT_11 24225	17.40 0.73 0.00	16.21 0.62 0.00	14.14 0.54 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.91 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.30 0.56 0.00	14.17 0.59 0.00	14.37 0.68 0.00	14.39 0.50 -4.59	12.85 0.66 0.00	15.04 0.77 0.00	15.20 0.82 0.00	18.17 1.01 -0.10	18.93 1.06 0.00	23.18 1.29 -0.08	27.85 1.41 0.00	25.66 1.28 0.00	26.11 1.32 0.00	28.33 1.37 0.00	24.43 1.11 0.00	18.12 0.68 0.00
ASTORIA_GT_12 24226	17.40 0.73 0.00	16.21 0.62 0.00	14.14 0.54 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.91 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.30 0.56 0.00	14.17 0.59 0.00	14.37 0.68 0.00	14.39 0.50 -4.59	12.85 0.66 0.00	15.04 0.77 0.00	15.20 0.82 0.00	18.17 1.01 -0.10	18.93 1.06 0.00	23.18 1.29 -0.08	27.85 1.41 0.00	25.66 1.28 0.00	26.11 1.32 0.00	28.33 1.37 0.00	24.43 1.11 0.00	18.12 0.68 0.00
ASTORIA_GT_13 24227	17.40 0.73 0.00	16.21 0.62 0.00	14.14 0.54 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.91 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.30 0.56 0.00	14.17 0.59 0.00	14.37 0.68 0.00	14.39 0.50 -4.59	12.85 0.66 0.00	15.04 0.77 0.00	15.20 0.82 0.00	18.17 1.01 -0.10	18.93 1.06 0.00	23.18 1.29 -0.08	27.85 1.41 0.00	25.66 1.28 0.00	26.11 1.32 0.00	28.33 1.37 0.00	24.43 1.11 0.00	18.12 0.68 0.00
ASTORIA_GT_5 24106	17.38 0.70 0.00	16.20 0.61 0.00	14.12 0.52 0.00	14.00 0.56 0.00	12.94 0.48 0.00	13.86 0.44 0.00	12.46 0.39 0.00	14.25 0.46 0.00	14.28 0.54 0.00	14.15 0.57 0.00	14.34 0.64 0.00	14.37 0.49 -4.58	12.83 0.65 0.01	15.03 0.76 0.01	15.17 0.80 0.01	18.13 0.98 -0.10	18.88 1.01 0.01	23.10 1.21 -0.07	27.78 1.34 0.00	25.61 1.22 0.00	26.04 1.25 0.00	28.26 1.30 0.00	24.42 1.09 0.00	18.08 0.65 0.00
ASTORIA_GT_7 24107	17.38 0.70 0.00	16.20 0.61 0.00	14.12 0.52 0.00	14.00 0.56 0.00	12.94 0.48 0.00	13.86 0.44 0.00	12.46 0.39 0.00	14.25 0.46 0.00	14.28 0.54 0.00	14.15 0.57 0.00	14.34 0.64 0.00	14.37 0.49 -4.58	12.83 0.65 0.01	15.03 0.76 0.01	15.17 0.80 0.01	18.13 0.98 -0.10	18.88 1.01 0.01	23.10 1.21 -0.07	27.78 1.34 0.00	25.61 1.22 0.00	26.04 1.25 0.00	28.26 1.30 0.00	24.42 1.09 0.00	18.08 0.65 0.00
ASTORIA_GT_8 24108	17.38 0.70 0.00	16.20 0.62 0.00	14.12 0.52 0.00	14.00 0.56 0.00	12.94 0.48 0.00	13.87 0.44 0.00	12.47 0.39 0.00	14.25 0.46 0.00	14.28 0.54 0.00	14.15 0.57 0.00	14.34 0.64 0.00	14.38 0.49 -4.59	12.84 0.65 0.00	15.04 0.76 0.00	15.18 0.80 0.00	18.13 0.98 -0.10	18.88 1.01 0.00	23.10 1.21 -0.08	27.78 1.34 0.00	25.61 1.22 0.00	26.04 1.25 0.00	28.26 1.30 0.00	24.42 1.09 0.00	18.08 0.64 0.00
ASTORIA___2 24149	17.35 0.67 0.00	16.17 0.58 0.00	14.10 0.50 0.00	13.98 0.53 0.00	12.92 0.46 0.00	13.84 0.42 0.00	12.44 0.37 0.00	14.22 0.43 0.00	14.25 0.52 0.00	14.13 0.54 0.00	14.31 0.62 0.00	14.35 0.47 -4.58	12.81 0.63 0.01	15.00 0.73 0.01	15.14 0.77 0.01	18.09 0.94 -0.10	18.84 0.97 0.01	23.05 1.16 -0.07	27.72 1.29 0.00	25.56 1.17 0.00	25.99 1.19 0.00	28.20 1.24 0.00	24.37 1.05 0.00	18.05 0.61 0.00
ASTORIA___3 23516	17.40 0.73 0.00	16.21 0.62 0.00	14.14 0.54 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.91 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.30 0.56 0.00	14.17 0.59 0.00	14.37 0.68 0.00	14.39 0.50 -4.59	12.85 0.66 0.00	15.04 0.77 0.00	15.20 0.82 0.00	18.17 1.01 -0.10	18.93 1.06 0.00	23.18 1.29 -0.08	27.85 1.41 0.00	25.66 1.28 0.00	26.11 1.32 0.00	28.33 1.37 0.00	24.43 1.11 0.00	18.12 0.68 0.00
ASTORIA___4 23517	17.40 0.73 0.00	16.21 0.62 0.00	14.14 0.54 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.91 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.30 0.56 0.00	14.17 0.59 0.00	14.37 0.68 0.00	14.39 0.50 -4.59	12.85 0.66 0.00	15.04 0.77 0.00	15.20 0.82 0.00	18.17 1.01 -0.10	18.93 1.06 0.00	23.18 1.29 -0.08	27.85 1.41 0.00	25.66 1.28 0.00	26.11 1.32 0.00	28.33 1.37 0.00	24.43 1.11 0.00	18.12 0.68 0.00
ASTORIA___5 23518	17.40 0.73 0.00	16.21 0.62 0.00	14.14 0.54 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.91 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.30 0.56 0.00	14.17 0.59 0.00	14.37 0.68 0.00	14.39 0.50 -4.59	12.85 0.66 0.00	15.04 0.77 0.00	15.20 0.82 0.00	18.17 1.01 -0.10	18.93 1.05 0.00	23.18 1.29 -0.08	27.85 1.41 0.00	25.66 1.28 0.00	26.11 1.32 0.00	28.33 1.37 0.00	24.43 1.11 0.00	18.12 0.68 0.00
AST_ENERGY_2_CC3 323677	17.34 0.67 0.00	16.14 0.56 0.00	14.10 0.50 0.00	13.98 0.53 0.00	12.94 0.48 0.00	13.87 0.45 0.00	12.46 0.39 0.00	14.23 0.44 0.00	14.26 0.52 0.00	14.13 0.54 0.00	14.33 0.64 0.00	14.36 0.47 -4.59	12.82 0.62 0.00	14.99 0.71 0.00	15.14 0.76 0.00	18.09 0.94 -0.10	18.86 0.98 0.00	23.11 1.21 -0.08	27.74 1.31 0.00	25.57 1.19 0.00	26.00 1.21 0.00	28.20 1.24 0.00	24.32 1.00 0.00	18.06 0.62 0.00
AST_ENERGY_2_CC4 323678	17.34 0.67 0.00	16.14 0.56 0.00	14.10 0.50 0.00	13.98 0.53 0.00	12.94 0.48 0.00	13.87 0.45 0.00	12.46 0.39 0.00	14.23 0.44 0.00	14.26 0.52 0.00	14.13 0.54 0.00	14.33 0.64 0.00	14.36 0.47 -4.59	12.82 0.62 0.00	14.99 0.71 0.00	15.14 0.76 0.00	18.09 0.94 -0.10	18.86 0.98 0.00	23.11 1.21 -0.08	27.74 1.31 0.00	25.57 1.19 0.00	26.00 1.21 0.00	28.20 1.24 0.00	24.32 1.00 0.00	18.06 0.62 0.00
ATHENS_STG_1 23668	17.12 0.44 0.00	16.02 0.44 0.00	13.95 0.36 0.00	13.84 0.39 0.00	12.81 0.35 0.00	13.76 0.33 0.00	12.34 0.27 0.00	14.05 0.26 0.00	14.02 0.28 0.00	13.85 0.27 0.00	14.02 0.32 0.00	11.22 0.24 -1.67	12.50 0.31 0.00	14.63 0.36 0.00	14.77 0.40 0.00	17.59 0.52 -0.02	18.48 0.60 0.00	22.74 0.83 -0.09	27.37 0.93 0.00	25.17 0.79 0.00	25.58 0.79 0.00	27.72 0.76 0.00	23.87 0.55 0.00	17.77 0.34 0.00
ATHENS_STG_2 23670	17.12 0.44 0.00	16.02 0.44 0.00	13.95 0.36 0.00	13.84 0.39 0.00	12.81 0.35 0.00	13.76 0.33 0.00	12.34 0.27 0.00	14.05 0.26 0.00	14.02 0.28 0.00	13.85 0.27 0.00	14.02 0.32 0.00	11.22 0.24 -1.67	12.50 0.31 0.00	14.63 0.36 0.00	14.77 0.40 0.00	17.59 0.52 -0.02	18.48 0.60 0.00	22.74 0.83 -0.09	27.37 0.93 0.00	25.17 0.79 0.00	25.58 0.79 0.00	27.72 0.76 0.00	23.87 0.55 0.00	17.77 0.34 0.00

ATHENS_STG_3 23677	17.12 0.44 0.00	16.02 0.44 0.00	13.95 0.36 0.00	13.84 0.39 0.00	12.81 0.35 0.00	13.76 0.33 0.00	12.34 0.27 0.00	14.05 0.26 0.00	14.02 0.28 0.00	13.85 0.27 0.00	14.02 0.32 0.00	11.22 0.24 -1.67	12.50 0.31 0.00	14.63 0.36 0.00	14.77 0.40 0.00	17.59 0.52 -0.02	18.48 0.60 0.00	22.74 0.83 -0.09	27.37 0.93 0.00	25.17 0.79 0.00	25.58 0.79 0.00	27.72 0.76 0.00	23.87 0.55 0.00	17.77 0.34 0.00
AUBURN____LFGE 323710	16.93 0.25 0.00	15.87 0.28 0.00	13.85 0.25 0.00	13.60 0.15 0.00	12.66 0.19 0.00	13.67 0.25 0.00	12.28 0.21 0.00	14.03 0.25 0.00	14.01 0.27 0.00	13.81 0.23 0.00	13.93 0.24 0.00	9.40 0.10 0.00	12.36 0.17 0.00	14.44 0.17 0.00	14.52 0.14 0.00	17.15 0.10 0.00	18.06 0.18 0.00	22.09 0.26 0.00	26.95 0.51 0.00	24.89 0.51 0.00	25.25 0.46 0.00	27.32 0.36 0.00	23.63 0.31 0.00	17.62 0.19 0.00
BABYLON_RES_REC 323704	20.05 1.17 -2.20	16.61 1.02 0.00	14.43 0.83 0.00	14.32 0.87 0.00	13.24 0.78 0.00	14.22 0.79 0.00	12.76 0.69 0.00	14.62 0.83 0.00	14.58 0.84 0.00	14.40 0.82 0.00	14.55 0.86 0.00	14.48 0.61 -4.56	13.01 0.82 0.00	15.26 0.97 -0.01	21.41 0.99 -6.04	38.67 1.25 -20.37	28.70 1.35 -9.48	24.38 1.77 -0.80	28.43 2.00 0.00	33.88 1.88 -7.62	35.24 1.83 -8.62	38.07 1.96 -9.15	36.65 1.57 -11.76	24.35 1.13 -5.78
BABYLON__69_KV_BK2 356345	20.21 1.39 -2.15	16.80 1.21 0.00	14.59 0.99 0.00	14.48 1.03 0.00	13.39 0.93 0.00	14.38 0.95 0.00	12.90 0.83 0.00	14.78 0.99 0.00	14.75 1.01 0.00	14.56 0.98 0.00	14.72 1.03 0.00	14.59 0.73 -4.56	13.17 0.98 0.00	15.44 1.16 -0.01	21.48 1.19 -5.92	38.48 1.50 -19.93	28.75 1.60 -9.27	24.67 2.07 -0.78	28.78 2.35 0.00	34.04 2.21 -7.45	35.39 2.16 -8.44	38.26 2.35 -8.95	36.73 1.90 -11.51	24.46 1.37 -5.66
BALL_HILL_WT_PWR 323825	17.16 0.48 0.00	15.97 0.39 0.00	13.97 0.37 0.00	13.68 0.23 0.00	12.72 0.26 0.00	13.82 0.40 0.00	12.36 0.28 0.00	14.13 0.34 0.00	14.05 0.31 0.00	13.88 0.30 0.00	13.86 0.17 0.00	9.30 0.00 0.00	12.17 -0.02 0.00	14.23 -0.04 0.00	14.26 -0.12 0.00	16.87 -0.18 0.00	17.72 -0.16 0.00	21.54 -0.29 -0.01	26.15 -0.29 0.00	23.98 -0.40 0.00	24.50 -0.29 0.00	26.67 -0.29 0.00	23.06 -0.26 0.00	17.44 0.00 0.00
BARON_WINDS____WT_PWR 323822	17.01 0.34 0.00	15.98 0.27 -0.12	13.92 0.25 -0.08	13.63 0.18 0.00	12.68 0.21 0.00	13.75 0.28 -0.05	12.43 0.23 -0.13	14.07 0.27 0.00	14.04 0.30 0.00	13.88 0.30 0.00	13.88 0.18 0.00	9.32 0.02 0.00	12.21 0.02 0.00	14.26 -0.01 0.00	14.31 -0.07 0.00	16.96 -0.09 0.00	17.86 -0.02 0.00	21.76 -0.07 -0.01	26.42 -0.02 0.00	24.40 0.02 0.00	24.88 0.08 0.00	27.04 0.08 0.00	23.33 0.01 0.00	17.55 0.11 0.00
BARRETT_IC_1 23704	36.22 0.97 -18.57	16.50 0.87 -0.04	14.34 0.74 -0.01	14.23 0.78 0.00	13.16 0.69 0.00	14.13 0.70 0.00	12.68 0.61 0.00	14.51 0.72 0.00	14.49 0.75 -0.01	14.34 0.75 -0.01	14.47 0.78 0.00	14.41 0.55 -4.56	12.93 0.74 0.00	15.26 0.89 -0.09	26.48 0.89 -11.21	89.64 1.05 -71.54	38.32 1.16 -19.28	30.91 1.51 -7.58	28.12 1.68 -0.01	62.38 1.52 -36.48	92.74 1.40 -66.55	68.60 1.59 -40.05	59.00 1.23 -34.45	75.12 0.90 -56.79
BARRETT_IC_10 23701	36.22 0.97 -18.57	16.50 0.87 -0.04	14.34 0.74 -0.01	14.23 0.78 0.00	13.16 0.69 0.00	14.13 0.70 0.00	12.68 0.61 0.00	14.51 0.72 0.00	14.49 0.75 -0.01	14.34 0.75 -0.01	14.47 0.78 0.00	14.41 0.55 -4.56	12.93 0.74 0.00	15.20 0.89 -0.03	22.62 0.89 -7.36	52.10 1.05 -34.00	31.03 1.16 -12.00	25.97 1.51 -2.64	28.11 1.68 0.00	41.26 1.52 -15.36	50.47 1.40 -24.27	47.04 1.59 -18.49	56.83 1.23 -32.28	75.12 0.90 -56.79
BARRETT_IC_11 23702	36.22 0.97 -18.57	16.50 0.87 -0.04	14.34 0.74 -0.01	14.23 0.78 0.00	13.16 0.69 0.00	14.13 0.70 0.00	12.68 0.61 0.00	14.51 0.72 0.00	14.49 0.75 -0.01	14.34 0.75 -0.01	14.47 0.78 0.00	14.41 0.55 -4.56	12.93 0.74 0.00	15.20 0.89 -0.03	22.62 0.89 -7.36	52.10 1.05 -34.00	31.03 1.16 -12.00	25.97 1.51 -2.64	28.11 1.68 0.00	41.26 1.52 -15.36	50.47 1.40 -24.27	47.04 1.59 -18.49	56.83 1.23 -32.28	75.12 0.90 -56.79
BARRETT_IC_12 23703	36.22 0.97 -18.57	16.50 0.87 -0.04	14.34 0.74 -0.01	14.23 0.78 0.00	13.16 0.69 0.00	14.13 0.70 0.00	12.68 0.61 0.00	14.51 0.72 0.00	14.49 0.75 -0.01	14.34 0.75 -0.01	14.47 0.78 0.00	14.41 0.55 -4.56	12.93 0.74 0.00	15.20 0.89 -0.03	22.62 0.89 -7.36	52.10 1.05 -34.00	31.03 1.16 -12.00	25.97 1.51 -2.64	28.11 1.68 0.00	41.26 1.52 -15.36	50.47 1.40 -24.27	47.04 1.59 -18.49	56.83 1.23 -32.28	75.12 0.90 -56.79
BARRETT_IC_2 23705	36.22 0.97 -18.57	16.50 0.87 -0.04	14.34 0.74 -0.01	14.23 0.78 0.00	13.16 0.69 0.00	14.13 0.70 0.00	12.68 0.61 0.00	14.51 0.72 0.00	14.49 0.75 -0.01	14.34 0.75 -0.01	14.47 0.78 0.00	14.41 0.55 -4.56	12.93 0.74 0.00	15.26 0.89 -0.09	26.48 0.89 -11.21	89.64 1.05 -71.54	38.32 1.16 -19.28	30.91 1.51 -7.58	28.12 1.68 -0.01	62.38 1.52 -36.48	92.74 1.40 -66.55	68.60 1.59 -40.05	59.00 1.23 -34.45	75.12 0.90 -56.79
BARRETT_IC_3 23706	36.22 0.97 -18.57	16.50 0.87 -0.04	14.34 0.74 -0.01	14.23 0.78 0.00	13.16 0.69 0.00	14.13 0.70 0.00	12.68 0.61 0.00	14.51 0.72 0.00	14.49 0.75 -0.01	14.34 0.75 -0.01	14.47 0.78 0.00	14.41 0.55 -4.56	12.93 0.74 0.00	15.26 0.89 -0.09	26.48 0.89 -11.21	89.64 1.05 -71.54	38.32 1.16 -19.28	30.91 1.51 -7.58	28.12 1.68 -0.01	62.38 1.52 -36.48	92.74 1.40 -66.55	68.60 1.59 -40.05	59.00 1.23 -34.45	75.12 0.90 -56.79
BARRETT_IC_4 23707	36.22 0.97 -18.57	16.50 0.87 -0.04	14.34 0.74 -0.01	14.23 0.78 0.00	13.16 0.69 0.00	14.13 0.70 0.00	12.68 0.61 0.00	14.51 0.72 0.00	14.49 0.75 -0.01	14.34 0.75 -0.01	14.47 0.78 0.00	14.41 0.55 -4.56	12.93 0.74 0.00	15.26 0.89 -0.09	26.48 0.89 -11.21	89.64 1.05 -71.54	38.32 1.16 -19.28	30.91 1.51 -7.58	28.12 1.68 -0.01	62.38 1.52 -36.48	92.74 1.40 -66.55	68.60 1.59 -40.05	59.00 1.23 -34.45	75.12 0.90 -56.79
BARRETT_IC_5 23708	36.22 0.97 -18.57	16.50 0.87 -0.04	14.34 0.74 -0.01	14.23 0.78 0.00	13.16 0.69 0.00	14.13 0.70 0.00	12.68 0.61 0.00	14.51 0.72 0.00	14.49 0.75 -0.01	14.34 0.75 -0.01	14.47 0.78 0.00	14.41 0.55 -4.56	12.93 0.74 0.00	15.26 0.89 -0.09	26.48 0.89 -11.21	89.64 1.05 -71.54	38.32 1.16 -19.28	30.91 1.51 -7.58	28.12 1.68 -0.01	62.38 1.52 -36.48	92.74 1.40 -66.55	68.60 1.59 -40.05	59.00 1.23 -34.45	75.12 0.90 -56.79
BARRETT_IC_6 23709	36.22 0.97 -18.57	16.50 0.87 -0.04	14.34 0.74 -0.01	14.23 0.78 0.00	13.16 0.69 0.00	14.13 0.70 0.00	12.68 0.61 0.00	14.51 0.72 0.00	14.49 0.75 -0.01	14.34 0.75 -0.01	14.47 0.78 0.00	14.41 0.55 -4.56	12.93 0.74 0.00	15.26 0.89 -0.09	26.48 0.89 -11.21	89.64 1.05 -71.54	38.32 1.16 -19.28	30.91 1.51 -7.58	28.12 1.68 -0.01	62.38 1.52 -36.48	92.74 1.40 -66.55	68.60 1.59 -40.05	59.00 1.23 -34.45	75.12 0.90 -56.79

BARRETT_IC_7 23710	36.22 0.97 -18.57	16.49 0.87 -0.04	14.33 0.74 0.00	14.23 0.78 0.00	13.16 0.69 0.00	14.13 0.70 0.00	12.68 0.61 0.00	14.51 0.72 0.00	14.49 0.75 0.00	14.33 0.75 0.00	14.47 0.78 0.00	14.41 0.55 -4.56	12.93 0.74 0.00	15.26 0.89 -0.09	26.48 0.89 -11.21	89.64 1.06 -71.54	38.32 1.16 -19.28	30.91 1.51 -7.58	28.12 1.68 -0.01	62.38 1.52 -36.48	92.74 1.40 -66.55	68.60 1.59 -40.05	59.00 1.23 -34.45	75.12 0.90 -56.79
BARRETT_IC_8 23711	36.22 0.97 -18.57	16.50 0.87 -0.04	14.34 0.74 -0.01	14.23 0.78 0.00	13.16 0.69 0.00	14.13 0.70 0.00	12.68 0.61 0.00	14.51 0.72 0.00	14.49 0.75 -0.01	14.34 0.75 -0.01	14.47 0.78 0.00	14.41 0.55 -4.56	12.93 0.74 0.00	15.26 0.89 -0.09	26.48 0.89 -11.21	89.64 1.05 -71.54	38.32 1.16 -19.28	30.91 1.51 -7.58	28.12 1.68 -0.01	62.38 1.52 -36.48	92.74 1.40 -66.55	68.60 1.59 -40.05	59.00 1.23 -34.45	75.12 0.90 -56.79
BARRETT_IC_9 23700	36.22 0.97 -18.57	16.50 0.87 -0.04	14.34 0.74 -0.01	14.23 0.78 0.00	13.16 0.69 0.00	14.13 0.70 0.00	12.68 0.61 0.00	14.51 0.72 0.00	14.49 0.75 -0.01	14.34 0.75 -0.01	14.47 0.78 0.00	14.41 0.55 -4.56	12.93 0.74 0.00	15.20 0.89 -0.03	22.62 0.89 -7.36	52.10 1.05 -34.00	31.03 1.16 -12.00	25.97 1.51 -2.64	28.11 1.68 0.00	41.26 1.52 -15.36	50.47 1.40 -24.27	47.04 1.59 -18.49	56.83 1.23 -32.28	75.12 0.90 -56.79
BARRETT___1 23545	36.22 0.97 -18.57	16.50 0.87 -0.04	14.34 0.74 -0.01	14.23 0.78 0.00	13.16 0.69 0.00	14.13 0.70 0.00	12.68 0.61 0.00	14.51 0.72 0.00	14.49 0.75 -0.01	14.34 0.75 -0.01	14.47 0.78 0.00	14.41 0.55 -4.56	12.93 0.74 0.00	15.26 0.89 -0.09	26.48 0.89 -11.21	89.64 1.05 -71.54	38.32 1.16 -19.28	30.91 1.51 -7.58	28.12 1.68 -0.01	62.38 1.52 -36.48	92.74 1.40 -66.55	68.60 1.59 -40.05	59.00 1.23 -34.45	75.12 0.90 -56.79
BARRETT___2 23546	36.22 0.97 -18.57	16.50 0.87 -0.04	14.34 0.74 -0.01	14.23 0.78 0.00	13.16 0.69 0.00	14.13 0.70 0.00	12.68 0.61 0.00	14.51 0.72 0.00	14.49 0.75 -0.01	14.34 0.75 -0.01	14.47 0.78 0.00	14.41 0.55 -4.56	12.93 0.74 0.00	15.20 0.89 -0.03	22.62 0.89 -7.36	52.10 1.05 -34.00	31.03 1.16 -12.00	25.97 1.51 -2.64	28.11 1.68 0.00	41.26 1.52 -15.36	50.47 1.40 -24.27	47.04 1.59 -18.49	56.83 1.23 -32.28	75.12 0.90 -56.79
BATAVIA___115KV_TB1 55881	17.39 0.71 0.00	16.15 0.56 0.00	14.13 0.53 0.00	13.81 0.36 0.00	12.85 0.38 0.00	13.99 0.57 0.00	12.51 0.44 0.00	14.29 0.51 0.00	14.15 0.41 0.00	13.97 0.39 0.00	13.92 0.23 0.00	9.35 0.05 0.00	12.26 0.07 0.00	14.32 0.04 0.00	14.32 -0.06 0.00	16.89 -0.15 0.00	17.90 0.03 0.00	21.87 0.04 0.00	26.70 0.26 0.00	24.51 0.13 0.00	25.01 0.22 0.00	27.07 0.11 0.00	23.41 0.09 0.00	17.70 0.27 0.00
BAYONEEC___CTG1 323682	17.35 0.67 0.00	16.15 0.57 0.00	14.10 0.51 0.00	13.99 0.54 0.00	12.94 0.48 0.00	13.88 0.45 0.00	12.46 0.39 0.00	14.23 0.44 0.00	14.26 0.53 0.00	14.13 0.55 0.00	14.34 0.65 -4.59	14.36 0.47 0.00	12.81 0.62 0.00	14.99 0.72 0.00	15.14 0.76 0.00	18.10 0.94 -0.10	18.86 0.98 0.00	23.13 1.23 -0.08	27.77 1.33 0.00	25.60 1.21 0.00	26.02 1.23 0.00	28.22 1.26 0.00	24.34 1.01 0.00	18.07 0.63 0.00
BAYONEEC___CTG10 323750	17.35 0.67 0.00	16.15 0.57 0.00	14.10 0.51 0.00	13.99 0.54 0.00	12.94 0.48 0.00	13.88 0.45 0.00	12.46 0.39 0.00	14.23 0.44 0.00	14.26 0.53 0.00	14.13 0.55 0.00	14.34 0.65 -4.59	14.36 0.47 0.00	12.81 0.62 0.00	14.99 0.72 0.00	15.14 0.76 0.00	18.10 0.94 -0.10	18.86 0.98 0.00	23.13 1.23 -0.08	27.77 1.33 0.00	25.60 1.21 0.00	26.02 1.23 0.00	28.22 1.26 0.00	24.34 1.01 0.00	18.07 0.63 0.00
BAYONEEC___CTG2 323683	17.35 0.67 0.00	16.15 0.57 0.00	14.10 0.51 0.00	13.99 0.54 0.00	12.94 0.48 0.00	13.88 0.45 0.00	12.46 0.39 0.00	14.23 0.44 0.00	14.26 0.53 0.00	14.13 0.55 0.00	14.34 0.65 -4.59	14.36 0.47 0.00	12.81 0.62 0.00	14.99 0.72 0.00	15.14 0.76 0.00	18.10 0.94 -0.10	18.86 0.98 0.00	23.13 1.23 -0.08	27.77 1.33 0.00	25.60 1.21 0.00	26.02 1.23 0.00	28.22 1.26 0.00	24.34 1.01 0.00	18.07 0.63 0.00
BAYONEEC___CTG3 323684	17.35 0.67 0.00	16.15 0.57 0.00	14.10 0.51 0.00	13.99 0.54 0.00	12.94 0.48 0.00	13.88 0.45 0.00	12.46 0.39 0.00	14.23 0.44 0.00	14.26 0.53 0.00	14.13 0.55 0.00	14.34 0.65 -4.59	14.36 0.47 0.00	12.81 0.62 0.00	14.99 0.72 0.00	15.14 0.76 0.00	18.10 0.94 -0.10	18.86 0.98 0.00	23.13 1.23 -0.08	27.77 1.33 0.00	25.60 1.21 0.00	26.02 1.23 0.00	28.22 1.26 0.00	24.34 1.01 0.00	18.07 0.63 0.00
BAYONEEC___CTG4 323685	17.35 0.67 0.00	16.15 0.57 0.00	14.10 0.51 0.00	13.99 0.54 0.00	12.94 0.48 0.00	13.88 0.45 0.00	12.46 0.39 0.00	14.23 0.44 0.00	14.26 0.53 0.00	14.13 0.55 0.00	14.34 0.65 -4.59	14.36 0.47 0.00	12.81 0.62 0.00	14.99 0.72 0.00	15.14 0.76 0.00	18.10 0.94 -0.10	18.86 0.98 0.00	23.13 1.23 -0.08	27.77 1.33 0.00	25.60 1.21 0.00	26.02 1.23 0.00	28.22 1.26 0.00	24.34 1.01 0.00	18.07 0.63 0.00
BAYONEEC___CTG5 323686	17.35 0.67 0.00	16.15 0.57 0.00	14.10 0.51 0.00	13.99 0.54 0.00	12.94 0.48 0.00	13.88 0.45 0.00	12.46 0.39 0.00	14.23 0.44 0.00	14.26 0.53 0.00	14.13 0.55 0.00	14.34 0.65 -4.59	14.36 0.47 0.00	12.81 0.62 0.00	14.99 0.72 0.00	15.14 0.76 0.00	18.10 0.94 -0.10	18.86 0.98 0.00	23.13 1.23 -0.08	27.77 1.33 0.00	25.60 1.21 0.00	26.02 1.23 0.00	28.22 1.26 0.00	24.34 1.01 0.00	18.07 0.63 0.00
BAYONEEC___CTG6 323687	17.35 0.67 0.00	16.15 0.57 0.00	14.10 0.51 0.00	13.99 0.54 0.00	12.94 0.48 0.00	13.88 0.45 0.00	12.46 0.39 0.00	14.23 0.44 0.00	14.26 0.53 0.00	14.13 0.55 0.00	14.34 0.65 -4.59	14.36 0.47 0.00	12.81 0.62 0.00	14.99 0.72 0.00	15.14 0.76 0.00	18.10 0.94 -0.10	18.86 0.98 0.00	23.13 1.23 -0.08	27.77 1.33 0.00	25.60 1.21 0.00	26.02 1.23 0.00	28.22 1.26 0.00	24.34 1.01 0.00	18.07 0.63 0.00
BAYONEEC___CTG7 323688	17.35 0.67 0.00	16.15 0.57 0.00	14.10 0.51 0.00	13.99 0.54 0.00	12.94 0.48 0.00	13.88 0.45 0.00	12.46 0.39 0.00	14.23 0.44 0.00	14.26 0.53 0.00	14.13 0.55 0.00	14.34 0.65 -4.59	14.36 0.47 0.00	12.81 0.62 0.00	14.99 0.72 0.00	15.14 0.76 0.00	18.10 0.94 -0.10	18.86 0.98 0.00	23.13 1.23 -0.08	27.77 1.33 0.00	25.60 1.21 0.00	26.02 1.23 0.00	28.22 1.26 0.00	24.34 1.01 0.00	18.07 0.63 0.00
BAYONEEC___CTG8 323689	17.35 0.67 0.00	16.15 0.57 0.00	14.10 0.51 0.00	13.99 0.54 0.00	12.94 0.48 0.00	13.88 0.45 0.00	12.46 0.39 0.00	14.23 0.44 0.00	14.26 0.53 0.00	14.13 0.55 0.00	14.34 0.65 -4.59	14.36 0.47 0.00	12.81 0.62 0.00	14.99 0.72 0.00	15.14 0.76 0.00	18.10 0.94 -0.10	18.86 0.98 0.00	23.13 1.23 -0.08	27.77 1.33 0.00	25.60 1.21 0.00	26.02 1.23 0.00	28.22 1.26 0.00	24.34 1.01 0.00	18.07 0.63 0.00

BAYONEEC___CTG9 323749	17.35 0.67 0.00	16.15 0.57 0.00	14.10 0.51 0.00	13.99 0.54 0.00	12.94 0.48 0.00	13.88 0.45 0.00	12.46 0.39 0.00	14.23 0.44 0.00	14.26 0.53 0.00	14.13 0.55 0.00	14.34 0.65 0.00	14.36 0.47 -4.59	12.81 0.62 0.00	14.99 0.72 0.00	15.14 0.76 0.00	18.10 0.94 -0.10	18.86 0.98 0.00	23.13 1.23 -0.08	27.77 1.33 0.00	25.60 1.21 0.00	26.02 1.23 0.00	28.22 1.26 0.00	24.34 1.01 0.00	18.07 0.63 0.00
BEACON___LESR 323632	16.93 0.26 0.00	15.86 0.28 0.00	13.78 0.19 0.00	13.67 0.22 0.00	12.68 0.22 0.00	13.61 0.19 0.00	12.28 0.20 0.00	13.94 0.15 0.00	13.88 0.15 0.00	13.69 0.11 0.00	13.86 0.17 0.00	10.91 0.13 -1.47	12.37 0.18 0.00	14.44 0.16 0.00	14.62 0.24 0.00	17.28 0.36 0.13	18.40 0.52 0.00	22.71 0.79 -0.10	27.36 0.92 0.00	25.19 0.81 0.00	25.48 0.69 0.00	27.62 0.66 0.00	23.73 0.40 0.00	17.65 0.21 0.00
BEAVER RIVER___HYD 24048	16.50 -0.17 0.00	15.64 0.06 0.00	13.71 0.11 0.00	13.51 0.06 0.00	12.48 0.02 0.00	13.50 0.07 0.00	12.21 0.13 0.00	13.93 0.14 0.00	13.87 0.13 0.00	13.68 0.10 0.00	13.74 0.05 0.00	9.41 0.10 0.00	12.29 0.11 0.00	14.37 0.10 0.00	14.40 0.02 0.00	17.04 -0.01 0.00	17.93 0.06 0.00	22.00 0.18 0.00	27.00 0.56 0.00	24.95 0.57 0.00	25.35 0.55 0.00	27.51 0.55 0.00	23.73 0.41 0.00	17.70 0.26 0.00
BEEBEE_GT_13 23619	17.03 0.35 0.00	15.83 0.25 0.00	13.84 0.24 0.00	13.58 0.13 0.00	12.61 0.15 0.00	13.69 0.27 0.00	12.27 0.20 0.00	14.01 0.22 0.00	13.92 0.18 0.00	13.77 0.19 0.00	13.78 0.08 0.00	9.26 -0.04 0.00	12.13 -0.05 0.00	14.18 -0.10 0.00	14.24 -0.14 0.00	16.85 -0.21 0.00	17.74 -0.13 0.00	21.59 -0.23 0.00	26.24 -0.19 0.00	24.09 -0.29 0.00	24.55 -0.24 0.00	26.66 -0.30 0.00	23.04 -0.28 0.00	17.37 -0.06 0.00
BENSHRST_27_KV_BENSHRST_1 355998	17.43 0.76 0.00	16.22 0.63 0.00	14.15 0.55 0.00	14.05 0.60 0.00	13.00 0.54 0.00	13.94 0.52 0.00	12.52 0.45 0.00	14.32 0.53 0.00	14.35 0.61 0.00	14.21 0.62 0.00	14.40 0.71 0.00	14.38 0.58 -4.50	12.96 0.77 0.00	15.17 0.90 0.00	15.31 0.94 0.00	18.33 1.18 -0.10	19.10 1.22 0.00	23.41 1.51 -0.08	28.10 1.66 0.00	25.91 1.52 -0.01	26.35 1.55 -0.01	28.51 1.62 0.07	24.63 1.31 0.00	18.27 0.84 0.00
BETHLEHEM___GRP 23843	16.70 0.03 0.00	15.66 0.07 0.00	13.63 0.03 0.00	13.52 0.07 0.00	12.56 0.10 0.00	13.46 0.04 0.00	12.12 0.05 0.00	13.74 -0.05 0.00	13.69 -0.05 0.00	13.51 -0.07 0.00	13.66 -0.03 0.00	10.80 0.03 -1.47	12.21 0.02 0.00	14.25 -0.03 0.00	14.41 0.04 0.00	17.03 0.10 0.13	18.08 0.20 0.00	22.29 0.37 -0.10	26.86 0.42 0.00	24.70 0.32 0.00	25.08 0.29 0.00	27.15 0.19 0.00	23.36 0.04 0.00	17.40 -0.04 0.00
BETHLEHEM___GS1 323560	16.70 0.03 0.00	15.66 0.08 0.00	13.63 0.03 0.00	13.52 0.07 0.00	12.56 0.10 0.00	13.46 0.03 0.00	12.12 0.05 0.00	13.74 -0.05 0.00	13.69 -0.05 0.00	13.51 -0.07 0.00	13.66 -0.03 0.00	10.80 0.03 -1.47	12.21 0.02 0.00	14.25 -0.03 0.00	14.41 0.04 0.00	17.03 0.10 0.13	18.08 0.20 0.00	22.29 0.37 -0.10	26.86 0.42 0.00	24.70 0.32 0.00	25.08 0.29 0.00	27.15 0.19 0.00	23.36 0.04 0.00	17.40 -0.04 0.00
BETHLEHEM___GS2 323561	16.70 0.03 0.00	15.66 0.08 0.00	13.63 0.03 0.00	13.52 0.07 0.00	12.56 0.10 0.00	13.46 0.03 0.00	12.12 0.05 0.00	13.74 -0.05 0.00	13.69 -0.05 0.00	13.51 -0.07 0.00	13.66 -0.03 0.00	10.80 0.03 -1.47	12.21 0.02 0.00	14.25 -0.03 0.00	14.41 0.04 0.00	17.03 0.10 0.13	18.08 0.20 0.00	22.29 0.37 -0.10	26.86 0.42 0.00	24.70 0.32 0.00	25.08 0.29 0.00	27.15 0.19 0.00	23.36 0.04 0.00	17.40 -0.04 0.00
BETHLEHEM___GS3 323562	16.70 0.03 0.00	15.66 0.08 0.00	13.63 0.03 0.00	13.52 0.07 0.00	12.56 0.10 0.00	13.46 0.03 0.00	12.12 0.05 0.00	13.74 -0.05 0.00	13.69 -0.05 0.00	13.51 -0.07 0.00	13.66 -0.03 0.00	10.80 0.03 -1.47	12.21 0.02 0.00	14.25 -0.03 0.00	14.41 0.04 0.00	17.03 0.10 0.13	18.08 0.20 0.00	22.29 0.37 -0.10	26.86 0.42 0.00	24.70 0.32 0.00	25.08 0.29 0.00	27.15 0.19 0.00	23.36 0.04 0.00	17.40 -0.04 0.00
BETHLEHEM___STEEL 23779	17.19 0.51 0.00	15.98 0.40 0.00	13.98 0.38 0.00	13.67 0.22 0.00	12.71 0.25 0.00	13.84 0.41 0.00	12.37 0.30 0.00	14.13 0.34 0.00	14.01 0.27 0.00	13.86 0.28 0.00	13.83 0.14 0.00	9.29 -0.01 0.00	12.16 -0.03 0.00	14.20 -0.07 0.00	14.23 -0.15 0.00	16.81 -0.24 0.00	17.67 -0.20 0.00	21.48 -0.35 -0.01	26.08 -0.36 0.00	23.88 -0.50 0.00	24.40 -0.39 0.00	26.53 -0.43 0.00	22.97 -0.36 0.00	17.40 -0.04 0.00
BETHLHEM_115KV_TB1 79974	16.77 0.09 0.00	15.72 0.14 0.00	13.68 0.08 0.00	13.57 0.12 0.00	12.60 0.14 0.00	13.51 0.08 0.00	12.16 0.08 0.00	13.79 0.01 0.00	13.73 -0.01 0.00	13.56 -0.02 0.00	13.71 0.02 0.00	10.83 0.06 -1.47	12.25 0.06 0.00	14.30 0.03 0.00	14.47 0.09 0.00	17.08 0.15 0.12	18.14 0.26 0.00	22.36 0.44 -0.10	26.93 0.50 0.00	24.78 0.39 0.00	25.15 0.36 0.00	27.23 0.27 0.00	23.44 0.11 0.00	17.46 0.02 0.00
BETHPAGE_CC_5 323564	20.66 1.12 -2.86	16.56 0.97 -0.01	14.39 0.80 0.00	14.28 0.84 0.00	13.21 0.75 0.00	14.19 0.76 0.00	12.73 0.66 0.00	14.58 0.79 0.00	14.56 0.82 0.00	14.39 0.80 0.00	14.55 0.86 0.00	14.48 0.62 -4.56	13.01 0.82 0.00	15.25 0.97 -0.01	21.91 0.99 -6.54	41.12 1.21 -22.86	29.44 1.26 -10.30	24.48 1.65 -1.00	28.28 1.84 0.00	34.91 1.73 -8.79	37.04 1.69 -10.56	39.21 1.78 -10.47	37.98 1.46 -13.19	26.26 1.05 -7.78
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.21 0.53 0.00	16.00 0.42 0.00	13.99 0.40 0.00	13.69 0.24 0.00	12.73 0.26 0.00	13.85 0.42 0.00	12.39 0.31 0.00	14.15 0.36 0.00	14.04 0.30 0.00	13.88 0.30 0.00	13.86 0.17 0.00	9.31 0.01 0.00	12.18 -0.01 0.00	14.24 -0.04 0.00	14.26 -0.11 0.00	16.85 -0.20 0.00	17.72 -0.16 0.00	21.53 -0.29 -0.01	26.14 -0.29 0.00	23.94 -0.44 0.00	24.46 -0.33 0.00	26.60 -0.36 0.00	23.03 -0.30 0.00	17.44 0.00 0.00
BINGHAMTON___COGEN 23790	16.84 0.17 0.00	15.74 0.15 0.00	13.73 0.13 0.00	13.56 0.10 0.00	12.58 0.12 0.00	13.55 0.13 0.00	12.18 0.11 0.00	13.92 0.13 0.00	13.92 0.18 0.00	13.77 0.18 0.00	13.84 0.15 0.00	9.36 0.06 0.00	12.26 0.07 0.00	14.36 0.08 0.00	14.43 0.05 0.00	17.14 0.09 0.00	18.01 0.14 0.00	22.00 0.17 -0.01	26.65 0.21 0.00	24.66 0.28 0.00	25.09 0.30 0.00	27.25 0.29 0.00	23.50 0.18 0.00	17.58 0.14 0.00
BIXINCNT_115KV_LOAD 355685	17.24 0.56 0.00	16.04 0.46 0.00	14.04 0.44 0.00	13.76 0.31 0.00	12.81 0.35 0.00	13.93 0.50 0.00	12.45 0.38 0.00	14.25 0.46 0.00	14.19 0.45 0.00	14.04 0.46 0.00	13.99 0.30 0.00	9.36 0.06 0.00	12.23 0.04 0.00	14.33 0.05 0.00	14.36 -0.02 0.00	16.98 -0.07 0.00	17.85 -0.02 0.00	21.70 -0.13 -0.01	26.33 -0.11 0.00	24.15 -0.23 0.00	24.68 -0.11 0.00	26.81 -0.15 0.00	23.22 -0.10 0.00	17.56 0.13 0.00

BLACK RIVER___HYD 24047	16.76 0.08 0.00	15.92 0.33 0.00	13.94 0.34 0.00	13.72 0.27 0.00	12.67 0.21 0.00	13.71 0.29 0.00	12.41 0.34 0.00	14.15 0.36 0.00	14.08 0.34 0.00	13.86 0.28 0.00	13.88 0.19 0.00	9.54 0.24 0.00	12.45 0.27 0.00	14.54 0.27 0.00	14.52 0.14 0.00	17.17 0.12 0.00	18.15 0.27 0.00	22.24 0.41 0.00	27.50 1.06 0.00	25.45 1.07 0.00	25.86 1.07 0.00	28.01 1.05 0.00	24.14 0.81 0.00	17.99 0.55 0.00
BLACKRVR_115KV_TB2 79977	16.76 0.08 0.00	15.92 0.33 0.00	13.94 0.34 0.00	13.72 0.28 0.00	12.67 0.21 0.00	13.71 0.29 0.00	12.41 0.34 0.00	14.15 0.36 0.00	14.08 0.34 0.00	13.86 0.28 0.00	13.88 0.19 0.00	9.54 0.24 0.00	12.45 0.27 0.00	14.54 0.27 0.00	14.52 0.14 0.00	17.17 0.12 0.00	18.15 0.28 0.00	22.24 0.42 0.00	27.50 1.06 0.00	25.45 1.06 0.00	25.86 1.07 0.00	28.01 1.05 0.00	24.14 0.81 0.00	17.99 0.55 0.00
BLISS_WT_PWR 323608	17.24 0.56 0.00	15.75 0.45 0.29	13.85 0.43 0.18	13.76 0.32 0.00	12.82 0.36 0.00	13.83 0.51 0.11	12.15 0.39 0.31	14.26 0.47 0.00	14.20 0.46 0.00	14.05 0.47 0.00	14.00 0.31 0.00	9.37 0.07 0.00	12.24 0.05 0.00	14.34 0.06 0.00	14.37 -0.01 0.00	17.00 -0.05 0.00	17.87 -0.01 0.00	21.71 -0.11 -0.01	26.35 -0.09 0.00	24.17 -0.21 0.00	24.70 -0.09 0.00	26.81 -0.15 0.00	23.23 -0.09 0.00	17.57 0.13 0.00
BLUESTONE___WT_PWR 323821	17.41 0.73 0.00	16.30 0.67 -0.05	14.20 0.57 -0.03	13.98 0.53 0.00	12.97 0.51 0.00	14.01 0.57 -0.02	12.66 0.54 -0.05	14.43 0.65 0.00	14.41 0.67 0.00	14.31 0.73 0.00	14.43 0.74 0.00	9.76 0.45 0.00	12.77 0.59 0.00	14.95 0.68 0.00	15.02 0.64 0.00	17.84 0.79 0.00	18.82 0.94 0.00	23.09 1.25 -0.01	28.00 1.56 0.00	25.93 1.55 0.00	26.32 1.53 0.00	28.47 1.51 0.00	24.48 1.15 0.00	18.25 0.81 0.00
BLUE_CIRC_CHEM_DRP 24182	17.03 0.35 0.00	15.97 0.39 0.00	13.90 0.31 0.00	13.78 0.34 0.00	12.79 0.32 0.00	13.72 0.30 0.00	12.34 0.26 0.00	14.02 0.23 0.00	13.94 0.20 0.00	13.74 0.16 0.00	13.90 0.20 0.00	10.86 0.17 -1.39	12.39 0.20 0.00	14.49 0.21 0.00	14.65 0.27 0.00	17.34 0.38 0.09	18.38 0.51 0.00	22.66 0.74 -0.10	27.32 0.88 0.00	25.11 0.73 0.00	25.48 0.69 0.00	27.60 0.64 0.00	23.76 0.43 0.00	17.71 0.27 0.00
BOC_GAS_DRP 24189	16.94 0.26 0.00	15.87 0.29 0.00	13.82 0.22 0.00	13.70 0.25 0.00	12.70 0.24 0.00	13.64 0.21 0.00	12.25 0.18 0.00	13.93 0.14 0.00	13.87 0.13 0.00	13.70 0.12 0.00	13.85 0.16 0.00	10.89 0.13 -1.45	12.36 0.17 0.00	14.45 0.18 0.00	14.60 0.22 0.00	17.27 0.31 0.09	18.28 0.40 0.00	22.51 0.60 -0.10	27.12 0.68 0.00	24.94 0.56 0.00	25.34 0.54 0.00	27.45 0.49 0.00	23.64 0.32 0.00	17.61 0.18 0.00
BOONVILLE_115KV_TB1 79983	16.79 0.12 0.00	15.81 0.22 0.00	13.82 0.23 0.00	13.64 0.19 0.00	12.63 0.17 0.00	13.63 0.20 0.00	12.29 0.22 0.00	14.04 0.25 0.00	13.99 0.24 0.00	13.82 0.24 0.00	13.93 0.24 0.00	9.49 0.18 0.00	12.41 0.22 0.00	14.52 0.25 0.00	14.59 0.21 0.00	17.27 0.22 0.00	18.17 0.29 0.00	22.30 0.48 0.00	27.16 0.73 0.00	25.08 0.69 0.00	25.47 0.68 0.00	27.63 0.67 0.00	23.83 0.50 0.00	17.79 0.35 0.00
BORALEX_4TH_BRANCH 23824	17.11 0.44 0.00	16.07 0.48 0.00	13.96 0.36 0.00	13.84 0.39 0.00	12.81 0.35 0.00	13.79 0.36 0.00	12.42 0.35 0.00	14.17 0.39 0.00	14.07 0.33 0.00	13.77 0.18 0.00	13.90 0.21 0.00	11.01 0.15 -1.56	12.38 0.19 0.00	14.50 0.22 0.00	14.67 0.29 0.00	17.20 0.44 0.28	18.56 0.68 0.00	22.98 1.07 -0.10	27.72 1.29 0.00	25.53 1.14 0.00	25.96 1.17 0.00	28.09 1.13 0.00	24.09 0.76 0.00	17.92 0.49 0.00
BOWLINE___1 23526	17.22 0.54 0.00	16.04 0.45 0.00	13.99 0.39 0.00	13.87 0.42 0.00	12.83 0.36 0.00	13.77 0.34 0.00	12.36 0.28 0.00	14.11 0.33 0.00	14.13 0.39 0.00	14.00 0.41 0.00	14.18 0.49 0.00	3.88 0.35 5.77	12.66 0.47 0.00	14.83 0.56 0.00	14.97 0.60 0.00	17.91 0.76 -0.10	18.69 0.81 0.00	22.92 1.03 -0.07	27.56 1.13 0.00	25.39 1.01 0.00	25.80 1.01 0.00	27.96 1.00 0.00	24.10 0.77 0.00	17.90 0.46 0.00
BOWLINE___2 23595	17.22 0.54 0.00	16.04 0.45 0.00	13.99 0.39 0.00	13.87 0.42 0.00	12.83 0.36 0.00	13.77 0.34 0.00	12.36 0.28 0.00	14.12 0.33 0.00	14.13 0.39 0.00	14.00 0.41 0.00	14.18 0.49 0.00	3.88 0.35 5.78	12.66 0.47 0.00	14.83 0.56 0.00	14.97 0.60 0.00	17.91 0.76 -0.10	18.69 0.81 0.00	22.92 1.03 -0.07	27.56 1.13 0.00	25.39 1.01 0.00	25.80 1.01 0.00	27.96 1.00 0.00	24.10 0.77 0.00	17.90 0.46 0.00
BRADY___115KV_TB2 356060	16.64 -0.03 0.00	15.53 -0.06 0.00	13.57 -0.03 0.00	13.42 -0.03 0.00	12.43 -0.03 0.00	13.41 -0.01 0.00	12.12 0.04 0.00	13.88 0.09 0.00	13.80 0.06 0.00	13.61 0.03 0.00	13.69 0.00 0.00	9.31 0.01 0.00	12.21 0.03 0.00	14.33 0.05 0.00	14.42 0.04 0.00	17.03 -0.02 0.00	17.80 -0.08 0.00	21.67 -0.15 0.00	26.43 -0.01 0.00	24.44 0.06 0.00	24.85 0.06 0.00	27.13 0.17 0.00	23.54 0.22 0.00	17.61 0.17 0.00
BRANSCOMB___SOLAR 323811	17.37 0.70 0.00	16.26 0.68 0.00	14.14 0.54 0.00	14.01 0.56 0.00	12.97 0.51 0.00	13.96 0.53 0.00	12.56 0.49 0.00	14.32 0.53 0.00	14.24 0.50 0.00	14.00 0.42 0.00	14.13 0.43 0.00	11.07 0.32 -1.45	12.59 0.40 0.00	14.73 0.46 0.00	14.90 0.53 0.00	17.59 0.71 0.16	18.77 0.89 0.00	23.16 1.24 -0.10	27.92 1.49 0.00	25.72 1.34 0.00	26.21 1.42 0.00	28.33 1.38 0.00	24.36 1.04 0.00	18.11 0.67 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	19.32 1.31 -1.34	16.73 1.15 0.00	14.54 0.94 0.00	14.44 0.99 0.00	13.35 0.89 0.00	14.34 0.91 0.00	12.87 0.80 0.00	14.75 0.96 0.00	14.71 0.97 0.00	14.51 0.93 0.00	14.67 0.98 0.00	14.56 0.70 -4.56	13.12 0.94 0.00	15.37 1.09 -0.01	20.84 1.11 -5.35	35.11 1.39 -16.66	27.66 1.47 -8.32	24.15 1.87 -0.47	28.54 2.10 0.00	32.20 1.98 -5.84	32.32 1.94 -5.59	36.29 2.17 -7.16	34.95 1.75 -9.87	21.90 1.28 -3.19
BRISTLHL_115KV_TB1 79998	16.94 0.27 0.00	15.84 0.25 0.00	13.82 0.22 0.00	13.64 0.20 0.00	12.64 0.18 0.00	13.64 0.22 0.00	12.28 0.21 0.00	14.02 0.23 0.00	13.97 0.23 0.00	13.84 0.27 0.00	13.95 0.25 0.00	9.46 0.16 0.00	12.39 0.20 0.00	14.49 0.22 0.00	14.54 0.16 0.00	17.22 0.17 0.00	18.15 0.27 0.00	22.22 0.39 0.00	27.00 0.57 0.00	24.93 0.54 0.00	25.34 0.55 0.00	27.49 0.53 0.00	23.71 0.38 0.00	17.73 0.30 0.00
BROOKHAVEN___DRP 24191	19.17 1.33 -1.17	16.77 1.18 0.00	14.56 0.97 0.00	14.46 1.01 0.00	13.37 0.91 0.00	14.36 0.94 0.00	12.89 0.82 0.00	14.78 0.99 0.00	14.74 0.99 0.00	14.54 0.95 0.00	14.68 0.99 0.00	14.57 0.70 -4.56	13.13 0.95 0.00	15.38 1.10 -0.01	20.67 1.08 -5.21	34.39 1.38 -15.96	27.51 1.54 -8.09	24.23 2.01 -0.40	28.70 2.27 0.00	32.02 2.14 -5.50	31.88 2.07 -5.02	35.99 2.25 -6.78	34.59 1.78 -9.49	21.39 1.29 -2.67

BROOKLYN_NAVY_YARD 23515	17.33 0.65 0.00	16.13 0.55 0.00	14.09 0.49 0.00	13.97 0.52 0.00	12.92 0.46 0.00	13.86 0.44 0.00	12.45 0.38 0.00	14.23 0.44 0.00	14.26 0.53 0.00	14.13 0.55 0.00	14.33 0.64 0.00	14.35 0.46 -4.59	12.80 0.61 0.00	14.98 0.71 0.00	15.13 0.76 0.00	18.09 0.93 -0.10	18.84 0.97 0.00	23.10 1.21 -0.08	27.74 1.31 0.00	25.58 1.19 0.00	26.01 1.22 0.00	28.21 1.25 0.00	24.35 1.02 0.00	18.06 0.62 0.00
BROOKLYN___ARMY_DRP 323595	17.31 0.63 0.00	16.09 0.51 0.00	14.00 0.40 0.00	13.93 0.48 0.00	12.89 0.42 0.00	13.82 0.40 0.00	12.41 0.34 0.00	14.19 0.40 0.00	14.21 0.47 0.00	14.06 0.48 0.00	14.24 0.55 -4.24	14.03 0.50 0.00	12.84 0.65 0.00	15.03 0.75 0.00	15.16 0.78 0.00	18.16 1.00 -0.10	18.90 1.03 0.00	23.19 1.29 -0.08	27.81 1.37 0.00	25.63 1.24 -0.01	26.08 1.28 -0.01	28.04 1.34 0.27	24.40 1.08 0.00	18.10 0.66 0.00
BROOKVLE_69_KV_TB1 55790	22.88 1.01 -5.19	16.48 0.88 -0.01	14.32 0.73 0.00	14.21 0.76 0.00	13.14 0.68 0.00	14.11 0.68 0.00	12.67 0.59 0.00	14.49 0.70 0.00	14.48 0.74 0.00	14.33 0.75 0.00	14.51 0.82 0.00	14.46 0.59 -4.56	12.98 0.79 0.00	15.24 0.94 -0.02	24.91 0.98 -9.56	53.80 1.20 -35.55	34.30 1.27 -15.16	25.21 1.56 -1.84	28.17 1.74 0.00	40.29 1.62 -14.29	45.18 1.67 -18.72	45.50 1.73 -16.81	44.89 1.38 -20.18	32.98 0.96 -14.58
BROOME_2_LFGE 323671	16.84 0.16 0.00	15.79 0.15 -0.05	13.76 0.13 -0.03	13.55 0.11 0.00	12.58 0.12 0.00	13.57 0.13 -0.02	12.23 0.11 -0.06	13.92 0.13 0.00	13.92 0.18 0.00	13.77 0.18 0.00	13.84 0.15 0.00	9.36 0.06 0.00	12.26 0.07 0.00	14.36 0.08 0.00	14.43 0.05 0.00	17.14 0.09 0.00	18.01 0.14 0.00	22.00 0.17 -0.01	26.65 0.21 0.00	24.66 0.28 0.00	25.09 0.30 0.00	27.25 0.29 0.00	23.50 0.18 0.00	17.58 0.14 0.00
BROOME___LFGE 323600	16.84 0.16 0.00	15.79 0.15 -0.05	13.76 0.13 -0.03	13.55 0.11 0.00	12.58 0.12 0.00	13.57 0.13 -0.02	12.23 0.11 -0.06	13.92 0.13 0.00	13.92 0.18 0.00	13.77 0.18 0.00	13.84 0.15 0.00	9.36 0.06 0.00	12.26 0.07 0.00	14.36 0.08 0.00	14.43 0.05 0.00	17.14 0.09 0.00	18.01 0.14 0.00	22.00 0.17 -0.01	26.65 0.21 0.00	24.66 0.28 0.00	25.09 0.30 0.00	27.25 0.29 0.00	23.50 0.18 0.00	17.58 0.14 0.00
BROWNFLS_115KV_TB_3_5 80003	16.38 -0.30 0.00	15.43 -0.15 0.00	13.51 -0.09 0.00	13.33 -0.11 0.00	12.33 -0.14 0.00	13.32 -0.11 0.00	12.04 -0.03 0.00	13.77 -0.02 0.00	13.71 -0.03 0.00	13.53 -0.05 0.00	13.60 -0.09 0.00	9.29 -0.01 0.00	12.16 -0.03 0.00	14.23 -0.04 0.00	14.28 -0.10 0.00	16.88 -0.18 0.00	17.71 -0.17 0.00	21.65 -0.17 0.00	26.48 0.05 0.00	24.48 0.10 0.00	24.87 0.08 0.00	27.07 0.11 0.00	23.41 0.09 0.00	17.47 0.04 0.00
BROWNSV1_27_KV_LOAD 356125	17.53 0.85 0.00	16.31 0.72 0.00	14.23 0.64 0.00	14.11 0.66 0.00	13.05 0.59 0.00	14.00 0.57 0.00	12.57 0.50 0.00	14.36 0.57 0.00	14.40 0.66 0.00	14.27 0.69 0.00	14.48 0.79 -4.59	14.45 0.57 0.00	12.95 0.76 0.00	15.16 0.88 0.00	15.30 0.93 0.00	18.29 1.14 -0.10	19.07 1.20 0.00	23.37 1.47 -0.08	28.07 1.64 0.00	25.88 1.49 0.00	26.32 1.53 0.00	28.55 1.59 0.00	24.61 1.29 0.00	18.27 0.83 0.00
BURROWS___LYONSDAL 23803	16.71 0.03 0.00	15.77 0.18 0.00	13.80 0.20 0.00	13.61 0.16 0.00	12.59 0.13 0.00	13.60 0.17 0.00	12.27 0.20 0.00	14.01 0.22 0.00	13.96 0.22 0.00	13.79 0.21 0.00	13.89 0.20 0.00	9.47 0.16 0.00	12.39 0.20 0.00	14.49 0.21 0.00	14.55 0.17 0.00	17.22 0.17 0.00	18.12 0.24 0.00	22.25 0.43 0.00	27.13 0.70 0.00	25.05 0.67 0.00	25.44 0.65 0.00	27.61 0.64 0.00	23.81 0.48 0.00	17.77 0.33 0.00
CAITHNESS_CC_1 323624	19.12 1.28 -1.16	16.72 1.13 0.00	14.52 0.93 0.00	14.42 0.97 0.00	13.34 0.88 0.00	14.32 0.90 0.00	12.85 0.78 0.00	14.74 0.95 0.00	14.70 0.96 0.00	14.50 0.92 0.00	14.65 0.95 -4.56	14.55 0.68 0.00	13.10 0.91 0.00	15.34 1.06 -0.01	20.63 1.04 -5.21	34.31 1.32 -15.94	27.43 1.47 -8.09	24.13 1.91 -0.40	28.58 2.15 0.00	31.91 2.03 -5.49	31.77 1.97 -5.00	35.87 2.14 -6.77	34.50 1.70 -9.48	21.32 1.23 -2.65
CALPINE BETH_PAGE_GT4 24209	21.39 1.11 -3.61	16.55 0.96 -0.01	14.39 0.79 0.00	14.28 0.83 0.00	13.21 0.74 0.00	14.18 0.76 0.00	12.73 0.66 0.00	14.57 0.78 0.00	14.54 0.81 0.00	14.38 0.80 0.00	14.54 0.85 -4.56	14.47 0.61 0.00	12.99 0.80 0.00	15.23 0.94 -0.02	22.47 0.96 -7.14	44.11 1.17 -25.90	30.35 1.19 -11.29	24.64 1.56 -1.27	28.17 1.73 0.00	36.25 1.63 -10.23	39.34 1.59 -12.97	40.72 1.66 -12.09	39.56 1.40 -14.84	28.45 1.00 -10.02
CALPINE_BETH_PAGE_GT_4 323586	21.39 1.11 -3.61	16.55 0.96 -0.01	14.39 0.79 0.00	14.28 0.83 0.00	13.21 0.74 0.00	14.18 0.75 0.00	12.73 0.65 0.00	14.57 0.78 0.00	14.54 0.81 0.00	14.38 0.80 0.00	14.54 0.85 -4.56	14.47 0.61 0.00	12.99 0.80 0.00	15.23 0.94 -0.02	22.47 0.96 -7.14	44.11 1.17 -25.90	30.35 1.19 -11.29	24.64 1.56 -1.27	28.17 1.73 0.00	36.25 1.64 -10.23	39.34 1.59 -12.97	40.72 1.66 -12.09	39.56 1.40 -14.84	28.45 1.00 -10.02
CALPINE_BP_GT1 23823	21.39 1.11 -3.61	16.55 0.96 -0.01	14.39 0.79 0.00	14.28 0.83 0.00	13.21 0.74 0.00	14.18 0.75 0.00	12.73 0.65 0.00	14.57 0.78 0.00	14.54 0.81 0.00	14.38 0.80 0.00	14.54 0.85 -4.56	14.47 0.61 0.00	12.99 0.80 0.00	15.23 0.94 -0.02	22.47 0.96 -7.14	44.11 1.17 -25.90	30.35 1.19 -11.29	24.64 1.56 -1.27	28.17 1.73 0.00	36.25 1.64 -10.23	39.34 1.59 -12.97	40.72 1.66 -12.09	39.56 1.40 -14.84	28.45 1.00 -10.02
CALSPAN___DRP 24200	17.19 0.51 0.00	15.98 0.40 0.00	13.98 0.38 0.00	13.67 0.22 0.00	12.71 0.25 0.00	13.84 0.41 0.00	12.37 0.30 0.00	14.13 0.34 0.00	14.01 0.27 0.00	13.86 0.28 0.00	13.83 0.14 0.00	9.29 -0.01 0.00	12.16 -0.03 0.00	14.20 -0.07 0.00	14.23 -0.15 0.00	16.81 -0.24 0.00	17.67 -0.20 0.00	21.48 -0.35 -0.01	26.08 -0.36 0.00	23.88 -0.50 0.00	24.40 -0.39 0.00	26.53 -0.43 0.00	22.97 -0.36 0.00	17.40 -0.04 0.00
CALVERTON___SOLAR 323806	19.24 1.40 -1.17	16.83 1.24 0.00	14.62 1.02 0.00	14.51 1.06 0.00	13.42 0.96 0.00	14.41 0.99 0.00	12.94 0.86 0.00	14.83 1.04 0.00	14.78 1.05 0.00	14.59 1.00 0.00	14.73 1.04 -4.56	14.60 0.74 0.00	13.18 0.99 0.00	15.43 1.15 -0.01	20.73 1.14 -5.21	34.47 1.45 -15.97	27.61 1.64 -8.09	24.35 2.12 -0.40	28.84 2.41 0.00	32.16 2.27 -5.50	32.01 2.20 -5.02	36.12 2.38 -6.78	34.70 1.88 -9.49	21.47 1.36 -2.67
CANDIGU_WT_PWR 323617	17.01 0.34 0.00	15.98 0.27 -0.12	13.92 0.25 -0.08	13.63 0.18 0.00	12.68 0.21 0.00	13.75 0.28 -0.05	12.43 0.23 -0.13	14.07 0.27 0.00	14.04 0.30 0.00	13.88 0.30 0.00	13.88 0.18 0.00	9.32 0.02 0.00	12.21 0.02 0.00	14.26 -0.01 0.00	14.31 -0.07 0.00	16.96 -0.09 0.00	17.86 -0.02 0.00	21.76 -0.07 -0.01	26.42 -0.02 0.00	24.40 0.02 0.00	24.88 0.08 0.00	27.04 0.08 0.00	23.33 0.01 0.00	17.55 0.11 0.00

CARR STREET_E_SYR 24060	16.68 0.00 0.00	15.57 -0.01 0.00	13.59 -0.01 0.00	13.42 -0.04 0.00	12.44 -0.02 0.00	13.42 0.00 0.00	12.07 -0.01 0.00	13.78 -0.01 0.00	13.73 -0.01 0.00	13.59 0.01 0.00	13.68 -0.01 0.00	9.27 -0.03 0.00	12.15 -0.04 0.00	14.21 -0.07 0.00	14.29 -0.09 0.00	16.94 -0.11 0.00	17.82 -0.06 0.00	21.76 -0.06 0.00	26.39 -0.04 0.00	24.35 -0.03 0.00	24.76 -0.03 0.00	26.87 -0.09 0.00	23.19 -0.13 0.00	17.38 -0.06 0.00
CARTHAGE___PAPER 23857	16.69 0.02 0.00	15.83 0.25 0.00	13.87 0.27 0.00	13.66 0.21 0.00	12.62 0.15 0.00	13.65 0.23 0.00	12.35 0.28 0.00	14.10 0.31 0.00	14.03 0.30 0.00	13.83 0.24 0.00	13.86 0.17 0.00	9.51 0.20 0.00	12.42 0.23 0.00	14.51 0.23 0.00	14.50 0.13 0.00	17.18 0.13 0.00	18.11 0.24 0.00	22.23 0.40 0.00	27.38 0.94 0.00	25.32 0.94 0.00	25.73 0.93 0.00	27.89 0.93 0.00	24.04 0.72 0.00	17.92 0.48 0.00
CASSADAGA_WT_PWR 323784	17.46 0.79 0.00	15.98 0.68 0.28	14.04 0.62 0.17	13.91 0.46 0.00	12.95 0.49 0.00	13.96 0.64 0.11	12.28 0.50 0.30	14.40 0.61 0.00	14.35 0.61 0.00	14.19 0.60 0.00	14.16 0.47 0.00	9.50 0.19 0.00	12.42 0.24 0.00	14.55 0.27 0.00	14.57 0.19 0.00	17.23 0.18 0.00	18.09 0.21 0.00	22.01 0.18 -0.01	26.72 0.28 0.00	24.51 0.13 0.00	25.09 0.30 0.00	27.31 0.35 0.00	23.57 0.25 0.00	17.77 0.33 0.00
CE_DUNWOOD___DRP 24194	17.32 0.64 0.00	16.13 0.54 0.00	14.06 0.46 0.00	13.94 0.49 0.00	12.90 0.44 0.00	13.84 0.42 0.00	12.43 0.36 0.00	14.19 0.41 0.00	14.21 0.47 0.00	14.07 0.48 0.00	14.26 0.56 0.00	14.57 0.41 -4.86	12.74 0.55 0.00	14.91 0.64 0.00	15.06 0.68 0.00	18.01 0.85 -0.10	18.79 0.91 0.00	23.06 1.16 -0.08	27.71 1.28 0.00	25.54 1.15 0.00	25.96 1.17 0.00	28.14 1.18 0.00	24.24 0.92 0.00	18.01 0.57 0.00
CE_MILLWOOD___DRP 24193	17.28 0.61 0.00	16.10 0.51 0.00	14.04 0.44 0.00	13.92 0.47 0.00	12.88 0.41 0.00	13.82 0.39 0.00	12.41 0.34 0.00	14.17 0.38 0.00	14.18 0.44 0.00	14.04 0.46 0.00	14.23 0.54 0.00	14.76 0.39 -5.07	12.71 0.52 0.00	14.88 0.61 0.00	15.03 0.65 0.00	17.97 0.82 -0.10	18.75 0.87 0.00	23.01 1.12 -0.07	27.66 1.23 0.00	25.49 1.10 0.00	25.91 1.12 0.00	28.08 1.12 0.00	24.19 0.87 0.00	17.97 0.54 0.00
CE_NYC2_DRP 24202	17.40 0.73 0.00	16.21 0.62 0.00	14.14 0.54 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.91 0.48 0.00	12.49 0.42 0.00	14.27 0.48 0.00	14.30 0.56 0.00	14.17 0.59 0.00	14.37 0.68 0.00	14.39 0.50 -4.59	12.85 0.66 0.00	15.04 0.77 0.00	15.20 0.82 0.00	18.17 1.01 -0.10	18.93 1.05 0.00	23.19 1.30 -0.08	27.85 1.41 0.00	25.66 1.28 0.00	26.11 1.32 0.00	28.33 1.37 0.00	24.43 1.11 0.00	18.12 0.69 0.00
CE_NYC_DRP 24195	17.38 0.71 0.00	16.18 0.60 0.00	14.13 0.53 0.00	14.01 0.56 0.00	12.96 0.50 0.00	13.90 0.48 0.00	12.49 0.41 0.00	14.26 0.47 0.00	14.29 0.56 0.00	14.16 0.58 0.00	14.37 0.68 0.00	14.38 0.49 -4.59	12.85 0.66 0.00	15.03 0.75 0.00	15.18 0.80 0.00	18.14 0.98 -0.10	18.90 1.02 0.00	23.17 1.28 -0.08	27.82 1.39 0.00	25.64 1.26 0.00	26.07 1.28 0.00	28.28 1.32 0.00	24.38 1.06 0.00	18.10 0.67 0.00
CHAFFEE___LFGE 323603	17.14 0.47 0.00	15.68 0.36 0.26	13.78 0.35 0.16	13.63 0.19 0.00	12.67 0.21 0.00	13.70 0.38 0.10	12.06 0.27 0.28	14.09 0.30 0.00	13.97 0.23 0.00	13.83 0.24 0.00	13.81 0.12 0.00	9.28 -0.02 0.00	12.13 -0.05 0.00	14.18 -0.09 0.00	14.20 -0.18 0.00	16.78 -0.27 0.00	17.65 -0.23 0.00	21.46 -0.36 -0.01	26.07 -0.37 0.00	23.85 -0.54 0.00	24.38 -0.41 0.00	26.53 -0.43 0.00	22.94 -0.38 0.00	17.37 -0.06 0.00
CHATEAUG_35_KV_LOAD 355732	16.58 -0.10 0.00	15.50 -0.08 0.00	13.61 0.02 0.00	13.48 0.03 0.00	12.46 0.00 0.00	13.46 0.04 0.00	12.13 0.05 0.00	13.95 0.16 0.00	13.92 0.18 0.00	13.90 0.31 0.00	13.99 0.30 0.00	9.52 0.22 0.00	12.53 0.34 0.00	14.72 0.44 0.00	14.87 0.50 0.00	17.62 0.57 0.00	18.40 0.53 0.00	22.36 0.54 0.00	27.10 0.67 0.00	25.08 0.69 0.00	25.53 0.74 0.00	27.75 0.79 0.00	24.04 0.71 0.00	17.97 0.54 0.00
CHATEAUG_WT_PWR 323614	16.55 -0.13 0.00	15.48 -0.10 0.00	13.59 -0.01 0.00	13.46 0.02 0.00	12.46 -0.01 0.00	13.45 0.03 0.00	12.11 0.04 0.00	13.93 0.15 0.00	13.90 0.16 0.00	13.88 0.30 0.00	13.99 0.30 0.00	9.51 0.22 0.00	12.53 0.35 0.00	14.72 0.44 0.00	14.89 0.51 0.00	17.62 0.57 0.00	18.41 0.54 0.00	22.35 0.54 0.00	27.09 0.65 0.00	25.05 0.67 0.00	25.51 0.72 0.00	27.70 0.74 0.00	23.99 0.66 0.00	17.94 0.51 0.00
CHAT_HIGH_FALL_HYD 323578	16.58 -0.10 0.00	15.50 -0.08 0.00	13.61 0.02 0.00	13.48 0.03 0.00	12.46 0.00 0.00	13.46 0.04 0.00	12.13 0.05 0.00	13.95 0.16 0.00	13.92 0.18 0.00	13.90 0.31 0.00	13.99 0.30 0.00	9.52 0.22 0.00	12.53 0.34 0.00	14.72 0.44 0.00	14.87 0.50 0.00	17.62 0.57 0.00	18.40 0.53 0.00	22.36 0.54 0.00	27.10 0.67 0.00	25.08 0.69 0.00	25.53 0.74 0.00	27.75 0.79 0.00	24.04 0.71 0.00	17.97 0.54 0.00
CHAUTAUQUA___LFGE 323629	17.29 0.61 0.00	15.83 0.51 0.27	13.90 0.48 0.17	13.77 0.32 0.00	12.82 0.36 0.00	13.82 0.50 0.10	12.17 0.38 0.29	14.24 0.46 0.00	14.16 0.43 0.00	14.00 0.42 0.00	13.99 0.30 0.00	9.38 0.08 0.00	12.28 0.09 0.00	14.36 0.09 0.00	14.39 0.01 0.00	17.02 -0.03 0.00	17.87 0.00 0.00	21.75 -0.08 -0.01	26.40 -0.03 0.00	24.22 -0.16 0.00	24.76 -0.03 0.00	26.94 -0.02 0.00	23.27 -0.05 0.00	17.58 0.15 0.00
CHERRYST_13_KV_LD 356241	17.43 0.75 0.00	16.22 0.64 0.00	14.16 0.56 0.00	14.05 0.60 0.00	13.00 0.53 0.00	13.94 0.52 0.00	12.52 0.45 0.00	14.30 0.51 0.00	14.33 0.60 0.00	14.21 0.63 0.00	14.41 0.72 0.00	14.41 0.52 -4.59	12.89 0.69 0.00	15.08 0.80 0.00	15.22 0.85 0.00	18.19 1.04 -0.10	18.96 1.08 0.00	23.24 1.34 -0.08	27.91 1.47 0.00	25.72 1.34 0.00	26.15 1.36 0.00	28.36 1.40 0.00	24.45 1.13 0.00	18.15 0.71 0.00
CHESTROR_138KV_BK263 355645	17.15 0.47 0.00	15.98 0.40 0.00	13.94 0.33 0.00	13.81 0.36 0.00	12.78 0.31 0.00	13.72 0.30 0.00	12.32 0.25 0.00	14.07 0.28 0.00	14.07 0.33 0.00	13.92 0.34 0.00	14.09 0.40 0.00	6.18 0.29 3.41	12.57 0.38 0.00	14.73 0.46 0.00	14.88 0.50 0.00	17.79 0.65 -0.09	18.57 0.70 0.00	22.79 0.90 -0.07	27.43 1.00 0.00	25.29 0.91 0.00	25.70 0.91 0.00	27.85 0.89 0.00	23.99 0.67 0.00	17.83 0.40 0.00
CH_MIDHUDSON___DRP 24192	17.30 0.62 0.00	16.13 0.54 0.00	14.06 0.46 0.00	13.93 0.48 0.00	12.90 0.43 0.00	13.84 0.42 0.00	12.43 0.36 0.00	14.19 0.40 0.00	14.17 0.43 0.00	14.03 0.44 0.00	14.20 0.51 0.00	10.98 0.37 -1.31	12.68 0.49 0.00	14.84 0.57 0.00	15.00 0.62 0.00	17.90 0.79 -0.07	18.74 0.87 0.00	23.05 1.15 -0.08	27.73 1.30 0.00	25.54 1.16 0.00	25.96 1.17 0.00	28.10 1.14 0.00	24.19 0.86 0.00	17.98 0.54 0.00

CH_MISC_IPPS 23765	17.38 0.70 0.00	16.19 0.61 0.00	14.11 0.51 0.00	13.99 0.54 0.00	12.95 0.48 0.00	13.90 0.47 0.00	12.48 0.41 0.00	14.25 0.46 0.00	14.24 0.51 0.00	14.10 0.51 0.00	14.27 0.58 0.00	10.41 0.42 -0.70	12.74 0.55 0.00	14.93 0.65 0.00	15.09 0.72 0.00	18.03 0.90 -0.08	18.87 0.99 0.00	23.18 1.28 -0.08	27.89 1.46 0.00	25.71 1.32 0.00	26.12 1.33 0.00	28.28 1.32 0.00	24.33 1.01 0.00	18.07 0.64 0.00
CH_RES_BVR_FALLS 23983	16.55 -0.12 0.00	15.45 -0.13 0.00	13.49 -0.11 0.00	13.35 -0.09 0.00	12.37 -0.10 0.00	13.33 -0.09 0.00	12.01 -0.06 0.00	13.73 -0.05 0.00	13.68 -0.06 0.00	13.52 -0.06 0.00	13.62 -0.08 0.00	9.25 -0.05 0.00	12.13 -0.06 0.00	14.23 -0.05 0.00	14.33 -0.05 0.00	16.97 -0.08 0.00	17.74 -0.13 0.00	21.62 -0.20 0.00	26.21 -0.22 0.00	24.19 -0.20 0.00	24.60 -0.19 0.00	26.82 -0.14 0.00	23.27 -0.06 0.00	17.41 -0.03 0.00
CH_RES_NIAGARA 23895	16.93 0.25 0.00	15.53 0.15 0.21	13.66 0.19 0.13	13.46 0.01 0.00	12.52 0.05 0.00	13.58 0.23 0.08	11.98 0.12 0.22	13.91 0.12 0.00	13.74 0.00 0.00	13.60 0.02 0.00	13.57 -0.12 0.00	9.12 -0.18 0.00	11.92 -0.27 0.00	13.91 -0.37 0.00	13.93 -0.45 0.00	16.43 -0.62 0.00	17.26 -0.61 0.00	20.95 -0.88 -0.01	25.43 -1.01 0.00	23.18 -1.20 0.00	23.59 -1.20 0.00	25.66 -1.30 0.00	22.26 -1.06 0.00	16.95 -0.48 0.00
CH_RES_SYRACUSE 23985	16.83 0.15 0.00	15.73 0.14 0.00	13.72 0.12 0.00	13.54 0.09 0.00	12.56 0.10 0.00	13.55 0.13 0.00	12.19 0.11 0.00	13.92 0.13 0.00	13.87 0.14 0.00	13.73 0.15 0.00	13.82 0.13 0.00	9.37 0.07 0.00	12.28 0.09 0.00	14.36 0.09 0.00	14.43 0.06 0.00	17.11 0.06 0.00	18.00 0.13 0.00	22.01 0.18 0.00	26.73 0.29 0.00	24.66 0.28 0.00	25.07 0.28 0.00	27.19 0.28 0.00	23.47 0.23 0.00	17.56 0.13 0.00
CLINTON_WT_PWR 323605	16.55 -0.13 0.00	15.48 -0.10 0.00	13.59 -0.01 0.00	13.46 0.02 0.00	12.46 -0.01 0.00	13.45 0.03 0.00	12.11 0.04 0.00	13.93 0.15 0.00	13.90 0.16 0.00	13.88 0.30 0.00	13.99 0.30 0.00	9.51 0.22 0.00	12.53 0.35 0.00	14.72 0.44 0.00	14.89 0.51 0.00	17.62 0.57 0.00	18.41 0.54 0.00	22.35 0.54 0.00	27.09 0.65 0.00	25.05 0.67 0.00	25.51 0.72 0.00	27.70 0.74 0.00	23.99 0.66 0.00	17.94 0.51 0.00
CLINTON__LFGE 323618	16.70 0.02 0.00	15.62 0.04 0.00	13.71 0.12 0.00	13.58 0.13 0.00	12.57 0.11 0.00	13.58 0.15 0.00	12.24 0.17 0.00	14.08 0.30 0.00	14.04 0.31 0.00	14.03 0.45 0.00	14.14 0.44 0.00	9.60 0.30 0.00	12.68 0.49 0.00	14.87 0.60 0.00	15.07 0.70 0.00	17.85 0.80 0.00	18.66 0.78 0.00	22.66 0.84 0.00	27.47 1.03 0.00	25.42 1.04 0.00	25.90 1.11 0.00	28.07 1.11 0.00	24.27 0.94 0.00	18.13 0.70 0.00
COBBLENY_34_KV_TB1 80064	17.14 0.47 0.00	15.94 0.36 0.00	13.94 0.35 0.00	13.63 0.19 0.00	12.68 0.21 0.00	13.80 0.37 0.00	12.34 0.26 0.00	14.09 0.30 0.00	13.97 0.23 0.00	13.83 0.24 0.00	13.81 0.12 0.00	9.28 -0.03 0.00	12.13 -0.05 0.00	14.18 -0.09 0.00	14.20 -0.18 0.00	16.78 -0.27 0.00	17.65 -0.23 0.00	21.47 -0.36 -0.01	26.07 -0.37 0.00	23.85 -0.53 0.00	24.38 -0.41 0.00	26.53 -0.43 0.00	22.94 -0.38 0.00	17.37 -0.07 0.00
COFFEEN__115KV_TB3 355620	16.89 0.21 0.00	16.02 0.44 0.00	14.03 0.43 0.00	13.81 0.36 0.00	12.75 0.29 0.00	13.80 0.38 0.00	12.49 0.42 0.00	14.25 0.46 0.00	14.17 0.43 0.00	13.92 0.34 0.00	13.93 0.24 0.00	9.60 0.29 0.00	12.52 0.33 0.00	14.61 0.34 0.00	14.57 0.19 0.00	17.23 0.18 0.00	18.24 0.37 0.00	22.33 0.51 0.00	27.72 1.29 0.00	25.66 1.28 0.00	26.09 1.30 0.00	28.24 1.28 0.00	24.32 0.99 0.00	18.11 0.67 0.00
COLDSPRG_115KV_BK1 355956	17.51 0.83 0.00	16.31 0.72 0.00	14.26 0.66 0.00	13.96 0.51 0.00	13.00 0.53 0.00	14.10 0.67 0.00	12.61 0.53 0.00	14.45 0.66 0.00	14.44 0.70 0.00	14.27 0.69 0.00	14.22 0.53 0.00	9.52 0.22 0.00	12.44 0.25 0.00	14.58 0.30 0.00	14.60 0.22 0.00	17.28 0.23 0.00	18.15 0.27 0.00	22.08 0.25 -0.01	26.81 0.38 0.00	24.62 0.24 0.00	25.19 0.40 0.00	27.41 0.45 0.00	23.70 0.37 0.00	17.85 0.42 0.00
COLONIE_LFGE__ 323577	17.09 0.41 0.00	16.02 0.44 0.00	13.93 0.33 0.00	13.80 0.36 0.00	12.79 0.32 0.00	13.74 0.32 0.00	12.37 0.29 0.00	14.09 0.30 0.00	14.01 0.27 0.00	13.79 0.20 0.00	13.93 0.24 0.00	10.96 0.18 -1.48	12.42 0.23 0.00	14.54 0.26 0.00	14.69 0.32 0.00	17.31 0.44 0.18	18.48 0.61 0.00	22.83 0.91 -0.10	27.52 1.08 0.00	25.33 0.94 0.00	25.75 0.96 0.00	27.86 0.90 0.00	23.96 0.63 0.00	17.83 0.39 0.00
COOPERNY_115KV_TB1 80082	17.00 0.33 0.00	15.86 0.27 0.00	13.83 0.23 0.00	13.70 0.25 0.00	12.68 0.21 0.00	13.63 0.21 0.00	12.24 0.17 0.00	13.98 0.20 0.00	13.98 0.24 0.00	13.84 0.25 0.00	13.99 0.30 0.00	8.13 0.20 1.37	12.46 0.27 0.00	14.60 0.32 0.00	14.73 0.35 0.00	17.55 0.45 -0.05	18.35 0.48 0.00	22.48 0.62 -0.04	27.11 0.68 0.00	25.03 0.65 0.00	25.45 0.66 0.00	27.61 0.64 0.00	23.80 0.47 0.00	17.72 0.28 0.00
COPENHAGEN_WT_PWR 323753	16.67 -0.01 0.00	15.88 0.30 0.00	13.92 0.32 0.00	13.70 0.24 0.00	12.63 0.17 0.00	13.68 0.26 0.00	12.38 0.31 0.00	14.10 0.32 0.00	14.05 0.31 0.00	13.84 0.26 0.00	13.87 0.18 0.00	9.52 0.22 0.00	12.43 0.24 0.00	14.52 0.25 0.00	14.50 0.12 0.00	17.15 0.10 0.00	18.12 0.24 0.00	22.20 0.37 0.00	27.41 0.97 0.00	25.35 0.97 0.00	25.77 0.98 0.00	27.93 0.97 0.00	24.07 0.74 0.00	17.94 0.51 0.00
CORNELL____ 23752	17.06 0.38 0.00	15.93 0.35 0.00	13.89 0.30 0.00	13.71 0.26 0.00	12.72 0.26 0.00	13.72 0.30 0.00	12.34 0.27 0.00	14.11 0.32 0.00	14.08 0.34 0.00	13.95 0.37 0.00	14.04 0.35 0.00	9.49 0.19 0.00	12.42 0.23 0.00	14.53 0.25 0.00	14.59 0.21 0.00	17.33 0.28 0.00	18.26 0.38 0.00	22.37 0.54 -0.01	27.18 0.75 0.00	25.14 0.76 0.00	25.56 0.77 0.00	27.68 0.72 0.00	23.86 0.53 0.00	17.82 0.38 0.00
CORONAAV_69_KV_TB1 355595	31.24 1.08 -13.49	16.56 0.95 -0.03	14.39 0.79 0.00	14.28 0.83 0.00	13.21 0.74 0.00	14.18 0.75 0.00	12.73 0.66 0.00	14.56 0.78 0.00	14.54 0.80 0.00	14.39 0.80 0.00	14.55 0.86 0.00	14.48 0.61 -4.56	13.01 0.83 0.00	15.33 0.99 -0.06	28.59 1.00 -13.21	83.04 1.19 -64.80	40.92 1.30 -21.74	28.88 1.69 -5.37	28.34 1.90 0.00	56.26 1.76 -30.12	75.77 1.66 -49.32	62.67 1.80 -33.90	58.00 1.42 -33.25	58.70 1.03 -40.24
CORTLAND_115KV_TB3 80093	16.89 0.21 0.00	15.78 0.20 0.00	13.77 0.17 0.00	13.60 0.15 0.00	12.61 0.15 0.00	13.59 0.17 0.00	12.23 0.15 0.00	13.97 0.18 0.00	13.93 0.20 0.00	13.80 0.22 0.00	13.90 0.21 0.00	9.41 0.10 0.00	12.32 0.13 0.00	14.41 0.13 0.00	14.49 0.11 0.00	17.19 0.14 0.00	18.10 0.23 0.00	22.16 0.33 -0.01	26.88 0.44 0.00	24.85 0.47 0.00	25.26 0.47 0.00	27.40 0.44 0.00	23.62 0.30 0.00	17.66 0.23 0.00

COXSACKIE___GT 23611	17.47 0.79 0.00	16.39 0.81 0.00	14.24 0.64 0.00	14.11 0.66 0.00	13.11 0.65 0.00	14.07 0.64 0.00	12.68 0.61 0.00	14.38 0.59 0.00	14.25 0.51 0.00	13.87 0.29 0.00	14.00 0.31 0.00	10.72 0.23 -1.19	12.50 0.31 0.00	14.62 0.34 0.00	14.92 0.54 0.00	17.84 0.86 0.07	19.01 1.14 0.00	23.58 1.67 -0.09	28.52 2.09 0.00	26.25 1.86 0.00	26.55 1.76 0.00	28.65 1.68 0.00	24.55 1.23 0.00	18.25 0.81 0.00
CPV_VALLEY___CC1 323721	17.04 0.36 0.00	15.88 0.30 0.00	13.85 0.25 0.00	13.73 0.28 0.00	12.70 0.24 0.00	13.64 0.22 0.00	12.25 0.17 0.00	13.99 0.20 0.00	13.99 0.25 0.00	13.85 0.26 0.00	14.01 0.32 0.00	7.49 0.23 2.04	12.50 0.31 0.00	14.64 0.37 0.00	14.78 0.41 0.00	17.65 0.52 -0.08	18.43 0.55 0.00	22.60 0.72 -0.06	27.22 0.78 0.00	25.10 0.72 0.00	25.51 0.72 0.00	27.65 0.69 0.00	23.83 0.50 0.00	17.72 0.28 0.00
CPV_VALLEY___CC2 323722	17.04 0.36 0.00	15.88 0.30 0.00	13.85 0.25 0.00	13.73 0.28 0.00	12.70 0.24 0.00	13.64 0.22 0.00	12.25 0.17 0.00	13.99 0.20 0.00	13.99 0.25 0.00	13.85 0.26 0.00	14.01 0.32 0.00	7.49 0.23 2.04	12.50 0.31 0.00	14.64 0.37 0.00	14.78 0.41 0.00	17.65 0.52 -0.08	18.43 0.55 0.00	22.60 0.72 -0.06	27.22 0.78 0.00	25.10 0.72 0.00	25.51 0.72 0.00	27.65 0.69 0.00	23.83 0.50 0.00	17.72 0.28 0.00
CRESCENT___HYD 24018	17.09 0.41 0.00	16.02 0.44 0.00	13.93 0.33 0.00	13.80 0.36 0.00	12.79 0.32 0.00	13.74 0.32 0.00	12.37 0.29 0.00	14.09 0.30 0.00	14.01 0.27 0.00	13.79 0.20 0.00	13.93 0.24 0.00	10.96 0.18 -1.48	12.42 0.23 0.00	14.54 0.26 0.00	14.69 0.32 0.00	17.31 0.44 0.18	18.48 0.61 0.00	22.83 0.91 -0.10	27.52 1.08 0.00	25.33 0.94 0.00	25.75 0.96 0.00	27.86 0.90 0.00	23.96 0.63 0.00	17.83 0.39 0.00
CRICKET___VALLEY_CC1 323756	17.11 0.43 0.00	15.95 0.37 0.00	13.89 0.29 0.00	13.78 0.33 0.00	12.75 0.29 0.00	13.68 0.26 0.00	12.30 0.23 0.00	14.04 0.25 0.00	13.99 0.26 0.00	13.85 0.27 0.00	14.03 0.34 0.00	11.88 0.25 -2.33	12.50 0.32 0.00	14.62 0.35 0.00	14.76 0.38 0.00	15.82 0.48 1.71	18.45 0.57 0.00	22.75 0.85 -0.08	27.38 0.94 0.00	25.22 0.84 0.00	25.63 0.84 0.00	27.72 0.76 0.00	23.83 0.50 0.00	17.73 0.29 0.00
CRICKET___VALLEY_CC2 323757	17.11 0.43 0.00	15.95 0.37 0.00	13.89 0.29 0.00	13.78 0.33 0.00	12.75 0.29 0.00	13.68 0.26 0.00	12.30 0.23 0.00	14.04 0.25 0.00	13.99 0.26 0.00	13.85 0.27 0.00	14.03 0.34 0.00	11.88 0.25 -2.33	12.50 0.32 0.00	14.62 0.35 0.00	14.76 0.38 0.00	15.82 0.48 1.71	18.45 0.57 0.00	22.75 0.85 -0.08	27.38 0.94 0.00	25.22 0.84 0.00	25.63 0.84 0.00	27.72 0.76 0.00	23.83 0.50 0.00	17.73 0.29 0.00
CRICKET___VALLEY_CC3 323758	17.11 0.43 0.00	15.95 0.37 0.00	13.89 0.29 0.00	13.78 0.33 0.00	12.75 0.29 0.00	13.68 0.26 0.00	12.30 0.23 0.00	14.04 0.25 0.00	13.99 0.26 0.00	13.85 0.27 0.00	14.03 0.34 0.00	11.88 0.25 -2.33	12.50 0.32 0.00	14.62 0.35 0.00	14.76 0.38 0.00	15.82 0.48 1.71	18.45 0.57 0.00	22.75 0.85 -0.08	27.38 0.94 0.00	25.22 0.84 0.00	25.63 0.84 0.00	27.72 0.76 0.00	23.83 0.50 0.00	17.73 0.29 0.00
CRUCIBLE_METL_DRP 24180	16.83 0.15 0.00	15.73 0.14 0.00	13.72 0.12 0.00	13.54 0.09 0.00	12.56 0.10 0.00	13.55 0.13 0.00	12.18 0.11 0.00	13.92 0.13 0.00	13.87 0.14 0.00	13.73 0.15 0.00	13.82 0.13 0.00	9.37 0.07 0.00	12.28 0.09 0.00	14.36 0.09 0.00	14.43 0.06 0.00	17.11 0.06 0.00	18.00 0.13 0.00	22.01 0.18 0.00	26.73 0.29 0.00	24.66 0.28 0.00	25.07 0.28 0.00	27.19 0.23 0.00	23.47 0.14 0.00	17.56 0.13 0.00
DAHOWA___HYDRO 323763	17.44 0.76 0.00	16.32 0.73 0.00	14.18 0.58 0.00	14.06 0.61 0.00	13.01 0.55 0.00	14.01 0.58 0.00	12.61 0.54 0.00	14.38 0.59 0.00	14.29 0.55 0.00	14.05 0.47 0.00	14.17 0.47 0.00	11.09 0.35 -1.44	12.63 0.44 0.00	14.77 0.49 0.00	14.95 0.57 0.00	17.66 0.77 0.15	18.84 0.96 0.00	23.24 1.32 -0.10	28.03 1.60 0.00	25.83 1.45 0.00	26.34 1.55 0.00	28.47 1.51 0.00	24.46 1.13 0.00	18.18 0.74 0.00
DANC___LFGE 323619	16.73 0.05 0.00	15.82 0.24 0.00	13.83 0.23 0.00	13.63 0.18 0.00	12.59 0.13 0.00	13.62 0.19 0.00	12.30 0.23 0.00	14.02 0.24 0.00	13.97 0.23 0.00	13.78 0.20 0.00	13.83 0.14 0.00	9.45 0.15 0.00	12.35 0.16 0.00	14.45 0.17 0.00	14.44 0.07 0.00	17.08 0.03 0.00	18.00 0.13 0.00	22.05 0.23 0.00	27.09 0.65 0.00	25.04 0.66 0.00	25.46 0.67 0.00	27.61 0.65 0.00	23.84 0.51 0.00	17.79 0.36 0.00
DANSKAMMER___1 23586	17.38 0.70 0.00	16.19 0.61 0.00	14.11 0.51 0.00	13.99 0.54 0.00	12.95 0.48 0.00	13.90 0.47 0.00	12.48 0.41 0.00	14.25 0.46 0.00	14.24 0.51 0.00	14.10 0.51 0.00	14.27 0.58 0.00	10.41 0.42 -0.70	12.74 0.55 0.00	14.93 0.65 0.00	15.09 0.72 0.00	18.03 0.90 -0.08	18.87 0.99 0.00	23.18 1.28 -0.08	27.89 1.46 0.00	25.71 1.32 0.00	26.12 1.33 0.00	28.28 1.32 0.00	24.33 1.01 0.00	18.07 0.64 0.00
DANSKAMMER___2 23589	17.38 0.70 0.00	16.19 0.61 0.00	14.11 0.51 0.00	13.99 0.54 0.00	12.95 0.48 0.00	13.90 0.47 0.00	12.48 0.41 0.00	14.25 0.46 0.00	14.24 0.51 0.00	14.10 0.51 0.00	14.27 0.58 0.00	10.41 0.42 -0.70	12.74 0.55 0.00	14.93 0.65 0.00	15.09 0.72 0.00	18.03 0.90 -0.08	18.87 0.99 0.00	23.18 1.28 -0.08	27.89 1.46 0.00	25.71 1.32 0.00	26.12 1.33 0.00	28.28 1.32 0.00	24.33 1.01 0.00	18.07 0.64 0.00
DANSKAMMER___3 23590	17.38 0.70 0.00	16.19 0.61 0.00	14.11 0.51 0.00	13.99 0.54 0.00	12.95 0.48 0.00	13.90 0.47 0.00	12.48 0.41 0.00	14.25 0.46 0.00	14.24 0.51 0.00	14.10 0.51 0.00	14.27 0.58 0.00	10.41 0.42 -0.70	12.74 0.55 0.00	14.93 0.65 0.00	15.09 0.72 0.00	18.03 0.90 -0.08	18.87 0.99 0.00	23.18 1.28 -0.08	27.89 1.46 0.00	25.71 1.32 0.00	26.12 1.33 0.00	28.28 1.32 0.00	24.33 1.01 0.00	18.07 0.64 0.00
DANSKAMMER___4 23591	17.38 0.70 0.00	16.19 0.61 0.00	14.11 0.51 0.00	13.99 0.54 0.00	12.95 0.48 0.00	13.90 0.47 0.00	12.48 0.41 0.00	14.25 0.46 0.00	14.24 0.51 0.00	14.10 0.51 0.00	14.27 0.58 0.00	10.41 0.42 -0.70	12.74 0.55 0.00	14.93 0.65 0.00	15.09 0.72 0.00	18.03 0.90 -0.08	18.87 0.99 0.00	23.18 1.28 -0.08	27.89 1.46 0.00	25.71 1.32 0.00	26.12 1.33 0.00	28.28 1.32 0.00	24.33 1.01 0.00	18.07 0.64 0.00
DANSKAMMER___DIESEL 23592	17.38 0.70 0.00	16.19 0.61 0.00	14.11 0.51 0.00	13.99 0.54 0.00	12.95 0.48 0.00	13.90 0.48 0.00	12.48 0.41 0.00	14.25 0.46 0.00	14.24 0.51 0.00	14.10 0.51 0.00	14.27 0.58 0.00	10.41 0.42 -0.70	12.74 0.55 0.00	14.93 0.65 0.00	15.09 0.72 0.00	18.03 0.90 -0.08	18.86 0.99 0.00	23.18 1.28 -0.08	27.89 1.46 0.00	25.70 1.32 0.00	26.12 1.33 0.00	28.28 1.32 0.00	24.34 1.01 0.00	18.08 0.64 0.00

DARBY___SOLAR 323810	17.39 0.72 0.00	16.28 0.70 0.00	14.15 0.55 0.00	14.02 0.57 0.00	12.98 0.51 0.00	13.97 0.54 0.00	12.58 0.50 0.00	14.33 0.54 0.00	14.24 0.51 0.00	14.00 0.42 0.00	14.12 0.43 0.00	11.07 0.32 -1.45	12.58 0.39 0.00	14.72 0.45 0.00	14.90 0.52 0.00	17.60 0.71 0.16	18.77 0.89 0.00	23.17 1.25 -0.10	27.94 1.51 0.00	25.74 1.36 0.00	26.23 1.44 0.00	28.35 1.39 0.00	24.38 1.05 0.00	18.12 0.69 0.00
DASHVILLE___HYD 23610	17.26 0.59 0.00	16.10 0.51 0.00	14.03 0.43 0.00	13.90 0.45 0.00	12.86 0.40 0.00	13.80 0.38 0.00	12.38 0.31 0.00	14.15 0.36 0.00	14.13 0.39 0.00	13.99 0.40 0.00	14.17 0.48 0.00	10.25 0.34 -0.61	12.65 0.46 0.00	14.81 0.54 0.00	14.98 0.61 0.00	17.88 0.80 -0.03	18.72 0.84 0.00	22.99 1.09 -0.08	27.65 1.22 0.00	25.47 1.08 0.00	25.88 1.08 0.00	28.02 1.06 0.00	24.12 0.79 0.00	17.92 0.48 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	19.58 1.74 -1.17	17.13 1.55 0.00	14.88 1.28 0.00	14.76 1.31 0.00	13.66 1.20 0.00	14.67 1.25 0.00	13.17 1.09 0.00	15.10 1.31 0.00	15.07 1.33 0.00	14.89 1.31 0.00	15.04 1.35 0.00	14.82 0.96 -4.56	13.47 1.28 0.00	15.78 1.50 -0.01	21.10 1.51 -5.22	34.92 1.90 -15.98	28.10 2.13 -8.10	24.93 2.71 -0.40	29.54 3.11 0.00	32.80 2.91 -5.51	32.63 2.81 -5.03	36.74 2.99 -6.79	35.19 2.36 -9.50	21.82 1.70 -2.68
DELAWARE___LFGE 323621	16.98 0.31 0.00	15.86 0.28 0.00	13.83 0.23 0.00	13.68 0.23 0.00	12.68 0.21 0.00	13.64 0.22 0.00	12.27 0.19 0.00	14.02 0.23 0.00	14.00 0.26 0.00	13.86 0.28 0.00	13.99 0.30 0.00	8.87 0.19 0.62	12.44 0.25 0.00	14.57 0.29 0.00	14.67 0.30 0.00	17.44 0.37 -0.02	18.29 0.42 0.00	22.39 0.55 -0.02	27.07 0.64 0.00	25.11 0.73 0.00	25.51 0.72 0.00	27.66 0.70 0.00	23.84 0.51 0.00	17.77 0.33 0.00
DERFIELD_115KV_TB7 355931	16.66 -0.02 0.00	15.58 0.00 0.00	13.60 0.00 0.00	13.45 0.00 0.00	12.46 0.00 0.00	13.42 -0.01 0.00	12.06 -0.01 0.00	13.78 -0.01 0.00	13.72 -0.02 0.00	13.56 -0.02 0.00	13.68 -0.01 0.00	9.29 -0.01 0.00	12.17 -0.02 0.00	14.25 -0.03 0.00	14.35 -0.03 0.00	17.03 -0.02 0.00	17.88 0.00 0.00	21.84 0.02 0.00	26.46 0.03 0.00	24.41 0.02 0.00	24.82 0.03 0.00	26.97 0.01 0.00	23.30 -0.02 0.00	17.42 -0.02 0.00
DOGLEVILLE___HYD 23807	16.45 -0.22 0.00	15.44 -0.14 0.00	13.45 -0.15 0.00	13.28 -0.17 0.00	12.33 -0.13 0.00	13.24 -0.18 0.00	11.93 -0.14 0.00	13.57 -0.22 0.00	13.47 -0.27 0.00	13.25 -0.34 0.00	13.40 -0.30 0.00	9.14 -0.16 0.00	11.92 -0.27 0.00	14.01 -0.26 0.00	14.20 -0.18 0.00	16.93 -0.12 0.00	17.87 -0.01 0.00	22.07 0.25 0.00	26.77 0.34 0.00	24.63 0.25 0.00	25.07 0.28 0.00	27.17 0.21 0.00	23.29 -0.04 0.00	17.25 -0.18 0.00
DUNKIRK___115KV_TB_200 55889	17.26 0.58 0.00	16.07 0.49 0.00	14.05 0.45 0.00	13.75 0.30 0.00	12.80 0.33 0.00	13.90 0.47 0.00	12.43 0.35 0.00	14.22 0.43 0.00	14.14 0.40 0.00	13.97 0.39 0.00	13.95 0.26 0.00	9.36 0.06 0.00	12.26 0.07 0.00	14.34 0.06 0.00	14.36 -0.02 0.00	16.99 -0.06 0.00	17.84 -0.03 0.00	21.70 -0.13 -0.01	26.34 -0.09 0.00	24.17 -0.21 0.00	24.70 -0.09 0.00	26.88 -0.08 0.00	23.22 -0.10 0.00	17.55 0.11 0.00
DUNKIRK___1 23563	17.26 0.58 0.00	16.07 0.49 0.00	14.05 0.45 0.00	13.75 0.30 0.00	12.80 0.33 0.00	13.90 0.47 0.00	12.43 0.35 0.00	14.22 0.43 0.00	14.14 0.40 0.00	13.97 0.39 0.00	13.95 0.26 0.00	9.36 0.06 0.00	12.26 0.07 0.00	14.34 0.06 0.00	14.36 -0.02 0.00	16.99 -0.06 0.00	17.84 -0.03 0.00	21.70 -0.13 -0.01	26.34 -0.09 0.00	24.17 -0.21 0.00	24.70 -0.09 0.00	26.88 -0.08 0.00	23.22 -0.10 0.00	17.55 0.11 0.00
DUNKIRK___2 23564	17.26 0.58 0.00	16.07 0.49 0.00	14.05 0.45 0.00	13.75 0.30 0.00	12.80 0.33 0.00	13.90 0.47 0.00	12.43 0.35 0.00	14.22 0.43 0.00	14.14 0.40 0.00	13.97 0.39 0.00	13.95 0.26 0.00	9.36 0.06 0.00	12.26 0.07 0.00	14.34 0.06 0.00	14.36 -0.02 0.00	16.99 -0.06 0.00	17.84 -0.03 0.00	21.70 -0.13 -0.01	26.34 -0.09 0.00	24.17 -0.21 0.00	24.70 -0.09 0.00	26.88 -0.08 0.00	23.22 -0.10 0.00	17.55 0.11 0.00
DUNKIRK___3 23565	17.16 0.48 0.00	15.99 0.40 0.00	13.97 0.38 0.00	13.69 0.24 0.00	12.74 0.27 0.00	13.82 0.40 0.00	12.36 0.29 0.00	14.14 0.35 0.00	14.08 0.34 0.00	13.91 0.33 0.00	13.88 0.19 0.00	9.31 0.01 0.00	12.19 0.00 0.00	14.26 -0.01 0.00	14.29 -0.09 0.00	16.91 -0.14 0.00	17.76 -0.12 0.00	21.59 -0.24 -0.01	26.20 -0.23 0.00	24.05 -0.33 0.00	24.57 -0.22 0.00	26.76 -0.20 0.00	23.12 -0.20 0.00	17.47 0.04 0.00
DUNKIRK___4 23566	17.24 0.56 0.00	16.04 0.46 0.00	14.03 0.43 0.00	13.73 0.28 0.00	12.77 0.31 0.00	13.88 0.45 0.00	12.41 0.34 0.00	14.19 0.40 0.00	14.10 0.36 0.00	13.94 0.35 0.00	13.92 0.23 0.00	9.34 0.04 0.00	12.22 0.03 0.00	14.29 0.02 0.00	14.32 -0.06 0.00	16.93 -0.12 0.00	17.79 -0.09 0.00	21.63 -0.20 -0.01	26.26 -0.18 0.00	24.08 -0.30 0.00	24.61 -0.18 0.00	26.77 -0.19 0.00	23.14 -0.18 0.00	17.50 0.07 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	17.35 0.67 0.00	16.16 0.57 0.00	14.09 0.49 0.00	13.97 0.52 0.00	12.93 0.46 0.00	13.87 0.45 0.00	12.46 0.38 0.00	14.23 0.44 0.00	14.24 0.50 0.00	14.10 0.52 0.00	14.30 0.61 0.00	14.33 0.44 -4.59	12.77 0.58 0.00	14.95 0.68 0.00	15.10 0.72 0.00	18.06 0.90 -0.10	18.84 0.96 0.00	23.11 1.21 -0.08	27.77 1.34 0.00	25.59 1.20 0.00	26.01 1.22 0.00	28.20 1.24 0.00	24.31 0.98 0.00	18.05 0.62 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	17.25 0.57 0.00	16.07 0.48 0.00	14.01 0.41 0.00	13.89 0.44 0.00	12.85 0.39 0.00	13.80 0.38 0.00	12.38 0.31 0.00	14.14 0.36 0.00	14.14 0.40 0.00	13.99 0.41 0.00	14.17 0.47 0.00	8.98 0.34 0.66	12.64 0.45 0.00	14.81 0.53 0.00	14.97 0.59 0.00	17.89 0.76 -0.08	18.69 0.82 0.00	22.95 1.06 -0.07	27.62 1.19 0.00	25.46 1.08 0.00	25.89 1.09 0.00	28.04 1.08 0.00	24.15 0.82 0.00	17.94 0.50 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	17.36 0.69 0.00	16.19 0.60 0.00	14.11 0.52 0.00	13.99 0.55 0.00	12.94 0.48 0.00	13.88 0.46 0.00	12.47 0.40 0.00	14.25 0.46 0.00	14.27 0.54 0.00	14.14 0.56 0.00	14.32 0.62 0.00	14.35 0.46 -4.59	12.80 0.61 0.00	14.98 0.70 0.00	15.13 0.75 0.00	18.10 0.94 -0.10	18.85 0.97 0.00	23.09 1.20 -0.08	27.77 1.34 0.00	25.61 1.22 0.00	26.04 1.25 0.00	28.24 1.28 0.00	24.36 1.03 0.00	18.05 0.62 0.00
E179THST_13_KV_LOAD 356214	17.44 0.76 0.00	16.26 0.67 0.00	14.17 0.57 0.00	14.05 0.60 0.00	12.99 0.52 0.00	13.93 0.51 0.00	12.52 0.45 0.00	14.30 0.52 0.00	14.33 0.59 0.00	14.20 0.61 0.00	14.38 0.69 0.00	14.39 0.50 -4.59	12.85 0.66 0.00	15.05 0.77 0.00	15.20 0.82 0.00	18.18 1.02 -0.10	18.94 1.06 0.00	23.20 1.31 -0.08	27.90 1.47 0.00	25.73 1.35 0.00	26.17 1.38 0.00	28.38 1.42 0.00	24.47 1.15 0.00	18.14 0.70 0.00

EAST HAMPTON___GT 23717	19.80 1.95 -1.17	17.33 1.75 0.00	15.06 1.46 0.00	14.93 1.48 0.00	13.82 1.35 0.00	14.84 1.42 0.00	13.32 1.25 0.00	15.28 1.49 0.00	15.25 1.51 0.00	15.08 1.50 0.00	15.24 1.55 0.00	14.95 1.09 -4.56	13.64 1.45 0.00	16.00 1.72 -0.01	21.32 1.73 -5.22	35.20 2.17 -15.98	28.41 2.43 -8.10	25.30 3.08 -0.40	29.98 3.54 0.00	33.20 3.31 -5.51	33.01 3.19 -5.03	37.14 3.39 -6.79	35.50 2.68 -9.50	22.03 1.92 -2.68
EAST RIVER___6 23660	17.40 0.72 0.00	16.19 0.61 0.00	14.15 0.55 0.00	14.03 0.59 0.00	12.98 0.52 0.00	13.93 0.50 0.00	12.51 0.43 0.00	14.29 0.50 0.00	14.33 0.59 0.00	14.20 0.62 0.00	14.41 0.72 0.00	14.41 0.52 -4.59	12.89 0.69 0.00	15.08 0.80 0.00	15.22 0.84 0.00	18.17 1.01 -0.10	18.93 1.06 0.00	23.20 1.31 -0.08	27.86 1.43 0.00	25.68 1.30 0.00	26.11 1.32 0.00	28.31 1.35 0.00	24.41 1.09 0.00	18.12 0.68 0.00
EAST RIVER___7 23524	17.40 0.72 0.00	16.19 0.61 0.00	14.15 0.55 0.00	14.03 0.59 0.00	12.98 0.52 0.00	13.93 0.50 0.00	12.51 0.43 0.00	14.29 0.50 0.00	14.33 0.59 0.00	14.20 0.62 0.00	14.41 0.72 0.00	14.41 0.52 -4.59	12.89 0.69 0.00	15.08 0.80 0.00	15.22 0.84 0.00	18.17 1.01 -0.10	18.93 1.06 0.00	23.20 1.31 -0.08	27.86 1.43 0.00	25.68 1.30 0.00	26.11 1.32 0.00	28.31 1.35 0.00	24.41 1.09 0.00	18.12 0.68 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	17.32 0.64 0.00	16.13 0.54 0.00	14.06 0.46 0.00	13.94 0.49 0.00	12.90 0.44 0.00	13.84 0.42 0.00	12.43 0.36 0.00	14.19 0.41 0.00	14.21 0.47 0.00	14.07 0.48 0.00	14.26 0.56 0.00	14.57 0.41 -4.86	12.74 0.55 0.00	14.91 0.64 0.00	15.06 0.68 0.00	18.01 0.85 -0.10	18.79 0.91 0.00	23.06 1.16 -0.08	27.71 1.28 0.00	25.54 1.15 0.00	25.96 1.17 0.00	28.14 1.18 0.00	24.24 0.92 0.00	18.01 0.57 0.00
EAST_HAMPTON___DIESEL 23722	19.80 1.96 -1.17	17.33 1.75 0.00	15.06 1.46 0.00	14.93 1.48 0.00	13.82 1.35 0.00	14.84 1.42 0.00	13.33 1.25 0.00	15.28 1.49 0.00	15.25 1.51 0.00	15.08 1.50 0.00	15.24 1.55 0.00	14.96 1.09 -4.56	13.64 1.45 0.00	16.00 1.72 -0.01	21.32 1.73 -5.22	35.21 2.18 -15.98	28.41 2.43 -8.10	25.30 3.08 -0.40	29.98 3.54 0.00	33.20 3.31 -5.51	33.01 3.19 -5.03	37.14 3.39 -6.79	35.50 2.68 -9.50	22.03 1.92 -2.68
EAST_PULASKI___ESR 323781	16.88 0.20 0.00	15.84 0.25 0.00	13.83 0.23 0.00	13.64 0.20 0.00	12.63 0.17 0.00	13.64 0.22 0.00	12.29 0.22 0.00	14.03 0.24 0.00	13.98 0.24 0.00	13.82 0.24 0.00	13.89 0.19 0.00	9.44 0.14 0.00	12.35 0.16 0.00	14.46 0.19 0.00	14.47 0.10 0.00	17.11 0.06 0.00	18.03 0.15 0.00	22.08 0.26 0.00	26.98 0.54 0.00	24.94 0.55 0.00	25.35 0.55 0.00	27.52 0.56 0.00	23.76 0.43 0.00	17.75 0.32 0.00
EAST_RIVER___1 323558	17.38 0.71 0.00	16.18 0.59 0.00	14.13 0.52 0.00	14.01 0.56 0.00	12.96 0.50 0.00	13.90 0.48 0.00	12.48 0.41 0.00	14.26 0.47 0.00	14.29 0.55 0.00	14.16 0.58 0.00	14.37 0.68 0.00	14.38 0.49 -4.59	12.85 0.66 0.00	15.03 0.75 0.00	15.17 0.80 0.00	18.14 0.98 -0.10	18.90 1.03 0.00	23.17 1.28 -0.08	27.82 1.39 0.00	25.64 1.26 0.00	26.07 1.28 0.00	28.28 1.32 0.00	24.38 1.06 0.00	18.10 0.66 0.00
EAST_RIVER___2 323559	17.40 0.72 0.00	16.19 0.61 0.00	14.15 0.55 0.00	14.03 0.59 0.00	12.98 0.52 0.00	13.93 0.50 0.00	12.51 0.43 0.00	14.29 0.50 0.00	14.33 0.59 0.00	14.20 0.62 0.00	14.41 0.72 0.00	14.41 0.52 -4.59	12.89 0.69 0.00	15.08 0.80 0.00	15.22 0.84 0.00	18.17 1.01 -0.10	18.93 1.06 0.00	23.20 1.31 -0.08	27.86 1.43 0.00	25.68 1.30 0.00	26.11 1.32 0.00	28.31 1.35 0.00	24.41 1.09 0.00	18.12 0.68 0.00
EAST___DELAWARE_HYD 23607	17.05 0.38 0.00	15.88 0.29 0.00	13.84 0.24 0.00	13.71 0.26 0.00	12.68 0.22 0.00	13.61 0.19 0.00	12.21 0.14 0.00	13.95 0.17 0.00	13.95 0.22 0.00	13.81 0.23 0.00	13.97 0.28 0.00	9.45 0.15 0.00	12.14 -0.04 0.00	14.24 -0.04 0.00	14.42 0.05 0.00	17.25 0.15 -0.05	18.03 0.15 0.00	22.12 0.24 -0.06	26.65 0.22 0.00	24.67 0.28 0.00	25.70 0.90 0.00	27.83 0.86 0.00	23.93 0.61 0.00	17.77 0.34 0.00
EIGHT_POINT___WT_PWR 323820	17.26 0.58 0.00	16.06 0.48 0.00	14.02 0.43 0.00	13.80 0.35 0.00	12.83 0.36 0.00	13.89 0.47 0.00	12.47 0.39 0.00	14.26 0.47 0.00	14.23 0.49 0.00	14.08 0.49 0.00	14.05 0.36 0.00	9.42 0.12 0.00	12.33 0.15 0.00	14.36 0.08 0.00	14.40 0.03 0.00	17.06 0.01 0.00	18.01 0.14 0.00	22.02 0.19 -0.01	26.76 0.33 0.00	24.71 0.33 0.00	25.21 0.42 0.00	27.35 0.39 0.00	23.59 0.26 0.00	17.75 0.31 0.00
ELBRIDGE_115KV_TB2 80188	16.69 0.01 0.00	15.61 0.02 0.00	13.62 0.02 0.00	13.42 -0.03 0.00	12.46 0.00 0.00	13.45 0.03 0.00	12.08 0.01 0.00	13.81 0.01 0.00	13.77 0.03 0.00	13.60 0.02 0.00	13.71 0.01 0.00	9.28 -0.02 0.00	12.17 -0.02 0.00	14.23 -0.05 0.00	14.31 -0.07 0.00	16.94 -0.11 0.00	17.82 -0.06 0.00	21.78 -0.05 0.00	26.46 0.03 0.00	24.43 0.05 0.00	24.82 0.03 0.00	26.91 -0.06 0.00	23.25 -0.07 0.00	17.39 -0.05 0.00
ELEC_TRO_TEK 24086	25.05 0.97 -7.41	16.44 0.84 -0.01	14.29 0.69 0.00	14.18 0.73 0.00	13.12 0.65 0.00	14.08 0.66 0.00	12.64 0.57 0.00	14.46 0.67 0.00	14.45 0.71 0.00	14.28 0.70 0.00	14.45 0.76 0.00	14.42 0.55 -4.56	12.93 0.74 0.00	15.19 0.88 -0.04	26.25 0.90 -10.98	62.75 1.08 -44.62	36.64 1.17 -17.60	26.12 1.51 -2.79	28.11 1.67 0.00	44.88 1.57 -18.93	53.51 1.53 -27.19	50.45 1.61 -21.88	48.96 1.28 -24.36	39.67 0.90 -21.34
ELLENBURG_WT_PWR 323604	16.55 -0.13 0.00	15.48 -0.10 0.00	13.59 -0.01 0.00	13.46 0.02 0.00	12.46 -0.01 0.00	13.45 0.03 0.00	12.11 0.04 0.00	13.93 0.15 0.00	13.90 0.16 0.00	13.88 0.30 0.00	13.99 0.30 0.00	9.51 0.22 0.00	12.53 0.35 0.00	14.72 0.44 0.00	14.89 0.51 0.00	17.62 0.57 0.00	18.41 0.54 0.00	22.35 0.54 0.00	27.09 0.65 0.00	25.05 0.67 0.00	25.51 0.72 0.00	27.70 0.74 0.00	23.99 0.66 0.00	17.94 0.51 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.14 0.46 0.00	15.93 0.34 0.00	13.94 0.34 0.00	13.63 0.18 0.00	12.67 0.21 0.00	13.80 0.37 0.00	12.33 0.26 0.00	14.08 0.30 0.00	13.95 0.21 0.00	13.80 0.22 0.00	13.78 0.08 0.00	9.25 -0.05 0.00	12.10 -0.08 0.00	14.13 -0.14 0.00	14.16 -0.22 0.00	16.72 -0.33 0.00	17.58 -0.30 0.00	21.36 -0.47 -0.01	25.93 -0.51 0.00	23.73 -0.66 0.00	24.24 -0.56 0.00	26.36 -0.60 0.00	22.83 -0.50 0.00	17.31 -0.13 0.00
EMPIRE_CC_1 323656	16.83 0.15 0.00	15.81 0.23 0.00	13.73 0.14 0.00	13.62 0.17 0.00	12.62 0.15 0.00	13.54 0.11 0.00	12.17 0.10 0.00	13.85 0.06 0.00	13.77 0.03 0.00	13.56 -0.02 0.00	13.75 0.06 0.00	11.02 0.07 -1.66	12.26 0.07 0.00	14.35 0.07 0.00	14.50 0.12 0.00	17.02 0.20 0.23	18.18 0.30 0.00	22.44 0.53 -0.09	27.05 0.61 0.00	24.89 0.51 0.00	25.29 0.49 0.00	27.35 0.39 0.00	23.54 0.22 0.00	17.56 0.12 0.00

EMPIRE_CC_2 323658	16.83 0.15 0.00	15.81 0.23 0.00	13.73 0.14 0.00	13.62 0.17 0.00	12.62 0.15 0.00	13.54 0.11 0.00	12.17 0.10 0.00	13.85 0.06 0.00	13.77 0.03 0.00	13.56 -0.02 0.00	13.75 0.06 0.00	11.02 0.07 -1.66	12.26 0.07 0.00	14.35 0.07 0.00	14.50 0.12 0.00	17.02 0.20 0.23	18.18 0.30 0.00	22.44 0.53 -0.09	27.05 0.61 0.00	24.89 0.51 0.00	25.29 0.49 0.00	27.35 0.39 0.00	23.54 0.22 0.00	17.56 0.12 0.00
ENORWICH_115KV_TB1 80156	17.64 0.97 0.00	16.47 0.89 0.00	14.36 0.76 0.00	14.14 0.69 0.00	13.13 0.66 0.00	14.19 0.77 0.00	12.81 0.74 0.00	14.67 0.88 0.00	14.61 0.87 0.00	14.54 0.96 0.00	14.68 0.99 0.00	9.91 0.61 0.00	12.94 0.75 0.00	15.15 0.87 0.00	15.20 0.83 0.00	18.04 0.99 0.00	19.10 1.22 0.00	23.51 1.68 -0.01	28.53 2.10 0.00	26.44 2.06 0.00	26.81 2.01 0.00	28.95 1.99 0.00	24.88 1.55 0.00	18.54 1.10 0.00
ERIE_ST__34_KV_TB1-2 80199	17.20 0.53 0.00	16.00 0.42 0.00	13.99 0.39 0.00	13.68 0.23 0.00	12.71 0.25 0.00	13.83 0.41 0.00	12.37 0.30 0.00	14.13 0.34 0.00	14.03 0.29 0.00	13.88 0.30 0.00	13.85 0.16 0.00	9.30 0.00 0.00	12.18 -0.01 0.00	14.23 -0.05 0.00	14.26 -0.11 0.00	16.86 -0.19 0.00	17.72 -0.16 0.00	21.54 -0.28 -0.01	26.17 -0.27 0.00	23.97 -0.41 0.00	24.50 -0.29 0.00	26.64 -0.32 0.00	23.05 -0.27 0.00	17.45 0.02 0.00
ERIE_WT_PWR 323693	17.20 0.52 0.00	15.76 0.41 0.23	13.84 0.39 0.15	13.68 0.23 0.00	12.72 0.26 0.00	13.76 0.42 0.09	12.14 0.31 0.25	14.14 0.36 0.00	14.02 0.28 0.00	13.87 0.28 0.00	13.84 0.15 0.00	9.29 0.00 0.00	12.17 -0.02 0.00	14.21 -0.06 0.00	14.24 -0.14 0.00	16.83 -0.22 0.00	17.69 -0.19 0.00	21.49 -0.33 -0.01	26.11 -0.33 0.00	23.90 -0.48 0.00	24.41 -0.38 0.00	26.55 -0.41 0.00	22.99 -0.34 0.00	17.41 -0.03 0.00
ESPRGFLD_115KV_TB1 80157	18.04 1.37 0.00	16.86 1.27 0.00	14.77 1.17 0.00	14.61 1.16 0.00	13.47 1.01 0.00	14.59 1.16 0.00	13.11 1.04 0.00	15.01 1.22 0.00	14.99 1.26 0.00	14.93 1.35 0.00	15.01 1.32 0.00	11.58 0.87 -1.40	13.31 1.12 0.00	15.53 1.25 0.00	15.56 1.19 0.00	18.17 1.24 0.12	19.13 1.26 0.00	23.32 1.54 0.04	28.41 1.98 0.00	26.35 1.97 0.00	26.75 1.95 0.00	29.20 2.24 0.00	25.33 2.01 0.00	18.97 1.53 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	17.02 0.35 0.00	15.90 0.32 0.00	13.87 0.28 0.00	13.68 0.23 0.00	12.70 0.24 0.00	13.70 0.28 0.00	12.32 0.25 0.00	14.09 0.30 0.00	14.05 0.31 0.00	13.92 0.34 0.00	14.02 0.32 0.00	9.48 0.17 0.00	12.40 0.21 0.00	14.50 0.22 0.00	14.57 0.19 0.00	17.30 0.25 0.00	18.23 0.35 0.00	22.33 0.50 -0.01	27.12 0.69 0.00	25.09 0.71 0.00	25.50 0.71 0.00	27.63 0.66 0.00	23.81 0.48 0.00	17.79 0.35 0.00
ETNA_____115KV_TB2 80207	17.02 0.35 0.00	15.90 0.32 0.00	13.87 0.28 0.00	13.68 0.23 0.00	12.70 0.24 0.00	13.70 0.28 0.00	12.32 0.25 0.00	14.09 0.30 0.00	14.05 0.31 0.00	13.92 0.34 0.00	14.02 0.32 0.00	9.48 0.17 0.00	12.40 0.21 0.00	14.50 0.22 0.00	14.57 0.19 0.00	17.30 0.25 0.00	18.23 0.35 0.00	22.33 0.50 -0.01	27.12 0.69 0.00	25.09 0.71 0.00	25.50 0.71 0.00	27.63 0.66 0.00	23.81 0.48 0.00	17.79 0.35 0.00
EUCLID__115KV_TB2 356179	16.61 -0.07 0.00	15.51 -0.08 0.00	13.53 -0.07 0.00	13.36 -0.09 0.00	12.39 -0.08 0.00	13.37 -0.06 0.00	12.01 -0.06 0.00	13.72 -0.07 0.00	13.67 -0.07 0.00	13.53 -0.06 0.00	13.62 -0.08 0.00	9.23 -0.07 0.00	12.09 -0.10 0.00	14.15 -0.13 0.00	14.22 -0.16 0.00	16.86 -0.19 0.00	17.73 -0.15 0.00	21.65 -0.17 0.00	26.26 -0.18 0.00	24.22 -0.16 0.00	24.64 -0.16 0.00	26.73 -0.23 0.00	23.09 -0.24 0.00	17.30 -0.14 0.00
E_CANADA_CAP_HY 24051	18.02 1.34 0.00	16.83 1.25 0.00	14.74 1.14 0.00	14.59 1.14 0.00	13.45 0.98 0.00	14.56 1.14 0.00	13.09 1.01 0.00	14.97 1.18 0.00	14.95 1.21 0.00	14.88 1.30 0.00	14.96 1.27 0.00	11.55 0.84 -1.40	13.27 1.08 0.00	15.49 1.22 0.00	15.53 1.15 0.00	18.12 1.19 0.12	19.09 1.22 0.00	23.45 1.53 -0.10	28.41 1.97 0.00	26.33 1.95 0.00	26.73 1.94 0.00	29.20 2.24 0.00	25.31 1.98 0.00	18.93 1.50 0.00
E_CANADA_MHWK_HY 24050	16.45 -0.22 0.00	15.44 -0.14 0.00	13.45 -0.15 0.00	13.28 -0.17 0.00	12.33 -0.13 0.00	13.24 -0.18 0.00	11.93 -0.14 0.00	13.57 -0.22 0.00	13.47 -0.27 0.00	13.25 -0.34 0.00	13.40 -0.30 0.00	9.14 -0.16 0.00	11.92 -0.27 0.00	14.01 -0.26 0.00	14.20 -0.18 0.00	16.93 -0.12 0.00	17.87 -0.01 0.00	22.07 0.25 0.00	26.77 0.34 0.00	24.63 0.25 0.00	25.07 0.28 0.00	27.17 0.21 0.00	23.29 -0.04 0.00	17.25 -0.18 0.00
E_FISHKILL__LBMP 23776	17.23 0.55 0.00	16.06 0.48 0.00	13.99 0.39 0.00	13.88 0.43 0.00	12.84 0.38 0.00	13.79 0.36 0.00	12.38 0.30 0.00	14.13 0.34 0.00	14.12 0.38 0.00	13.97 0.39 0.00	14.15 0.46 0.00	11.67 0.34 -2.03	12.63 0.44 0.00	14.79 0.51 0.00	14.93 0.55 0.00	17.86 0.70 -0.11	18.65 0.77 0.00	22.91 1.01 -0.08	27.56 1.13 0.00	25.39 1.00 0.00	25.81 1.01 0.00	27.96 0.99 0.00	24.07 0.75 0.00	17.90 0.46 0.00
FALCON__SEABRD_CC1 323796	16.70 0.02 0.00	15.62 0.04 0.00	13.72 0.12 0.00	13.59 0.14 0.00	12.58 0.12 0.00	13.59 0.16 0.00	12.25 0.17 0.00	14.09 0.30 0.00	14.04 0.30 0.00	14.02 0.44 0.00	14.14 0.45 0.00	9.61 0.31 0.00	12.68 0.49 0.00	14.88 0.61 0.00	15.08 0.71 0.00	17.86 0.81 0.00	18.66 0.79 0.00	22.64 0.82 0.00	27.41 0.98 0.00	25.37 0.99 0.00	25.84 1.05 0.00	28.01 1.05 0.00	24.24 0.91 0.00	18.12 0.68 0.00
FALCON__SEABRD_CC2 323797	16.70 0.02 0.00	15.62 0.04 0.00	13.72 0.12 0.00	13.59 0.14 0.00	12.58 0.12 0.00	13.59 0.16 0.00	12.25 0.17 0.00	14.09 0.30 0.00	14.04 0.30 0.00	14.02 0.44 0.00	14.14 0.45 0.00	9.61 0.31 0.00	12.68 0.49 0.00	14.88 0.61 0.00	15.08 0.71 0.00	17.86 0.81 0.00	18.66 0.79 0.00	22.64 0.82 0.00	27.41 0.98 0.00	25.37 0.99 0.00	25.84 1.05 0.00	28.01 1.05 0.00	24.24 0.91 0.00	18.12 0.68 0.00
FAR ROCKAWAY__4 23548	31.72 1.22 -13.83	16.70 1.09 -0.03	14.50 0.90 0.00	14.39 0.94 0.00	13.30 0.84 0.00	14.28 0.86 0.00	12.82 0.75 0.00	14.66 0.88 0.00	14.65 0.91 0.00	14.50 0.91 0.00	14.66 0.97 0.00	14.56 0.69 -4.56	13.13 0.94 0.00	15.48 1.14 -0.07	27.97 1.10 -12.50	82.18 1.31 -63.82	40.00 1.43 -20.70	29.24 1.88 -5.54	28.61 2.17 0.00	56.55 2.00 -30.16	77.05 1.83 -50.42	62.75 2.00 -33.79	57.29 1.58 -32.38	60.06 1.17 -41.45
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	17.38 0.71 0.00	16.18 0.60 0.00	14.13 0.53 0.00	14.01 0.56 0.00	12.96 0.50 0.00	13.90 0.48 0.00	12.49 0.41 0.00	14.26 0.47 0.00	14.29 0.55 0.00	14.16 0.58 0.00	14.37 0.68 0.00	14.37 0.49 -4.59	12.84 0.65 0.00	15.03 0.75 0.00	15.17 0.80 0.00	18.14 0.98 -0.10	18.90 1.03 0.00	23.17 1.28 -0.08	27.82 1.39 0.00	25.65 1.26 0.00	26.08 1.29 0.00	28.28 1.32 0.00	24.39 1.06 0.00	18.10 0.67 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	17.39 0.72 0.00	16.19 0.61 0.00	14.13 0.54 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.91 0.48 0.00	12.49 0.42 0.00	14.27 0.48 0.00	14.30 0.56 0.00	14.17 0.59 0.00	14.37 0.68 0.00	14.38 0.49 -4.59	12.85 0.66 0.00	15.03 0.75 0.00	15.18 0.80 0.00	18.14 0.99 -0.10	18.91 1.04 0.00	23.18 1.29 -0.08	27.84 1.41 0.00	25.65 1.27 0.00	26.09 1.30 0.00	28.31 1.34 0.00	24.40 1.08 0.00	18.11 0.68 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	17.38 0.70 0.00	16.18 0.59 0.00	14.12 0.52 0.00	14.01 0.56 0.00	12.96 0.49 0.00	13.90 0.47 0.00	12.48 0.41 0.00	14.25 0.46 0.00	14.29 0.55 0.00	14.15 0.57 0.00	14.36 0.66 0.00	14.37 0.48 -4.59	12.83 0.65 0.00	15.02 0.74 0.00	15.16 0.79 0.00	18.13 0.97 -0.10	18.89 1.02 0.00	23.15 1.26 -0.08	27.80 1.37 0.00	25.63 1.24 0.00	26.06 1.27 0.00	28.27 1.30 0.00	24.38 1.05 0.00	18.09 0.66 0.00
FARRAGUT___LBMP 323566	17.37 0.69 0.00	16.16 0.58 0.00	14.11 0.51 0.00	13.99 0.55 0.00	12.95 0.49 0.00	13.89 0.46 0.00	12.47 0.40 0.00	14.24 0.45 0.00	14.27 0.54 0.00	14.14 0.56 0.00	14.34 0.65 0.00	14.36 0.48 -4.59	12.82 0.63 0.00	15.01 0.73 0.00	15.15 0.77 0.00	18.11 0.95 -0.10	18.88 1.00 0.00	23.14 1.25 -0.08	27.79 1.36 0.00	25.60 1.22 0.00	26.04 1.25 0.00	28.25 1.29 0.00	24.36 1.03 0.00	18.08 0.64 0.00
FENNER___WINDPWR 24204	16.91 0.23 0.00	15.82 0.24 0.00	13.81 0.22 0.00	13.64 0.19 0.00	12.65 0.18 0.00	13.63 0.21 0.00	12.27 0.20 0.00	14.03 0.23 0.00	13.97 0.23 0.00	13.83 0.25 0.00	13.95 0.26 0.00	9.46 0.16 0.00	12.40 0.21 0.00	14.50 0.22 0.00	14.59 0.21 0.00	17.28 0.23 0.00	18.20 0.33 0.00	22.31 0.48 0.00	27.08 0.64 0.00	25.00 0.62 0.00	25.41 0.62 0.00	27.55 0.59 0.00	23.75 0.43 0.00	17.75 0.32 0.00
FIBERTEK___ENERGY 23856	16.83 0.15 0.00	15.73 0.14 0.00	13.72 0.12 0.00	13.54 0.09 0.00	12.56 0.10 0.00	13.55 0.13 0.00	12.18 0.11 0.00	13.92 0.13 0.00	13.87 0.14 0.00	13.73 0.15 0.00	13.82 0.13 0.00	9.37 0.07 0.00	12.28 0.09 0.00	14.36 0.09 0.00	14.43 0.06 0.00	17.11 0.06 0.00	18.00 0.13 0.00	22.01 0.18 0.00	26.73 0.29 0.00	24.66 0.28 0.00	25.07 0.28 0.00	27.19 0.23 0.00	23.47 0.14 0.00	17.56 0.13 0.00
FITZPATRICK____ 23598	16.35 -0.33 0.00	15.28 -0.31 0.00	13.34 -0.26 0.00	13.16 -0.28 0.00	12.21 -0.25 0.00	13.17 -0.26 0.00	11.84 -0.24 0.00	13.52 -0.27 0.00	13.46 -0.27 0.00	13.32 -0.26 0.00	13.41 -0.28 0.00	9.10 -0.20 0.00	11.91 -0.28 0.00	13.94 -0.33 0.00	14.02 -0.36 0.00	16.61 -0.44 0.00	17.45 -0.42 0.00	21.31 -0.52 0.00	25.82 -0.61 0.00	23.83 -0.56 0.00	24.23 -0.56 0.00	26.31 -0.65 0.00	22.74 -0.58 0.00	17.05 -0.39 0.00
FLOWRFLD_69_KV_BK1 356044	19.19 1.30 -1.21	16.72 1.14 0.00	14.53 0.93 0.00	14.42 0.97 0.00	13.34 0.88 0.00	14.32 0.90 0.00	12.86 0.78 0.00	14.74 0.95 0.00	14.70 0.96 0.00	14.51 0.93 0.00	14.66 0.97 0.00	14.56 0.70 -4.56	13.13 0.94 0.00	15.38 1.10 -0.01	20.75 1.12 -5.25	34.64 1.42 -16.16	27.60 1.57 -8.16	24.26 2.02 -0.42	28.71 2.28 0.00	32.11 2.14 -5.59	32.03 2.06 -5.17	36.07 2.22 -6.89	34.68 1.76 -9.60	21.51 1.27 -2.81
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	17.41 0.74 0.00	16.22 0.64 0.00	14.14 0.54 0.00	14.01 0.56 0.00	12.96 0.50 0.00	13.93 0.50 0.00	12.50 0.43 0.00	14.28 0.49 0.00	14.27 0.53 0.00	14.12 0.54 0.00	14.30 0.61 0.00	10.62 0.43 -0.89	12.77 0.58 0.00	14.96 0.69 0.00	15.12 0.75 0.00	18.07 0.94 -0.08	18.90 1.03 0.00	23.23 1.33 -0.08	27.95 1.52 0.00	25.76 1.38 0.00	26.17 1.38 0.00	28.33 1.37 0.00	24.38 1.06 0.00	18.11 0.67 0.00
FORT ORANGE____ 23900	16.88 0.20 0.00	15.83 0.24 0.00	13.76 0.16 0.00	13.65 0.20 0.00	12.67 0.21 0.00	13.59 0.17 0.00	12.24 0.16 0.00	13.88 0.10 0.00	13.81 0.07 0.00	13.62 0.03 0.00	13.77 0.08 0.00	10.83 0.09 -1.44	12.29 0.10 0.00	14.36 0.08 0.00	14.54 0.16 0.00	17.19 0.27 0.13	18.28 0.40 0.00	22.55 0.63 -0.10	27.19 0.75 0.00	25.02 0.63 0.00	25.37 0.58 0.00	27.45 0.49 0.00	23.62 0.29 0.00	17.58 0.14 0.00
FORT_DRUM_COGEN 23780	16.74 0.06 0.00	15.90 0.31 0.00	13.92 0.33 0.00	13.71 0.26 0.00	12.65 0.19 0.00	13.70 0.27 0.00	12.40 0.33 0.00	14.13 0.35 0.00	14.07 0.33 0.00	13.85 0.27 0.00	13.87 0.18 0.00	9.53 0.23 0.00	12.44 0.25 0.00	14.53 0.26 0.00	14.51 0.13 0.00	17.16 0.11 0.00	18.14 0.26 0.00	22.22 0.40 0.00	27.46 1.03 0.00	25.41 1.03 0.00	25.83 1.04 0.00	27.98 1.02 0.00	24.11 0.79 0.00	17.96 0.53 0.00
FPL_FAR_ROCK_GT1 24212	31.72 1.22 -13.83	16.70 1.09 -0.03	14.51 0.90 0.00	14.39 0.94 0.00	13.30 0.84 0.00	14.28 0.86 0.00	12.82 0.75 0.00	14.67 0.88 0.00	14.66 0.91 0.00	14.50 0.91 0.00	14.66 0.97 0.00	14.56 0.69 -4.56	13.13 0.93 0.00	15.48 1.14 -0.07	27.98 1.10 -12.50	82.18 1.31 -63.82	40.00 1.43 -20.70	29.24 1.88 -5.54	28.61 2.17 0.00	56.55 2.00 -30.16	77.05 1.83 -50.42	62.75 2.00 -33.79	57.29 1.58 -32.38	60.06 1.17 -41.45
FPL_FAR_ROCK_GT2 23815	31.72 1.22 -13.83	16.70 1.09 -0.03	14.51 0.90 0.00	14.39 0.94 0.00	13.30 0.84 0.00	14.28 0.86 0.00	12.82 0.75 0.00	14.67 0.88 0.00	14.66 0.91 0.00	14.50 0.91 0.00	14.66 0.97 0.00	14.56 0.69 -4.56	13.13 0.93 0.00	15.48 1.14 -0.07	27.98 1.10 -12.50	82.18 1.31 -63.82	40.00 1.43 -20.70	29.24 1.88 -5.54	28.61 2.17 0.00	56.55 2.00 -30.16	77.05 1.83 -50.42	62.75 2.00 -33.79	57.29 1.58 -32.38	60.06 1.17 -41.45
FRANKLIN_FALL_HYD 24054	16.61 -0.07 0.00	15.53 -0.06 0.00	13.61 0.02 0.00	13.48 0.03 0.00	12.47 0.01 0.00	13.47 0.04 0.00	12.15 0.07 0.00	13.98 0.19 0.00	13.93 0.19 0.00	13.89 0.31 0.00	13.96 0.27 0.00	9.49 0.19 0.00	12.49 0.30 0.00	14.68 0.41 0.00	14.82 0.44 0.00	17.56 0.51 0.00	18.33 0.46 0.00	22.27 0.45 0.00	27.06 0.62 0.00	25.05 0.67 0.00	25.48 0.69 0.00	27.70 0.74 0.00	23.99 0.67 0.00	17.93 0.49 0.00
FREEPORT_EQUS_GT1 23764	23.72 1.11 -5.94	16.56 0.96 -0.01	14.39 0.79 0.00	14.27 0.82 0.00	13.20 0.74 0.00	14.17 0.75 0.00	12.72 0.65 0.00	14.56 0.77 0.00	14.54 0.80 0.00	14.38 0.80 0.00	14.54 0.85 0.00	14.48 0.62 -4.56	13.01 0.82 0.00	15.28 0.98 -0.03	23.75 1.01 -8.36	52.40 1.22 -34.13	32.55 1.26 -13.42	25.69 1.71 -2.17	28.35 1.91 0.00	40.67 1.79 -14.50	47.41 1.75 -20.88	45.50 1.76 -16.77	43.69 1.45 -18.92	35.68 1.05 -17.19
FREEPORT___CT2 23818	23.72 1.11 -5.94	16.56 0.96 -0.01	14.39 0.79 0.00	14.27 0.82 0.00	13.20 0.74 0.00	14.17 0.75 0.00	12.72 0.65 0.00	14.56 0.77 0.00	14.54 0.80 0.00	14.38 0.80 0.00	14.54 0.85 0.00	14.48 0.62 -4.56	13.01 0.82 0.00	15.28 0.98 -0.03	23.75 1.01 -8.36	52.40 1.22 -34.13	32.55 1.26 -13.42	25.69 1.71 -2.17	28.35 1.91 0.00	40.67 1.79 -14.50	47.41 1.75 -20.88	45.50 1.76 -16.77	43.69 1.45 -18.92	35.68 1.05 -17.19

FRESHKLS_33_KV_LOAD 356253	17.26 0.59 0.00	16.06 0.48 0.00	14.03 0.43 0.00	13.97 0.52 0.00	12.93 0.46 0.00	13.87 0.44 0.00	12.45 0.38 0.00	14.23 0.44 0.00	14.25 0.51 0.00	14.06 0.48 0.00	14.26 0.56 0.00	13.97 0.50 -4.17	12.84 0.65 0.00	15.03 0.76 0.00	15.16 0.78 0.00	18.17 1.01 -0.10	18.92 1.05 0.00	23.22 1.33 -0.08	27.83 1.40 0.00	25.67 1.28 -0.01	26.09 1.29 -0.01	27.96 1.32 0.31	24.41 1.09 0.00	18.11 0.68 0.00
FULTON COGEN____ 23766	16.94 0.27 0.00	15.84 0.25 0.00	13.82 0.22 0.00	13.64 0.20 0.00	12.64 0.18 0.00	13.64 0.22 0.00	12.28 0.21 0.00	14.02 0.23 0.00	13.97 0.23 0.00	13.84 0.27 0.00	13.95 0.25 0.00	9.46 0.16 0.00	12.39 0.20 0.00	14.49 0.22 0.00	14.54 0.16 0.00	17.22 0.17 0.00	18.15 0.27 0.00	22.22 0.39 0.00	27.00 0.57 0.00	24.93 0.54 0.00	25.34 0.55 0.00	27.49 0.53 0.00	23.71 0.38 0.00	17.73 0.30 0.00
FULTON____LFGE 323630	18.35 1.67 0.00	17.13 1.54 0.00	14.95 1.36 0.00	14.79 1.34 0.00	13.67 1.21 0.00	14.77 1.34 0.00	13.29 1.22 0.00	14.96 1.17 0.00	14.63 0.89 0.00	14.41 0.83 0.00	14.76 1.07 0.00	11.41 0.70 -1.40	13.21 1.02 0.00	15.25 0.97 0.00	15.57 1.19 0.00	18.26 1.33 0.12	19.48 1.60 0.00	24.30 2.38 -0.10	29.53 3.10 0.00	27.32 2.93 0.00	27.68 2.89 0.00	30.01 3.05 0.00	25.84 2.51 0.00	19.23 1.79 0.00
G.F.CEMENT____DRP 24184	17.60 0.92 0.00	16.46 0.88 0.00	14.29 0.70 0.00	14.17 0.72 0.00	13.11 0.64 0.00	14.12 0.70 0.00	12.72 0.65 0.00	14.52 0.73 0.00	14.43 0.69 0.00	14.18 0.60 0.00	14.29 0.60 0.00	11.16 0.42 -1.43	12.74 0.55 0.00	14.88 0.61 0.00	15.07 0.69 0.00	17.82 0.91 0.15	18.99 1.12 0.00	23.40 1.48 -0.10	28.22 1.78 0.00	26.02 1.63 0.00	26.60 1.80 0.00	28.71 1.75 0.00	24.67 1.35 0.00	18.32 0.88 0.00
GARDENVILLE____LBMP 24039	17.16 0.48 0.00	15.95 0.37 0.00	13.95 0.36 0.00	13.65 0.20 0.00	12.69 0.23 0.00	13.81 0.38 0.00	12.35 0.28 0.00	14.11 0.32 0.00	13.98 0.24 0.00	13.83 0.24 0.00	13.80 0.11 0.00	9.27 -0.03 0.00	12.13 -0.06 0.00	14.17 -0.11 0.00	14.19 -0.18 0.00	16.77 -0.28 0.00	17.63 -0.25 0.00	21.42 -0.41 -0.01	26.01 -0.43 0.00	23.81 -0.57 0.00	24.32 -0.47 0.00	26.45 -0.51 0.00	22.90 -0.42 0.00	17.36 -0.08 0.00
GARDNVLA_35_KV_LD 355827	17.21 0.54 0.00	16.01 0.42 0.00	14.00 0.40 0.00	13.69 0.24 0.00	12.73 0.27 0.00	13.86 0.43 0.00	12.39 0.31 0.00	14.16 0.37 0.00	14.03 0.29 0.00	13.88 0.30 0.00	13.86 0.17 0.00	9.31 0.01 0.00	12.19 0.00 0.00	14.24 -0.04 0.00	14.26 -0.11 0.00	16.85 -0.20 0.00	17.72 -0.16 0.00	21.53 -0.30 -0.01	26.14 -0.29 0.00	23.94 -0.44 0.00	24.46 -0.33 0.00	26.60 -0.36 0.00	23.02 -0.30 0.00	17.44 0.00 0.00
GELCKHM__115KV_LOAD 80723	16.69 0.01 0.00	15.59 0.00 0.00	13.60 0.00 0.00	13.43 -0.02 0.00	12.45 -0.01 0.00	13.43 0.01 0.00	12.08 0.00 0.00	13.79 0.00 0.00	13.74 0.00 0.00	13.60 0.02 0.00	13.69 0.00 0.00	9.28 -0.02 0.00	12.16 -0.03 0.00	14.23 -0.05 0.00	14.30 -0.08 0.00	16.95 -0.10 0.00	17.83 -0.05 0.00	21.78 -0.04 0.00	26.43 -0.01 0.00	24.38 0.00 0.00	24.79 0.00 0.00	26.90 -0.06 0.00	23.23 -0.09 0.00	17.40 -0.04 0.00
GENERAL____MILLS 23808	17.19 0.51 0.00	15.98 0.40 0.00	13.98 0.38 0.00	13.67 0.22 0.00	12.71 0.25 0.00	13.84 0.41 0.00	12.37 0.30 0.00	14.13 0.34 0.00	14.01 0.27 0.00	13.86 0.28 0.00	13.83 0.14 0.00	9.29 -0.01 0.00	12.16 -0.03 0.00	14.20 -0.07 0.00	14.23 -0.15 0.00	16.81 -0.24 0.00	17.67 -0.20 0.00	21.48 -0.35 -0.01	26.08 -0.36 0.00	23.88 -0.50 0.00	24.40 -0.39 0.00	26.53 -0.43 0.00	22.97 -0.36 0.00	17.40 -0.04 0.00
GE_PLASTICS____DRP 24183	16.90 0.23 0.00	15.85 0.26 0.00	13.79 0.19 0.00	13.67 0.23 0.00	12.69 0.22 0.00	13.61 0.19 0.00	12.24 0.16 0.00	13.90 0.12 0.00	13.84 0.10 0.00	13.66 0.08 0.00	13.81 0.12 0.00	10.86 0.12 -1.45	12.33 0.14 0.00	14.41 0.13 0.00	14.57 0.19 0.00	17.23 0.28 0.10	18.26 0.39 0.00	22.51 0.60 -0.10	27.12 0.69 0.00	24.95 0.56 0.00	25.34 0.54 0.00	27.43 0.47 0.00	23.62 0.29 0.00	17.59 0.16 0.00
GILBOA____1 23756	17.13 0.46 0.00	16.11 0.53 0.00	14.03 0.43 0.00	13.91 0.46 0.00	12.88 0.41 0.00	13.83 0.41 0.00	12.36 0.29 0.00	14.03 0.24 0.00	13.98 0.24 0.00	13.81 0.23 0.00	13.97 0.28 0.00	11.07 0.21 -1.56	12.46 0.27 0.00	14.58 0.30 0.00	14.72 0.34 0.00	17.50 0.45 0.00	18.42 0.55 0.00	22.68 0.76 -0.09	27.30 0.87 0.00	25.02 0.64 0.00	25.44 0.65 0.00	27.57 0.61 0.00	23.76 0.43 0.00	17.70 0.26 0.00
GILBOA____2 23757	17.13 0.46 0.00	16.11 0.53 0.00	14.03 0.43 0.00	13.91 0.46 0.00	12.88 0.41 0.00	13.83 0.41 0.00	12.36 0.29 0.00	14.03 0.24 0.00	13.98 0.24 0.00	13.81 0.23 0.00	13.97 0.28 0.00	11.07 0.21 -1.56	12.46 0.27 0.00	14.58 0.30 0.00	14.72 0.34 0.00	17.50 0.45 0.00	18.42 0.55 0.00	22.68 0.76 -0.09	27.30 0.87 0.00	25.02 0.64 0.00	25.44 0.65 0.00	27.57 0.61 0.00	23.76 0.43 0.00	17.70 0.26 0.00
GILBOA____3 23758	17.13 0.46 0.00	16.11 0.53 0.00	14.03 0.43 0.00	13.91 0.46 0.00	12.88 0.41 0.00	13.83 0.41 0.00	12.36 0.29 0.00	14.03 0.24 0.00	13.98 0.24 0.00	13.81 0.23 0.00	13.97 0.28 0.00	11.07 0.21 -1.56	12.46 0.27 0.00	14.58 0.30 0.00	14.72 0.34 0.00	17.50 0.45 0.00	18.42 0.55 0.00	22.68 0.76 -0.09	27.30 0.87 0.00	25.02 0.64 0.00	25.44 0.65 0.00	27.57 0.61 0.00	23.76 0.43 0.00	17.70 0.26 0.00
GILBOA____4 23759	17.13 0.46 0.00	16.11 0.53 0.00	14.03 0.43 0.00	13.91 0.46 0.00	12.88 0.41 0.00	13.83 0.41 0.00	12.36 0.29 0.00	14.03 0.24 0.00	13.98 0.24 0.00	13.81 0.23 0.00	13.97 0.28 0.00	11.07 0.21 -1.56	12.46 0.27 0.00	14.58 0.30 0.00	14.72 0.34 0.00	17.50 0.45 0.00	18.42 0.55 0.00	22.68 0.76 -0.09	27.30 0.87 0.00	25.02 0.64 0.00	25.44 0.65 0.00	27.57 0.61 0.00	23.76 0.43 0.00	17.70 0.26 0.00
GILBOA____ 23599	17.13 0.46 0.00	16.11 0.53 0.00	14.03 0.43 0.00	13.91 0.46 0.00	12.88 0.42 0.00	13.83 0.41 0.00	12.36 0.29 0.00	14.03 0.24 0.00	13.98 0.24 0.00	13.81 0.23 0.00	13.97 0.28 0.00	11.07 0.21 -1.56	12.46 0.27 0.00	14.58 0.30 0.00	14.72 0.34 0.00	17.50 0.45 0.00	18.42 0.54 0.00	22.68 0.76 -0.09	27.30 0.87 0.00	25.03 0.64 0.00	25.44 0.65 0.00	27.57 0.61 0.00	23.76 0.43 0.00	17.70 0.26 0.00
GINNA____ 23603	16.19 -0.49 0.00	14.98 -0.52 0.08	13.11 -0.43 0.05	12.94 -0.51 0.00	12.01 -0.45 0.00	12.99 -0.40 0.03	11.60 -0.38 0.09	13.34 -0.45 0.00	13.26 -0.48 0.00	13.12 -0.46 0.00	13.16 -0.53 0.00	8.89 -0.41 0.00	11.64 -0.55 0.00	13.60 -0.68 0.00	13.66 -0.72 0.00	16.18 -0.87 0.00	17.07 -0.81 0.00	20.77 -1.05 0.00	25.26 -1.18 0.00	23.20 -1.18 0.00	23.62 -1.17 0.00	25.63 -1.33 0.00	22.14 -1.19 0.00	16.66 -0.78 0.00

GLEN PARK____ 23778	16.86 0.18 0.00	15.99 0.41 0.00	14.00 0.41 0.00	13.79 0.34 0.00	12.73 0.27 0.00	13.78 0.35 0.00	12.47 0.40 0.00	14.22 0.43 0.00	14.14 0.40 0.00	13.91 0.33 0.00	13.92 0.22 0.00	9.58 0.28 0.00	12.50 0.31 0.00	14.59 0.32 0.00	14.55 0.18 0.00	17.21 0.16 0.00	18.21 0.34 0.00	22.30 0.48 0.00	27.66 1.23 0.00	25.61 1.22 0.00	26.03 1.24 0.00	28.18 1.21 0.00	24.27 0.95 0.00	18.07 0.64 0.00
GLENDALDE_27_KV_LOAD 356172	17.47 0.79 0.00	16.26 0.67 0.00	14.18 0.58 0.00	14.06 0.61 0.00	13.01 0.54 0.00	13.95 0.53 0.00	12.53 0.46 0.00	14.32 0.53 0.00	14.35 0.61 0.00	14.22 0.64 0.00	14.42 0.73 0.00	14.42 0.54 -4.59	12.90 0.71 0.00	15.11 0.83 0.00	15.26 0.88 0.00	18.24 1.09 -0.10	19.01 1.14 0.00	23.29 1.39 -0.08	27.98 1.54 0.00	25.77 1.39 0.00	26.23 1.44 0.00	28.47 1.51 0.00	24.53 1.21 0.00	18.20 0.76 0.00
GLENWOOD_IC_1_G5 23712	22.78 0.92 -5.18	16.40 0.80 -0.01	14.26 0.66 0.00	14.15 0.70 0.00	13.09 0.63 0.00	14.05 0.62 0.00	12.61 0.54 0.00	14.42 0.63 0.00	14.42 0.68 0.00	14.27 0.69 0.00	14.45 0.76 0.00	14.41 0.55 -4.56	12.92 0.73 0.00	15.17 0.87 -0.03	25.30 0.91 -10.02	54.99 1.11 -36.82	34.91 1.17 -15.86	25.03 1.37 -1.84	27.93 1.50 0.00	40.49 1.41 -14.69	45.31 1.54 -18.98	45.87 1.60 -17.32	45.49 1.28 -20.89	32.76 0.87 -14.45
GLENWOOD_IC_2_G1 23688	17.63 0.81 -0.15	16.28 0.69 0.00	14.18 0.58 0.00	14.07 0.62 0.00	13.01 0.55 0.00	13.97 0.54 0.00	12.54 0.46 0.00	14.33 0.54 0.00	14.33 0.59 0.00	14.18 0.60 0.00	14.37 0.68 0.00	14.35 0.49 -4.56	12.84 0.65 0.00	15.04 0.77 0.00	15.59 0.81 -0.40	19.51 0.99 -1.47	19.57 1.06 -0.64	23.29 1.34 -0.12	27.92 1.48 0.00	26.26 1.36 -0.51	26.74 1.36 -0.58	28.98 1.41 -0.61	25.23 1.12 -0.79	18.57 0.75 -0.39
GLENWOOD_IC_3_G1 23689	17.63 0.81 -0.15	16.28 0.69 0.00	14.18 0.58 0.00	14.07 0.62 0.00	13.01 0.55 0.00	13.97 0.54 0.00	12.54 0.46 0.00	14.33 0.54 0.00	14.33 0.59 0.00	14.18 0.60 0.00	14.37 0.68 0.00	14.35 0.49 -4.56	12.84 0.65 0.00	15.04 0.77 0.00	15.59 0.81 -0.40	19.51 0.99 -1.47	19.57 1.06 -0.64	23.29 1.34 -0.12	27.92 1.48 0.00	26.26 1.36 -0.51	26.74 1.36 -0.58	28.98 1.41 -0.61	25.23 1.12 -0.79	18.57 0.75 -0.39
GLENWOOD____4 23550	22.78 0.92 -5.18	16.40 0.80 -0.01	14.26 0.66 0.00	14.15 0.70 0.00	13.09 0.63 0.00	14.05 0.62 0.00	12.61 0.54 0.00	14.42 0.63 0.00	14.42 0.68 0.00	14.27 0.69 0.00	14.45 0.76 0.00	14.41 0.55 -4.56	12.92 0.73 0.00	15.17 0.87 -0.03	25.30 0.91 -10.02	54.99 1.11 -36.82	34.92 1.18 -15.86	25.08 1.42 -1.84	28.00 1.57 0.00	40.54 1.47 -14.69	45.31 1.54 -18.98	45.87 1.60 -17.32	45.49 1.28 -20.89	32.76 0.87 -14.45
GLENWOOD____5 23614	22.78 0.92 -5.18	16.40 0.80 -0.01	14.26 0.66 0.00	14.15 0.70 0.00	13.09 0.63 0.00	14.05 0.62 0.00	12.61 0.54 0.00	14.42 0.63 0.00	14.42 0.68 0.00	14.27 0.69 0.00	14.45 0.76 0.00	14.41 0.55 -4.56	12.92 0.73 0.00	15.17 0.87 -0.03	25.30 0.91 -10.02	54.99 1.11 -36.82	34.92 1.18 -15.86	25.08 1.42 -1.84	28.00 1.57 0.00	40.54 1.47 -14.69	45.31 1.54 -18.98	45.87 1.60 -17.32	45.49 1.28 -20.89	32.76 0.87 -14.45
GLOBAL GREEN_PORT_GT1 23814	19.76 1.91 -1.17	17.29 1.70 0.00	15.02 1.42 0.00	14.89 1.44 0.00	13.78 1.32 0.00	14.80 1.38 0.00	13.29 1.22 0.00	15.24 1.45 0.00	15.21 1.47 0.00	15.04 1.46 0.00	15.19 1.50 0.00	14.92 1.06 -4.56	13.59 1.41 0.00	15.95 1.67 -0.01	21.27 1.68 -5.22	35.14 2.11 -15.98	28.34 2.37 -8.10	25.23 3.01 -0.40	29.90 3.47 0.00	33.12 3.23 -5.51	32.94 3.11 -5.03	37.06 3.31 -6.79	35.44 2.62 -9.50	21.99 1.88 -2.68
GLOBE____DSASP 323697	16.90 0.23 0.00	15.71 0.13 0.00	13.77 0.17 0.00	13.44 -0.01 0.00	12.50 0.04 0.00	13.64 0.21 0.00	12.18 0.11 0.00	13.89 0.11 0.00	13.71 -0.03 0.00	13.58 0.00 0.00	13.55 -0.14 0.00	9.11 -0.19 0.00	11.90 -0.28 0.00	13.89 -0.39 0.00	13.91 -0.47 0.00	16.40 -0.65 0.00	17.24 -0.64 0.00	20.91 -0.91 -0.01	25.39 -1.05 0.00	23.13 -1.25 0.00	23.54 -1.25 0.00	25.59 -1.37 0.00	22.22 -1.11 0.00	16.92 -0.52 0.00
GOETHSLN____LBMP 323567	17.26 0.58 0.00	16.07 0.49 0.00	14.04 0.44 0.00	13.93 0.48 0.00	12.88 0.41 0.00	13.82 0.39 0.00	12.40 0.33 0.00	14.17 0.38 0.00	14.20 0.46 0.00	14.07 0.49 0.00	14.27 0.58 0.00	12.73 0.42 -3.00	12.76 0.57 0.00	14.92 0.65 0.00	15.06 0.69 0.01	18.01 0.85 -0.10	18.77 0.89 0.00	23.02 1.12 -0.08	27.63 1.20 0.00	25.48 1.10 0.00	25.91 1.12 0.00	27.77 1.13 0.32	24.22 0.90 0.00	17.98 0.54 0.00
GOLAH____69_KV_TB 1_2 80279	17.16 0.49 0.00	15.97 0.39 0.00	13.98 0.39 0.00	13.73 0.28 0.00	12.73 0.27 0.00	13.83 0.41 0.00	12.40 0.33 0.00	14.15 0.36 0.00	14.02 0.28 0.00	13.85 0.27 0.00	13.87 0.18 0.00	9.39 0.09 0.00	12.33 0.14 0.00	14.33 0.05 0.00	14.36 -0.01 0.00	16.98 -0.07 0.00	17.98 0.10 0.00	22.05 0.23 0.00	26.87 0.44 0.00	24.73 0.34 0.00	25.20 0.41 0.00	27.26 0.30 0.00	23.54 0.21 0.00	17.76 0.32 0.00
GOODYEAR_LAKE_HYD 323669	17.12 0.44 0.00	15.97 0.39 0.00	13.93 0.34 0.00	13.77 0.32 0.00	12.76 0.30 0.00	13.75 0.32 0.00	12.37 0.30 0.00	14.14 0.35 0.00	14.12 0.38 0.00	13.99 0.41 0.00	14.14 0.44 0.00	8.95 0.29 0.63	12.56 0.37 0.00	14.71 0.43 0.00	14.81 0.43 0.00	17.60 0.53 -0.02	18.47 0.59 0.00	22.62 0.78 -0.02	27.36 0.93 0.00	25.38 0.99 0.00	25.77 0.98 0.00	27.91 0.95 0.00	24.04 0.71 0.00	17.91 0.48 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	16.84 0.17 0.00	15.75 0.16 0.00	13.73 0.14 0.00	13.56 0.11 0.00	12.59 0.13 0.00	13.56 0.13 0.00	12.18 0.11 0.00	13.93 0.14 0.00	13.93 0.19 0.00	13.77 0.19 0.00	13.84 0.15 0.00	9.35 0.05 0.00	12.26 0.07 0.00	14.35 0.08 0.00	14.43 0.05 0.00	17.14 0.09 0.00	18.01 0.13 0.00	21.99 0.16 -0.01	26.64 0.20 0.00	24.64 0.26 0.00	25.08 0.29 0.00	27.25 0.30 0.00	23.50 0.18 0.00	17.58 0.15 0.00
GOUDEY____7 23579	16.85 0.18 0.00	15.75 0.17 0.00	13.75 0.15 0.00	13.57 0.12 0.00	12.60 0.14 0.00	13.57 0.14 0.00	12.19 0.12 0.00	13.94 0.15 0.00	13.94 0.20 0.00	13.78 0.20 0.00	13.85 0.16 0.00	9.36 0.06 0.00	12.27 0.08 0.00	14.36 0.09 0.00	14.44 0.07 0.00	17.15 0.10 0.00	18.02 0.15 0.00	22.01 0.18 -0.01	26.66 0.23 0.00	24.67 0.28 0.00	25.10 0.31 0.00	27.28 0.32 0.00	23.53 0.20 0.00	17.60 0.16 0.00
GOUDEY____8 23580	16.84 0.17 0.00	15.75 0.16 0.00	13.73 0.14 0.00	13.56 0.11 0.00	12.59 0.13 0.00	13.56 0.13 0.00	12.18 0.11 0.00	13.93 0.14 0.00	13.93 0.19 0.00	13.77 0.19 0.00	13.84 0.15 0.00	9.35 0.05 0.00	12.26 0.07 0.00	14.35 0.08 0.00	14.43 0.05 0.00	17.14 0.09 0.00	18.01 0.13 0.00	21.99 0.16 -0.01	26.64 0.20 0.00	24.64 0.26 0.00	25.08 0.29 0.00	27.25 0.30 0.00	23.50 0.18 0.00	17.58 0.15 0.00

GOWANUS_GT1_1 24077	17.37 <u>0.69</u> 0.00	16.17 <u>0.58</u> 0.00	14.12 <u>0.52</u> 0.00	14.02 <u>0.57</u> 0.00	12.97 <u>0.50</u> 0.00	13.91 <u>0.48</u> 0.00	12.49 <u>0.42</u> 0.00	14.28 <u>0.49</u> 0.00	14.31 <u>0.57</u> 0.00	14.17 <u>0.58</u> 0.00	14.36 <u>0.67</u> 0.00	14.43 <u>0.55</u> -4.59	12.91 <u>0.72</u> 0.00	15.12 <u>0.84</u> 0.00	15.26 <u>0.88</u> 0.00	18.26 <u>1.11</u> -0.10	19.02 <u>1.14</u> 0.00	23.32 <u>1.42</u> -0.08	27.99 <u>1.56</u> 0.00	25.80 <u>1.41</u> -0.01	26.24 <u>1.45</u> -0.01	28.45 <u>1.49</u> 0.00	24.54 <u>1.21</u> 0.00	18.20 <u>0.76</u> 0.00
GOWANUS_GT1_2 24078	17.37 <u>0.69</u> 0.00	16.17 <u>0.58</u> 0.00	14.12 <u>0.52</u> 0.00	14.02 <u>0.57</u> 0.00	12.97 <u>0.50</u> 0.00	13.91 <u>0.48</u> 0.00	12.49 <u>0.42</u> 0.00	14.28 <u>0.49</u> 0.00	14.31 <u>0.57</u> 0.00	14.17 <u>0.58</u> 0.00	14.36 <u>0.67</u> 0.00	14.43 <u>0.55</u> -4.59	12.91 <u>0.72</u> 0.00	15.12 <u>0.84</u> 0.00	15.26 <u>0.88</u> 0.00	18.26 <u>1.11</u> -0.10	19.02 <u>1.14</u> 0.00	23.32 <u>1.42</u> -0.08	27.99 <u>1.56</u> 0.00	25.80 <u>1.41</u> -0.01	26.24 <u>1.45</u> -0.01	28.45 <u>1.49</u> 0.00	24.54 <u>1.21</u> 0.00	18.20 <u>0.76</u> 0.00
GOWANUS_GT1_3 24079	17.37 <u>0.69</u> 0.00	16.17 <u>0.58</u> 0.00	14.12 <u>0.52</u> 0.00	14.02 <u>0.57</u> 0.00	12.97 <u>0.50</u> 0.00	13.91 <u>0.48</u> 0.00	12.49 <u>0.42</u> 0.00	14.28 <u>0.49</u> 0.00	14.31 <u>0.57</u> 0.00	14.17 <u>0.58</u> 0.00	14.36 <u>0.67</u> 0.00	14.43 <u>0.55</u> -4.59	12.91 <u>0.72</u> 0.00	15.12 <u>0.84</u> 0.00	15.26 <u>0.88</u> 0.00	18.26 <u>1.11</u> -0.10	19.02 <u>1.14</u> 0.00	23.32 <u>1.42</u> -0.08	27.99 <u>1.56</u> 0.00	25.80 <u>1.41</u> -0.01	26.24 <u>1.45</u> -0.01	28.45 <u>1.49</u> 0.00	24.54 <u>1.21</u> 0.00	18.20 <u>0.76</u> 0.00
GOWANUS_GT1_4 24080	17.37 <u>0.69</u> 0.00	16.17 <u>0.58</u> 0.00	14.12 <u>0.52</u> 0.00	14.02 <u>0.57</u> 0.00	12.97 <u>0.50</u> 0.00	13.91 <u>0.48</u> 0.00	12.49 <u>0.42</u> 0.00	14.28 <u>0.49</u> 0.00	14.31 <u>0.57</u> 0.00	14.17 <u>0.58</u> 0.00	14.36 <u>0.67</u> 0.00	14.43 <u>0.55</u> -4.59	12.91 <u>0.72</u> 0.00	15.12 <u>0.84</u> 0.00	15.26 <u>0.88</u> 0.00	18.26 <u>1.11</u> -0.10	19.02 <u>1.14</u> 0.00	23.32 <u>1.42</u> -0.08	27.99 <u>1.56</u> 0.00	25.80 <u>1.41</u> -0.01	26.24 <u>1.45</u> -0.01	28.45 <u>1.49</u> 0.00	24.54 <u>1.21</u> 0.00	18.20 <u>0.76</u> 0.00
GOWANUS_GT1_5 24084	17.37 <u>0.69</u> 0.00	16.17 <u>0.58</u> 0.00	14.12 <u>0.52</u> 0.00	14.02 <u>0.57</u> 0.00	12.97 <u>0.50</u> 0.00	13.91 <u>0.48</u> 0.00	12.49 <u>0.42</u> 0.00	14.28 <u>0.49</u> 0.00	14.31 <u>0.57</u> 0.00	14.17 <u>0.58</u> 0.00	14.36 <u>0.67</u> 0.00	14.43 <u>0.55</u> -4.59	12.91 <u>0.72</u> 0.00	15.12 <u>0.84</u> 0.00	15.26 <u>0.88</u> 0.00	18.26 <u>1.11</u> -0.10	19.02 <u>1.14</u> 0.00	23.32 <u>1.42</u> -0.08	27.99 <u>1.56</u> 0.00	25.80 <u>1.41</u> -0.01	26.24 <u>1.45</u> -0.01	28.45 <u>1.49</u> 0.00	24.54 <u>1.21</u> 0.00	18.20 <u>0.76</u> 0.00
GOWANUS_GT1_6 24111	17.37 <u>0.69</u> 0.00	16.17 <u>0.58</u> 0.00	14.12 <u>0.52</u> 0.00	14.02 <u>0.57</u> 0.00	12.97 <u>0.50</u> 0.00	13.91 <u>0.48</u> 0.00	12.49 <u>0.42</u> 0.00	14.28 <u>0.49</u> 0.00	14.31 <u>0.57</u> 0.00	14.17 <u>0.58</u> 0.00	14.36 <u>0.67</u> 0.00	14.43 <u>0.55</u> -4.59	12.91 <u>0.72</u> 0.00	15.12 <u>0.84</u> 0.00	15.26 <u>0.88</u> 0.00	18.26 <u>1.11</u> -0.10	19.02 <u>1.14</u> 0.00	23.32 <u>1.42</u> -0.08	27.99 <u>1.56</u> 0.00	25.80 <u>1.41</u> -0.01	26.24 <u>1.45</u> -0.01	28.45 <u>1.49</u> 0.00	24.54 <u>1.21</u> 0.00	18.20 <u>0.76</u> 0.00
GOWANUS_GT1_7 24112	17.37 <u>0.69</u> 0.00	16.17 <u>0.58</u> 0.00	14.12 <u>0.52</u> 0.00	14.02 <u>0.57</u> 0.00	12.97 <u>0.50</u> 0.00	13.91 <u>0.48</u> 0.00	12.49 <u>0.42</u> 0.00	14.28 <u>0.49</u> 0.00	14.31 <u>0.57</u> 0.00	14.17 <u>0.58</u> 0.00	14.36 <u>0.67</u> 0.00	14.43 <u>0.55</u> -4.59	12.91 <u>0.72</u> 0.00	15.12 <u>0.84</u> 0.00	15.26 <u>0.88</u> 0.00	18.26 <u>1.11</u> -0.10	19.02 <u>1.14</u> 0.00	23.32 <u>1.42</u> -0.08	27.99 <u>1.56</u> 0.00	25.80 <u>1.41</u> -0.01	26.24 <u>1.45</u> -0.01	28.45 <u>1.49</u> 0.00	24.54 <u>1.21</u> 0.00	18.20 <u>0.76</u> 0.00
GOWANUS_GT1_8 24113	17.37 <u>0.69</u> 0.00	16.17 <u>0.58</u> 0.00	14.12 <u>0.52</u> 0.00	14.02 <u>0.57</u> 0.00	12.97 <u>0.50</u> 0.00	13.91 <u>0.48</u> 0.00	12.49 <u>0.42</u> 0.00	14.28 <u>0.49</u> 0.00	14.31 <u>0.57</u> 0.00	14.17 <u>0.58</u> 0.00	14.36 <u>0.67</u> 0.00	14.43 <u>0.55</u> -4.59	12.91 <u>0.72</u> 0.00	15.12 <u>0.84</u> 0.00	15.26 <u>0.88</u> 0.00	18.26 <u>1.11</u> -0.10	19.02 <u>1.14</u> 0.00	23.32 <u>1.42</u> -0.08	27.99 <u>1.56</u> 0.00	25.80 <u>1.41</u> -0.01	26.24 <u>1.45</u> -0.01	28.45 <u>1.49</u> 0.00	24.54 <u>1.21</u> 0.00	18.20 <u>0.76</u> 0.00
GOWANUS_GT2_1 24114	17.31 <u>0.63</u> 0.00	16.09 <u>0.51</u> 0.00	14.00 <u>0.40</u> 0.01	13.93 <u>0.48</u> 0.00	12.89 <u>0.42</u> 0.00	13.82 <u>0.40</u> 0.00	12.41 <u>0.34</u> 0.00	14.19 <u>0.40</u> 0.00	14.21 <u>0.47</u> 0.00	14.06 <u>0.47</u> 0.00	14.23 <u>0.55</u> 0.01	14.04 <u>0.50</u> -4.24	12.84 <u>0.65</u> 0.00	15.02 <u>0.75</u> 0.00	15.15 <u>0.78</u> 0.00	18.16 <u>1.00</u> -0.11	18.90 <u>1.03</u> 0.00	23.20 <u>1.29</u> -0.08	27.81 <u>1.37</u> 0.00	25.64 <u>1.25</u> -0.01	26.09 <u>1.29</u> -0.01	28.03 <u>1.34</u> 0.26	24.40 <u>1.08</u> 0.00	18.10 <u>0.66</u> 0.00
GOWANUS_GT2_2 24115	17.31 <u>0.63</u> 0.00	16.09 <u>0.51</u> 0.00	14.00 <u>0.40</u> 0.01	13.93 <u>0.48</u> 0.00	12.89 <u>0.42</u> 0.00	13.82 <u>0.40</u> 0.00	12.41 <u>0.34</u> 0.00	14.19 <u>0.40</u> 0.00	14.21 <u>0.47</u> 0.00	14.06 <u>0.47</u> 0.00	14.23 <u>0.55</u> 0.01	14.04 <u>0.50</u> -4.24	12.84 <u>0.65</u> 0.00	15.02 <u>0.75</u> 0.00	15.15 <u>0.78</u> 0.00	18.16 <u>1.00</u> -0.11	18.90 <u>1.03</u> 0.00	23.20 <u>1.29</u> -0.08	27.81 <u>1.37</u> 0.00	25.64 <u>1.25</u> -0.01	26.09 <u>1.29</u> -0.01	28.03 <u>1.34</u> 0.26	24.40 <u>1.08</u> 0.00	18.10 <u>0.66</u> 0.00
GOWANUS_GT2_3 24116	17.31 <u>0.63</u> 0.00	16.09 <u>0.51</u> 0.00	14.00 <u>0.40</u> 0.01	13.93 <u>0.48</u> 0.00	12.89 <u>0.42</u> 0.00	13.82 <u>0.40</u> 0.00	12.41 <u>0.34</u> 0.00	14.19 <u>0.40</u> 0.00	14.21 <u>0.47</u> 0.00	14.06 <u>0.47</u> 0.00	14.23 <u>0.55</u> 0.01	14.04 <u>0.50</u> -4.24	12.84 <u>0.65</u> 0.00	15.02 <u>0.75</u> 0.00	15.15 <u>0.78</u> 0.00	18.16 <u>1.00</u> -0.11	18.90 <u>1.03</u> 0.00	23.20 <u>1.29</u> -0.08	27.81 <u>1.37</u> 0.00	25.64 <u>1.25</u> -0.01	26.09 <u>1.29</u> -0.01	28.03 <u>1.34</u> 0.26	24.40 <u>1.08</u> 0.00	18.10 <u>0.66</u> 0.00
GOWANUS_GT2_4 24117	17.31 <u>0.63</u> 0.00	16.09 <u>0.51</u> 0.00	14.00 <u>0.40</u> 0.01	13.93 <u>0.48</u> 0.00	12.89 <u>0.42</u> 0.00	13.82 <u>0.40</u> 0.00	12.41 <u>0.34</u> 0.00	14.19 <u>0.40</u> 0.00	14.21 <u>0.47</u> 0.00	14.06 <u>0.47</u> 0.00	14.23 <u>0.55</u> 0.01	14.04 <u>0.50</u> -4.24	12.84 <u>0.65</u> 0.00	15.02 <u>0.75</u> 0.00	15.15 <u>0.78</u> 0.00	18.16 <u>1.00</u> -0.11	18.90 <u>1.03</u> 0.00	23.20 <u>1.29</u> -0.08	27.81 <u>1.37</u> 0.00	25.64 <u>1.25</u> -0.01	26.09 <u>1.29</u> -0.01	28.03 <u>1.34</u> 0.26	24.40 <u>1.08</u> 0.00	18.10 <u>0.66</u> 0.00
GOWANUS_GT2_5 24118	17.31 <u>0.63</u> 0.00	16.09 <u>0.51</u> 0.00	14.00 <u>0.40</u> 0.01	13.93 <u>0.48</u> 0.00	12.89 <u>0.42</u> 0.00	13.82 <u>0.40</u> 0.00	12.41 <u>0.34</u> 0.00	14.19 <u>0.40</u> 0.00	14.21 <u>0.47</u> 0.00	14.06 <u>0.47</u> 0.00	14.23 <u>0.55</u> 0.01	14.04 <u>0.50</u> -4.24	12.84 <u>0.65</u> 0.00	15.02 <u>0.75</u> 0.00	15.15 <u>0.78</u> 0.00	18.16 <u>1.00</u> -0.11	18.90 <u>1.03</u> 0.00	23.20 <u>1.29</u> -0.08	27.81 <u>1.37</u> 0.00	25.64 <u>1.25</u> -0.01	26.09 <u>1.29</u> -0.01	28.03 <u>1.34</u> 0.26	24.40 <u>1.08</u> 0.00	18.10 <u>0.66</u> 0.00
GOWANUS_GT2_6 24119	17.31 <u>0.63</u> 0.00	16.09 <u>0.51</u> 0.00	14.00 <u>0.40</u> 0.01	13.93 <u>0.48</u> 0.00	12.89 <u>0.42</u> 0.00	13.82 <u>0.40</u> 0.00	12.41 <u>0.34</u> 0.00	14.19 <u>0.40</u> 0.00	14.21 <u>0.47</u> 0.00	14.06 <u>0.47</u> 0.00	14.23 <u>0.55</u> 0.01	14.04 <u>0.50</u> -4.24	12.84 <u>0.65</u> 0.00	15.02 <u>0.75</u> 0.00	15.15 <u>0.78</u> 0.00	18.16 <u>1.00</u> -0.11	18.90 <u>1.03</u> 0.00	23.20 <u>1.29</u> -0.08	27.81 <u>1.37</u> 0.00	25.64 <u>1.25</u> -0.01	26.09 <u>1.29</u> -0.01	28.03 <u>1.34</u> 0.26	24.40 <u>1.08</u> 0.00	18.10 <u>0.66</u> 0.00
GOWANUS_GT2_7 24120	17.31 <u>0.63</u> 0.00	16.09 <u>0.51</u> 0.00	14.00 <u>0.40</u> 0.01	13.93 <u>0.48</u> 0.00	12.89 <u>0.42</u> 0.00	13.82 <u>0.40</u> 0.00	12.41 <u>0.34</u> 0.00	14.19 <u>0.40</u> 0.00	14.21 <u>0.47</u> 0.00	14.06 <u>0.47</u> 0.00	14.23 <u>0.55</u> 0.01	14.04 <u>0.50</u> -4.24	12.84 <u>0.65</u> 0.00	15.02 <u>0.75</u> 0.00	15.15 <u>0.78</u> 0.00	18.16 <u>1.00</u> -0.11	18.90 <u>1.03</u> 0.00	23.20 <u>1.29</u> -0.08	27.81 <u>1.37</u> 0.00	25.64 <u>1.25</u> -0.01	26.09 <u>1.29</u> -0.01	28.03 <u>1.34</u> 0.26	24.40 <u>1.08</u> 0.00	18.10 <u>0.66</u> 0.00

GOWANUS_GT2_8 24121	17.31 0.63 0.00	16.09 0.51 0.00	14.00 0.40 0.01	13.93 0.48 0.00	12.89 0.42 0.00	13.82 0.40 0.00	12.41 0.34 0.00	14.19 0.40 0.00	14.21 0.47 0.00	14.06 0.47 0.00	14.23 0.55 0.01	14.04 0.50 -4.24	12.84 0.65 0.00	15.02 0.75 0.00	15.15 0.78 0.00	18.16 1.00 -0.11	18.90 1.03 0.00	23.20 1.29 -0.08	27.81 1.37 0.00	25.64 1.25 -0.01	26.09 1.29 -0.01	28.03 1.34 0.26	24.40 1.08 0.00	18.10 0.66 0.00
GOWANUS_GT3_1 24122	17.37 0.69 0.00	16.17 0.59 0.00	14.12 0.52 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.31 0.57 0.00	14.17 0.58 0.00	14.36 0.67 0.00	14.44 0.55 -4.59	12.91 0.72 0.00	15.11 0.84 0.00	15.26 0.88 0.00	18.26 1.11 -0.11	19.02 1.14 0.00	23.33 1.42 -0.08	27.99 1.56 0.00	25.80 1.41 -0.01	26.25 1.45 -0.01	28.45 1.49 0.00	24.53 1.21 0.00	18.20 0.76 0.00
GOWANUS_GT3_2 24123	17.37 0.69 0.00	16.17 0.59 0.00	14.12 0.52 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.31 0.57 0.00	14.17 0.58 0.00	14.36 0.67 0.00	14.44 0.55 -4.59	12.91 0.72 0.00	15.11 0.84 0.00	15.26 0.88 0.00	18.26 1.11 -0.11	19.02 1.14 0.00	23.33 1.42 -0.08	27.99 1.56 0.00	25.80 1.41 -0.01	26.25 1.45 -0.01	28.45 1.49 0.00	24.53 1.21 0.00	18.20 0.76 0.00
GOWANUS_GT3_3 24124	17.37 0.69 0.00	16.17 0.59 0.00	14.12 0.52 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.31 0.57 0.00	14.17 0.58 0.00	14.36 0.67 0.00	14.44 0.55 -4.59	12.91 0.72 0.00	15.11 0.84 0.00	15.26 0.88 0.00	18.26 1.11 -0.11	19.02 1.14 0.00	23.33 1.42 -0.08	27.99 1.56 0.00	25.80 1.41 -0.01	26.25 1.45 -0.01	28.45 1.49 0.00	24.53 1.21 0.00	18.20 0.76 0.00
GOWANUS_GT3_4 24125	17.37 0.69 0.00	16.17 0.59 0.00	14.12 0.52 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.31 0.57 0.00	14.17 0.58 0.00	14.36 0.67 0.00	14.44 0.55 -4.59	12.91 0.72 0.00	15.11 0.84 0.00	15.26 0.88 0.00	18.26 1.11 -0.11	19.02 1.14 0.00	23.33 1.42 -0.08	27.99 1.56 0.00	25.80 1.41 -0.01	26.25 1.45 -0.01	28.45 1.49 0.00	24.53 1.21 0.00	18.20 0.76 0.00
GOWANUS_GT3_5 24126	17.37 0.69 0.00	16.17 0.59 0.00	14.12 0.52 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.31 0.57 0.00	14.17 0.58 0.00	14.36 0.67 0.00	14.44 0.55 -4.59	12.91 0.72 0.00	15.11 0.84 0.00	15.26 0.88 0.00	18.26 1.11 -0.11	19.02 1.14 0.00	23.33 1.42 -0.08	27.99 1.56 0.00	25.80 1.41 -0.01	26.25 1.45 -0.01	28.45 1.49 0.00	24.53 1.21 0.00	18.20 0.76 0.00
GOWANUS_GT3_6 24127	17.37 0.69 0.00	16.17 0.59 0.00	14.12 0.52 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.31 0.57 0.00	14.17 0.58 0.00	14.36 0.67 0.00	14.44 0.55 -4.59	12.91 0.72 0.00	15.11 0.84 0.00	15.26 0.88 0.00	18.26 1.11 -0.11	19.02 1.14 0.00	23.33 1.42 -0.08	27.99 1.56 0.00	25.80 1.41 -0.01	26.25 1.45 -0.01	28.45 1.49 0.00	24.53 1.21 0.00	18.20 0.76 0.00
GOWANUS_GT3_7 24128	17.37 0.69 0.00	16.17 0.59 0.00	14.12 0.52 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.31 0.57 0.00	14.17 0.58 0.00	14.36 0.67 0.00	14.44 0.55 -4.59	12.91 0.72 0.00	15.11 0.84 0.00	15.26 0.88 0.00	18.26 1.11 -0.11	19.02 1.14 0.00	23.33 1.42 -0.08	27.99 1.56 0.00	25.80 1.41 -0.01	26.25 1.45 -0.01	28.45 1.49 0.00	24.53 1.21 0.00	18.20 0.76 0.00
GOWANUS_GT3_8 24129	17.37 0.69 0.00	16.17 0.59 0.00	14.12 0.52 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.31 0.57 0.00	14.17 0.58 0.00	14.36 0.67 0.00	14.44 0.55 -4.59	12.91 0.72 0.00	15.11 0.84 0.00	15.26 0.88 0.00	18.26 1.11 -0.11	19.02 1.14 0.00	23.33 1.42 -0.08	27.99 1.56 0.00	25.80 1.41 -0.01	26.25 1.45 -0.01	28.45 1.49 0.00	24.53 1.21 0.00	18.20 0.76 0.00
GOWANUS_GT4_1 24130	17.31 0.63 0.00	16.09 0.51 0.00	14.00 0.40 0.00	13.93 0.48 0.00	12.89 0.42 0.00	13.82 0.40 0.00	12.41 0.34 0.00	14.19 0.40 0.00	14.21 0.47 0.00	14.06 0.48 0.00	14.24 0.55 0.00	14.03 0.50 -4.24	12.84 0.65 0.00	15.03 0.75 0.00	15.16 0.78 0.00	18.16 1.00 -0.10	18.90 1.03 0.00	23.19 1.29 -0.08	27.81 1.37 0.00	25.63 1.24 -0.01	26.08 1.28 -0.01	28.04 1.34 0.27	24.40 1.08 0.00	18.10 0.66 0.00
GOWANUS_GT4_2 24131	17.31 0.63 0.00	16.09 0.51 0.00	14.00 0.40 0.00	13.93 0.48 0.00	12.89 0.42 0.00	13.82 0.40 0.00	12.41 0.34 0.00	14.19 0.40 0.00	14.21 0.47 0.00	14.06 0.48 0.00	14.24 0.55 0.00	14.03 0.50 -4.24	12.84 0.65 0.00	15.03 0.75 0.00	15.16 0.78 0.00	18.16 1.00 -0.10	18.90 1.03 0.00	23.19 1.29 -0.08	27.81 1.37 0.00	25.63 1.24 -0.01	26.08 1.28 -0.01	28.04 1.34 0.27	24.40 1.08 0.00	18.10 0.66 0.00
GOWANUS_GT4_3 24132	17.31 0.63 0.00	16.09 0.51 0.00	14.00 0.40 0.00	13.93 0.48 0.00	12.89 0.42 0.00	13.82 0.40 0.00	12.41 0.34 0.00	14.19 0.40 0.00	14.21 0.47 0.00	14.06 0.48 0.00	14.24 0.55 0.00	14.03 0.50 -4.24	12.84 0.65 0.00	15.03 0.75 0.00	15.16 0.78 0.00	18.16 1.00 -0.10	18.90 1.03 0.00	23.19 1.29 -0.08	27.81 1.37 0.00	25.63 1.24 -0.01	26.08 1.28 -0.01	28.04 1.34 0.27	24.40 1.08 0.00	18.10 0.66 0.00
GOWANUS_GT4_4 24133	17.31 0.63 0.00	16.09 0.51 0.00	14.00 0.40 0.00	13.93 0.48 0.00	12.89 0.42 0.00	13.82 0.40 0.00	12.41 0.34 0.00	14.19 0.40 0.00	14.21 0.47 0.00	14.06 0.48 0.00	14.24 0.55 0.00	14.03 0.50 -4.24	12.84 0.65 0.00	15.03 0.75 0.00	15.16 0.78 0.00	18.16 1.00 -0.10	18.90 1.03 0.00	23.19 1.29 -0.08	27.81 1.37 0.00	25.63 1.24 -0.01	26.08 1.28 -0.01	28.04 1.34 0.27	24.40 1.08 0.00	18.10 0.66 0.00
GOWANUS_GT4_5 24134	17.31 0.63 0.00	16.09 0.51 0.00	14.00 0.40 0.00	13.93 0.48 0.00	12.89 0.42 0.00	13.82 0.40 0.00	12.41 0.34 0.00	14.19 0.40 0.00	14.21 0.47 0.00	14.06 0.48 0.00	14.24 0.55 0.00	14.03 0.50 -4.24	12.84 0.65 0.00	15.03 0.75 0.00	15.16 0.78 0.00	18.16 1.00 -0.10	18.90 1.03 0.00	23.19 1.29 -0.08	27.81 1.37 0.00	25.63 1.24 -0.01	26.08 1.28 -0.01	28.04 1.34 0.27	24.40 1.08 0.00	18.10 0.66 0.00
GOWANUS_GT4_6 24135	17.31 0.63 0.00	16.09 0.51 0.00	14.00 0.40 0.00	13.93 0.48 0.00	12.89 0.42 0.00	13.82 0.40 0.00	12.41 0.34 0.00	14.19 0.40 0.00	14.21 0.47 0.00	14.06 0.48 0.00	14.24 0.55 0.00	14.03 0.50 -4.24	12.84 0.65 0.00	15.03 0.75 0.00	15.16 0.78 0.00	18.16 1.00 -0.10	18.90 1.03 0.00	23.19 1.29 -0.08	27.81 1.37 0.00	25.63 1.24 -0.01	26.08 1.28 -0.01	28.04 1.34 0.27	24.40 1.08 0.00	18.10 0.66 0.00

GOWANUS_GT4_7 24136	17.31 0.63 0.00	16.09 0.51 0.00	14.00 0.40 0.00	13.93 0.48 0.00	12.89 0.42 0.00	13.82 0.40 0.00	12.41 0.34 0.00	14.19 0.40 0.00	14.21 0.47 0.00	14.06 0.48 0.00	14.24 0.55 0.00	14.03 0.50 -4.24	12.84 0.65 0.00	15.03 0.75 0.00	15.16 0.78 0.00	18.16 1.00 -0.10	18.90 1.03 0.00	23.19 1.29 -0.08	27.81 1.37 0.00	25.63 1.24 -0.01	26.08 1.28 -0.01	28.04 1.34 0.27	24.40 1.08 0.00	18.10 0.66 0.00
GOWANUS_GT4_8 24137	17.31 0.63 0.00	16.09 0.51 0.00	14.00 0.40 0.00	13.93 0.48 0.00	12.89 0.42 0.00	13.82 0.40 0.00	12.41 0.34 0.00	14.19 0.40 0.00	14.21 0.47 0.00	14.06 0.48 0.00	14.24 0.55 0.00	14.03 0.50 -4.24	12.84 0.65 0.00	15.03 0.75 0.00	15.16 0.78 0.00	18.16 1.00 -0.10	18.90 1.03 0.00	23.19 1.29 -0.08	27.81 1.37 0.00	25.63 1.24 -0.01	26.08 1.28 -0.01	28.04 1.34 0.27	24.40 1.08 0.00	18.10 0.66 0.00
GREENBSH_115KV_TB3 55895	16.79 0.11 0.00	15.74 0.15 0.00	13.70 0.10 0.00	13.58 0.13 0.00	12.61 0.15 0.00	13.52 0.10 0.00	12.17 0.10 0.00	13.81 0.02 0.00	13.75 0.01 0.00	13.56 -0.02 0.00	13.72 0.03 0.00	10.84 0.06 -1.47	12.26 0.07 0.00	14.31 0.04 0.00	14.48 0.10 0.00	17.09 0.17 0.13	18.17 0.29 0.00	22.41 0.49 -0.10	26.99 0.56 0.00	24.83 0.45 0.00	25.21 0.42 0.00	27.28 0.32 0.00	23.47 0.15 0.00	17.48 0.05 0.00
GREENDGE_115KV_TB5 80291	17.03 0.35 0.00	15.89 0.31 0.00	13.87 0.27 0.00	13.66 0.21 0.00	12.69 0.23 0.00	13.72 0.29 0.00	12.33 0.26 0.00	14.10 0.31 0.00	14.08 0.34 0.00	13.93 0.34 0.00	13.96 0.27 0.00	9.41 0.10 0.00	12.32 0.13 0.00	14.39 0.11 0.00	14.41 0.03 0.00	17.09 0.04 0.00	18.03 0.15 0.00	22.08 0.25 -0.01	26.78 0.34 0.00	24.78 0.40 0.00	25.22 0.43 0.00	27.28 0.32 0.00	23.57 0.25 0.00	17.67 0.24 0.00
GREENIDGE___3 23582	17.03 0.35 0.00	15.89 0.31 0.00	13.87 0.27 0.00	13.66 0.21 0.00	12.69 0.23 0.00	13.72 0.29 0.00	12.33 0.26 0.00	14.10 0.31 0.00	14.08 0.34 0.00	13.93 0.34 0.00	13.96 0.27 0.00	9.41 0.10 0.00	12.32 0.13 0.00	14.39 0.11 0.00	14.41 0.03 0.00	17.09 0.04 0.00	18.03 0.15 0.00	22.08 0.25 -0.01	26.78 0.34 0.00	24.78 0.40 0.00	25.22 0.43 0.00	27.28 0.32 0.00	23.57 0.25 0.00	17.67 0.24 0.00
GREENIDGE___4 23583	17.03 0.35 0.00	15.95 0.30 -0.07	13.91 0.27 -0.04	13.66 0.21 0.00	12.69 0.23 0.00	13.74 0.29 -0.03	12.40 0.26 -0.07	14.10 0.31 0.00	14.08 0.34 0.00	13.93 0.34 0.00	13.96 0.27 0.00	9.41 0.10 0.00	12.32 0.13 0.00	14.39 0.11 0.00	14.41 0.03 0.00	17.09 0.04 0.00	18.03 0.15 0.00	22.08 0.25 -0.01	26.78 0.34 0.00	24.78 0.40 0.00	25.22 0.43 0.00	27.28 0.32 0.00	23.58 0.25 0.00	17.67 0.24 0.00
GREENLWN_69_KV_BK 3 55738	19.02 0.99 -1.35	16.44 0.86 0.00	14.29 0.69 0.00	14.19 0.74 0.00	13.12 0.66 0.00	14.09 0.67 0.00	12.65 0.58 0.00	14.49 0.70 0.00	14.46 0.73 0.00	14.28 0.70 0.00	14.45 0.76 0.00	14.41 0.55 -4.56	12.93 0.75 0.00	15.15 0.87 -0.01	20.66 0.90 -5.39	34.94 1.10 -16.78	27.44 1.19 -8.37	23.84 1.55 -0.47	28.15 1.72 0.00	31.86 1.60 -5.88	31.96 1.54 -5.63	35.80 1.63 -7.21	34.56 1.30 -9.94	21.59 0.94 -3.22
GREENWD_138_KV_38B11_REV_LBMP_J 345004	17.31 0.63 0.00	16.09 0.51 0.00	14.00 0.40 0.00	13.93 0.48 0.00	12.89 0.42 0.00	13.82 0.40 0.00	12.41 0.34 0.00	14.19 0.40 0.00	14.21 0.47 0.00	14.06 0.48 0.00	14.24 0.55 0.00	14.03 0.50 -4.24	12.84 0.65 0.00	15.03 0.75 0.00	15.16 0.78 0.00	18.16 1.00 -0.10	18.90 1.03 0.00	23.19 1.29 -0.08	27.81 1.37 0.00	25.63 1.24 -0.01	26.08 1.28 -0.01	28.04 1.34 0.27	24.40 1.08 0.00	18.10 0.66 0.00
GRISSOM___SOLAR 323813	18.35 1.67 0.00	17.13 1.54 0.00	14.95 1.36 0.00	14.79 1.34 0.00	13.67 1.21 0.00	14.77 1.34 0.00	13.29 1.22 0.00	14.96 1.17 0.00	14.63 0.89 0.00	14.41 0.83 0.00	14.76 1.07 0.00	11.41 0.70 -1.40	13.21 1.02 0.00	15.25 0.97 0.00	15.57 1.19 0.00	18.26 1.33 0.12	19.48 1.60 0.00	24.30 2.38 -0.10	29.53 3.10 0.00	27.32 2.93 0.00	27.68 2.89 0.00	30.01 3.05 0.00	25.84 2.51 0.00	19.23 1.79 0.00
GROVEVILLE___HYD 323602	17.41 0.74 0.00	16.22 0.64 0.00	14.14 0.54 0.00	14.01 0.56 0.00	12.96 0.50 0.00	13.93 0.50 0.00	12.50 0.43 0.00	14.28 0.49 0.00	14.27 0.53 0.00	14.12 0.54 0.00	14.30 0.61 0.00	10.62 0.43 -0.89	12.77 0.58 0.00	14.96 0.69 0.00	15.12 0.75 0.00	18.07 0.94 -0.08	18.90 1.03 0.00	23.23 1.33 -0.08	27.95 1.52 0.00	25.76 1.38 0.00	26.17 1.38 0.00	28.33 1.37 0.00	24.38 1.06 0.00	18.11 0.67 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	16.83 0.15 0.00	15.73 0.14 0.00	13.72 0.12 0.00	13.54 0.09 0.00	12.56 0.10 0.00	13.55 0.13 0.00	12.18 0.11 0.00	13.92 0.13 0.00	13.87 0.14 0.00	13.73 0.15 0.00	13.82 0.13 0.00	9.37 0.07 0.00	12.28 0.09 0.00	14.36 0.09 0.00	14.43 0.06 0.00	17.11 0.06 0.00	18.00 0.13 0.00	22.01 0.18 0.00	26.73 0.29 0.00	24.66 0.28 0.00	25.07 0.28 0.00	27.19 0.23 0.00	23.47 0.14 0.00	17.56 0.13 0.00
HAMLTNNY_34_KV_TB 80303	16.78 0.11 0.00	15.69 0.11 0.00	13.69 0.09 0.00	13.50 0.05 0.00	12.53 0.07 0.00	13.53 0.10 0.00	12.15 0.08 0.00	13.89 0.10 0.00	13.86 0.12 0.00	13.69 0.11 0.00	13.80 0.11 0.00	9.34 0.04 0.00	12.25 0.07 0.00	14.33 0.05 0.00	14.40 0.03 0.00	17.06 0.01 0.00	17.96 0.08 0.00	21.95 0.13 0.00	26.68 0.25 0.00	24.61 0.23 0.00	25.00 0.21 0.00	27.11 0.15 0.00	23.41 0.08 0.00	17.50 0.07 0.00
HAMPSHIRE___PAPER_HYD 323593	16.38 -0.30 0.00	15.43 -0.15 0.00	13.51 -0.09 0.00	13.33 -0.11 0.00	12.33 -0.14 0.00	13.32 -0.11 0.00	12.04 -0.03 0.00	13.77 -0.02 0.00	13.71 -0.03 0.00	13.53 -0.05 0.00	13.60 -0.09 0.00	9.29 -0.01 0.00	12.16 -0.03 0.00	14.23 -0.04 0.00	14.28 -0.09 0.00	16.88 -0.18 0.00	17.71 -0.17 0.00	21.65 -0.17 0.00	26.48 0.05 0.00	24.48 0.10 0.00	24.87 0.08 0.00	27.07 0.11 0.00	23.41 0.09 0.00	17.47 0.04 0.00
HARDSCRABBLE_WT_PWR 323673	16.46 -0.21 0.00	15.48 -0.11 0.00	13.49 -0.11 0.00	13.31 -0.13 0.00	12.36 -0.11 0.00	13.28 -0.15 0.00	11.96 -0.11 0.00	13.63 -0.16 0.00	13.56 -0.18 0.00	13.35 -0.23 0.00	13.50 -0.19 0.00	9.20 -0.10 0.00	12.01 -0.18 0.00	14.10 -0.17 0.00	14.27 -0.11 0.00	17.00 -0.05 0.00	17.91 0.03 0.00	22.08 0.26 0.00	26.78 0.34 0.00	24.65 0.27 0.00	25.08 0.29 0.00	27.20 0.24 0.00	23.35 0.03 0.00	17.32 -0.12 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	17.29 0.61 0.00	16.10 0.51 0.00	14.04 0.44 0.00	13.92 0.47 0.00	12.87 0.41 0.00	13.83 0.40 0.00	12.41 0.33 0.00	14.17 0.38 0.00	14.18 0.44 0.00	14.05 0.47 0.00	14.22 0.53 0.00	5.73 0.38 3.95	12.70 0.51 0.00	14.89 0.62 0.00	15.05 0.67 0.00	18.00 0.86 -0.09	18.79 0.91 0.00	23.05 1.16 -0.07	27.73 1.30 0.00	25.56 1.18 0.00	25.96 1.17 0.00	28.13 1.17 0.00	24.22 0.90 0.00	17.99 0.55 0.00

HARSNRAD_115KV_TB1 81005	17.09 0.41 0.00	15.86 0.28 0.00	13.89 0.29 0.00	13.57 0.12 0.00	12.62 0.15 0.00	13.76 0.34 0.00	12.29 0.22 0.00	14.03 0.24 0.00	13.84 0.10 0.00	13.69 0.11 0.00	13.65 -0.05 0.00	9.18 -0.12 0.00	12.01 -0.18 0.00	14.02 -0.26 0.00	14.03 -0.35 0.00	16.56 -0.49 0.00	17.43 -0.45 0.00	21.17 -0.65 -0.01	25.73 -0.71 0.00	23.54 -0.85 0.00	24.04 -0.75 0.00	26.12 -0.84 0.00	22.63 -0.69 0.00	17.20 -0.24 0.00
HARZA MOOSE__RIVER 24016	16.71 0.03 0.00	15.77 0.18 0.00	13.80 0.20 0.00	13.61 0.16 0.00	12.59 0.13 0.00	13.60 0.17 0.00	12.27 0.20 0.00	14.01 0.22 0.00	13.96 0.22 0.00	13.79 0.21 0.00	13.89 0.20 0.00	9.47 0.16 0.00	12.39 0.20 0.00	14.49 0.21 0.00	14.55 0.17 0.00	17.22 0.17 0.00	18.12 0.24 0.00	22.25 0.43 0.00	27.13 0.70 0.00	25.05 0.67 0.00	25.44 0.65 0.00	27.61 0.64 0.00	23.81 0.48 0.00	17.77 0.33 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	16.67 -0.01 0.00	15.56 -0.02 0.00	13.58 -0.01 0.00	13.41 -0.04 0.00	12.44 -0.03 0.00	13.42 -0.01 0.00	12.06 -0.01 0.00	13.77 -0.02 0.00	13.72 -0.02 0.00	13.58 0.00 0.00	13.68 -0.02 0.00	9.27 -0.03 0.00	12.14 -0.05 0.00	14.20 -0.08 0.00	14.28 -0.10 0.00	16.93 -0.13 0.00	17.80 -0.08 0.00	21.76 -0.07 0.00	26.37 -0.06 0.00	24.33 -0.05 0.00	24.75 -0.05 0.00	26.86 -0.11 0.00	23.18 -0.14 0.00	17.37 -0.07 0.00
HELLGATE_13_KV_LD 55870	17.41 0.73 0.00	16.21 0.63 0.00	14.14 0.54 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.91 0.49 0.00	12.50 0.43 0.00	14.28 0.49 0.00	14.31 0.57 0.00	14.18 0.60 0.00	14.37 0.68 0.00	14.39 0.50 -4.59	12.85 0.66 0.00	15.04 0.77 0.00	15.20 0.82 0.00	18.17 1.02 -0.10	18.93 1.06 0.00	23.19 1.30 -0.08	27.85 1.42 0.00	25.67 1.29 0.00	26.12 1.33 0.00	28.34 1.38 0.00	24.43 1.11 0.00	18.12 0.69 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	17.41 0.73 0.00	16.21 0.63 0.00	14.14 0.54 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.91 0.49 0.00	12.50 0.43 0.00	14.28 0.49 0.00	14.31 0.57 0.00	14.18 0.60 0.00	14.37 0.68 0.00	14.39 0.50 -4.59	12.85 0.66 0.00	15.04 0.77 0.00	15.20 0.82 0.00	18.17 1.02 -0.10	18.93 1.06 0.00	23.19 1.30 -0.08	27.85 1.42 0.00	25.67 1.29 0.00	26.12 1.33 0.00	28.34 1.38 0.00	24.43 1.11 0.00	18.12 0.69 0.00
HEMPSTEAD____ 23647	22.83 0.94 -5.21	16.41 0.81 -0.01	14.27 0.67 0.00	14.16 0.71 0.00	13.10 0.63 0.00	14.05 0.63 0.00	12.62 0.54 0.00	14.44 0.65 0.00	14.42 0.68 0.00	14.26 0.68 0.00	14.44 0.74 0.00	14.41 0.54 -4.56	12.91 0.72 0.00	15.16 0.86 -0.02	24.09 0.89 -8.82	51.66 1.08 -33.52	33.05 1.14 -14.03	25.11 1.47 -1.83	28.06 1.62 0.00	39.56 1.53 -13.65	44.63 1.53 -18.31	44.52 1.56 -16.00	43.62 1.26 -19.04	33.09 0.88 -14.77
HEWLETT__69_KV_BK3 55828	31.64 1.14 -13.83	16.62 1.01 -0.03	14.44 0.84 0.00	14.33 0.88 0.00	13.25 0.79 0.00	14.23 0.80 0.00	12.77 0.70 0.00	14.61 0.82 0.00	14.59 0.86 0.00	14.44 0.85 0.00	14.60 0.91 0.00	14.51 0.65 -4.56	13.06 0.88 0.00	15.40 1.06 -0.07	27.91 1.04 -12.50	82.12 1.25 -63.82	39.93 1.36 -20.70	29.14 1.78 -5.54	28.46 2.02 0.00	56.41 1.86 -30.16	76.95 1.74 -50.42	62.64 1.89 -33.79	57.20 1.49 -32.38	59.98 1.09 -41.45
HICKLING__1 23621	17.01 0.33 0.00	15.89 0.31 0.00	13.86 0.27 0.00	13.67 0.22 0.00	12.72 0.25 0.00	13.70 0.28 0.00	12.31 0.24 0.00	14.08 0.29 0.00	14.10 0.36 0.00	13.94 0.36 0.00	13.95 0.26 0.00	9.38 0.08 0.00	12.29 0.11 0.00	14.38 0.11 0.00	14.42 0.05 0.00	17.13 0.08 0.00	18.03 0.15 0.00	22.01 0.18 -0.01	26.68 0.25 0.00	24.68 0.30 0.00	25.15 0.36 0.00	27.35 0.39 0.00	23.57 0.24 0.00	17.67 0.24 0.00
HICKLING__2 23622	17.01 0.33 0.00	15.89 0.31 0.00	13.86 0.27 0.00	13.67 0.22 0.00	12.72 0.25 0.00	13.70 0.28 0.00	12.31 0.24 0.00	14.08 0.29 0.00	14.10 0.36 0.00	13.94 0.36 0.00	13.95 0.26 0.00	9.38 0.08 0.00	12.29 0.11 0.00	14.38 0.11 0.00	14.42 0.05 0.00	17.13 0.08 0.00	18.03 0.15 0.00	22.01 0.18 -0.01	26.68 0.25 0.00	24.68 0.30 0.00	25.15 0.36 0.00	27.35 0.39 0.00	23.57 0.24 0.00	17.67 0.24 0.00
HIGH FALLS__HY 23754	17.35 0.67 0.00	16.13 0.55 0.00	14.07 0.47 0.00	13.94 0.48 0.00	12.88 0.42 0.00	13.86 0.44 0.00	12.43 0.36 0.00	14.22 0.43 0.00	14.23 0.49 0.00	14.07 0.48 0.00	14.21 0.52 0.00	9.64 0.34 0.00	12.60 0.41 0.00	14.79 0.51 0.00	14.97 0.60 0.00	17.88 0.79 0.00	18.69 0.81 -0.04	22.93 1.04 -0.07	27.60 1.17 0.00	25.52 1.14 0.00	26.10 1.31 0.00	28.25 1.29 0.00	24.31 0.98 0.00	18.05 0.61 0.00
HILLBURN__GT 23639	17.25 0.58 0.00	16.07 0.48 0.00	14.01 0.42 0.00	13.90 0.45 0.00	12.86 0.39 0.00	13.80 0.37 0.00	12.38 0.30 0.00	14.14 0.35 0.00	14.16 0.42 0.00	14.03 0.44 0.00	14.22 0.53 0.00	5.01 0.38 4.67	12.70 0.51 0.00	14.88 0.60 0.00	15.03 0.65 0.00	17.96 0.82 -0.09	18.75 0.87 0.00	22.99 1.10 -0.07	27.65 1.22 0.00	25.47 1.08 0.00	25.87 1.08 0.00	28.04 1.08 0.00	24.15 0.83 0.00	17.93 0.50 0.00
HILLSIDE_115KV_TB1 80332	16.72 0.05 0.00	15.65 0.07 0.00	13.65 0.05 0.00	13.47 0.02 0.00	12.53 0.07 0.00	13.48 0.06 0.00	12.11 0.04 0.00	13.86 0.07 0.00	13.89 0.15 0.00	13.72 0.13 0.00	13.75 0.06 0.00	9.24 -0.06 0.00	12.13 -0.06 0.00	14.20 -0.08 0.00	14.26 -0.12 0.00	16.93 -0.12 0.00	17.80 -0.08 0.00	21.70 -0.13 -0.01	26.30 -0.14 0.00	24.34 -0.04 0.00	24.80 0.01 0.00	27.01 0.05 0.00	23.27 -0.05 0.00	17.44 0.01 0.00
HISHELDN_WT_PWR 323625	17.10 0.42 0.00	15.78 0.32 0.12	13.83 0.31 0.07	13.62 0.18 0.00	12.67 0.21 0.00	13.73 0.35 0.05	12.20 0.25 0.12	14.08 0.29 0.00	13.97 0.23 0.00	13.82 0.24 0.00	13.80 0.11 0.00	9.26 -0.03 0.00	12.13 -0.06 0.00	14.16 -0.11 0.00	14.19 -0.19 0.00	16.78 -0.27 0.00	17.65 -0.23 0.00	21.47 -0.36 -0.01	26.07 -0.36 0.00	23.92 -0.46 0.00	24.41 -0.38 0.00	26.54 -0.42 0.00	22.96 -0.36 0.00	17.37 -0.07 0.00
HOLTSVILLE_IC_1 23690	19.09 1.26 -1.16	16.69 1.11 0.00	14.50 0.91 0.00	14.40 0.96 0.00	13.32 0.86 0.00	14.30 0.88 0.00	12.84 0.77 0.00	14.72 0.93 0.00	14.68 0.94 0.00	14.48 0.90 0.00	14.63 0.94 0.00	14.54 0.67 -4.56	13.09 0.90 0.00	15.32 1.04 -0.01	20.61 1.03 -5.20	34.26 1.30 -15.92	27.39 1.43 -8.08	24.08 1.86 -0.40	28.52 2.08 0.00	31.83 1.97 -5.48	31.68 1.91 -4.98	35.79 2.07 -6.76	34.44 1.65 -9.46	21.26 1.20 -2.63
HOLTSVILLE_IC_10 23699	19.24 1.34 -1.23	16.77 1.18 0.00	14.57 0.97 0.00	14.46 1.01 0.00	13.37 0.91 0.00	14.36 0.94 0.00	12.89 0.82 0.00	14.78 0.99 0.00	14.74 1.00 0.00	14.54 0.96 0.00	14.69 1.00 0.00	14.57 0.71 -4.56	13.15 0.96 0.00	15.39 1.11 -0.01	20.75 1.11 -5.26	34.67 1.41 -16.21	27.61 1.56 -8.17	24.27 2.02 -0.42	28.71 2.28 0.00	32.15 2.14 -5.62	32.10 2.09 -5.22	36.13 2.26 -6.91	34.74 1.80 -9.62	21.58 1.29 -2.85

HOLTSVILLE_IC_2 23691	19.09 1.26 -1.16	16.69 1.11 0.00	14.50 0.91 0.00	14.40 0.96 0.00	13.32 0.86 0.00	14.30 0.88 0.00	12.84 0.77 0.00	14.72 0.93 0.00	14.68 0.94 0.00	14.48 0.90 0.00	14.63 0.94 0.00	14.54 0.67 -4.56	13.09 0.90 0.00	15.32 1.04 -0.01	20.61 1.03 -5.20	34.26 1.30 -15.92	27.39 1.43 -8.08	24.08 1.86 -0.40	28.52 2.08 0.00	31.83 1.97 -5.48	31.68 1.91 -4.98	35.79 2.07 -6.76	34.44 1.65 -9.46	21.26 1.20 -2.63
HOLTSVILLE_IC_3 23692	19.09 1.26 -1.16	16.69 1.11 0.00	14.50 0.91 0.00	14.40 0.96 0.00	13.32 0.86 0.00	14.30 0.88 0.00	12.84 0.77 0.00	14.72 0.93 0.00	14.68 0.94 0.00	14.48 0.90 0.00	14.63 0.94 0.00	14.54 0.67 -4.56	13.09 0.90 0.00	15.32 1.04 -0.01	20.61 1.03 -5.20	34.26 1.30 -15.92	27.39 1.43 -8.08	24.08 1.86 -0.40	28.52 2.08 0.00	31.83 1.97 -5.48	31.68 1.91 -4.98	35.79 2.07 -6.76	34.44 1.65 -9.46	21.26 1.20 -2.63
HOLTSVILLE_IC_4 23693	19.09 1.26 -1.16	16.69 1.11 0.00	14.50 0.91 0.00	14.40 0.96 0.00	13.32 0.86 0.00	14.30 0.88 0.00	12.84 0.77 0.00	14.72 0.93 0.00	14.68 0.94 0.00	14.48 0.90 0.00	14.63 0.94 0.00	14.54 0.67 -4.56	13.09 0.90 0.00	15.32 1.04 -0.01	20.61 1.03 -5.20	34.26 1.30 -15.92	27.39 1.43 -8.08	24.08 1.86 -0.40	28.52 2.08 0.00	31.83 1.97 -5.48	31.68 1.91 -4.98	35.79 2.07 -6.76	34.44 1.65 -9.46	21.26 1.20 -2.63
HOLTSVILLE_IC_5 23694	19.09 1.26 -1.16	16.69 1.11 0.00	14.50 0.91 0.00	14.40 0.96 0.00	13.32 0.86 0.00	14.30 0.88 0.00	12.84 0.77 0.00	14.72 0.93 0.00	14.68 0.94 0.00	14.48 0.90 0.00	14.63 0.94 0.00	14.54 0.67 -4.56	13.09 0.90 0.00	15.32 1.04 -0.01	20.61 1.03 -5.20	34.26 1.30 -15.92	27.39 1.43 -8.08	24.08 1.86 -0.40	28.52 2.08 0.00	31.83 1.97 -5.48	31.68 1.91 -4.98	35.79 2.07 -6.76	34.44 1.65 -9.46	21.26 1.20 -2.63
HOLTSVILLE_IC_6 23695	19.24 1.34 -1.23	16.77 1.18 0.00	14.57 0.97 0.00	14.46 1.01 0.00	13.37 0.91 0.00	14.36 0.94 0.00	12.89 0.82 0.00	14.78 0.99 0.00	14.74 1.00 0.00	14.54 0.96 0.00	14.69 1.00 0.00	14.57 0.71 -4.56	13.15 0.96 0.00	15.39 1.11 -0.01	20.75 1.11 -5.26	34.67 1.41 -16.21	27.61 1.56 -8.17	24.27 2.02 -0.42	28.71 2.28 0.00	32.15 2.14 -5.62	32.10 2.09 -5.22	36.13 2.26 -6.91	34.74 1.80 -9.62	21.58 1.29 -2.85
HOLTSVILLE_IC_7 23696	19.24 1.34 -1.23	16.77 1.18 0.00	14.57 0.97 0.00	14.46 1.01 0.00	13.37 0.91 0.00	14.36 0.94 0.00	12.89 0.82 0.00	14.78 0.99 0.00	14.74 1.00 0.00	14.54 0.96 0.00	14.69 1.00 0.00	14.57 0.71 -4.56	13.15 0.96 0.00	15.39 1.11 -0.01	20.75 1.11 -5.26	34.67 1.41 -16.21	27.61 1.56 -8.17	24.27 2.02 -0.42	28.71 2.28 0.00	32.15 2.14 -5.62	32.10 2.09 -5.22	36.13 2.26 -6.91	34.74 1.80 -9.62	21.58 1.29 -2.85
HOLTSVILLE_IC_8 23697	19.24 1.34 -1.23	16.77 1.18 0.00	14.57 0.97 0.00	14.46 1.01 0.00	13.37 0.91 0.00	14.36 0.94 0.00	12.89 0.82 0.00	14.78 0.99 0.00	14.74 1.00 0.00	14.54 0.96 0.00	14.69 1.00 0.00	14.57 0.71 -4.56	13.15 0.96 0.00	15.39 1.11 -0.01	20.75 1.11 -5.26	34.67 1.41 -16.21	27.61 1.56 -8.17	24.27 2.02 -0.42	28.71 2.28 0.00	32.15 2.14 -5.62	32.10 2.09 -5.22	36.13 2.26 -6.91	34.74 1.80 -9.62	21.58 1.29 -2.85
HOLTSVILLE_IC_9 23698	19.24 1.34 -1.23	16.77 1.18 0.00	14.57 0.97 0.00	14.46 1.01 0.00	13.37 0.91 0.00	14.36 0.94 0.00	12.89 0.82 0.00	14.78 0.99 0.00	14.74 1.00 0.00	14.54 0.96 0.00	14.69 1.00 0.00	14.57 0.71 -4.56	13.15 0.96 0.00	15.39 1.11 -0.01	20.75 1.11 -5.26	34.67 1.41 -16.21	27.61 1.56 -8.17	24.27 2.02 -0.42	28.71 2.28 0.00	32.15 2.14 -5.62	32.10 2.09 -5.22	36.13 2.26 -6.91	34.74 1.80 -9.62	21.58 1.29 -2.85
HOMER_HL_115KV_TB2 355744	17.15 0.47 0.00	15.99 0.40 0.00	14.00 0.40 0.00	13.72 0.27 0.00	12.76 0.30 0.00	13.81 0.39 0.00	12.35 0.27 0.00	14.15 0.36 0.00	14.16 0.42 0.00	14.00 0.42 0.00	13.91 0.22 0.00	9.28 -0.02 0.00	12.12 -0.07 0.00	14.22 -0.06 0.00	14.24 -0.14 0.00	16.86 -0.19 0.00	17.70 -0.17 0.00	21.50 -0.32 0.00	26.10 -0.33 0.00	23.96 -0.42 0.00	24.50 -0.29 0.00	26.73 -0.23 0.00	23.20 -0.13 0.00	17.49 0.06 0.00
HOWARD_WT_PWR 323690	17.28 0.60 0.00	16.08 0.49 0.00	14.04 0.44 0.00	13.81 0.36 0.00	12.84 0.38 0.00	13.91 0.48 0.00	12.48 0.41 0.00	14.28 0.49 0.00	14.25 0.52 0.00	14.10 0.52 0.00	14.07 0.38 0.00	9.43 0.13 0.00	12.35 0.16 0.00	14.37 0.10 0.00	14.41 0.04 0.00	17.07 0.02 0.00	18.03 0.15 0.00	22.05 0.22 -0.01	26.80 0.36 0.00	24.74 0.35 0.00	25.23 0.44 0.00	27.38 0.42 0.00	23.61 0.29 0.00	17.76 0.33 0.00
HQ_GEN_CEDARS 23644	16.55 -0.13 0.00	15.45 -0.14 0.00	13.49 -0.11 0.00	13.35 -0.09 0.00	12.37 -0.09 0.00	13.34 -0.09 0.00	12.04 -0.03 0.00	13.79 0.00 0.00	13.72 -0.01 0.00	13.56 -0.03 0.00	13.64 -0.05 0.00	9.28 -0.02 0.00	12.17 -0.02 0.00	14.28 0.01 0.00	14.38 0.00 0.00	16.99 -0.05 0.00	17.74 -0.13 0.00	21.59 -0.23 0.00	26.23 -0.21 0.00	24.22 -0.17 0.00	24.63 -0.17 0.00	26.90 -0.07 0.00	23.37 0.04 0.00	17.49 0.05 0.00
HQ_GEN_CEDARS_PROXY 323590	16.55 -0.13 0.00	15.45 -0.14 0.00	13.49 -0.11 0.00	13.35 -0.09 0.00	12.37 -0.09 0.00	13.34 -0.09 0.00	12.04 -0.03 0.00	13.79 0.00 0.00	13.72 -0.01 0.00	13.56 -0.03 0.00	13.64 -0.05 0.00	9.28 -0.02 0.00	12.17 -0.02 0.00	14.28 0.01 0.00	14.38 0.00 0.00	16.99 -0.05 0.00	17.75 -0.13 0.00	21.59 -0.23 0.00	26.23 -0.20 0.00	24.22 -0.16 0.00	24.63 -0.17 0.00	26.90 -0.07 0.00	23.37 0.04 0.00	17.49 0.05 0.00
HQ_GEN_IMPORT 323601	16.60 -0.08 0.00	15.50 -0.09 0.00	13.53 -0.07 0.00	13.38 -0.07 0.00	12.40 -0.06 0.00	13.36 -0.06 0.00	12.04 -0.04 0.00	13.77 -0.02 0.00	13.71 -0.03 0.00	13.56 -0.03 0.00	13.65 -0.04 0.00	9.28 -0.02 0.00	12.17 -0.02 0.00	14.27 -0.01 0.00	14.36 -0.01 0.00	17.01 -0.04 0.00	17.76 -0.12 0.00	21.62 -0.20 0.00	26.20 -0.23 0.00	24.19 -0.20 0.00	24.59 -0.20 0.00	27.65 -0.12 -0.81	23.31 -0.01 0.00	17.45 0.01 0.00
HQ_GEN_WHEEL 23651	16.60 -0.08 0.00	15.50 -0.09 0.00	13.53 -0.07 0.00	13.38 -0.07 0.00	12.40 -0.06 0.00	13.36 -0.06 0.00	12.04 -0.04 0.00	13.77 -0.02 0.00	13.71 -0.03 0.00	13.56 -0.03 0.00	13.65 -0.04 0.00	9.28 -0.02 0.00	12.17 -0.02 0.00	14.27 -0.01 0.00	14.36 -0.01 0.00	17.01 -0.04 0.00	17.76 -0.12 0.00	21.62 -0.20 0.00	26.20 -0.23 0.00	24.19 -0.20 0.00	24.59 -0.20 0.00	27.65 -0.12 -0.81	23.31 -0.01 0.00	17.45 0.01 0.00
HUDSON_AVE_GT_3 23810	17.40 0.73 0.00	16.20 0.62 0.00	14.14 0.54 0.00	14.02 0.58 0.00	12.97 0.51 0.00	13.92 0.49 0.00	12.50 0.42 0.00	14.27 0.48 0.00	14.30 0.57 0.00	14.18 0.60 0.00	14.38 0.69 0.00	14.39 0.50 -4.59	12.86 0.67 0.00	15.04 0.77 0.00	15.19 0.82 0.00	18.16 1.00 -0.10	18.93 1.05 0.00	23.20 1.30 -0.08	27.86 1.42 0.00	25.68 1.29 0.00	26.11 1.32 0.00	28.32 1.36 0.00	24.42 1.10 0.00	18.13 0.69 0.00

HUDSON AVE_GT_4 23540	17.40 0.73 0.00	16.20 0.62 0.00	14.14 0.54 0.00	14.02 0.58 0.00	12.97 0.51 0.00	13.92 0.49 0.00	12.50 0.42 0.00	14.27 0.48 0.00	14.30 0.57 0.00	14.18 0.60 0.00	14.38 0.69 0.00	14.39 0.50 -4.59	12.86 0.67 0.00	15.04 0.77 0.00	15.19 0.82 0.00	18.16 1.00 -0.10	18.93 1.05 0.00	23.20 1.30 -0.08	27.86 1.42 0.00	25.68 1.29 0.00	26.11 1.32 0.00	28.32 1.36 0.00	24.42 1.10 0.00	18.13 0.69 0.00
HUDSON AVE_GT_5 23657	17.40 0.73 0.00	16.20 0.62 0.00	14.14 0.54 0.00	14.02 0.58 0.00	12.97 0.51 0.00	13.92 0.49 0.00	12.50 0.42 0.00	14.27 0.48 0.00	14.30 0.57 0.00	14.18 0.60 0.00	14.38 0.69 0.00	14.39 0.50 -4.59	12.86 0.67 0.00	15.04 0.77 0.00	15.19 0.82 0.00	18.16 1.00 -0.10	18.93 1.05 0.00	23.20 1.30 -0.08	27.86 1.42 0.00	25.68 1.29 0.00	26.11 1.32 0.00	28.32 1.36 0.00	24.42 1.10 0.00	18.13 0.69 0.00
HUDSON_AVE_10 24168	17.33 0.65 0.00	16.13 0.55 0.00	14.09 0.48 0.00	13.97 0.52 0.00	12.92 0.46 0.00	13.87 0.44 0.00	12.45 0.38 0.00	14.23 0.44 0.00	14.26 0.53 0.00	14.13 0.55 0.00	14.33 0.64 0.00	14.35 0.46 -4.59	12.80 0.61 0.00	14.98 0.71 0.00	15.13 0.76 0.00	18.09 0.93 -0.10	18.84 0.97 0.00	23.10 1.21 -0.08	27.74 1.31 0.00	25.58 1.20 0.00	26.01 1.22 0.00	28.21 1.25 0.00	24.35 1.02 0.00	18.06 0.62 0.00
HUDSON___115KV_TB 4 355613	17.12 0.44 0.00	16.05 0.46 0.00	13.95 0.36 0.00	13.84 0.39 0.00	12.85 0.39 0.00	13.78 0.36 0.00	12.41 0.34 0.00	14.08 0.29 0.00	13.99 0.25 0.00	13.75 0.16 0.00	13.90 0.21 0.00	10.80 0.17 -1.34	12.39 0.20 0.00	14.48 0.20 0.00	14.70 0.32 0.00	17.47 0.52 0.10	18.57 0.69 0.00	22.96 1.04 -0.09	27.70 1.26 0.00	25.48 1.10 0.00	25.83 1.03 0.00	27.90 0.94 0.00	23.97 0.65 0.00	17.84 0.41 0.00
HUNTER MOUNT___DRP 323613	17.20 0.53 0.00	16.15 0.56 0.00	14.03 0.44 0.00	13.91 0.46 0.00	12.92 0.46 0.00	13.86 0.44 0.00	12.49 0.41 0.00	14.16 0.37 0.00	14.05 0.31 0.00	13.77 0.19 0.00	13.92 0.23 0.00	10.67 0.18 -1.19	12.42 0.23 0.00	14.51 0.24 0.00	14.75 0.37 0.00	17.59 0.61 0.07	18.69 0.81 0.00	23.13 1.22 -0.09	27.94 1.51 0.00	25.70 1.32 0.00	26.02 1.23 0.00	28.09 1.13 0.00	24.11 0.79 0.00	17.94 0.50 0.00
HUNTINGTON_RES_REC 323705	19.04 1.13 -1.24	16.57 0.98 0.00	14.39 0.79 0.00	14.29 0.84 0.00	13.22 0.75 0.00	14.19 0.76 0.00	12.74 0.66 0.00	14.60 0.81 0.00	14.57 0.83 0.00	14.38 0.80 0.00	14.53 0.84 0.00	14.47 0.61 -4.56	13.01 0.83 0.00	15.25 0.97 -0.01	20.66 0.99 -5.28	34.60 1.26 -16.29	27.46 1.38 -8.21	24.03 1.78 -0.43	28.44 2.00 0.00	31.90 1.87 -5.65	31.84 1.80 -5.25	35.83 1.92 -6.95	34.51 1.52 -9.67	21.40 1.09 -2.87
HUNTLEY___63 23557	17.25 0.57 0.00	16.02 0.44 0.00	14.03 0.43 0.00	13.70 0.25 0.00	12.74 0.27 0.00	13.89 0.46 0.00	12.41 0.33 0.00	14.17 0.38 0.00	14.00 0.27 0.00	13.86 0.28 0.00	13.82 0.13 0.00	9.30 0.00 0.00	12.17 -0.02 0.00	14.20 -0.08 0.00	14.22 -0.16 0.00	16.79 -0.26 0.00	17.66 -0.22 0.00	21.46 -0.36 -0.01	26.06 -0.37 0.00	23.82 -0.56 0.00	24.29 -0.50 0.00	26.39 -0.57 0.00	22.86 -0.46 0.00	17.36 -0.07 0.00
HUNTLEY___64 23558	17.25 0.57 0.00	16.02 0.44 0.00	14.03 0.43 0.00	13.70 0.25 0.00	12.74 0.27 0.00	13.89 0.46 0.00	12.41 0.33 0.00	14.17 0.38 0.00	14.00 0.27 0.00	13.86 0.28 0.00	13.82 0.13 0.00	9.30 0.00 0.00	12.17 -0.02 0.00	14.20 -0.08 0.00	14.22 -0.16 0.00	16.79 -0.26 0.00	17.66 -0.22 0.00	21.46 -0.36 -0.01	26.06 -0.37 0.00	23.82 -0.56 0.00	24.29 -0.50 0.00	26.39 -0.57 0.00	22.86 -0.46 0.00	17.36 -0.07 0.00
HUNTLEY___65 23559	17.25 0.57 0.00	16.02 0.44 0.00	14.03 0.43 0.00	13.70 0.25 0.00	12.74 0.27 0.00	13.89 0.46 0.00	12.41 0.33 0.00	14.17 0.38 0.00	14.00 0.27 0.00	13.86 0.28 0.00	13.82 0.13 0.00	9.30 0.00 0.00	12.17 -0.02 0.00	14.20 -0.08 0.00	14.22 -0.16 0.00	16.79 -0.26 0.00	17.66 -0.22 0.00	21.46 -0.36 -0.01	26.06 -0.37 0.00	23.82 -0.56 0.00	24.29 -0.50 0.00	26.39 -0.57 0.00	22.86 -0.46 0.00	17.36 -0.07 0.00
HUNTLEY___66 23560	17.25 0.57 0.00	16.02 0.44 0.00	14.03 0.43 0.00	13.70 0.25 0.00	12.74 0.27 0.00	13.89 0.46 0.00	12.41 0.33 0.00	14.17 0.38 0.00	14.00 0.27 0.00	13.86 0.28 0.00	13.82 0.13 0.00	9.30 0.00 0.00	12.17 -0.02 0.00	14.20 -0.08 0.00	14.22 -0.16 0.00	16.79 -0.26 0.00	17.66 -0.22 0.00	21.46 -0.36 -0.01	26.06 -0.37 0.00	23.82 -0.56 0.00	24.29 -0.50 0.00	26.39 -0.57 0.00	22.86 -0.46 0.00	17.36 -0.07 0.00
HUNTLEY___67 23561	17.06 0.39 0.00	15.85 0.27 0.00	13.88 0.28 0.00	13.56 0.11 0.00	12.61 0.15 0.00	13.74 0.32 0.00	12.28 0.21 0.00	14.02 0.23 0.00	13.87 0.13 0.00	13.72 0.14 0.00	13.70 0.01 0.00	9.20 -0.10 0.00	12.03 -0.16 0.00	14.05 -0.23 0.00	14.07 -0.30 0.00	16.61 -0.44 0.00	17.46 -0.42 0.00	21.20 -0.63 -0.01	25.74 -0.69 0.00	23.55 -0.83 0.00	24.05 -0.74 0.00	26.16 -0.80 0.00	22.67 -0.66 0.00	17.21 -0.23 0.00
HUNTLEY___68 23562	17.06 0.39 0.00	15.85 0.27 0.00	13.88 0.28 0.00	13.56 0.11 0.00	12.61 0.15 0.00	13.74 0.32 0.00	12.28 0.21 0.00	14.02 0.23 0.00	13.87 0.13 0.00	13.72 0.14 0.00	13.70 0.01 0.00	9.20 -0.10 0.00	12.03 -0.16 0.00	14.05 -0.23 0.00	14.07 -0.30 0.00	16.61 -0.44 0.00	17.46 -0.42 0.00	21.20 -0.63 -0.01	25.74 -0.69 0.00	23.55 -0.83 0.00	24.05 -0.74 0.00	26.16 -0.80 0.00	22.67 -0.66 0.00	17.21 -0.23 0.00
HYLAND___LFGE 323620	17.66 0.98 0.00	16.39 0.81 0.00	14.32 0.72 0.00	14.06 0.61 0.00	13.07 0.60 0.00	14.21 0.78 0.00	12.76 0.69 0.00	14.60 0.81 0.00	14.53 0.79 0.00	14.32 0.73 0.00	14.04 0.35 0.00	9.36 0.05 0.00	12.25 0.06 0.00	14.28 0.00 0.00	14.33 -0.05 0.00	16.98 -0.07 0.00	18.11 0.23 0.00	21.97 0.14 -0.01	27.30 0.86 0.00	25.36 0.98 0.00	25.90 1.11 0.00	28.05 1.09 0.00	24.14 0.81 0.00	18.13 0.69 0.00
INDECK___CORINTH 23802	17.58 0.91 0.00	16.44 0.86 0.00	14.29 0.69 0.00	14.16 0.71 0.00	13.10 0.64 0.00	14.11 0.69 0.00	12.71 0.64 0.00	14.51 0.72 0.00	14.42 0.68 0.00	14.18 0.60 0.00	14.26 0.57 0.00	11.14 0.41 -1.43	12.71 0.52 0.00	14.83 0.56 0.00	15.01 0.64 0.00	17.75 0.84 0.14	18.91 1.03 0.00	23.29 1.37 -0.10	28.08 1.65 0.00	25.90 1.51 0.00	26.50 1.71 0.00	28.62 1.65 0.00	24.64 1.32 0.00	18.30 0.87 0.00
INDECK___ILION 23567	16.61 -0.07 0.00	15.55 -0.03 0.00	13.56 -0.04 0.00	13.41 -0.04 0.00	12.43 -0.03 0.00	13.37 -0.05 0.00	12.03 -0.04 0.00	13.72 -0.07 0.00	13.65 -0.09 0.00	13.47 -0.12 0.00	13.60 -0.09 0.00	9.26 -0.04 0.00	12.10 -0.09 0.00	14.19 -0.08 0.00	14.33 -0.05 0.00	17.04 -0.01 0.00	17.92 0.04 0.00	22.00 0.18 0.00	26.66 0.22 0.00	24.57 0.18 0.00	24.99 0.19 0.00	27.12 0.16 0.00	23.35 0.02 0.00	17.38 -0.05 0.00

INDECK___OLEAN 23982	17.15 0.47 0.00	15.67 0.40 0.31	13.80 0.40 0.20	13.72 0.27 0.00	12.76 0.30 0.00	13.70 0.39 0.12	12.02 0.28 0.33	14.15 0.36 0.00	14.16 0.42 0.00	14.00 0.42 0.00	13.91 0.22 0.00	9.28 -0.02 0.00	12.12 -0.07 0.00	14.22 -0.06 0.00	14.24 -0.13 0.00	16.87 -0.18 0.00	17.70 -0.17 0.00	21.50 -0.32 -0.01	26.10 -0.33 0.00	23.96 -0.42 0.00	24.50 -0.29 0.00	26.73 -0.23 0.00	23.20 -0.13 0.00	17.49 0.06 0.00
INDECK___OSWEGO 23783	16.98 0.30 0.00	15.89 0.30 0.00	13.87 0.27 0.00	13.69 0.24 0.00	12.67 0.21 0.00	13.69 0.26 0.00	12.32 0.25 0.00	14.07 0.28 0.00	14.02 0.28 0.00	13.89 0.30 0.00	13.97 0.28 0.00	9.48 0.18 0.00	12.41 0.22 0.00	14.52 0.25 0.00	14.56 0.18 0.00	17.24 0.19 0.00	18.17 0.30 0.00	22.25 0.42 0.00	27.09 0.66 0.00	25.02 0.64 0.00	25.44 0.64 0.00	27.59 0.62 0.00	23.79 0.47 0.00	17.79 0.36 0.00
INDECK___YERKES 23781	17.26 0.59 0.00	15.83 0.46 0.21	13.91 0.44 0.13	13.71 0.27 0.00	12.75 0.28 0.00	13.82 0.48 0.08	12.20 0.35 0.22	14.18 0.39 0.00	14.02 0.28 0.00	13.87 0.29 0.00	13.84 0.15 0.00	9.31 0.01 0.00	12.18 -0.01 0.00	14.22 -0.06 0.00	14.24 -0.14 0.00	16.80 -0.24 0.00	17.68 -0.19 0.00	21.48 -0.34 -0.01	26.10 -0.34 0.00	23.85 -0.53 0.00	24.32 -0.47 0.00	26.43 -0.54 0.00	22.89 -0.43 0.00	17.38 -0.05 0.00
INDIAN POINT_GT_1 24139	17.26 0.59 0.00	16.08 0.50 0.00	14.02 0.42 0.00	13.90 0.45 0.00	12.86 0.40 0.00	13.80 0.38 0.00	12.39 0.32 0.00	14.15 0.36 0.00	14.17 0.42 0.00	14.03 0.44 0.00	14.21 0.52 0.00	14.97 0.38 -5.30	12.69 0.50 0.00	14.86 0.59 0.00	15.01 0.64 0.00	17.95 0.80 -0.10	18.73 0.86 0.00	22.99 1.10 -0.07	27.64 1.20 0.00	25.46 1.08 0.00	25.88 1.09 0.00	28.04 1.08 0.00	24.16 0.84 0.00	17.95 0.52 0.00
INDIAN POINT_GT_2 23659	17.26 0.59 0.00	16.08 0.50 0.00	14.02 0.42 0.00	13.90 0.45 0.00	12.86 0.40 0.00	13.80 0.38 0.00	12.39 0.32 0.00	14.15 0.36 0.00	14.17 0.42 0.00	14.03 0.44 0.00	14.21 0.52 0.00	14.97 0.38 -5.30	12.69 0.50 0.00	14.86 0.59 0.00	15.01 0.64 0.00	17.95 0.80 -0.10	18.73 0.86 0.00	22.99 1.10 -0.07	27.64 1.20 0.00	25.46 1.08 0.00	25.88 1.09 0.00	28.04 1.08 0.00	24.16 0.84 0.00	17.95 0.52 0.00
INDIAN POINT_GT_3 24019	17.26 0.59 0.00	16.08 0.50 0.00	14.02 0.42 0.00	13.90 0.45 0.00	12.86 0.40 0.00	13.80 0.38 0.00	12.39 0.32 0.00	14.15 0.36 0.00	14.17 0.42 0.00	14.03 0.44 0.00	14.21 0.52 0.00	14.97 0.38 -5.30	12.69 0.50 0.00	14.86 0.59 0.00	15.01 0.64 0.00	17.95 0.80 -0.10	18.73 0.86 0.00	22.99 1.10 -0.07	27.64 1.20 0.00	25.46 1.08 0.00	25.88 1.09 0.00	28.04 1.08 0.00	24.16 0.84 0.00	17.95 0.52 0.00
INDIAN POINT___2 23530	17.25 0.57 0.00	16.06 0.48 0.00	14.00 0.41 0.00	13.89 0.44 0.00	12.85 0.39 0.00	13.79 0.36 0.00	12.37 0.30 0.00	14.14 0.35 0.00	14.15 0.41 0.00	14.02 0.43 0.00	14.20 0.51 0.00	16.54 0.37 -6.87	12.68 0.49 0.00	14.85 0.58 0.00	15.00 0.62 0.00	17.93 0.78 -0.10	18.71 0.84 0.00	22.96 1.07 -0.07	27.60 1.16 0.00	25.43 1.05 0.00	25.84 1.05 0.00	28.02 1.05 0.00	24.14 0.81 0.00	17.93 0.49 0.00
INDIAN POINT___3 23531	17.25 0.57 0.00	16.07 0.48 0.00	14.01 0.42 0.00	13.90 0.45 0.00	12.86 0.39 0.00	13.80 0.37 0.00	12.38 0.31 0.00	14.14 0.36 0.00	14.15 0.42 0.00	14.02 0.43 0.00	14.20 0.51 0.00	15.08 0.37 -5.41	12.68 0.49 0.00	14.85 0.58 0.00	15.00 0.62 0.00	17.94 0.78 -0.10	18.72 0.84 0.00	22.97 1.08 -0.07	27.61 1.17 0.00	25.44 1.06 0.00	25.85 1.06 0.00	28.02 1.06 0.00	24.15 0.82 0.00	17.93 0.50 0.00
INGHAM_C_115KV_TB7 356103	16.45 -0.22 0.00	15.44 -0.14 0.00	13.45 -0.15 0.00	13.28 -0.17 0.00	12.33 -0.13 0.00	13.24 -0.18 0.00	11.93 -0.14 0.00	13.57 -0.22 0.00	13.47 -0.27 0.00	13.25 -0.34 0.00	13.40 -0.30 0.00	9.14 -0.16 0.00	11.92 -0.27 0.00	14.01 -0.26 0.00	14.19 -0.18 0.00	16.93 -0.12 0.00	17.87 -0.01 0.00	22.07 0.25 0.00	26.77 0.34 0.00	24.63 0.25 0.00	25.07 0.28 0.00	27.17 0.20 0.00	23.29 -0.04 0.00	17.25 -0.19 0.00
IP CORINTH___1 23988	17.59 0.91 0.00	16.44 0.86 0.00	14.29 0.69 0.00	14.16 0.71 0.00	13.10 0.64 0.00	14.11 0.69 0.00	12.71 0.64 0.00	14.51 0.72 0.00	14.42 0.68 0.00	14.18 0.60 0.00	14.26 0.57 0.00	11.14 0.41 -1.43	12.71 0.52 0.00	14.83 0.56 0.00	15.01 0.64 0.00	17.75 0.84 0.14	18.91 1.03 0.00	23.29 1.37 -0.10	28.08 1.65 0.00	25.90 1.51 0.00	26.50 1.71 0.00	28.62 1.65 0.00	24.64 1.32 0.00	18.30 0.87 0.00
IP___TICONDEROGA 23804	18.05 1.37 0.00	16.84 1.25 0.00	14.59 1.00 0.00	14.46 1.01 0.00	13.34 0.87 0.00	14.42 1.00 0.00	13.05 0.97 0.00	14.96 1.17 0.00	14.77 1.04 0.00	14.48 0.89 0.00	14.68 0.99 0.00	11.39 0.66 -1.43	13.20 1.01 0.00	15.43 1.16 0.00	15.68 1.31 0.00	18.54 1.64 0.15	19.83 1.96 0.00	24.29 2.37 -0.10	29.25 2.81 0.00	27.00 2.62 0.00	27.63 2.84 0.00	29.70 2.74 0.00	25.22 1.89 0.00	18.63 1.20 0.00
ISLIP_RES_REC 323679	19.36 1.41 -1.28	16.82 1.23 0.00	14.61 1.01 0.00	14.50 1.06 0.00	13.42 0.95 0.00	14.40 0.98 0.00	12.93 0.85 0.00	14.82 1.04 0.00	14.78 1.04 0.00	14.59 1.01 0.00	14.73 1.04 0.00	14.61 0.75 -4.56	13.19 1.00 0.00	15.45 1.17 -0.01	20.85 1.17 -5.30	34.96 1.50 -16.41	27.77 1.66 -8.24	24.41 2.15 -0.44	28.87 2.44 0.00	32.39 2.29 -5.71	32.39 2.22 -5.38	36.38 2.40 -7.02	34.97 1.92 -9.73	21.81 1.38 -3.00
JAMAICA___27_KV_LOAD 355505	17.43 0.76 0.00	16.24 0.65 0.00	14.19 0.59 0.00	14.06 0.61 0.00	13.01 0.55 0.00	13.98 0.56 0.00	12.55 0.48 0.00	14.35 0.56 0.00	14.39 0.65 0.00	14.25 0.67 0.00	14.45 0.75 0.00	14.42 0.53 -4.59	12.89 0.70 0.00	15.08 0.81 0.00	15.24 0.86 0.00	18.22 1.06 -0.10	18.96 1.09 0.00	23.25 1.35 -0.08	27.94 1.51 0.00	25.80 1.41 0.00	26.24 1.45 0.00	28.45 1.49 0.00	24.59 1.27 0.00	18.22 0.79 0.00
JANIS___SOLAR 323808	17.35 0.68 0.00	16.25 0.62 -0.06	14.16 0.53 -0.03	13.92 0.47 0.00	12.93 0.46 0.00	13.98 0.54 -0.02	12.64 0.51 -0.06	14.38 0.60 0.00	14.31 0.57 0.00	14.23 0.65 0.00	14.33 0.64 0.00	9.67 0.37 0.00	12.61 0.42 0.00	14.75 0.48 0.00	14.80 0.43 0.00	17.60 0.55 0.00	18.62 0.74 0.00	22.89 1.06 -0.01	27.84 1.40 0.00	25.79 1.41 0.00	26.18 1.39 0.00	28.30 1.34 0.00	24.36 1.03 0.00	18.17 0.74 0.00
JARVIS____ 23743	16.66 -0.02 0.00	15.58 0.00 0.00	13.60 0.00 0.00	13.45 0.00 0.00	12.46 0.00 0.00	13.42 -0.01 0.00	12.06 -0.01 0.00	13.78 -0.01 0.00	13.72 -0.02 0.00	13.56 -0.02 0.00	13.68 -0.01 0.00	9.29 -0.01 0.00	12.17 -0.02 0.00	14.25 -0.03 0.00	14.35 -0.03 0.00	17.03 -0.02 0.00	17.88 0.00 0.00	21.84 0.02 0.00	26.46 0.03 0.00	24.41 0.02 0.00	24.82 0.03 0.00	26.97 0.01 0.00	23.30 -0.02 0.00	17.42 -0.02 0.00

JENNISON___1 23625	17.34 0.66 0.00	16.19 0.61 0.00	14.12 0.52 0.00	13.93 0.48 0.00	12.93 0.46 0.00	13.94 0.52 0.00	12.56 0.49 0.00	14.37 0.58 0.00	14.35 0.61 0.00	14.25 0.66 0.00	14.36 0.67 0.00	9.71 0.41 0.00	12.71 0.52 0.00	14.88 0.61 0.00	14.95 0.57 0.00	17.76 0.70 0.00	18.72 0.85 0.00	22.97 1.14 -0.01	27.85 1.41 0.00	25.79 1.41 0.00	26.19 1.40 0.00	28.34 1.38 0.00	24.38 1.06 0.00	18.18 0.74 0.00
JENNISON___2 23626	17.34 0.66 0.00	16.19 0.61 0.00	14.12 0.52 0.00	13.93 0.48 0.00	12.93 0.46 0.00	13.94 0.52 0.00	12.56 0.49 0.00	14.37 0.58 0.00	14.35 0.61 0.00	14.25 0.66 0.00	14.36 0.67 0.00	9.71 0.41 0.00	12.71 0.52 0.00	14.88 0.61 0.00	14.95 0.57 0.00	17.76 0.70 0.00	18.72 0.85 0.00	22.97 1.14 -0.01	27.85 1.41 0.00	25.79 1.41 0.00	26.19 1.40 0.00	28.34 1.38 0.00	24.38 1.06 0.00	18.18 0.74 0.00
JERICHO_RISE_WT_PWR 323719	16.51 -0.17 0.00	15.45 -0.14 0.00	13.56 -0.03 0.00	13.43 -0.02 0.00	12.42 -0.04 0.00	13.42 -0.01 0.00	12.08 0.01 0.00	13.89 0.11 0.00	13.87 0.13 0.00	13.86 0.27 0.00	13.96 0.27 0.00	9.49 0.19 0.00	12.50 0.31 0.00	14.68 0.40 0.00	14.84 0.46 0.00	17.57 0.52 0.00	18.35 0.47 0.00	22.28 0.46 0.00	27.00 0.56 0.00	24.97 0.59 0.00	25.43 0.64 0.00	27.64 0.68 0.00	23.95 0.62 0.00	17.91 0.47 0.00
KATONAH___115KV_46KV_TB4 355592	17.36 0.69 0.00	16.17 0.59 0.00	14.10 0.50 0.00	13.98 0.53 0.00	12.93 0.47 0.00	13.88 0.46 0.00	12.47 0.40 0.00	14.25 0.46 0.00	14.25 0.51 0.00	14.11 0.53 0.00	14.30 0.61 0.00	12.81 0.44 -3.07	12.77 0.58 0.00	14.95 0.68 0.00	15.10 0.72 0.00	18.06 0.90 -0.10	18.85 0.98 0.00	23.16 1.27 -0.08	27.85 1.42 0.00	25.66 1.27 0.00	26.07 1.28 0.00	28.24 1.28 0.00	24.32 0.99 0.00	18.06 0.62 0.00
KCE_NY_1 323755	17.42 0.74 0.00	16.32 0.74 0.00	14.17 0.58 0.00	14.04 0.59 0.00	13.00 0.54 0.00	13.99 0.57 0.00	12.59 0.52 0.00	14.35 0.57 0.00	14.30 0.56 0.00	14.06 0.48 0.00	14.20 0.51 0.00	11.09 0.36 -1.44	12.65 0.46 0.00	14.80 0.52 0.00	14.96 0.59 0.00	17.68 0.78 0.15	18.83 0.96 0.00	23.26 1.35 -0.10	28.04 1.61 0.00	25.80 1.42 0.00	26.27 1.48 0.00	28.44 1.48 0.00	24.43 1.11 0.00	18.16 0.73 0.00
KCE_NY_6_ESR 323823	17.20 0.52 0.00	15.76 0.41 0.23	13.84 0.39 0.15	13.68 0.23 0.00	12.72 0.26 0.00	13.76 0.42 0.09	12.14 0.31 0.25	14.14 0.36 0.00	14.02 0.28 0.00	13.87 0.28 0.00	13.84 0.15 0.00	9.29 0.00 0.00	12.17 -0.02 0.00	14.21 -0.06 0.00	14.24 -0.14 0.00	16.83 -0.22 0.00	17.69 -0.19 0.00	21.49 -0.33 -0.01	26.11 -0.33 0.00	23.90 -0.48 0.00	24.41 -0.38 0.00	26.55 -0.41 0.00	22.99 -0.34 0.00	17.41 -0.03 0.00
KEDC_PORT_JEFF_GT2 24210	19.19 1.31 -1.20	16.74 1.16 0.00	14.54 0.94 0.00	14.44 0.99 0.00	13.35 0.89 0.00	14.34 0.92 0.00	12.87 0.80 0.00	14.75 0.97 0.00	14.72 0.98 0.00	14.52 0.94 0.00	14.67 0.98 0.00	14.56 0.70 -4.56	13.13 0.94 0.00	15.37 1.09 -0.01	20.71 1.10 -5.24	34.53 1.38 -16.10	27.55 1.54 -8.14	24.22 1.99 -0.41	28.67 2.24 0.00	32.05 2.11 -5.57	31.96 2.04 -5.13	36.02 2.20 -6.85	34.64 1.75 -9.56	21.47 1.26 -2.77
KEDC_PORT_JEFF_GT3 24211	19.19 1.31 -1.20	16.74 1.16 0.00	14.54 0.94 0.00	14.44 0.99 0.00	13.35 0.89 0.00	14.34 0.92 0.00	12.87 0.80 0.00	14.75 0.97 0.00	14.72 0.98 0.00	14.52 0.94 0.00	14.67 0.98 0.00	14.56 0.70 -4.56	13.13 0.94 0.00	15.37 1.09 -0.01	20.71 1.10 -5.24	34.53 1.38 -16.10	27.55 1.54 -8.14	24.22 1.99 -0.41	28.67 2.24 0.00	32.05 2.11 -5.57	31.96 2.04 -5.13	36.02 2.20 -6.85	34.64 1.75 -9.56	21.47 1.26 -2.77
KEDC_GLWD_GT4 24219	22.78 0.92 -5.18	16.40 0.80 -0.01	14.26 0.66 0.00	14.15 0.70 0.00	13.09 0.62 0.00	14.05 0.62 0.00	12.61 0.54 0.00	14.42 0.63 0.00	14.42 0.68 0.00	14.27 0.69 0.00	14.45 0.76 0.00	14.41 0.55 -4.56	12.92 0.73 0.00	15.17 0.87 -0.03	25.30 0.91 -10.02	54.99 1.11 -36.82	34.91 1.17 -15.86	25.03 1.37 -1.84	27.93 1.50 0.00	40.49 1.41 -14.69	45.31 1.54 -18.98	45.87 1.60 -17.32	45.49 1.27 -20.89	32.75 0.87 -14.45
KEDC_GLWD_GT5 24220	22.78 0.92 -5.18	16.40 0.80 -0.01	14.26 0.66 0.00	14.15 0.70 0.00	13.09 0.62 0.00	14.05 0.62 0.00	12.61 0.54 0.00	14.42 0.63 0.00	14.42 0.68 0.00	14.27 0.69 0.00	14.45 0.76 0.00	14.41 0.55 -4.56	12.92 0.73 0.00	15.17 0.87 -0.03	25.30 0.91 -10.02	54.99 1.11 -36.82	34.91 1.17 -15.86	25.03 1.37 -1.84	27.93 1.50 0.00	40.49 1.41 -14.69	45.31 1.54 -18.98	45.87 1.60 -17.32	45.49 1.27 -20.89	32.75 0.87 -14.45
KENSICO____ 23655	17.32 0.64 0.00	16.13 0.54 0.00	14.06 0.46 0.00	13.94 0.49 0.00	12.90 0.44 0.00	13.84 0.42 0.00	12.43 0.36 0.00	14.19 0.41 0.00	14.21 0.47 0.00	14.07 0.48 0.00	14.26 0.56 0.00	14.57 0.41 -4.86	12.74 0.55 0.00	14.91 0.64 0.00	15.06 0.68 0.00	18.01 0.85 -0.10	18.79 0.91 0.00	23.06 1.16 -0.08	27.71 1.28 0.00	25.54 1.15 0.00	25.96 1.17 0.00	28.14 1.18 0.00	24.24 0.92 0.00	18.01 0.57 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	17.35 0.67 0.00	16.14 0.56 0.00	14.07 0.47 0.00	13.94 0.49 0.00	12.89 0.43 0.00	13.87 0.45 0.00	12.45 0.37 0.00	14.23 0.44 0.00	14.23 0.49 0.00	14.05 0.47 0.00	14.19 0.50 0.00	9.63 0.33 0.00	12.57 0.38 0.00	14.75 0.47 0.00	14.94 0.56 0.00	17.85 0.76 -0.05	18.67 0.80 0.00	22.92 1.03 -0.07	27.61 1.17 0.00	25.52 1.14 0.00	26.12 1.33 0.00	28.28 1.32 0.00	24.32 1.00 0.00	18.05 0.61 0.00
KIAC_JFK_GT1 23816	17.33 0.66 0.00	16.15 0.56 0.00	14.11 0.51 0.00	13.98 0.53 0.00	12.94 0.47 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.27 0.48 0.00	14.31 0.57 0.00	14.17 0.59 0.00	14.37 0.68 0.00	14.37 0.48 -4.59	12.82 0.63 0.00	15.00 0.72 0.00	15.16 0.78 0.00	18.10 0.94 -0.10	18.79 0.91 0.00	23.04 1.14 -0.08	27.67 1.24 0.00	25.55 1.17 0.00	26.00 1.20 0.00	28.18 1.22 0.00	24.44 1.11 0.00	18.12 0.68 0.00
KIAC_JFK_GT2 23817	17.33 0.66 0.00	16.15 0.56 0.00	14.11 0.51 0.00	13.98 0.53 0.00	12.94 0.47 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.27 0.48 0.00	14.31 0.57 0.00	14.17 0.59 0.00	14.37 0.68 0.00	14.37 0.48 -4.59	12.82 0.63 0.00	15.00 0.72 0.00	15.16 0.78 0.00	18.10 0.94 -0.10	18.79 0.91 0.00	23.04 1.14 -0.08	27.67 1.24 0.00	25.55 1.17 0.00	26.00 1.20 0.00	28.18 1.22 0.00	24.44 1.11 0.00	18.12 0.68 0.00
KIAC_JFK____ 323774	17.33 0.66 0.00	16.15 0.56 0.00	14.11 0.51 0.00	13.98 0.53 0.00	12.94 0.47 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.27 0.48 0.00	14.31 0.57 0.00	14.17 0.59 0.00	14.37 0.68 0.00	14.37 0.48 -4.59	12.82 0.63 0.00	15.00 0.72 0.00	15.16 0.78 0.00	18.10 0.94 -0.10	18.79 0.92 0.00	23.04 1.15 -0.08	27.68 1.24 0.00	25.55 1.17 0.00	26.00 1.20 0.00	28.18 1.22 0.00	24.44 1.11 0.00	18.12 0.68 0.00

KINTIGH____ 23543	16.96 0.29 0.00	15.76 0.17 0.00	13.80 0.21 0.00	13.52 0.07 0.00	12.56 0.10 0.00	13.66 0.24 0.00	12.22 0.15 0.00	13.96 0.17 0.00	13.82 0.08 0.00	13.68 0.10 0.00	13.66 -0.03 0.00	9.18 -0.12 0.00	12.01 -0.18 0.00	14.02 -0.26 0.00	14.06 -0.32 0.00	16.60 -0.45 0.00	17.45 -0.43 0.00	21.20 -0.62 0.00	25.74 -0.69 0.00	23.57 -0.82 0.00	24.04 -0.75 0.00	26.16 -0.80 0.00	22.67 -0.66 0.00	17.17 -0.26 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	16.70 0.02 0.00	15.62 0.04 0.00	13.71 0.12 0.00	13.58 0.13 0.00	12.57 0.11 0.00	13.58 0.15 0.00	12.24 0.17 0.00	14.09 0.30 0.00	14.04 0.31 0.00	14.03 0.45 0.00	14.14 0.45 0.00	9.60 0.30 0.00	12.68 0.49 0.00	14.87 0.60 0.00	15.07 0.70 0.00	17.85 0.80 0.00	18.66 0.78 0.00	22.66 0.84 0.00	27.46 1.03 0.00	25.42 1.04 0.00	25.90 1.11 0.00	28.07 1.11 0.00	24.27 0.94 0.00	18.13 0.70 0.00
LACHUTE__HYDRO 323717	18.05 1.37 0.00	16.84 1.25 0.00	14.59 1.00 0.00	14.46 1.01 0.00	13.34 0.87 0.00	14.42 1.00 0.00	13.05 0.97 0.00	14.96 1.17 0.00	14.77 1.04 0.00	14.48 0.89 0.00	14.68 0.99 0.00	11.39 0.66 -1.43	13.20 1.01 0.00	15.43 1.16 0.00	15.68 1.31 0.00	18.54 1.63 0.15	19.83 1.96 0.00	24.29 2.37 -0.10	29.25 2.81 0.00	27.00 2.62 0.00	27.63 2.84 0.00	29.70 2.74 0.00	25.22 1.89 0.00	18.63 1.20 0.00
LAWRNCV_115KV_TB1 80681	16.32 -0.36 0.00	15.25 -0.34 0.00	13.33 -0.27 0.00	13.19 -0.26 0.00	12.21 -0.25 0.00	13.18 -0.25 0.00	11.90 -0.17 0.00	13.64 -0.15 0.00	13.58 -0.16 0.00	13.41 -0.17 0.00	13.49 -0.20 0.00	9.19 -0.11 0.00	12.05 -0.14 0.00	14.14 -0.13 0.00	14.23 -0.15 0.00	16.79 -0.27 0.00	17.53 -0.34 0.00	21.35 -0.47 0.00	25.99 -0.44 0.00	24.02 -0.36 0.00	24.42 -0.37 0.00	26.65 -0.31 0.00	23.13 -0.19 0.00	17.30 -0.14 0.00
LEDERLE____ 23769	17.31 0.63 0.00	16.11 0.53 0.00	14.05 0.46 0.00	13.94 0.49 0.00	12.89 0.43 0.00	13.84 0.41 0.00	12.42 0.34 0.00	14.19 0.40 0.00	14.20 0.46 0.00	14.07 0.49 0.00	14.26 0.57 0.00	4.41 0.41 5.30	12.73 0.54 0.00	14.92 0.65 0.00	15.07 0.69 0.00	18.02 0.87 -0.09	18.81 0.93 0.00	23.07 1.19 -0.07	27.74 1.31 0.00	25.56 1.18 0.00	25.96 1.17 0.00	28.13 1.17 0.00	24.24 0.92 0.00	17.99 0.56 0.00
LIGHTHSE_115KV_TB6 355974	16.80 0.13 0.00	15.79 0.20 0.00	13.79 0.20 0.00	13.60 0.15 0.00	12.59 0.13 0.00	13.60 0.17 0.00	12.26 0.19 0.00	13.99 0.20 0.00	13.94 0.20 0.00	13.76 0.18 0.00	13.83 0.13 0.00	9.41 0.11 0.00	12.32 0.13 0.00	14.42 0.14 0.00	14.42 0.05 0.00	17.05 0.00 0.00	17.96 0.08 0.00	21.99 0.16 0.00	26.88 0.44 0.00	24.84 0.45 0.00	25.25 0.46 0.00	27.42 0.46 0.00	23.69 0.37 0.00	17.70 0.27 0.00
LINDEN COGEN____ 23786	17.25 0.58 0.00	16.07 0.48 0.00	14.04 0.44 0.00	13.92 0.47 0.00	12.87 0.41 0.00	13.81 0.38 0.00	12.40 0.32 0.00	14.16 0.37 0.00	14.19 0.45 0.00	14.07 0.48 0.00	14.26 0.57 0.00	12.72 0.42 -3.00	12.75 0.56 0.00	14.92 0.64 0.00	15.05 0.68 0.01	18.00 0.84 -0.10	18.76 0.88 0.00	23.00 1.11 -0.08	27.62 1.18 0.00	25.46 1.08 0.00	25.90 1.10 0.00	27.75 1.11 0.32	24.22 0.89 0.00	17.97 0.53 0.00
LINDHRST_69_KV_BK1 356055	20.45 1.28 -2.50	16.71 1.12 -0.01	14.51 0.91 0.00	14.40 0.95 0.00	13.32 0.85 0.00	14.30 0.87 0.00	12.83 0.76 0.00	14.70 0.91 0.00	14.67 0.93 0.00	14.50 0.91 0.00	14.65 0.96 0.00	14.55 0.69 -4.56	13.11 0.92 0.00	15.38 1.10 -0.01	21.64 1.11 -6.15	39.16 1.39 -20.72	29.00 1.48 -9.64	24.56 1.93 -0.81	28.61 2.18 0.00	34.18 2.05 -7.75	35.57 2.01 -8.77	38.44 2.15 -9.33	37.33 1.73 -12.28	25.38 1.25 -6.69
LIPA_MISC_IPP 23656	19.17 1.33 -1.17	16.77 1.18 0.00	14.56 0.97 0.00	14.46 1.01 0.00	13.37 0.91 0.00	14.36 0.94 0.00	12.89 0.82 0.00	14.78 0.99 0.00	14.74 0.99 0.00	14.54 0.95 0.00	14.68 0.99 0.00	14.57 0.70 -4.56	13.13 0.95 0.00	15.38 1.10 -0.01	20.67 1.08 -5.21	34.39 1.38 -15.96	27.51 1.54 -8.09	24.23 2.01 -0.40	28.70 2.27 0.00	32.02 2.14 -5.50	31.88 2.07 -5.02	35.99 2.25 -6.78	34.59 1.78 -9.49	21.39 1.29 -2.67
LISF__SOLAR 323691	19.22 1.37 -1.18	16.80 1.21 0.00	14.59 0.99 0.00	14.48 1.03 0.00	13.39 0.93 0.00	14.38 0.96 0.00	12.91 0.84 0.00	14.80 1.01 0.00	14.75 1.01 0.00	14.55 0.97 0.00	14.69 1.00 0.00	14.57 0.71 -4.56	13.14 0.96 0.00	15.38 1.10 -0.01	20.69 1.09 -5.22	34.46 1.39 -16.01	27.56 1.58 -8.11	24.29 2.06 -0.41	28.76 2.33 0.00	32.11 2.20 -5.53	31.99 2.14 -5.06	36.09 2.31 -6.81	34.68 1.84 -9.52	21.46 1.32 -2.70
LITTLE FALLS__HYD 24013	16.45 -0.22 0.00	15.44 -0.14 0.00	13.45 -0.15 0.00	13.28 -0.17 0.00	12.33 -0.13 0.00	13.24 -0.18 0.00	11.93 -0.14 0.00	13.57 -0.22 0.00	13.47 -0.27 0.00	13.25 -0.34 0.00	13.40 -0.30 0.00	9.14 -0.16 0.00	11.92 -0.27 0.00	14.01 -0.26 0.00	14.19 -0.18 0.00	16.93 -0.12 0.00	17.87 -0.01 0.00	22.07 0.25 0.00	26.77 0.34 0.00	24.63 0.25 0.00	25.07 0.28 0.00	27.17 0.20 0.00	23.29 -0.04 0.00	17.25 -0.19 0.00
LITTLRIV_115KV_TB1 356100	16.49 -0.19 0.00	15.40 -0.19 0.00	13.46 -0.14 0.00	13.31 -0.13 0.00	12.33 -0.14 0.00	13.30 -0.12 0.00	12.03 -0.04 0.00	13.78 0.00 0.00	13.71 -0.03 0.00	13.53 -0.05 0.00	13.61 -0.08 0.00	9.27 -0.04 0.00	12.16 -0.03 0.00	14.26 -0.01 0.00	14.34 -0.03 0.00	16.92 -0.13 0.00	17.68 -0.19 0.00	21.54 -0.28 0.00	26.30 -0.14 0.00	24.34 -0.04 0.00	24.74 -0.05 0.00	26.98 0.02 0.00	23.40 0.08 0.00	17.49 0.06 0.00
LI_NEWBRDGE__DRP 323616	18.08 0.94 -0.46	16.40 0.81 0.00	14.26 0.66 0.00	14.15 0.70 0.00	13.09 0.63 0.00	14.05 0.63 0.00	12.61 0.54 0.00	14.44 0.65 0.00	14.42 0.68 0.00	14.25 0.67 0.00	14.42 0.72 0.00	14.39 0.53 -4.56	12.90 0.71 0.00	15.11 0.83 0.00	19.90 0.86 -4.66	31.19 1.04 -13.10	26.17 1.12 -7.18	23.43 1.46 -0.15	28.04 1.60 0.00	30.03 1.52 -4.13	28.97 1.47 -2.71	33.75 1.54 -5.25	32.51 1.22 -7.96	18.86 0.88 -0.55
LOCKPORT_115KV_TB60_63_64 80432	17.10 0.43 0.00	15.87 0.28 0.00	13.89 0.30 0.00	13.58 0.13 0.00	12.62 0.16 0.00	13.77 0.34 0.00	12.29 0.22 0.00	14.04 0.25 0.00	13.84 0.10 0.00	13.68 0.10 0.00	13.63 -0.06 0.00	9.18 -0.12 0.00	12.01 -0.18 0.00	14.01 -0.26 0.00	14.03 -0.35 0.00	16.55 -0.50 0.00	17.43 -0.45 0.00	21.18 -0.64 -0.01	25.74 -0.69 0.00	23.56 -0.83 0.00	24.06 -0.73 0.00	26.13 -0.83 0.00	22.64 -0.69 0.00	17.21 -0.23 0.00
LOCKPORT__CC1 323769	17.09 0.41 0.00	15.67 0.28 0.19	13.77 0.29 0.12	13.57 0.12 0.00	12.62 0.15 0.00	13.69 0.34 0.07	12.09 0.22 0.20	14.03 0.24 0.00	13.84 0.10 0.00	13.69 0.11 0.00	13.64 -0.05 0.00	9.18 -0.12 0.00	12.01 -0.18 0.00	14.02 -0.26 0.00	14.03 -0.35 0.00	16.56 -0.49 0.00	17.43 -0.45 0.00	21.17 -0.65 -0.01	25.73 -0.71 0.00	23.54 -0.85 0.00	24.05 -0.75 0.00	26.11 -0.85 0.00	22.63 -0.69 0.00	17.20 -0.23 0.00

LOCKPORT___CC2 323770	17.09 0.41 0.00	15.67 0.28 0.19	13.77 0.29 0.12	13.57 0.12 0.00	12.62 0.15 0.00	13.69 0.34 0.07	12.09 0.22 0.20	14.03 0.24 0.00	13.84 0.10 0.00	13.69 0.11 0.00	13.64 -0.05 0.00	9.18 -0.12 0.00	12.01 -0.18 0.00	14.02 -0.26 0.00	14.03 -0.35 0.00	16.56 -0.49 0.00	17.43 -0.45 0.00	21.17 -0.65 -0.01	25.73 -0.71 0.00	23.54 -0.85 0.00	24.05 -0.75 0.00	26.11 -0.85 0.00	22.63 -0.69 0.00	17.20 -0.23 0.00
LOCKPORT___CC3 323771	17.09 0.41 0.00	15.67 0.28 0.19	13.77 0.29 0.12	13.57 0.12 0.00	12.62 0.15 0.00	13.69 0.34 0.07	12.09 0.22 0.20	14.03 0.24 0.00	13.84 0.10 0.00	13.69 0.11 0.00	13.64 -0.05 0.00	9.18 -0.12 0.00	12.01 -0.18 0.00	14.02 -0.26 0.00	14.03 -0.35 0.00	16.56 -0.49 0.00	17.43 -0.45 0.00	21.17 -0.65 -0.01	25.73 -0.71 0.00	23.54 -0.85 0.00	24.05 -0.75 0.00	26.11 -0.85 0.00	22.63 -0.69 0.00	17.20 -0.23 0.00
LONG_LAKE_PHOENIX 24014	16.94 0.27 0.00	15.84 0.25 0.00	13.82 0.22 0.00	13.64 0.20 0.00	12.64 0.18 0.00	13.64 0.22 0.00	12.28 0.21 0.00	14.02 0.23 0.00	13.97 0.23 0.00	13.84 0.27 0.00	13.95 0.25 0.00	9.46 0.16 0.00	12.39 0.20 0.00	14.49 0.22 0.00	14.54 0.16 0.00	17.22 0.17 0.00	18.15 0.27 0.00	22.22 0.39 0.00	27.00 0.57 0.00	24.93 0.54 0.00	25.34 0.55 0.00	27.49 0.53 0.00	23.71 0.38 0.00	17.73 0.30 0.00
LOVETT___3 23632	17.23 0.55 0.00	16.04 0.46 0.00	13.99 0.39 0.00	13.88 0.43 0.00	12.84 0.37 0.00	13.78 0.35 0.00	12.36 0.29 0.00	14.12 0.33 0.00	14.14 0.40 0.00	14.00 0.42 0.00	14.19 0.50 0.00	4.13 0.36 5.53	12.67 0.48 0.00	14.84 0.57 0.00	14.99 0.61 0.00	17.92 0.78 -0.10	18.70 0.83 0.00	22.94 1.05 -0.07	27.58 1.15 0.00	25.41 1.03 0.00	25.82 1.02 0.00	27.99 1.03 0.00	24.11 0.78 0.00	17.90 0.47 0.00
LOVETT___4 23642	17.23 0.55 0.00	16.04 0.46 0.00	13.99 0.39 0.00	13.88 0.43 0.00	12.84 0.37 0.00	13.78 0.35 0.00	12.36 0.29 0.00	14.12 0.33 0.00	14.14 0.40 0.00	14.00 0.42 0.00	14.19 0.50 0.00	4.13 0.36 5.53	12.67 0.48 0.00	14.84 0.57 0.00	14.99 0.61 0.00	17.92 0.78 -0.10	18.70 0.83 0.00	22.94 1.05 -0.07	27.58 1.15 0.00	25.41 1.03 0.00	25.82 1.02 0.00	27.99 1.03 0.00	24.11 0.78 0.00	17.90 0.47 0.00
LOVETT___5 23593	17.23 0.55 0.00	16.04 0.46 0.00	13.99 0.39 0.00	13.88 0.43 0.00	12.84 0.37 0.00	13.78 0.35 0.00	12.36 0.29 0.00	14.12 0.33 0.00	14.14 0.40 0.00	14.00 0.42 0.00	14.19 0.50 0.00	4.13 0.36 5.53	12.67 0.48 0.00	14.84 0.57 0.00	14.99 0.61 0.00	17.92 0.78 -0.10	18.70 0.83 0.00	22.94 1.05 -0.07	27.58 1.15 0.00	25.41 1.03 0.00	25.82 1.02 0.00	27.99 1.03 0.00	24.11 0.78 0.00	17.90 0.47 0.00
LOWER RAQUET___HYD 24057	16.24 -0.43 0.00	15.19 -0.40 0.00	13.28 -0.32 0.00	13.14 -0.31 0.00	12.16 -0.30 0.00	13.12 -0.30 0.00	11.86 -0.21 0.00	13.60 -0.19 0.00	13.53 -0.21 0.00	13.37 -0.22 0.00	13.45 -0.24 0.00	9.16 -0.14 0.00	12.01 -0.18 0.00	14.10 -0.18 0.00	14.18 -0.20 0.00	16.72 -0.33 0.00	17.47 -0.41 0.00	21.27 -0.55 0.00	25.91 -0.52 0.00	23.96 -0.42 0.00	24.35 -0.44 0.00	26.57 -0.39 0.00	23.05 -0.27 0.00	17.24 -0.20 0.00
LOWER___HUDSON 24059	17.09 0.41 0.00	16.02 0.44 0.00	13.93 0.33 0.00	13.80 0.36 0.00	12.79 0.32 0.00	13.74 0.32 0.00	12.37 0.29 0.00	14.09 0.30 0.00	14.01 0.27 0.00	13.79 0.20 0.00	13.93 0.24 0.00	10.96 0.18 -1.48	12.42 0.23 0.00	14.54 0.26 0.00	14.69 0.32 0.00	17.31 0.44 0.18	18.48 0.61 0.00	22.83 0.91 -0.10	27.52 1.08 0.00	25.33 0.94 0.00	25.75 0.96 0.00	27.86 0.90 0.00	23.96 0.63 0.00	17.83 0.39 0.00
LOWVILLE_115KV_TB2 356335	16.56 -0.11 0.00	15.71 0.13 0.00	13.78 0.19 0.00	13.57 0.12 0.00	12.54 0.08 0.00	13.56 0.14 0.00	12.26 0.19 0.00	13.99 0.21 0.00	13.94 0.20 0.00	13.75 0.17 0.00	13.83 0.14 0.00	9.45 0.15 0.00	12.36 0.16 0.00	14.45 0.17 0.00	14.49 0.12 0.00	17.16 0.11 0.00	18.05 0.17 0.00	22.17 0.36 0.00	27.14 0.70 0.00	25.06 0.67 0.00	25.45 0.66 0.00	27.62 0.66 0.00	23.82 0.50 0.00	17.77 0.34 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	17.42 0.74 0.00	16.32 0.73 0.00	14.18 0.58 0.00	14.05 0.60 0.00	13.01 0.54 0.00	14.00 0.57 0.00	12.59 0.52 0.00	14.36 0.57 0.00	14.29 0.55 0.00	14.06 0.48 0.00	14.20 0.50 0.00	11.10 0.36 -1.44	12.65 0.46 0.00	14.80 0.52 0.00	14.97 0.59 0.00	17.68 0.78 0.15	18.82 0.94 0.00	23.22 1.31 -0.10	28.00 1.57 0.00	25.78 1.40 0.00	26.25 1.46 0.00	28.39 1.43 0.00	24.41 1.08 0.00	18.16 0.72 0.00
LUTHERNY_35_KV_BK2 355980	17.42 0.74 0.00	16.32 0.74 0.00	14.17 0.58 0.00	14.04 0.59 0.00	13.00 0.54 0.00	13.99 0.57 0.00	12.59 0.52 0.00	14.35 0.57 0.00	14.30 0.56 0.00	14.06 0.48 0.00	14.20 0.51 0.00	11.09 0.36 -1.44	12.65 0.46 0.00	14.80 0.52 0.00	14.96 0.59 0.00	17.68 0.78 0.15	18.83 0.96 0.00	23.26 1.35 -0.10	28.04 1.61 0.00	25.80 1.42 0.00	26.27 1.48 0.00	28.45 1.49 0.00	24.43 1.11 0.00	18.16 0.73 0.00
LWR___OSWEGATCHIE_HYD 23850	16.38 -0.30 0.00	15.43 -0.15 0.00	13.51 -0.09 0.00	13.33 -0.11 0.00	12.33 -0.14 0.00	13.32 -0.11 0.00	12.04 -0.03 0.00	13.77 -0.02 0.00	13.71 -0.03 0.00	13.53 -0.05 0.00	13.60 -0.09 0.00	9.29 -0.01 0.00	12.16 -0.03 0.00	14.23 -0.04 0.00	14.28 -0.10 0.00	16.88 -0.18 0.00	17.71 -0.17 0.00	21.65 -0.17 0.00	26.48 0.05 0.00	24.48 0.10 0.00	24.87 0.08 0.00	27.07 0.11 0.00	23.41 0.09 0.00	17.47 0.04 0.00
LYONS_FALL_HYD 23570	16.71 0.03 0.00	15.77 0.18 0.00	13.80 0.20 0.00	13.61 0.16 0.00	12.59 0.13 0.00	13.60 0.17 0.00	12.27 0.20 0.00	14.01 0.22 0.00	13.96 0.22 0.00	13.79 0.21 0.00	13.89 0.20 0.00	9.47 0.16 0.00	12.39 0.20 0.00	14.49 0.21 0.00	14.55 0.17 0.00	17.22 0.17 0.00	18.12 0.24 0.00	22.24 0.42 0.00	27.13 0.70 0.00	25.05 0.67 0.00	25.44 0.65 0.00	27.61 0.64 0.00	23.81 0.48 0.00	17.77 0.33 0.00
MADISON___COUNTY_LFGE 323628	16.98 0.30 0.00	15.89 0.31 0.00	13.88 0.28 0.00	13.71 0.26 0.00	12.70 0.24 0.00	13.70 0.27 0.00	12.33 0.26 0.00	14.08 0.30 0.00	14.02 0.28 0.00	13.89 0.30 0.00	14.01 0.32 0.00	9.51 0.21 0.00	12.46 0.27 0.00	14.57 0.30 0.00	14.66 0.28 0.00	17.35 0.30 0.00	18.29 0.41 0.00	22.44 0.62 0.00	27.24 0.81 0.00	25.16 0.77 0.00	25.56 0.77 0.00	27.69 0.73 0.00	23.87 0.55 0.00	17.84 0.40 0.00
MALONE___115KV_TB1 356076	16.61 -0.07 0.00	15.53 -0.06 0.00	13.61 0.02 0.00	13.48 0.03 0.00	12.47 0.01 0.00	13.47 0.04 0.00	12.15 0.07 0.00	13.98 0.19 0.00	13.93 0.19 0.00	13.89 0.31 0.00	13.96 0.27 0.00	9.49 0.19 0.00	12.49 0.30 0.00	14.68 0.41 0.00	14.82 0.44 0.00	17.56 0.51 0.00	18.33 0.46 0.00	22.27 0.45 0.00	27.06 0.62 0.00	25.05 0.67 0.00	25.48 0.69 0.00	27.70 0.74 0.00	23.99 0.67 0.00	17.93 0.49 0.00

MAPLEWOD_115KV_TB3 80458	16.99 0.31 0.00	15.92 0.34 0.00	13.85 0.25 0.00	13.73 0.28 0.00	12.74 0.27 0.00	13.67 0.24 0.00	12.30 0.23 0.00	13.98 0.19 0.00	13.91 0.17 0.00	13.72 0.13 0.00	13.87 0.18 0.00	10.94 0.16 -1.48	12.37 0.18 0.00	14.48 0.20 0.00	14.64 0.27 0.00	17.28 0.38 0.15	18.38 0.51 0.00	22.69 0.77 -0.10	27.35 0.91 0.00	25.17 0.78 0.00	25.56 0.76 0.00	27.65 0.69 0.00	23.79 0.46 0.00	17.72 0.28 0.00
MAPLE_RIDGE_WT_1 323574	16.36 -0.32 0.00	15.48 -0.10 0.00	13.59 0.00 0.00	13.43 -0.02 0.00	12.44 -0.03 0.00	13.41 -0.01 0.00	12.06 -0.01 0.00	13.77 -0.02 0.00	13.71 -0.02 0.00	13.57 -0.01 0.00	13.68 -0.01 0.00	9.29 -0.01 0.00	12.17 -0.01 0.00	14.25 -0.03 0.00	14.35 -0.03 0.00	17.03 -0.02 0.00	17.88 0.00 0.00	21.84 0.02 0.00	26.45 0.02 0.00	24.36 -0.02 0.00	24.75 -0.05 0.00	26.93 -0.04 0.00	23.29 -0.03 0.00	17.42 -0.02 0.00
MAPLE_RIDGE_WT_2 323611	16.36 -0.32 0.00	15.48 -0.10 0.00	13.59 0.00 0.00	13.43 -0.02 0.00	12.44 -0.03 0.00	13.41 -0.01 0.00	12.06 -0.01 0.00	13.77 -0.02 0.00	13.71 -0.02 0.00	13.57 -0.01 0.00	13.68 -0.01 0.00	9.29 -0.01 0.00	12.17 -0.01 0.00	14.25 -0.03 0.00	14.35 -0.03 0.00	17.03 -0.02 0.00	17.88 0.00 0.00	21.84 0.02 0.00	26.45 0.02 0.00	24.36 -0.02 0.00	24.75 -0.05 0.00	26.93 -0.04 0.00	23.29 -0.03 0.00	17.42 -0.02 0.00
MARBLE_RIVER_WT_PWR 323696	16.52 -0.16 0.00	15.46 -0.12 0.00	13.58 -0.02 0.00	13.45 0.00 0.00	12.44 -0.02 0.00	13.44 0.02 0.00	12.10 0.03 0.00	13.92 0.13 0.00	13.89 0.15 0.00	13.88 0.30 0.00	13.99 0.30 0.00	9.51 0.22 0.00	12.53 0.34 0.00	14.72 0.44 0.00	14.88 0.51 0.00	17.62 0.57 0.00	18.41 0.53 0.00	22.35 0.54 0.00	27.09 0.65 0.00	25.05 0.67 0.00	25.51 0.72 0.00	27.70 0.74 0.00	23.99 0.66 0.00	17.94 0.51 0.00
MARSHVLE_115KV_TB1 80742	18.01 1.33 0.00	16.83 1.24 0.00	14.73 1.14 0.00	14.57 1.13 0.00	13.44 0.98 0.00	14.56 1.13 0.00	13.08 1.01 0.00	14.96 1.17 0.00	14.93 1.20 0.00	14.86 1.28 0.00	14.94 1.25 0.00	11.54 0.84 -1.40	13.26 1.07 0.00	15.48 1.20 0.00	15.52 1.14 0.00	18.13 1.20 0.12	19.11 1.23 0.00	23.49 1.57 -0.10	28.46 2.03 0.00	26.38 2.00 0.00	26.78 1.99 0.00	29.22 2.26 0.00	25.31 1.98 0.00	18.92 1.48 0.00
MARSH_HILL_WT_PWR 323713	17.26 0.58 0.00	16.06 0.48 0.00	14.02 0.43 0.00	13.80 0.35 0.00	12.83 0.36 0.00	13.89 0.47 0.00	12.47 0.39 0.00	14.26 0.47 0.00	14.23 0.49 0.00	14.08 0.49 0.00	14.05 0.36 0.00	9.42 0.12 0.00	12.33 0.15 0.00	14.36 0.08 0.00	14.40 0.03 0.00	17.06 0.01 0.00	18.01 0.14 0.00	22.02 0.19 -0.01	26.76 0.33 0.00	24.71 0.33 0.00	25.21 0.42 0.00	27.35 0.39 0.00	23.59 0.26 0.00	17.75 0.31 0.00
MCINTYRE_115KV_TB2 80467	16.67 -0.01 0.00	15.55 -0.04 0.00	13.58 -0.01 0.00	13.44 0.00 0.00	12.45 -0.01 0.00	13.43 0.01 0.00	12.15 0.08 0.00	13.92 0.13 0.00	13.83 0.09 0.00	13.63 0.04 0.00	13.71 0.02 0.00	9.33 0.03 0.00	12.23 0.04 0.00	14.35 0.08 0.00	14.43 0.05 0.00	17.03 -0.02 0.00	17.80 -0.08 0.00	21.68 -0.14 0.00	26.52 0.09 0.00	24.55 0.16 0.00	24.97 0.18 0.00	27.23 0.27 0.00	23.63 0.30 0.00	17.67 0.23 0.00
MECO____69_KV_BK1 80468	18.35 1.67 0.00	17.13 1.54 0.00	14.95 1.36 0.00	14.79 1.34 0.00	13.67 1.21 0.00	14.77 1.34 0.00	13.29 1.22 0.00	14.96 1.17 0.00	14.63 0.89 0.00	14.41 0.83 0.00	14.77 1.07 0.00	11.41 0.70 -1.40	13.21 1.02 0.00	15.25 0.97 0.00	15.57 1.19 0.00	18.26 1.33 0.12	19.48 1.60 0.00	24.30 2.38 -0.10	29.53 3.10 0.00	27.32 2.93 0.00	27.68 2.89 0.00	30.01 3.05 0.00	25.84 2.51 0.00	19.23 1.79 0.00
MENANDS_115KV_TB5 355628	16.88 0.20 0.00	15.83 0.25 0.00	13.77 0.17 0.00	13.66 0.20 0.00	12.67 0.21 0.00	13.59 0.17 0.00	12.23 0.16 0.00	13.89 0.10 0.00	13.83 0.09 0.00	13.64 0.05 0.00	13.80 0.10 0.00	10.89 0.11 -1.48	12.31 0.12 0.00	14.40 0.12 0.00	14.56 0.18 0.00	17.18 0.27 0.14	18.28 0.40 0.00	22.54 0.63 -0.10	27.16 0.73 0.00	24.99 0.61 0.00	25.37 0.58 0.00	27.46 0.50 0.00	23.63 0.30 0.00	17.60 0.16 0.00
MG INDUSTRY___DRP 24185	17.03 0.35 0.00	15.97 0.39 0.00	13.90 0.31 0.00	13.78 0.34 0.00	12.79 0.32 0.00	13.72 0.30 0.00	12.34 0.26 0.00	14.02 0.23 0.00	13.94 0.20 0.00	13.74 0.16 0.00	13.90 0.20 0.00	10.86 0.17 -1.39	12.39 0.20 0.00	14.49 0.21 0.00	14.65 0.27 0.00	17.34 0.38 0.09	18.38 0.51 0.00	22.66 0.74 -0.10	27.32 0.88 0.00	25.11 0.73 0.00	25.48 0.69 0.00	27.60 0.64 0.00	23.76 0.43 0.00	17.71 0.27 0.00
MID___OSWEGATCHIE_HYD 23849	16.38 -0.30 0.00	15.43 -0.15 0.00	13.51 -0.09 0.00	13.33 -0.11 0.00	12.33 -0.14 0.00	13.32 -0.11 0.00	12.04 -0.03 0.00	13.77 -0.02 0.00	13.71 -0.03 0.00	13.53 -0.05 0.00	13.60 -0.09 0.00	9.29 -0.01 0.00	12.16 -0.03 0.00	14.23 -0.04 0.00	14.28 -0.10 0.00	16.88 -0.18 0.00	17.71 -0.17 0.00	21.65 -0.17 0.00	26.48 0.05 0.00	24.48 0.10 0.00	24.87 0.08 0.00	27.07 0.11 0.00	23.41 0.09 0.00	17.47 0.04 0.00
MID___RAQUETTE_HYD 23851	16.24 -0.43 0.00	15.19 -0.40 0.00	13.28 -0.32 0.00	13.14 -0.31 0.00	12.16 -0.30 0.00	13.12 -0.30 0.00	11.86 -0.21 0.00	13.59 -0.19 0.00	13.53 -0.21 0.00	13.37 -0.22 0.00	13.45 -0.24 0.00	9.16 -0.14 0.00	12.01 -0.18 0.00	14.10 -0.18 0.00	14.18 -0.20 0.00	16.72 -0.33 0.00	17.47 -0.41 0.00	21.27 -0.55 0.00	25.91 -0.52 0.00	23.96 -0.42 0.00	24.35 -0.44 0.00	26.57 -0.39 0.00	23.05 -0.27 0.00	17.24 -0.20 0.00
MILLIKEN___1 23584	17.04 0.36 0.00	15.92 0.34 0.00	13.89 0.29 0.00	13.69 0.24 0.00	12.71 0.25 0.00	13.72 0.30 0.00	12.34 0.26 0.00	14.10 0.31 0.00	14.08 0.34 0.00	13.94 0.35 0.00	14.03 0.34 0.00	9.48 0.18 0.00	12.41 0.22 0.00	14.51 0.24 0.00	14.58 0.20 0.00	17.30 0.25 0.00	18.23 0.35 0.00	22.33 0.50 -0.01	27.15 0.71 0.00	25.12 0.73 0.00	25.51 0.72 0.00	27.63 0.66 0.00	23.83 0.51 0.00	17.79 0.36 0.00
MILLIKEN___2 23585	17.04 0.36 0.00	15.92 0.34 0.00	13.89 0.29 0.00	13.69 0.24 0.00	12.71 0.25 0.00	13.72 0.30 0.00	12.34 0.26 0.00	14.10 0.31 0.00	14.08 0.34 0.00	13.94 0.35 0.00	14.03 0.34 0.00	9.48 0.18 0.00	12.41 0.22 0.00	14.51 0.24 0.00	14.58 0.20 0.00	17.30 0.25 0.00	18.23 0.35 0.00	22.33 0.50 -0.01	27.15 0.71 0.00	25.12 0.73 0.00	25.51 0.72 0.00	27.63 0.66 0.00	23.83 0.51 0.00	17.79 0.36 0.00
MILLIKEN___DIESEL 23629	17.04 0.36 0.00	15.92 0.34 0.00	13.89 0.29 0.00	13.69 0.24 0.00	12.71 0.25 0.00	13.72 0.30 0.00	12.34 0.26 0.00	14.10 0.31 0.00	14.08 0.34 0.00	13.94 0.35 0.00	14.03 0.34 0.00	9.48 0.18 0.00	12.41 0.22 0.00	14.51 0.24 0.00	14.58 0.20 0.00	17.30 0.25 0.00	18.23 0.35 0.00	22.33 0.50 -0.01	27.15 0.71 0.00	25.12 0.73 0.00	25.51 0.72 0.00	27.63 0.66 0.00	23.83 0.51 0.00	17.79 0.36 0.00

MILLSEAT___LFGE 323607	17.29 0.61 0.00	15.88 0.47 0.17	13.94 0.45 0.11	13.73 0.28 0.00	12.77 0.31 0.00	13.85 0.49 0.07	12.26 0.37 0.18	14.21 0.42 0.00	14.04 0.30 0.00	13.87 0.29 0.00	13.82 0.13 0.00	9.29 -0.01 0.00	12.18 -0.01 0.00	14.21 -0.06 0.00	14.22 -0.16 0.00	16.78 -0.27 0.00	17.74 -0.13 0.00	21.64 -0.19 0.00	26.38 -0.06 0.00	24.19 -0.19 0.00	24.69 -0.10 0.00	26.75 -0.21 0.00	23.15 -0.17 0.00	17.53 0.10 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	17.28 0.61 0.00	16.10 0.51 0.00	14.04 0.44 0.00	13.92 0.47 0.00	12.88 0.41 0.00	13.82 0.39 0.00	12.41 0.34 0.00	14.17 0.38 0.00	14.18 0.44 0.00	14.04 0.46 0.00	14.23 0.54 0.00	14.76 0.39 -5.07	12.71 0.52 0.00	14.88 0.61 0.00	15.03 0.65 0.00	17.97 0.82 -0.10	18.75 0.87 0.00	23.01 1.12 -0.07	27.66 1.23 0.00	25.49 1.10 0.00	25.91 1.12 0.00	28.08 1.12 0.00	24.19 0.87 0.00	17.97 0.54 0.00
MILLWOOD_13_KV_LOAD 356217	17.32 0.64 0.00	16.13 0.55 0.00	14.06 0.47 0.00	13.95 0.49 0.00	12.90 0.44 0.00	13.84 0.42 0.00	12.43 0.36 0.00	14.20 0.41 0.00	14.21 0.47 0.00	14.08 0.49 0.00	14.26 0.57 0.00	14.78 0.41 -5.07	12.73 0.54 0.00	14.91 0.64 0.00	15.06 0.68 0.00	18.02 0.86 -0.10	18.80 0.92 0.00	23.08 1.18 -0.07	27.74 1.31 0.00	25.56 1.18 0.00	25.98 1.19 0.00	28.15 1.19 0.00	24.25 0.93 0.00	18.01 0.58 0.00
MODEL_CITY_ENERGY 24167	16.96 0.28 0.00	15.54 0.15 0.20	13.66 0.19 0.12	13.47 0.02 0.00	12.52 0.06 0.00	13.59 0.24 0.08	11.98 0.12 0.21	13.92 0.13 0.00	13.69 -0.04 0.00	13.55 -0.04 0.00	13.50 -0.19 0.00	9.08 -0.21 0.00	11.88 -0.30 0.00	13.86 -0.41 0.00	13.88 -0.50 0.00	16.38 -0.67 0.00	17.23 -0.64 0.00	20.92 -0.91 -0.01	25.40 -1.03 0.00	23.24 -1.15 0.00	23.74 -1.05 0.00	25.78 -1.18 0.00	22.36 -0.96 0.00	17.01 -0.42 0.00
MODERN_LFGE___ 323580	16.96 0.28 0.00	15.54 0.15 0.20	13.66 0.19 0.12	13.47 0.02 0.00	12.52 0.06 0.00	13.59 0.24 0.08	11.98 0.12 0.21	13.92 0.13 0.00	13.69 -0.04 0.00	13.55 -0.04 0.00	13.50 -0.19 0.00	9.08 -0.21 0.00	11.88 -0.30 0.00	13.86 -0.41 0.00	13.88 -0.50 0.00	16.38 -0.67 0.00	17.23 -0.64 0.00	20.92 -0.91 -0.01	25.40 -1.03 0.00	23.24 -1.15 0.00	23.74 -1.05 0.00	25.78 -1.18 0.00	22.36 -0.96 0.00	17.01 -0.42 0.00
MOHAWK_PAPER___DRP 24187	16.99 0.31 0.00	15.92 0.34 0.00	13.85 0.25 0.00	13.73 0.28 0.00	12.74 0.27 0.00	13.67 0.24 0.00	12.30 0.23 0.00	13.98 0.19 0.00	13.91 0.17 0.00	13.72 0.13 0.00	13.87 0.18 0.00	10.94 0.16 -1.48	12.37 0.18 0.00	14.48 0.20 0.00	14.64 0.27 0.00	17.28 0.38 0.15	18.38 0.51 0.00	22.69 0.77 -0.10	27.35 0.91 0.00	25.17 0.78 0.00	25.56 0.76 0.00	27.65 0.69 0.00	23.79 0.46 0.00	17.72 0.28 0.00
MOHICAN___35_KV_115KV_LD 80490	17.60 0.92 0.00	16.46 0.88 0.00	14.29 0.70 0.00	14.17 0.72 0.00	13.11 0.64 0.00	14.12 0.70 0.00	12.72 0.65 0.00	14.52 0.73 0.00	14.43 0.69 0.00	14.18 0.60 0.00	14.29 0.60 0.00	11.16 0.42 -1.43	12.74 0.55 0.00	14.88 0.61 0.00	15.07 0.69 0.00	17.82 0.91 0.15	18.99 1.12 0.00	23.40 1.48 -0.10	28.22 1.78 0.00	26.02 1.63 0.00	26.60 1.80 0.00	28.71 1.75 0.00	24.67 1.35 0.00	18.32 0.88 0.00
MONGAUP___HYD 23641	17.26 0.59 0.00	16.08 0.50 0.00	14.02 0.42 0.00	13.88 0.44 0.00	12.85 0.39 0.00	13.81 0.38 0.00	12.40 0.33 0.00	14.15 0.36 0.00	14.12 0.38 0.00	13.94 0.36 0.00	14.04 0.35 0.00	6.39 0.18 3.09	12.44 0.25 0.00	14.66 0.38 0.00	14.83 0.45 0.00	17.85 0.72 -0.08	18.66 0.78 0.00	22.91 1.02 -0.06	27.62 1.19 0.00	25.50 1.12 0.00	25.90 1.11 0.00	28.06 1.10 0.00	24.15 0.82 0.00	17.94 0.50 0.00
MONTAUK___DIESEL 23721	19.80 1.95 -1.17	17.34 1.75 0.00	15.06 1.46 0.00	14.93 1.48 0.00	13.82 1.35 0.00	14.84 1.42 0.00	13.33 1.25 0.00	15.28 1.49 0.00	15.25 1.51 0.00	15.08 1.50 0.00	15.24 1.55 0.00	14.96 1.09 -4.56	13.64 1.45 0.00	16.00 1.72 -0.01	21.32 1.73 -5.22	35.20 2.17 -15.98	28.40 2.43 -8.10	25.30 3.08 -0.40	29.98 3.54 0.00	33.20 3.31 -5.51	33.01 3.19 -5.03	37.14 3.39 -6.79	35.50 2.68 -9.50	22.03 1.92 -2.68
MOONROAD_115KV_HARTFLD_TB1-2 355988	17.47 0.79 0.00	16.26 0.68 0.00	14.21 0.62 0.00	13.91 0.46 0.00	12.95 0.49 0.00	14.06 0.64 0.00	12.57 0.50 0.00	14.40 0.61 0.00	14.35 0.61 0.00	14.19 0.60 0.00	14.17 0.47 0.00	9.50 0.19 0.00	12.42 0.24 0.00	14.55 0.27 0.00	14.57 0.19 0.00	17.23 0.18 0.00	18.09 0.22 0.00	22.01 0.18 -0.01	26.72 0.28 0.00	24.52 0.13 0.00	25.10 0.30 0.00	27.31 0.35 0.00	23.57 0.25 0.00	17.77 0.33 0.00
MORTIMER_115KV_TB3 55949	17.01 0.33 0.00	15.82 0.23 0.00	13.83 0.23 0.00	13.57 0.12 0.00	12.60 0.14 0.00	13.68 0.26 0.00	12.26 0.19 0.00	14.00 0.21 0.00	13.90 0.17 0.00	13.76 0.18 0.00	13.80 0.11 0.00	9.36 0.06 0.00	12.28 0.09 0.00	14.30 0.02 0.00	14.34 -0.04 0.00	16.96 -0.09 0.00	17.94 0.06 0.00	21.96 0.14 0.00	26.75 0.31 0.00	24.63 0.24 0.00	25.08 0.29 0.00	27.13 0.17 0.00	23.44 0.12 0.00	17.67 0.24 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	17.36 0.69 0.00	16.17 0.58 0.00	14.10 0.51 0.00	13.99 0.54 0.00	12.94 0.48 0.00	13.88 0.46 0.00	12.47 0.39 0.00	14.24 0.45 0.00	14.26 0.53 0.00	14.13 0.55 0.00	14.33 0.64 0.00	14.35 0.46 -4.59	12.80 0.61 0.00	14.99 0.71 0.00	15.14 0.76 0.00	18.10 0.94 -0.10	18.87 0.99 0.00	23.13 1.24 -0.08	27.79 1.35 0.00	25.60 1.22 0.00	26.03 1.24 0.00	28.24 1.28 0.00	24.35 1.02 0.00	18.08 0.64 0.00
MUNSVILLE_WIND_PWR 323609	17.71 1.03 0.00	16.58 0.95 -0.05	14.44 0.81 -0.03	14.18 0.73 0.00	13.17 0.70 0.00	14.26 0.82 -0.02	12.92 0.79 -0.05	14.74 0.95 0.00	14.68 0.95 0.00	14.62 1.04 0.00	14.77 1.07 0.00	9.97 0.67 0.00	13.02 0.83 0.00	15.24 0.96 0.00	15.29 0.91 0.00	18.15 1.11 0.00	19.21 1.33 0.00	23.64 1.81 -0.01	28.71 2.28 0.00	26.60 2.21 0.00	26.95 2.16 0.00	29.09 2.13 0.00	25.00 1.68 0.00	18.62 1.19 0.00
N SALMON___HYD 24042	16.61 -0.07 0.00	15.53 -0.06 0.00	13.61 0.02 0.00	13.48 0.03 0.00	12.47 0.01 0.00	13.47 0.04 0.00	12.15 0.07 0.00	13.98 0.19 0.00	13.93 0.19 0.00	13.89 0.31 0.00	13.96 0.27 0.00	9.49 0.19 0.00	12.49 0.30 0.00	14.68 0.41 0.00	14.82 0.44 0.00	17.56 0.51 0.00	18.33 0.46 0.00	22.27 0.45 0.00	27.06 0.62 0.00	25.05 0.66 0.00	25.49 0.69 0.00	27.70 0.74 0.00	24.00 0.67 0.00	17.93 0.49 0.00
N.AKRON___115KV_KNAPP 355671	17.27 0.60 0.00	16.02 0.44 0.00	14.02 0.42 0.00	13.71 0.26 0.00	12.74 0.28 0.00	13.89 0.47 0.00	12.42 0.34 0.00	14.18 0.40 0.00	14.00 0.26 0.00	13.84 0.26 0.00	13.78 0.09 0.00	9.27 -0.03 0.00	12.15 -0.04 0.00	14.22 -0.06 0.00	14.19 -0.18 0.00	16.74 -0.31 0.00	17.67 -0.20 0.00	21.57 -0.26 0.00	26.20 -0.23 0.00	24.00 -0.38 0.00	24.51 -0.28 0.00	26.58 -0.38 0.00	23.00 -0.33 0.00	17.45 0.01 0.00

N.BELMOR_69_KV_BK1 55787	23.20 1.07 -5.45	16.52 0.93 -0.01	14.36 0.76 0.00	14.25 0.79 0.00	13.18 0.71 0.00	14.15 0.72 0.00	12.70 0.63 0.00	14.54 0.75 0.00	14.51 0.78 0.00	14.35 0.77 0.00	14.52 0.82 0.00	14.46 0.60 -4.56	12.99 0.80 0.00	15.25 0.95 -0.03	23.77 0.98 -8.41	51.24 1.19 -32.99	32.55 1.24 -13.43	25.40 1.65 -1.93	28.29 1.85 0.00	39.82 1.74 -13.69	45.49 1.70 -19.00	44.66 1.74 -15.96	43.33 1.41 -18.59	34.08 1.02 -15.63
N.E_GEN_SANDY PD 24062	17.06 0.38 0.00	15.95 0.37 0.00	13.88 0.28 0.00	13.77 0.31 0.00	12.74 0.28 0.00	13.69 0.26 0.00	12.31 0.24 0.00	14.04 0.25 0.00	13.97 0.23 0.00	13.77 0.19 0.00	13.94 0.25 0.00	11.45 0.19 -1.96	12.42 0.23 0.00	14.54 0.26 0.00	14.69 0.31 0.00	16.54 0.42 0.92	18.17 0.55 0.26	22.91 0.85 -0.25	27.42 0.98 0.00	25.24 0.86 0.00	25.64 0.85 0.00	28.55 0.77 -0.81	23.83 0.51 0.00	17.74 0.30 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	17.26 0.58 0.00	16.07 0.49 0.00	14.02 0.42 0.00	13.90 0.45 0.00	12.86 0.39 0.00	13.80 0.37 0.00	12.38 0.31 0.00	14.15 0.36 0.00	14.16 0.42 0.00	14.03 0.44 0.00	14.21 0.52 0.00	4.26 0.38 5.42	12.70 0.51 0.00	14.88 0.60 0.00	15.03 0.65 0.00	17.96 0.82 -0.10	18.75 0.87 0.00	22.99 1.10 -0.07	27.64 1.21 0.00	25.46 1.08 0.00	25.88 1.08 0.00	28.04 1.08 0.00	24.16 0.84 0.00	17.94 0.50 0.00
N.QUEENS_27_KV_LOAD 356247	17.38 0.70 0.00	16.20 0.62 0.00	14.12 0.52 0.00	14.00 0.56 0.00	12.94 0.48 0.00	13.87 0.44 0.00	12.47 0.39 0.00	14.25 0.46 0.00	14.28 0.54 0.00	14.15 0.57 0.00	14.34 0.64 0.00	14.38 0.49 -4.59	12.84 0.65 0.00	15.04 0.76 0.00	15.18 0.80 0.00	18.13 0.98 -0.10	18.88 1.01 0.00	23.10 1.21 -0.08	27.78 1.34 0.00	25.61 1.22 0.00	26.04 1.25 0.00	28.26 1.30 0.00	24.42 1.09 0.00	18.08 0.64 0.00
N.TROY___115KV_TB1 355778	17.09 0.41 0.00	16.02 0.43 0.00	13.93 0.33 0.00	13.81 0.36 0.00	12.79 0.32 0.00	13.74 0.32 0.00	12.37 0.29 0.00	14.09 0.30 0.00	14.01 0.27 0.00	13.79 0.20 0.00	13.93 0.24 0.00	10.96 0.18 -1.48	12.42 0.23 0.00	14.54 0.26 0.00	14.69 0.32 0.00	17.31 0.44 0.18	18.48 0.61 0.00	22.82 0.91 -0.10	27.51 1.08 0.00	25.33 0.94 0.00	25.75 0.96 0.00	27.86 0.90 0.00	23.95 0.63 0.00	17.83 0.39 0.00
NARROWS_GT1_1 24228	17.31 0.63 0.00	16.09 0.51 0.00	14.00 0.40 0.01	13.93 0.48 0.00	12.89 0.42 0.00	13.82 0.40 0.00	12.41 0.34 0.00	14.19 0.40 0.00	14.21 0.47 0.00	14.06 0.47 0.00	14.23 0.55 0.01	14.04 0.50 -4.24	12.84 0.65 0.00	15.02 0.75 0.00	15.15 0.78 0.00	18.16 1.00 -0.11	18.90 1.03 0.00	23.20 1.29 -0.08	27.81 1.37 0.00	25.64 1.25 -0.01	26.09 1.29 -0.01	28.03 1.34 0.26	24.40 1.08 0.00	18.10 0.66 0.00
NARROWS_GT1_2 24229	17.31 0.63 0.00	16.09 0.51 0.00	14.00 0.40 0.01	13.93 0.48 0.00	12.89 0.42 0.00	13.82 0.40 0.00	12.41 0.34 0.00	14.19 0.40 0.00	14.21 0.47 0.00	14.06 0.47 0.00	14.23 0.55 0.01	14.04 0.50 -4.24	12.84 0.65 0.00	15.02 0.75 0.00	15.15 0.78 0.00	18.16 1.00 -0.11	18.90 1.03 0.00	23.20 1.29 -0.08	27.81 1.37 0.00	25.64 1.25 -0.01	26.09 1.29 -0.01	28.03 1.34 0.26	24.40 1.08 0.00	18.10 0.66 0.00
NARROWS_GT1_3 24230	17.31 0.63 0.00	16.09 0.51 0.00	14.00 0.40 0.01	13.93 0.48 0.00	12.89 0.42 0.00	13.82 0.40 0.00	12.41 0.34 0.00	14.19 0.40 0.00	14.21 0.47 0.00	14.06 0.47 0.00	14.23 0.55 0.01	14.04 0.50 -4.24	12.84 0.65 0.00	15.02 0.75 0.00	15.15 0.78 0.00	18.16 1.00 -0.11	18.90 1.03 0.00	23.20 1.29 -0.08	27.81 1.37 0.00	25.64 1.25 -0.01	26.09 1.29 -0.01	28.03 1.34 0.26	24.40 1.08 0.00	18.10 0.66 0.00
NARROWS_GT1_4 24231	17.31 0.63 0.00	16.09 0.51 0.00	14.00 0.40 0.01	13.93 0.48 0.00	12.89 0.42 0.00	13.82 0.40 0.00	12.41 0.34 0.00	14.19 0.40 0.00	14.21 0.47 0.00	14.06 0.47 0.00	14.23 0.55 0.01	14.04 0.50 -4.24	12.84 0.65 0.00	15.02 0.75 0.00	15.15 0.78 0.00	18.16 1.00 -0.11	18.90 1.03 0.00	23.20 1.29 -0.08	27.81 1.37 0.00	25.64 1.25 -0.01	26.09 1.29 -0.01	28.03 1.34 0.26	24.40 1.08 0.00	18.10 0.66 0.00
NARROWS_GT1_5 24232	17.31 0.63 0.00	16.09 0.51 0.00	14.00 0.40 0.01	13.93 0.48 0.00	12.89 0.42 0.00	13.82 0.40 0.00	12.41 0.34 0.00	14.19 0.40 0.00	14.21 0.47 0.00	14.06 0.47 0.00	14.23 0.55 0.01	14.04 0.50 -4.24	12.84 0.65 0.00	15.02 0.75 0.00	15.15 0.78 0.00	18.16 1.00 -0.11	18.90 1.03 0.00	23.20 1.29 -0.08	27.81 1.37 0.00	25.64 1.25 -0.01	26.09 1.29 -0.01	28.03 1.34 0.26	24.40 1.08 0.00	18.10 0.66 0.00
NARROWS_GT1_6 24233	17.31 0.63 0.00	16.09 0.51 0.00	14.00 0.40 0.01	13.93 0.48 0.00	12.89 0.42 0.00	13.82 0.40 0.00	12.41 0.34 0.00	14.19 0.40 0.00	14.21 0.47 0.00	14.06 0.47 0.00	14.23 0.55 0.01	14.04 0.50 -4.24	12.84 0.65 0.00	15.02 0.75 0.00	15.15 0.78 0.00	18.16 1.00 -0.11	18.90 1.03 0.00	23.20 1.29 -0.08	27.81 1.37 0.00	25.64 1.25 -0.01	26.09 1.29 -0.01	28.03 1.34 0.26	24.40 1.08 0.00	18.10 0.66 0.00
NARROWS_GT1_7 24234	17.31 0.63 0.00	16.09 0.51 0.00	14.00 0.40 0.01	13.93 0.48 0.00	12.89 0.42 0.00	13.82 0.40 0.00	12.41 0.34 0.00	14.19 0.40 0.00	14.21 0.47 0.00	14.06 0.47 0.00	14.23 0.55 0.01	14.04 0.50 -4.24	12.84 0.65 0.00	15.02 0.75 0.00	15.15 0.78 0.00	18.16 1.00 -0.11	18.90 1.03 0.00	23.20 1.29 -0.08	27.81 1.37 0.00	25.64 1.25 -0.01	26.09 1.29 -0.01	28.03 1.34 0.26	24.40 1.08 0.00	18.10 0.66 0.00
NARROWS_GT1_8 24235	17.31 0.63 0.00	16.09 0.51 0.00	14.00 0.40 0.01	13.93 0.48 0.00	12.89 0.42 0.00	13.82 0.40 0.00	12.41 0.34 0.00	14.19 0.40 0.00	14.21 0.47 0.00	14.06 0.47 0.00	14.23 0.55 0.01	14.04 0.50 -4.24	12.84 0.65 0.00	15.02 0.75 0.00	15.15 0.78 0.00	18.16 1.00 -0.11	18.90 1.03 0.00	23.20 1.29 -0.08	27.81 1.37 0.00	25.64 1.25 -0.01	26.09 1.29 -0.01	28.03 1.34 0.26	24.40 1.08 0.00	18.10 0.66 0.00
NARROWS_GT2_1 24236	17.37 0.69 0.00	16.17 0.59 0.00	14.12 0.52 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.31 0.57 0.00	14.17 0.58 0.00	14.36 0.67 0.00	14.44 0.55 -4.59	12.91 0.72 0.00	15.11 0.84 0.00	15.26 0.88 0.00	18.26 1.11 -0.11	19.02 1.14 0.00	23.33 1.42 -0.08	27.99 1.56 0.00	25.80 1.41 -0.01	26.25 1.45 -0.01	28.45 1.49 0.00	24.53 1.21 0.00	18.20 0.76 0.00
NARROWS_GT2_2 24237	17.37 0.69 0.00	16.17 0.59 0.00	14.12 0.52 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.31 0.57 0.00	14.17 0.58 0.00	14.36 0.67 0.00	14.44 0.55 -4.59	12.91 0.72 0.00	15.11 0.84 0.00	15.26 0.88 0.00	18.26 1.11 -0.11	19.02 1.14 0.00	23.33 1.42 -0.08	27.99 1.56 0.00	25.80 1.41 -0.01	26.25 1.45 -0.01	28.45 1.49 0.00	24.53 1.21 0.00	18.20 0.76 0.00

NARROWS_GT2_3 24238	17.37 0.69 0.00	16.17 0.59 0.00	14.12 0.52 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.31 0.57 0.00	14.17 0.58 0.00	14.36 0.67 0.00	14.44 0.55 -4.59	12.91 0.72 0.00	15.11 0.84 0.00	15.26 0.88 0.00	18.26 1.11 -0.11	19.02 1.14 0.00	23.33 1.42 -0.08	27.99 1.56 0.00	25.80 1.41 -0.01	26.25 1.45 -0.01	28.45 1.49 0.00	24.53 1.21 0.00	18.20 0.76 0.00
NARROWS_GT2_4 24239	17.37 0.69 0.00	16.17 0.59 0.00	14.12 0.52 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.31 0.57 0.00	14.17 0.58 0.00	14.36 0.67 0.00	14.44 0.55 -4.59	12.91 0.72 0.00	15.11 0.84 0.00	15.26 0.88 0.00	18.26 1.11 -0.11	19.02 1.14 0.00	23.33 1.42 -0.08	27.99 1.56 0.00	25.80 1.41 -0.01	26.25 1.45 -0.01	28.45 1.49 0.00	24.53 1.21 0.00	18.20 0.76 0.00
NARROWS_GT2_5 24240	17.37 0.69 0.00	16.17 0.59 0.00	14.12 0.52 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.31 0.57 0.00	14.17 0.58 0.00	14.36 0.67 0.00	14.44 0.55 -4.59	12.91 0.72 0.00	15.11 0.84 0.00	15.26 0.88 0.00	18.26 1.11 -0.11	19.02 1.14 0.00	23.33 1.42 -0.08	27.99 1.56 0.00	25.80 1.41 -0.01	26.25 1.45 -0.01	28.45 1.49 0.00	24.53 1.21 0.00	18.20 0.76 0.00
NARROWS_GT2_6 24241	17.37 0.69 0.00	16.17 0.59 0.00	14.12 0.52 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.31 0.57 0.00	14.17 0.58 0.00	14.36 0.67 0.00	14.44 0.55 -4.59	12.91 0.72 0.00	15.11 0.84 0.00	15.26 0.88 0.00	18.26 1.11 -0.11	19.02 1.14 0.00	23.33 1.42 -0.08	27.99 1.56 0.00	25.80 1.41 -0.01	26.25 1.45 -0.01	28.45 1.49 0.00	24.53 1.21 0.00	18.20 0.76 0.00
NARROWS_GT2_7 24242	17.37 0.69 0.00	16.17 0.59 0.00	14.12 0.52 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.31 0.57 0.00	14.17 0.58 0.00	14.36 0.67 0.00	14.44 0.55 -4.59	12.91 0.72 0.00	15.11 0.84 0.00	15.26 0.88 0.00	18.26 1.11 -0.11	19.02 1.14 0.00	23.33 1.42 -0.08	27.99 1.56 0.00	25.80 1.41 -0.01	26.25 1.45 -0.01	28.45 1.49 0.00	24.53 1.21 0.00	18.20 0.76 0.00
NARROWS_GT2_8 24243	17.37 0.69 0.00	16.17 0.59 0.00	14.12 0.52 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.31 0.57 0.00	14.17 0.58 0.00	14.36 0.67 0.00	14.44 0.55 -4.59	12.91 0.72 0.00	15.11 0.84 0.00	15.26 0.88 0.00	18.26 1.11 -0.11	19.02 1.14 0.00	23.33 1.42 -0.08	27.99 1.56 0.00	25.80 1.41 -0.01	26.25 1.45 -0.01	28.45 1.49 0.00	24.53 1.21 0.00	18.20 0.76 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	17.20 0.53 0.00	16.15 0.56 0.00	14.03 0.44 0.00	13.91 0.46 0.00	12.92 0.46 0.00	13.86 0.44 0.00	12.49 0.41 0.00	14.16 0.37 0.00	14.05 0.31 0.00	13.77 0.19 0.00	13.92 0.23 0.00	10.67 0.18 -1.19	12.42 0.23 0.00	14.51 0.24 0.00	14.75 0.37 0.00	17.59 0.61 0.07	18.69 0.81 0.00	23.13 1.22 -0.09	27.94 1.51 0.00	25.70 1.32 0.00	26.02 1.23 0.00	28.09 1.13 0.00	24.11 0.79 0.00	17.94 0.50 0.00
NCHELSEA_115KV_TR2 355582	17.39 0.71 0.00	16.20 0.62 0.00	14.12 0.52 0.00	13.99 0.55 0.00	12.95 0.49 0.00	13.91 0.48 0.00	12.49 0.41 0.00	14.26 0.47 0.00	14.25 0.51 0.00	14.10 0.52 0.00	14.28 0.58 0.00	10.50 0.42 -0.78	12.75 0.56 0.00	14.94 0.66 0.00	15.10 0.72 0.00	18.04 0.91 -0.08	18.88 1.00 0.00	23.19 1.29 -0.08	27.91 1.48 0.00	25.71 1.33 0.00	26.13 1.33 0.00	28.29 1.33 0.00	24.35 1.02 0.00	18.08 0.65 0.00
NEG CAPITAL___MECHNVIL 23645	17.39 0.72 0.00	16.27 0.69 0.00	14.16 0.56 0.00	14.03 0.58 0.00	12.99 0.53 0.00	13.97 0.55 0.00	12.57 0.50 0.00	14.32 0.54 0.00	14.26 0.52 0.00	14.03 0.45 0.00	14.18 0.49 0.00	11.11 0.36 -1.45	12.63 0.44 0.00	14.78 0.51 0.00	14.95 0.58 0.00	17.65 0.76 0.16	18.81 0.94 0.00	23.22 1.31 -0.10	28.00 1.57 0.00	25.78 1.40 0.00	26.24 1.45 0.00	28.36 1.39 0.00	24.38 1.06 0.00	18.13 0.70 0.00
NEG CENTRAL_HIGH_ACRES 23767	16.65 -0.02 0.00	15.44 -0.08 0.06	13.51 -0.05 0.04	13.31 -0.14 0.00	12.36 -0.10 0.00	13.38 -0.02 0.02	11.96 -0.05 0.06	13.73 -0.06 0.00	13.66 -0.08 0.00	13.51 -0.07 0.00	13.55 -0.14 0.00	9.15 -0.15 0.00	11.98 -0.20 0.00	13.99 -0.28 0.00	14.05 -0.33 0.00	16.63 -0.42 0.00	17.55 -0.33 0.00	21.39 -0.44 0.00	26.00 -0.43 0.00	23.90 -0.48 0.00	24.33 -0.46 0.00	26.39 -0.57 0.00	22.80 -0.52 0.00	17.14 -0.29 0.00
NEG CENTRAL___DRP 24199	16.89 0.22 0.00	15.78 0.19 0.00	13.77 0.17 0.00	13.56 0.11 0.00	12.60 0.14 0.00	13.61 0.18 0.00	12.23 0.16 0.00	13.98 0.19 0.00	13.95 0.21 0.00	13.79 0.21 0.00	13.86 0.17 0.00	9.36 0.06 0.00	12.26 0.07 0.00	14.32 0.05 0.00	14.38 0.00 0.00	17.03 -0.02 0.00	17.95 0.07 0.00	21.97 0.14 0.00	26.71 0.27 0.00	24.68 0.29 0.00	25.09 0.30 0.00	27.17 0.21 0.00	23.46 0.13 0.00	17.56 0.13 0.00
NEG CENTRAL___INDECK 23768	17.51 0.83 0.00	16.26 0.68 0.00	14.21 0.61 0.00	13.95 0.50 0.00	12.96 0.50 0.00	14.08 0.66 0.00	12.64 0.57 0.00	14.46 0.67 0.00	14.38 0.64 0.00	14.21 0.63 0.00	14.05 0.35 0.00	9.40 0.09 0.00	12.30 0.12 0.00	14.35 0.07 0.00	14.40 0.02 0.00	17.06 0.01 0.00	18.15 0.27 0.00	22.07 0.24 -0.01	27.12 0.68 0.00	25.06 0.67 0.00	25.57 0.78 0.00	27.73 0.76 0.00	23.89 0.56 0.00	17.97 0.53 0.00
NEG CENTRAL___SENECA 23627	17.01 0.34 0.00	15.87 0.29 0.00	13.85 0.25 0.00	13.64 0.19 0.00	12.68 0.21 0.00	13.70 0.27 0.00	12.31 0.24 0.00	14.08 0.29 0.00	14.05 0.31 0.00	13.89 0.31 0.00	13.94 0.25 0.00	9.40 0.10 0.00	12.32 0.13 0.00	14.38 0.11 0.00	14.42 0.04 0.00	17.10 0.05 0.00	18.04 0.16 0.00	22.08 0.25 0.00	26.82 0.39 0.00	24.79 0.41 0.00	25.23 0.44 0.00	27.31 0.35 0.00	23.57 0.25 0.00	17.66 0.23 0.00
NEG CENTRAL___STATE_STREET 24147	16.93 0.25 0.00	15.87 0.28 0.00	13.85 0.25 0.00	13.60 0.15 0.00	12.66 0.19 0.00	13.67 0.25 0.00	12.28 0.21 0.00	14.03 0.25 0.00	14.01 0.27 0.00	13.81 0.23 0.00	13.93 0.24 0.00	9.40 0.10 0.00	12.36 0.17 0.00	14.44 0.17 0.00	14.52 0.14 0.00	17.15 0.10 0.00	18.06 0.18 0.00	22.09 0.26 0.00	26.95 0.51 0.00	24.89 0.51 0.00	25.25 0.46 0.00	27.32 0.36 0.00	23.63 0.31 0.00	17.62 0.19 0.00
NEG MILLWOOD___DRP 24198	17.42 0.74 0.00	16.23 0.64 0.00	14.14 0.55 0.00	14.02 0.57 0.00	12.97 0.51 0.00	13.93 0.50 0.00	12.51 0.44 0.00	14.29 0.50 0.00	14.29 0.55 0.00	14.15 0.57 0.00	14.33 0.64 0.00	11.70 0.46 -1.94	12.79 0.60 0.00	14.99 0.71 0.00	15.14 0.76 0.00	18.10 0.96 -0.09	18.93 1.05 0.00	23.26 1.36 -0.08	28.00 1.56 0.00	25.79 1.40 0.00	26.20 1.41 0.00	28.37 1.41 0.00	24.40 1.08 0.00	18.12 0.69 0.00

NEG NORTH_FLCN_SEA 23793	16.70 0.02 0.00	15.62 0.04 0.00	13.72 0.12 0.00	13.59 0.14 0.00	12.58 0.12 0.00	13.59 0.16 0.00	12.25 0.17 0.00	14.09 0.30 0.00	14.04 0.30 0.00	14.02 0.44 0.00	14.14 0.45 0.00	9.61 0.31 0.00	12.68 0.49 0.00	14.88 0.61 0.00	15.08 0.71 0.00	17.86 0.81 0.00	18.66 0.79 0.00	22.64 0.82 0.00	27.41 0.98 0.00	25.37 0.98 0.00	25.84 1.05 0.00	28.01 1.05 0.00	24.24 0.91 0.00	18.12 0.68 0.00
NEG NORTH_KES_CHATEGAY 23792	16.58 -0.10 0.00	15.50 -0.08 0.00	13.61 0.02 0.00	13.48 0.03 0.00	12.46 0.00 0.00	13.46 0.04 0.00	12.13 0.05 0.00	13.95 0.16 0.00	13.92 0.18 0.00	13.90 0.31 0.00	13.99 0.30 0.00	9.52 0.22 0.00	12.53 0.34 0.00	14.72 0.44 0.00	14.87 0.50 0.00	17.62 0.57 0.00	18.40 0.53 0.00	22.36 0.54 0.00	27.10 0.67 0.00	25.08 0.69 0.00	25.53 0.74 0.00	27.75 0.79 0.00	24.04 0.71 0.00	17.97 0.54 0.00
NEG NORTH___ALICE_FALLS 23915	16.70 0.02 0.00	15.62 0.04 0.00	13.71 0.12 0.00	13.58 0.13 0.00	12.57 0.11 0.00	13.58 0.15 0.00	12.24 0.17 0.00	14.09 0.30 0.00	14.04 0.31 0.00	14.03 0.45 0.00	14.14 0.45 0.00	9.60 0.30 0.00	12.68 0.49 0.00	14.87 0.60 0.00	15.07 0.70 0.00	17.85 0.80 0.00	18.66 0.78 0.00	22.66 0.84 0.00	27.46 1.03 0.00	25.42 1.04 0.00	25.90 1.11 0.00	28.07 1.11 0.00	24.27 0.94 0.00	18.13 0.70 0.00
NEG NORTH___LWR_SARANAC 23913	16.70 0.02 0.00	15.62 0.04 0.00	13.71 0.12 0.00	13.58 0.13 0.00	12.57 0.11 0.00	13.58 0.15 0.00	12.24 0.17 0.00	14.09 0.30 0.00	14.04 0.31 0.00	14.03 0.45 0.00	14.14 0.45 0.00	9.60 0.30 0.00	12.68 0.49 0.00	14.87 0.60 0.00	15.07 0.70 0.00	17.85 0.80 0.00	18.66 0.78 0.00	22.66 0.84 0.00	27.46 1.03 0.00	25.42 1.04 0.00	25.90 1.11 0.00	28.07 1.11 0.00	24.27 0.94 0.00	18.13 0.70 0.00
NEG NORTH___PLATTSBURG 23628	16.70 0.02 0.00	15.62 0.04 0.00	13.71 0.12 0.00	13.58 0.13 0.00	12.57 0.11 0.00	13.58 0.15 0.00	12.24 0.17 0.00	14.08 0.30 0.00	14.04 0.31 0.00	14.03 0.45 0.00	14.14 0.44 0.00	9.60 0.30 0.00	12.68 0.49 0.00	14.87 0.60 0.00	15.07 0.70 0.00	17.85 0.80 0.00	18.66 0.78 0.00	22.66 0.84 0.00	27.47 1.03 0.00	25.42 1.04 0.00	25.90 1.11 0.00	28.07 1.11 0.00	24.27 0.94 0.00	18.13 0.70 0.00
NEG WEST_LEA_LOCKPORT 23791	17.09 0.41 0.00	15.86 0.28 0.00	13.89 0.29 0.00	13.57 0.12 0.00	12.62 0.15 0.00	13.76 0.34 0.00	12.29 0.22 0.00	14.03 0.24 0.00	13.84 0.10 0.00	13.69 0.11 0.00	13.65 -0.05 0.00	9.18 -0.12 0.00	12.01 -0.18 0.00	14.02 -0.26 0.00	14.03 -0.35 0.00	16.56 -0.49 0.00	17.43 -0.45 0.00	21.17 -0.65 -0.01	25.73 -0.71 0.00	23.54 -0.85 0.00	24.04 -0.75 0.00	26.12 -0.84 0.00	22.63 -0.69 0.00	17.20 -0.24 0.00
NEG WEST___LANCASTR 23811	17.04 0.36 0.00	15.88 0.30 0.00	13.88 0.28 0.00	13.57 0.13 0.00	12.62 0.16 0.00	13.72 0.30 0.00	12.28 0.20 0.00	14.03 0.24 0.00	13.94 0.20 0.00	13.79 0.21 0.00	13.76 0.07 0.00	9.23 -0.07 0.00	12.08 -0.11 0.00	14.13 -0.15 0.00	14.15 -0.22 0.00	16.74 -0.31 0.00	17.59 -0.28 0.00	21.38 -0.45 -0.01	25.95 -0.48 0.00	23.79 -0.59 0.00	24.32 -0.47 0.00	26.47 -0.49 0.00	22.92 -0.41 0.00	17.34 -0.10 0.00
NEG_PENN_ALLEGHNY 23528	16.88 0.20 0.00	15.82 0.18 -0.05	13.79 0.16 -0.03	13.58 0.13 0.00	12.61 0.15 0.00	13.60 0.15 -0.02	12.26 0.13 -0.05	13.95 0.16 0.00	13.95 0.21 0.00	13.79 0.21 0.00	13.87 0.18 0.00	9.37 0.07 0.00	12.29 0.10 0.00	14.39 0.12 0.00	14.46 0.09 0.00	17.18 0.13 0.00	18.06 0.18 0.00	22.06 0.23 -0.01	26.72 0.28 0.00	24.72 0.33 0.00	25.14 0.35 0.00	27.31 0.35 0.00	23.55 0.23 0.00	17.62 0.18 0.00
NEG___GEN_MONROE 24207	17.16 0.49 0.00	15.97 0.39 0.00	13.98 0.39 0.00	13.73 0.28 0.00	12.73 0.27 0.00	13.83 0.41 0.00	12.40 0.33 0.00	14.15 0.36 0.00	14.02 0.28 0.00	13.85 0.27 0.00	13.87 0.18 0.00	9.39 0.09 0.00	12.33 0.14 0.00	14.33 0.05 0.00	14.36 -0.01 0.00	16.98 -0.07 0.00	17.98 0.10 0.00	22.05 0.23 0.00	26.87 0.44 0.00	24.73 0.34 0.00	25.20 0.41 0.00	27.26 0.30 0.00	23.54 0.21 0.00	17.76 0.32 0.00
NEPA___ENERGY 23901	17.01 0.33 0.00	15.89 0.30 0.00	13.88 0.28 0.00	13.61 0.16 0.00	12.68 0.21 0.00	13.72 0.29 0.00	12.26 0.19 0.00	14.05 0.26 0.00	14.04 0.30 0.00	13.86 0.27 0.00	13.83 0.14 0.00	9.26 -0.04 0.00	12.14 -0.04 0.00	14.22 -0.06 0.00	14.26 -0.12 0.00	16.89 -0.16 0.00	17.73 -0.15 0.00	21.54 -0.29 -0.01	26.12 -0.31 0.00	24.03 -0.35 0.00	24.55 -0.24 0.00	26.77 -0.19 0.00	23.12 -0.20 0.00	17.44 0.00 0.00
NEVERSINK___HYD 23608	17.18 0.51 0.00	16.00 0.42 0.00	13.95 0.35 0.00	13.82 0.37 0.00	12.78 0.32 0.00	13.72 0.29 0.00	12.30 0.23 0.00	14.06 0.27 0.00	14.06 0.32 0.00	13.93 0.35 0.00	14.08 0.39 0.00	9.52 0.22 0.00	12.20 0.01 0.00	14.30 0.03 0.00	14.49 0.11 0.00	17.32 0.22 -0.05	18.10 0.23 0.00	22.21 0.33 -0.06	26.77 0.34 0.00	24.77 0.39 0.00	25.88 1.09 0.00	28.04 1.08 0.00	24.12 0.79 0.00	17.91 0.47 0.00
NEWKRMKL_115KV_TB1 55635	16.83 0.15 0.00	15.77 0.19 0.00	13.72 0.12 0.00	13.61 0.16 0.00	12.64 0.18 0.00	13.55 0.12 0.00	12.20 0.12 0.00	13.84 0.05 0.00	13.78 0.04 0.00	13.60 0.02 0.00	13.76 0.07 0.00	10.86 0.09 -1.47	12.29 0.10 0.00	14.36 0.08 0.00	14.52 0.14 0.00	17.15 0.23 0.13	18.22 0.34 0.00	22.46 0.55 -0.10	27.07 0.63 0.00	24.90 0.52 0.00	25.27 0.48 0.00	27.36 0.40 0.00	23.54 0.21 0.00	17.53 0.09 0.00
NEWTON___FALLS_HYD 23847	16.38 -0.30 0.00	15.43 -0.15 0.00	13.51 -0.09 0.00	13.33 -0.11 0.00	12.33 -0.14 0.00	13.32 -0.11 0.00	12.04 -0.03 0.00	13.77 -0.02 0.00	13.71 -0.03 0.00	13.53 -0.05 0.00	13.60 -0.09 0.00	9.29 -0.01 0.00	12.16 -0.03 0.00	14.23 -0.04 0.00	14.28 -0.10 0.00	16.88 -0.18 0.00	17.71 -0.17 0.00	21.65 -0.17 0.00	26.48 0.05 0.00	24.48 0.10 0.00	24.87 0.08 0.00	27.07 0.11 0.00	23.41 0.09 0.00	17.47 0.04 0.00
NGRID_A1_DSASP 323792	16.93 0.25 0.00	15.53 0.15 0.21	13.66 0.19 0.13	13.46 0.01 0.00	12.52 0.05 0.00	13.58 0.23 0.08	11.98 0.12 0.22	13.91 0.12 0.00	13.74 0.00 0.00	13.60 0.02 0.00	13.57 -0.12 0.00	9.12 -0.18 0.00	11.92 -0.27 0.00	13.91 -0.37 0.00	13.93 -0.45 0.00	16.43 -0.62 0.00	17.26 -0.61 0.00	20.95 -0.88 -0.01	25.43 -1.01 0.00	23.18 -1.20 0.00	23.59 -1.20 0.00	25.66 -1.30 0.00	22.26 -1.06 0.00	16.95 -0.48 0.00
NGRID_A2_DSASP 323793	16.93 0.25 0.00	15.53 0.15 0.21	13.66 0.19 0.13	13.46 0.01 0.00	12.52 0.05 0.00	13.58 0.23 0.08	11.98 0.12 0.22	13.91 0.12 0.00	13.74 0.00 0.00	13.60 0.02 0.00	13.57 -0.12 0.00	9.12 -0.18 0.00	11.92 -0.27 0.00	13.91 -0.37 0.00	13.93 -0.45 0.00	16.43 -0.62 0.00	17.26 -0.61 0.00	20.95 -0.88 -0.01	25.43 -1.01 0.00	23.18 -1.20 0.00	23.59 -1.20 0.00	25.66 -1.30 0.00	22.26 -1.06 0.00	16.95 -0.48 0.00

NGRID_A4_DSASP 323807	16.93 0.25 0.00	15.73 0.15 0.00	13.79 0.19 0.00	13.46 0.01 0.00	12.52 0.05 0.00	13.66 0.23 0.00	12.20 0.12 0.00	13.91 0.12 0.00	13.74 0.00 0.00	13.60 0.02 0.00	13.57 -0.12 0.00	9.12 -0.18 0.00	11.92 -0.26 0.00	13.91 -0.37 0.00	13.93 -0.45 0.00	16.43 -0.62 0.00	17.26 -0.62 0.00	20.95 -0.88 -0.01	25.43 -1.00 0.00	23.18 -1.20 0.00	23.60 -1.20 0.00	25.66 -1.31 0.00	22.26 -1.06 0.00	16.95 -0.49 0.00
NIAGARA_115E_LBMP 323715	16.89 0.21 0.00	15.47 0.09 0.21	13.60 0.13 0.13	13.41 -0.04 0.00	12.47 0.01 0.00	13.54 0.19 0.08	11.93 0.07 0.22	13.86 0.07 0.00	13.62 -0.12 0.00	13.47 -0.11 0.00	13.43 -0.26 0.00	9.04 -0.26 0.00	11.81 -0.38 0.00	13.78 -0.50 0.00	13.79 -0.58 0.00	16.28 -0.77 0.00	17.12 -0.75 0.00	20.77 -1.05 -0.01	25.22 -1.21 0.00	23.06 -1.32 0.00	23.57 -1.23 0.00	25.60 -1.36 0.00	22.22 -1.11 0.00	16.91 -0.52 0.00
NIAGARA_115W_LBMP 323714	16.90 0.23 0.00	15.50 0.13 0.21	13.64 0.17 0.13	13.44 -0.01 0.00	12.50 0.04 0.00	13.56 0.21 0.08	11.96 0.11 0.22	13.89 0.11 0.00	13.71 -0.02 0.00	13.58 0.00 0.00	13.54 -0.14 0.00	9.11 -0.20 0.00	11.90 -0.28 0.00	13.89 -0.39 0.00	13.91 -0.47 0.00	16.40 -0.64 0.00	17.24 -0.64 0.00	20.91 -0.91 -0.01	25.39 -1.05 0.00	23.13 -1.25 0.00	23.54 -1.25 0.00	25.60 -1.36 0.00	22.22 -1.11 0.00	16.92 -0.52 0.00
NIAGARA_230_LBMP 323716	16.93 0.25 0.00	15.51 0.14 0.21	13.64 0.18 0.13	13.45 0.01 0.00	12.51 0.05 0.00	13.56 0.22 0.08	11.97 0.11 0.22	13.90 0.11 0.00	13.73 -0.01 0.00	13.59 0.01 0.00	13.56 -0.13 0.00	9.11 -0.19 0.00	11.91 -0.28 0.00	13.89 -0.38 0.00	13.92 -0.46 0.00	16.42 -0.63 0.00	17.25 -0.63 0.00	20.94 -0.89 0.00	25.42 -1.02 0.00	23.23 -1.16 0.00	23.72 -1.07 0.00	25.81 -1.15 0.00	22.39 -0.94 0.00	17.02 -0.41 0.00
NIAGARA__115KV_198_GIBSON 55903	16.90 0.23 0.00	15.71 0.13 0.00	13.77 0.17 0.00	13.44 -0.01 0.00	12.50 0.04 0.00	13.64 0.21 0.00	12.18 0.11 0.00	13.89 0.11 0.00	13.71 -0.03 0.00	13.58 0.00 0.00	13.55 -0.14 0.00	9.11 -0.19 0.00	11.90 -0.28 0.00	13.89 -0.39 0.00	13.91 -0.47 0.00	16.40 -0.65 0.00	17.24 -0.64 0.00	20.91 -0.91 -0.01	25.39 -1.05 0.00	23.13 -1.25 0.00	23.54 -1.25 0.00	25.59 -1.37 0.00	22.22 -1.11 0.00	16.92 -0.52 0.00
NIAGARA____ 23760	16.93 0.25 0.00	15.51 0.14 0.21	13.64 0.18 0.13	13.45 0.01 0.00	12.51 0.05 0.00	13.56 0.22 0.08	11.97 0.11 0.22	13.90 0.11 0.00	13.73 -0.01 0.00	13.59 0.01 0.00	13.56 -0.13 0.00	9.11 -0.19 0.00	11.91 -0.28 0.00	13.89 -0.38 0.00	13.92 -0.46 0.00	16.42 -0.63 0.00	17.25 -0.63 0.00	20.94 -0.89 0.00	25.42 -1.02 0.00	23.23 -1.16 0.00	23.72 -1.07 0.00	25.81 -1.15 0.00	22.39 -0.94 0.00	17.02 -0.41 0.00
NINE_MILE_1 23575	16.35 -0.32 0.00	15.28 -0.31 0.00	13.34 -0.26 0.00	13.16 -0.28 0.00	12.21 -0.25 0.00	13.17 -0.25 0.00	11.84 -0.24 0.00	13.52 -0.27 0.00	13.46 -0.27 0.00	13.32 -0.26 0.00	13.41 -0.28 0.00	9.10 -0.20 0.00	11.91 -0.28 0.00	13.94 -0.33 0.00	14.02 -0.36 0.00	16.61 -0.44 0.00	17.45 -0.42 0.00	21.31 -0.52 0.00	25.82 -0.61 0.00	23.83 -0.56 0.00	24.23 -0.56 0.00	26.31 -0.65 0.00	22.74 -0.58 0.00	17.05 -0.39 0.00
NINE_MILE_2 23744	16.36 -0.32 0.00	15.28 -0.30 0.00	13.34 -0.26 0.00	13.17 -0.28 0.00	12.21 -0.25 0.00	13.17 -0.25 0.00	11.84 -0.23 0.00	13.52 -0.27 0.00	13.47 -0.27 0.00	13.32 -0.26 0.00	13.41 -0.28 0.00	9.10 -0.20 0.00	11.91 -0.28 0.00	13.94 -0.33 0.00	14.02 -0.36 0.00	16.61 -0.43 0.00	17.46 -0.42 0.00	21.31 -0.52 0.00	25.83 -0.61 0.00	23.83 -0.56 0.00	24.23 -0.56 0.00	26.31 -0.65 0.00	22.75 -0.58 0.00	17.05 -0.39 0.00
NM_CAPITAL____DRP 24208	16.84 0.17 0.00	15.80 0.21 0.00	13.74 0.14 0.00	13.63 0.18 0.00	12.65 0.19 0.00	13.56 0.14 0.00	12.21 0.13 0.00	13.86 0.07 0.00	13.80 0.06 0.00	13.61 0.03 0.00	13.77 0.08 0.00	10.87 0.09 -1.48	12.30 0.11 0.00	14.36 0.09 0.00	14.53 0.15 0.00	17.14 0.24 0.14	18.23 0.36 0.00	22.49 0.57 -0.10	27.10 0.67 0.00	24.93 0.55 0.00	25.32 0.53 0.00	27.39 0.43 0.00	23.57 0.24 0.00	17.55 0.12 0.00
NM_CENTRAL____DRP 24181	16.70 0.02 0.00	15.59 0.01 0.00	13.60 0.00 0.00	13.43 -0.02 0.00	12.45 -0.01 0.00	13.44 0.01 0.00	12.08 0.01 0.00	13.79 0.00 0.00	13.74 0.00 0.00	13.60 0.03 0.00	13.70 0.00 0.00	9.29 -0.02 0.00	12.16 -0.03 0.00	14.23 -0.05 0.00	14.30 -0.08 0.00	16.95 -0.10 0.00	17.84 -0.04 0.00	21.80 -0.03 0.00	26.42 -0.01 0.00	24.38 0.00 0.00	24.79 0.00 0.00	26.91 -0.06 0.00	23.22 -0.10 0.00	17.40 -0.04 0.00
NM_FRONTIER____DRP 24179	16.90 0.23 0.00	15.71 0.13 0.00	13.77 0.17 0.00	13.44 -0.01 0.00	12.50 0.04 0.00	13.64 0.21 0.00	12.18 0.11 0.00	13.89 0.11 0.00	13.71 -0.03 0.00	13.58 0.00 0.00	13.55 -0.14 0.00	9.11 -0.19 0.00	11.90 -0.28 0.00	13.89 -0.39 0.00	13.91 -0.47 0.00	16.40 -0.65 0.00	17.24 -0.64 0.00	20.91 -0.91 -0.01	25.39 -1.05 0.00	23.13 -1.25 0.00	23.54 -1.25 0.00	25.59 -1.37 0.00	22.22 -1.11 0.00	16.92 -0.52 0.00
NM_ST_REGIS____HYD 24053	16.35 -0.32 0.00	15.29 -0.30 0.00	13.37 -0.23 0.00	13.24 -0.21 0.00	12.25 -0.21 0.00	13.22 -0.20 0.00	11.94 -0.13 0.00	13.70 -0.09 0.00	13.65 -0.09 0.00	13.52 -0.07 0.00	13.59 -0.10 0.00	9.25 -0.05 0.00	12.15 -0.04 0.00	14.26 -0.01 0.00	14.36 -0.01 0.00	16.95 -0.10 0.00	17.71 -0.16 0.00	21.55 -0.27 0.00	26.24 -0.20 0.00	24.27 -0.11 0.00	24.67 -0.12 0.00	26.90 -0.06 0.00	23.33 0.00 0.00	17.44 0.00 0.00
NORTHPORT___1 23551	18.83 1.13 -1.03	16.58 0.99 0.00	14.40 0.80 0.00	14.32 0.87 0.00	13.24 0.78 0.00	14.22 0.79 0.00	12.76 0.69 0.00	14.63 0.84 0.00	14.59 0.85 0.00	14.39 0.80 0.00	14.53 0.84 0.00	14.47 0.61 -4.56	13.01 0.82 0.00	15.21 0.93 -0.01	20.42 0.94 -5.11	33.58 1.13 -15.39	27.00 1.22 -7.91	23.76 1.59 -0.35	28.18 1.74 0.00	31.25 1.64 -5.23	30.94 1.58 -4.56	35.19 1.75 -6.48	33.91 1.40 -9.19	20.74 1.06 -2.25
NORTHPORT___2 23552	18.83 1.13 -1.03	16.58 0.99 0.00	14.40 0.80 0.00	14.32 0.87 0.00	13.24 0.78 0.00	14.22 0.79 0.00	12.76 0.69 0.00	14.63 0.84 0.00	14.59 0.85 0.00	14.39 0.80 0.00	14.53 0.84 0.00	14.47 0.61 -4.56	13.01 0.82 0.00	15.21 0.93 -0.01	20.42 0.94 -5.11	33.58 1.13 -15.39	27.00 1.22 -7.91	23.76 1.59 -0.35	28.18 1.74 0.00	31.25 1.64 -5.23	30.94 1.58 -4.56	35.19 1.75 -6.48	33.91 1.40 -9.19	20.74 1.06 -2.25
NORTHPORT___3 23553	18.66 0.96 -1.03	16.41 0.82 0.00	14.26 0.66 0.00	14.16 0.71 0.00	13.10 0.63 0.00	14.06 0.64 0.00	12.63 0.55 0.00	14.46 0.67 0.00	14.43 0.69 0.00	14.25 0.67 0.00	14.41 0.72 0.00	14.38 0.52 -4.56	12.90 0.71 0.00	15.10 0.81 -0.01	20.37 0.84 -5.15	33.58 1.03 -15.51	26.96 1.11 -7.98	23.62 1.45 -0.35	28.03 1.60 0.00	31.13 1.49 -5.26	30.79 1.43 -4.57	35.01 1.53 -6.52	33.79 1.21 -9.26	20.55 0.88 -2.24

NORTHPORT___4 23650	18.66 0.96 -1.03	16.41 0.82 0.00	14.26 0.66 0.00	14.16 0.71 0.00	13.10 0.63 0.00	14.06 0.64 0.00	12.63 0.55 0.00	14.46 0.67 0.00	14.43 0.69 0.00	14.25 0.67 0.00	14.41 0.72 0.00	14.38 0.52 -4.56	12.90 0.71 0.00	15.10 0.81 -0.01	20.37 0.84 -5.15	33.58 1.03 -15.51	26.96 1.11 -7.98	23.62 1.45 -0.35	28.03 1.60 0.00	31.13 1.49 -5.26	30.79 1.43 -4.57	35.01 1.53 -6.52	33.79 1.21 -9.26	20.55 0.88 -2.24
NORTHPORT___IC 23718	18.83 1.13 -1.03	16.58 0.99 0.00	14.40 0.80 0.00	14.32 0.87 0.00	13.24 0.78 0.00	14.22 0.79 0.00	12.76 0.69 0.00	14.63 0.84 0.00	14.59 0.85 0.00	14.39 0.80 0.00	14.53 0.84 0.00	14.47 0.61 -4.56	13.01 0.82 0.00	15.21 0.93 -0.01	20.42 0.94 -5.11	33.58 1.13 -15.39	27.00 1.22 -7.91	23.76 1.59 -0.35	28.18 1.74 0.00	31.25 1.64 -5.23	30.94 1.58 -4.56	35.19 1.75 -6.48	33.91 1.40 -9.19	20.74 1.06 -2.25
NORTH___COUNTRY_ESR 323785	16.51 -0.17 0.00	15.45 -0.14 0.00	13.56 -0.03 0.00	13.43 -0.02 0.00	12.42 -0.04 0.00	13.42 -0.01 0.00	12.08 0.01 0.00	13.89 0.11 0.00	13.87 0.13 0.00	13.86 0.27 0.00	13.96 0.27 0.00	9.49 0.19 0.00	12.50 0.31 0.00	14.68 0.40 0.00	14.84 0.46 0.00	17.57 0.52 0.00	18.35 0.47 0.00	22.28 0.46 0.00	27.00 0.56 0.00	24.97 0.59 0.00	25.43 0.64 0.00	27.64 0.68 0.00	23.95 0.62 0.00	17.91 0.47 0.00
NPX_GEN_1385_PROXY 323591	18.55 0.84 -1.03	16.36 0.78 0.00	14.17 0.57 0.00	14.24 0.79 0.00	13.17 0.71 0.00	14.14 0.71 0.00	12.69 0.62 0.00	14.65 0.87 0.00	14.53 0.79 0.00	14.17 0.59 0.00	14.30 0.61 0.00	14.31 0.44 -4.56	12.81 0.62 0.00	14.87 0.59 -0.01	20.08 0.60 -5.11	33.17 0.73 -15.39	26.52 0.74 -7.91	23.16 0.99 -0.35	27.75 1.31 0.00	30.72 1.10 -5.23	30.39 1.03 -4.56	34.84 1.40 -6.48	33.59 1.07 -9.19	20.50 0.81 -2.25
NPX_GEN_CSC 323557	19.25 1.41 -1.17	16.83 1.24 0.00	14.62 1.02 0.00	14.51 1.06 0.00	13.42 0.96 0.00	14.41 0.99 0.00	12.94 0.87 0.00	14.83 1.04 0.00	14.79 1.05 0.00	14.59 1.01 0.00	14.73 1.04 0.00	14.60 0.74 -4.56	13.18 1.00 0.00	15.44 1.16 -0.01	20.74 1.15 -5.21	34.48 1.46 -15.96	27.62 1.65 -8.09	24.36 2.14 -0.40	28.86 2.43 0.00	32.17 2.28 -5.50	32.03 2.22 -5.02	36.14 2.40 -6.78	34.71 1.90 -9.49	21.47 1.37 -2.67
NSINS_S_GLNS_FALLS 23858	17.62 0.94 0.00	16.48 0.89 0.00	14.32 0.72 0.00	14.18 0.74 0.00	13.13 0.66 0.00	14.14 0.71 0.00	12.74 0.67 0.00	14.54 0.75 0.00	14.45 0.71 0.00	14.20 0.62 0.00	14.30 0.61 0.00	11.17 0.44 -1.43	12.75 0.56 0.00	14.88 0.61 0.00	15.07 0.70 0.00	17.83 0.92 0.15	18.99 1.11 0.00	23.40 1.48 -0.10	28.22 1.78 0.00	26.02 1.63 0.00	26.61 1.81 0.00	28.72 1.76 0.00	24.69 1.37 0.00	18.34 0.90 0.00
NUCOR_STEEL___DRP 24197	16.90 0.23 0.00	15.85 0.27 0.00	13.84 0.24 0.00	13.59 0.14 0.00	12.65 0.18 0.00	13.67 0.24 0.00	12.27 0.20 0.00	14.02 0.23 0.00	14.00 0.26 0.00	13.79 0.20 0.00	13.92 0.22 0.00	9.39 0.09 0.00	12.35 0.16 0.00	14.43 0.16 0.00	14.51 0.13 0.00	17.14 0.09 0.00	18.04 0.16 0.00	22.06 0.23 0.00	26.91 0.48 0.00	24.86 0.48 0.00	25.22 0.43 0.00	27.28 0.32 0.00	23.61 0.28 0.00	17.60 0.16 0.00
NUMBER_THREE_WT_PWR 323818	16.53 -0.14 0.00	15.70 0.11 0.00	13.77 0.17 0.00	13.56 0.11 0.00	12.53 0.07 0.00	13.55 0.12 0.00	12.25 0.17 0.00	13.98 0.19 0.00	13.93 0.19 0.00	13.74 0.16 0.00	13.82 0.13 0.00	9.44 0.14 0.00	12.34 0.15 0.00	14.44 0.16 0.00	14.48 0.10 0.00	17.14 0.09 0.00	18.03 0.15 0.00	22.15 0.33 0.00	27.11 0.68 0.00	25.03 0.65 0.00	25.43 0.64 0.00	27.60 0.64 0.00	23.81 0.49 0.00	17.76 0.33 0.00
NYISO_LBMP_REFERENCE 24008	16.68 0.00 0.00	15.58 0.00 0.00	13.60 0.00 0.00	13.45 0.00 0.00	12.46 0.00 0.00	13.42 0.00 0.00	12.07 0.00 0.00	13.79 0.00 0.00	13.74 0.00 0.00	13.58 0.00 0.00	13.69 0.00 0.00	9.30 0.00 0.00	12.19 0.00 0.00	14.27 0.00 0.00	14.38 0.00 0.00	17.05 0.00 0.00	17.88 0.00 0.00	21.82 0.00 0.00	26.43 0.00 0.00	24.38 0.00 0.00	24.79 0.00 0.00	26.96 0.00 0.00	23.32 0.00 0.00	17.44 0.00 0.00
NYPA_BRENTWD___GT 24164	19.32 1.31 -1.34	16.73 1.15 0.00	14.54 0.94 0.00	14.44 0.99 0.00	13.35 0.89 0.00	14.33 0.91 0.00	12.87 0.80 0.00	14.75 0.96 0.00	14.71 0.97 0.00	14.51 0.93 0.00	14.67 0.98 0.00	14.56 0.70 -4.56	13.12 0.94 0.00	15.37 1.09 -0.01	20.83 1.11 -5.35	35.11 1.40 -16.66	27.66 1.47 -8.32	24.15 1.87 -0.47	28.54 2.10 0.00	32.20 1.98 -5.84	32.32 1.94 -5.59	36.29 2.17 -7.16	34.95 1.75 -9.87	21.90 1.28 -3.19
NYPA_GOWANUS___GT5 24156	17.31 0.63 0.00	16.09 0.51 0.00	14.00 0.40 0.01	13.93 0.48 0.00	12.89 0.42 0.00	13.82 0.40 0.00	12.41 0.34 0.00	14.19 0.40 0.00	14.21 0.47 0.00	14.06 0.47 0.00	14.23 0.55 0.01	14.04 0.50 -4.24	12.84 0.65 0.00	15.02 0.75 0.00	15.15 0.78 0.00	18.16 1.00 -0.11	18.90 1.03 0.00	23.20 1.29 -0.08	27.81 1.37 0.00	25.64 1.25 -0.01	26.09 1.29 -0.01	28.03 1.34 0.26	24.40 1.08 0.00	18.10 0.66 0.00
NYPA_GOWANUS___GT6 24157	17.31 0.63 0.00	16.09 0.51 0.00	14.00 0.40 0.01	13.93 0.48 0.00	12.89 0.42 0.00	13.82 0.40 0.00	12.41 0.34 0.00	14.19 0.40 0.00	14.21 0.47 0.00	14.06 0.47 0.00	14.23 0.55 0.01	14.04 0.50 -4.24	12.84 0.65 0.00	15.02 0.75 0.00	15.15 0.78 0.00	18.16 1.00 -0.11	18.90 1.03 0.00	23.20 1.29 -0.08	27.81 1.37 0.00	25.64 1.25 -0.01	26.09 1.29 -0.01	28.03 1.34 0.26	24.40 1.08 0.00	18.10 0.66 0.00
NYPA_HARLEM__RVR_GT1 24160	17.35 0.68 0.00	16.18 0.59 0.00	14.10 0.51 0.00	13.99 0.54 0.00	12.93 0.46 0.00	13.85 0.43 0.00	12.45 0.38 0.00	14.23 0.44 0.00	14.26 0.52 0.00	14.13 0.55 0.00	14.31 0.62 0.00	14.35 0.47 -4.58	12.81 0.62 0.01	14.99 0.72 0.01	15.13 0.76 0.01	18.09 0.94 -0.10	18.84 0.97 0.01	23.06 1.17 -0.07	27.73 1.30 0.00	25.57 1.18 0.00	25.99 1.20 0.00	28.21 1.25 0.00	24.37 1.05 0.00	18.05 0.61 0.00
NYPA_HARLEM__RVR_GT2 24161	17.35 0.68 0.00	16.18 0.59 0.00	14.10 0.51 0.00	13.99 0.54 0.00	12.93 0.46 0.00	13.85 0.43 0.00	12.45 0.38 0.00	14.23 0.44 0.00	14.26 0.52 0.00	14.13 0.55 0.00	14.31 0.62 0.00	14.35 0.47 -4.58	12.81 0.62 0.01	14.99 0.72 0.01	15.13 0.76 0.01	18.09 0.94 -0.10	18.84 0.97 0.01	23.06 1.17 -0.07	27.73 1.30 0.00	25.57 1.18 0.00	25.99 1.20 0.00	28.21 1.25 0.00	24.37 1.05 0.00	18.05 0.61 0.00
NYPA_KENT___GT 24152	17.40 0.72 0.00	16.19 0.61 0.00	14.13 0.53 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.27 0.49 0.00	14.30 0.56 0.00	14.17 0.59 0.00	14.36 0.67 0.00	14.41 0.52 -4.59	12.88 0.69 0.00	15.08 0.81 0.00	15.22 0.85 0.00	18.22 1.06 -0.11	18.98 1.10 0.00	23.26 1.36 -0.08	27.92 1.49 0.00	25.74 1.34 -0.01	26.18 1.38 -0.01	28.39 1.43 0.00	24.48 1.15 0.00	18.16 0.72 0.00

NYPA_POUCH1____GT 24155	17.28 0.61 0.00	16.07 0.49 0.00	14.01 0.42 0.01	13.95 0.50 0.00	12.90 0.44 0.00	13.84 0.41 0.00	12.43 0.36 0.00	14.20 0.42 0.00	14.23 0.49 0.00	14.06 0.47 0.00	14.24 0.55 0.01	14.00 0.50 -4.20	12.83 0.64 0.00	15.02 0.75 0.00	15.15 0.78 0.00	18.16 1.00 -0.11	18.91 1.03 0.00	23.20 1.30 -0.08	27.82 1.38 0.00	25.64 1.25 -0.01	26.08 1.28 -0.01	27.99 1.32 0.29	24.40 1.07 0.00	18.10 0.66 0.00
NYPA_VERNON____GT2 24162	17.41 0.74 0.00	16.21 0.63 0.00	14.14 0.54 0.00	14.01 0.57 0.00	12.96 0.50 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.27 0.48 0.00	14.30 0.56 0.00	14.17 0.59 0.00	14.37 0.67 0.00	14.38 0.50 -4.59	12.85 0.66 0.00	15.04 0.77 0.00	15.19 0.82 0.00	18.17 1.01 -0.10	18.93 1.05 0.00	23.19 1.29 -0.08	27.85 1.41 0.00	25.66 1.28 0.00	26.11 1.32 0.00	28.33 1.37 0.00	24.43 1.11 0.00	18.12 0.69 0.00
NYPA_VERNON____GT3 24163	17.41 0.74 0.00	16.21 0.63 0.00	14.14 0.54 0.00	14.01 0.57 0.00	12.96 0.50 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.27 0.48 0.00	14.30 0.56 0.00	14.17 0.59 0.00	14.37 0.67 0.00	14.38 0.50 -4.59	12.85 0.66 0.00	15.04 0.77 0.00	15.19 0.82 0.00	18.17 1.01 -0.10	18.93 1.05 0.00	23.19 1.29 -0.08	27.85 1.41 0.00	25.66 1.28 0.00	26.11 1.32 0.00	28.33 1.37 0.00	24.43 1.11 0.00	18.12 0.69 0.00
NYPA____ASTORIA_CC1 323568	17.40 0.73 0.00	16.21 0.62 0.00	14.14 0.54 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.91 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.30 0.56 0.00	14.17 0.59 0.00	14.37 0.68 0.00	14.39 0.50 -4.59	12.85 0.66 0.00	15.04 0.77 0.00	15.20 0.82 0.00	18.17 1.01 -0.10	18.93 1.06 0.00	23.18 1.29 -0.08	27.85 1.41 0.00	25.66 1.28 0.00	26.11 1.32 0.00	28.33 1.37 0.00	24.43 1.11 0.00	18.12 0.68 0.00
NYPA____ASTORIA_CC2 323569	17.40 0.73 0.00	16.21 0.62 0.00	14.14 0.54 0.00	14.02 0.57 0.00	12.97 0.50 0.00	13.91 0.48 0.00	12.49 0.42 0.00	14.28 0.49 0.00	14.30 0.56 0.00	14.17 0.59 0.00	14.37 0.68 0.00	14.39 0.50 -4.59	12.85 0.66 0.00	15.04 0.77 0.00	15.20 0.82 0.00	18.17 1.01 -0.10	18.93 1.06 0.00	23.18 1.29 -0.08	27.85 1.41 0.00	25.66 1.28 0.00	26.11 1.32 0.00	28.33 1.37 0.00	24.43 1.11 0.00	18.12 0.68 0.00
NYPA____HOLTSVILL 23794	19.09 1.26 -1.16	16.69 1.11 0.00	14.50 0.91 0.00	14.40 0.96 0.00	13.32 0.86 0.00	14.30 0.88 0.00	12.84 0.77 0.00	14.72 0.93 0.00	14.68 0.94 0.00	14.48 0.90 0.00	14.63 0.94 0.00	14.54 0.67 -4.56	13.09 0.90 0.00	15.31 1.03 -0.01	20.61 1.03 -5.20	34.26 1.29 -15.92	27.39 1.43 -8.08	24.07 1.85 -0.40	28.50 2.07 0.00	31.82 1.96 -5.48	31.67 1.90 -4.98	35.78 2.06 -6.76	34.43 1.64 -9.46	21.26 1.19 -2.63
NYPA____HELLGATE_GT1 24158	17.35 0.68 0.00	16.18 0.59 0.00	14.10 0.51 0.00	13.99 0.54 0.00	12.93 0.46 0.00	13.85 0.43 0.00	12.45 0.38 0.00	14.23 0.44 0.00	14.26 0.52 0.00	14.13 0.55 0.00	14.31 0.62 0.00	14.35 0.47 -4.58	12.81 0.62 0.01	14.99 0.72 0.01	15.13 0.76 0.01	18.09 0.94 -0.10	18.84 0.97 0.01	23.06 1.17 -0.07	27.73 1.30 0.00	25.57 1.18 0.00	25.99 1.20 0.00	28.21 1.25 0.00	24.37 1.05 0.00	18.05 0.61 0.00
NYPA____HELLGATE_GT2 24159	17.35 0.68 0.00	16.18 0.59 0.00	14.10 0.51 0.00	13.99 0.54 0.00	12.93 0.46 0.00	13.85 0.43 0.00	12.45 0.38 0.00	14.23 0.44 0.00	14.26 0.52 0.00	14.13 0.55 0.00	14.31 0.62 0.00	14.35 0.47 -4.58	12.81 0.62 0.01	14.99 0.72 0.01	15.13 0.76 0.01	18.09 0.94 -0.10	18.84 0.97 0.01	23.06 1.17 -0.07	27.73 1.30 0.00	25.57 1.18 0.00	25.99 1.20 0.00	28.21 1.25 0.00	24.37 1.05 0.00	18.05 0.61 0.00
NYS_BARGE____HYD 23848	17.10 0.43 0.00	15.68 0.28 0.19	13.78 0.30 0.12	13.57 0.13 0.00	12.62 0.16 0.00	13.70 0.35 0.07	12.09 0.22 0.20	14.04 0.25 0.00	13.84 0.10 0.00	13.68 0.10 0.00	13.63 -0.06 0.00	9.18 -0.12 0.00	12.01 -0.18 0.00	14.01 -0.26 0.00	14.02 -0.35 0.00	16.56 -0.49 0.00	17.43 -0.44 0.00	21.18 -0.64 -0.01	25.74 -0.69 0.00	23.55 -0.83 0.00	24.06 -0.73 0.00	26.12 -0.84 0.00	22.64 -0.69 0.00	17.21 -0.23 0.00
OAK ORCHARD____HYD 24046	17.01 0.33 0.00	15.71 0.23 0.11	13.76 0.23 0.07	13.57 0.12 0.00	12.60 0.14 0.00	13.64 0.26 0.04	12.15 0.19 0.11	14.00 0.21 0.00	13.90 0.17 0.00	13.76 0.18 0.00	13.80 0.11 0.00	9.36 0.06 0.00	12.28 0.09 0.00	14.30 0.02 0.00	14.34 -0.04 0.00	16.96 -0.09 0.00	17.94 0.06 0.00	21.96 0.14 0.00	26.75 0.31 0.00	24.63 0.24 0.00	25.08 0.29 0.00	27.13 0.17 0.00	23.44 0.12 0.00	17.67 0.24 0.00
OAKDALE__35_KV_LOAD 356122	16.83 0.15 0.00	15.72 0.14 0.00	13.72 0.12 0.00	13.54 0.09 0.00	12.57 0.11 0.00	13.54 0.12 0.00	12.17 0.09 0.00	13.91 0.12 0.00	13.90 0.16 0.00	13.75 0.17 0.00	13.82 0.13 0.00	9.34 0.04 0.00	12.25 0.06 0.00	14.34 0.07 0.00	14.42 0.04 0.00	17.12 0.07 0.00	17.99 0.11 0.00	21.97 0.14 -0.01	26.61 0.18 0.00	24.62 0.24 0.00	25.05 0.26 0.00	27.22 0.26 0.00	23.47 0.15 0.00	17.56 0.13 0.00
OCC_CHEM____DRP 24175	16.93 0.25 0.00	15.73 0.15 0.00	13.79 0.19 0.00	13.46 0.01 0.00	12.52 0.05 0.00	13.66 0.23 0.00	12.20 0.12 0.00	13.91 0.12 0.00	13.74 0.00 0.00	13.60 0.02 0.00	13.57 -0.12 0.00	9.12 -0.18 0.00	11.92 -0.26 0.00	13.91 -0.37 0.00	13.93 -0.45 0.00	16.43 -0.62 0.00	17.26 -0.62 0.00	20.95 -0.88 -0.01	25.43 -1.00 0.00	23.18 -1.20 0.00	23.60 -1.20 0.00	25.66 -1.31 0.00	22.26 -1.06 0.00	16.95 -0.49 0.00
OH_GEN_PROXY 24063	16.93 0.25 0.00	15.50 0.14 0.22	13.63 0.18 0.14	13.46 0.01 0.00	12.51 0.05 0.00	13.56 0.22 0.08	11.96 0.12 0.23	13.91 0.13 0.00	13.75 0.02 0.00	13.62 0.03 0.00	13.58 -0.11 0.00	9.12 -0.18 0.00	11.92 -0.27 0.00	13.92 -0.36 0.00	13.94 -0.44 0.00	16.45 -0.60 0.00	17.28 -0.60 0.00	20.98 -0.85 0.00	25.47 -0.97 0.00	23.28 -1.11 0.00	23.78 -1.01 0.00	25.88 -1.08 0.00	22.44 -0.88 0.00	17.05 -0.39 0.00
OLIN_CORP_DRP 24177	16.91 0.23 0.00	15.69 0.11 0.00	13.75 0.15 0.00	13.43 -0.02 0.00	12.49 0.02 0.00	13.63 0.20 0.00	12.16 0.08 0.00	13.88 0.09 0.00	13.65 -0.09 0.00	13.49 -0.09 0.00	13.46 -0.23 0.00	9.05 -0.25 0.00	11.84 -0.35 0.00	13.80 -0.47 0.00	13.82 -0.56 0.00	16.32 -0.73 0.00	17.15 -0.72 0.00	20.81 -1.01 -0.01	25.27 -1.16 0.00	23.11 -1.28 0.00	23.61 -1.18 0.00	25.66 -1.30 0.00	22.26 -1.07 0.00	16.94 -0.50 0.00
OLIN_CORP_DSASP 323712	16.93 0.25 0.00	15.53 0.15 0.21	13.66 0.19 0.13	13.46 0.01 0.00	12.52 0.05 0.00	13.58 0.23 0.08	11.98 0.12 0.22	13.91 0.12 0.00	13.74 0.00 0.00	13.60 0.02 0.00	13.57 -0.12 0.00	9.12 -0.18 0.00	11.92 -0.27 0.00	13.91 -0.37 0.00	13.93 -0.45 0.00	16.43 -0.62 0.00	17.26 -0.61 0.00	20.95 -0.88 -0.01	25.43 -1.01 0.00	23.18 -1.20 0.00	23.59 -1.20 0.00	25.66 -1.30 0.00	22.26 -1.06 0.00	16.95 -0.48 0.00

ONEIDA_HERK_LFGE 323681	16.79 0.12 0.00	15.80 0.21 0.00	13.81 0.22 0.00	13.63 0.18 0.00	12.62 0.16 0.00	13.62 0.20 0.00	12.28 0.21 0.00	14.03 0.24 0.00	13.97 0.23 0.00	13.81 0.23 0.00	13.92 0.23 0.00	9.48 0.17 0.00	12.40 0.21 0.00	14.51 0.24 0.00	14.58 0.20 0.00	17.26 0.21 0.00	18.16 0.28 0.00	22.29 0.46 0.00	27.13 0.70 0.00	25.05 0.67 0.00	25.45 0.66 0.00	27.60 0.64 0.00	23.80 0.48 0.00	17.77 0.33 0.00
ONEIDA___115KV_TB4 55905	16.98 0.30 0.00	15.89 0.31 0.00	13.88 0.28 0.00	13.71 0.26 0.00	12.70 0.24 0.00	13.70 0.27 0.00	12.33 0.26 0.00	14.08 0.30 0.00	14.02 0.28 0.00	13.89 0.30 0.00	14.01 0.32 0.00	9.51 0.21 0.00	12.46 0.27 0.00	14.57 0.30 0.00	14.66 0.28 0.00	17.35 0.30 0.00	18.29 0.41 0.00	22.44 0.62 0.00	27.24 0.81 0.00	25.16 0.77 0.00	25.56 0.77 0.00	27.69 0.73 0.00	23.87 0.55 0.00	17.84 0.40 0.00
ONONDAGA_REF_OCCRA 23987	16.78 0.10 0.00	15.67 0.09 0.00	13.67 0.07 0.00	13.50 0.05 0.00	12.51 0.05 0.00	13.50 0.08 0.00	12.14 0.07 0.00	13.87 0.08 0.00	13.82 0.08 0.00	13.68 0.10 0.00	13.78 0.09 0.00	9.34 0.04 0.00	12.23 0.04 0.00	14.31 0.03 0.00	14.39 0.01 0.00	17.05 0.01 0.00	17.95 0.07 0.00	21.94 0.12 0.00	26.61 0.18 0.00	24.56 0.18 0.00	24.98 0.18 0.00	27.09 0.13 0.00	23.38 0.05 0.00	17.50 0.07 0.00
ONONDAGA___COGEN 23986	16.83 0.15 0.00	15.73 0.14 0.00	13.72 0.12 0.00	13.54 0.09 0.00	12.56 0.10 0.00	13.55 0.13 0.00	12.18 0.11 0.00	13.92 0.13 0.00	13.87 0.14 0.00	13.73 0.15 0.00	13.82 0.13 0.00	9.37 0.07 0.00	12.28 0.09 0.00	14.36 0.09 0.00	14.43 0.06 0.00	17.11 0.06 0.00	18.00 0.13 0.00	22.01 0.18 0.00	26.73 0.29 0.00	24.66 0.28 0.00	25.07 0.28 0.00	27.19 0.23 0.00	23.47 0.14 0.00	17.56 0.13 0.00
ONTARIO___LFGE 23819	17.01 0.34 0.00	15.87 0.29 0.00	13.85 0.25 0.00	13.64 0.19 0.00	12.67 0.21 0.00	13.70 0.27 0.00	12.31 0.24 0.00	14.08 0.29 0.00	14.05 0.31 0.00	13.89 0.31 0.00	13.94 0.25 0.00	9.40 0.10 0.00	12.32 0.13 0.00	14.38 0.11 0.00	14.42 0.04 0.00	17.09 0.05 0.00	18.04 0.16 0.00	22.08 0.25 0.00	26.82 0.39 0.00	24.79 0.41 0.00	25.23 0.44 0.00	27.32 0.35 0.00	23.58 0.25 0.00	17.66 0.23 0.00
ORANGEVILLE_WT_PWR 323706	17.08 0.41 0.00	15.81 0.31 0.08	13.85 0.30 0.05	13.62 0.18 0.00	12.67 0.21 0.00	13.74 0.35 0.03	12.24 0.25 0.09	14.08 0.30 0.00	13.99 0.25 0.00	13.84 0.26 0.00	13.82 0.13 0.00	9.27 -0.03 0.00	12.15 -0.04 0.00	14.18 -0.09 0.00	14.21 -0.16 0.00	16.82 -0.23 0.00	17.69 -0.19 0.00	21.53 -0.30 -0.01	26.14 -0.29 0.00	24.01 -0.37 0.00	24.50 -0.29 0.00	26.63 -0.33 0.00	23.03 -0.29 0.00	17.41 -0.03 0.00
ORANGEVILLE___ESR 323794	17.08 0.41 0.00	15.81 0.31 0.08	13.85 0.30 0.05	13.62 0.18 0.00	12.67 0.21 0.00	13.74 0.35 0.03	12.24 0.25 0.09	14.08 0.30 0.00	13.99 0.25 0.00	13.84 0.26 0.00	13.82 0.13 0.00	9.27 -0.03 0.00	12.15 -0.04 0.00	14.18 -0.09 0.00	14.21 -0.16 0.00	16.82 -0.23 0.00	17.69 -0.19 0.00	21.53 -0.30 -0.01	26.14 -0.29 0.00	24.01 -0.37 0.00	24.50 -0.29 0.00	26.63 -0.33 0.00	23.03 -0.29 0.00	17.41 -0.03 0.00
OSWEGATCHIE___HYD 24044	16.38 -0.30 0.00	15.43 -0.15 0.00	13.51 -0.09 0.00	13.33 -0.11 0.00	12.33 -0.14 0.00	13.32 -0.11 0.00	12.04 -0.03 0.00	13.77 -0.02 0.00	13.71 -0.03 0.00	13.53 -0.05 0.00	13.60 -0.09 0.00	9.29 -0.01 0.00	12.16 -0.03 0.00	14.23 -0.04 0.00	14.28 -0.09 0.00	16.88 -0.18 0.00	17.71 -0.17 0.00	21.65 -0.17 0.00	26.48 0.05 0.00	24.48 0.10 0.00	24.87 0.08 0.00	27.07 0.11 0.00	23.41 0.09 0.00	17.47 0.04 0.00
OSWEGO___5 23606	16.46 -0.21 0.00	15.37 -0.21 0.00	13.42 -0.18 0.00	13.25 -0.20 0.00	12.29 -0.18 0.00	13.25 -0.17 0.00	11.91 -0.16 0.00	13.61 -0.18 0.00	13.56 -0.18 0.00	13.41 -0.18 0.00	13.50 -0.19 0.00	9.15 -0.15 0.00	11.99 -0.20 0.00	14.03 -0.25 0.00	14.11 -0.27 0.00	16.72 -0.33 0.00	17.57 -0.31 0.00	21.45 -0.37 0.00	26.00 -0.43 0.00	23.99 -0.39 0.00	24.40 -0.39 0.00	26.49 -0.47 0.00	22.90 -0.43 0.00	17.16 -0.28 0.00
OSWEGO___6 23613	16.46 -0.21 0.00	15.37 -0.21 0.00	13.42 -0.18 0.00	13.25 -0.20 0.00	12.29 -0.18 0.00	13.25 -0.17 0.00	11.91 -0.16 0.00	13.61 -0.18 0.00	13.56 -0.18 0.00	13.41 -0.18 0.00	13.50 -0.19 0.00	9.15 -0.15 0.00	11.99 -0.20 0.00	14.03 -0.25 0.00	14.11 -0.27 0.00	16.72 -0.33 0.00	17.57 -0.31 0.00	21.45 -0.37 0.00	26.00 -0.43 0.00	23.99 -0.39 0.00	24.40 -0.39 0.00	26.49 -0.47 0.00	22.90 -0.43 0.00	17.16 -0.28 0.00
OUTOKUMPU-AB___DRP 24206	17.25 0.57 0.00	16.02 0.44 0.00	14.03 0.43 0.00	13.70 0.25 0.00	12.74 0.27 0.00	13.89 0.46 0.00	12.41 0.33 0.00	14.17 0.38 0.00	14.00 0.27 0.00	13.86 0.28 0.00	13.82 0.13 0.00	9.30 0.00 0.00	12.17 -0.02 0.00	14.20 -0.08 0.00	14.22 -0.16 0.00	16.79 -0.26 0.00	17.66 -0.22 0.00	21.46 -0.36 -0.01	26.06 -0.37 0.00	23.82 -0.56 0.00	24.29 -0.50 0.00	26.39 -0.57 0.00	22.86 -0.46 0.00	17.36 -0.07 0.00
OXBOW___ 24026	17.13 0.46 0.00	15.71 0.34 0.21	13.81 0.34 0.13	13.62 0.17 0.00	12.66 0.20 0.00	13.73 0.39 0.08	12.12 0.27 0.22	14.08 0.29 0.00	13.91 0.17 0.00	13.77 0.19 0.00	13.74 0.05 0.00	9.24 -0.06 0.00	12.08 -0.11 0.00	14.09 -0.18 0.00	14.12 -0.26 0.00	16.66 -0.39 0.00	17.51 -0.36 0.00	21.27 -0.55 -0.01	25.83 -0.61 0.00	23.58 -0.81 0.00	24.02 -0.77 0.00	26.11 -0.85 0.00	22.63 -0.69 0.00	17.21 -0.23 0.00
OXY_CHEM_DSASP 323612	16.93 0.25 0.00	15.73 0.15 0.00	13.79 0.19 0.00	13.46 0.01 0.00	12.52 0.05 0.00	13.66 0.23 0.00	12.20 0.12 0.00	13.91 0.12 0.00	13.74 0.00 0.00	13.60 0.02 0.00	13.57 -0.12 0.00	9.12 -0.18 0.00	11.92 -0.26 0.00	13.91 -0.37 0.00	13.93 -0.45 0.00	16.43 -0.62 0.00	17.26 -0.62 0.00	20.95 -0.88 -0.01	25.43 -1.00 0.00	23.18 -1.20 0.00	23.60 -1.20 0.00	25.66 -1.31 0.00	22.26 -1.06 0.00	16.95 -0.49 0.00
OZONE_PARK_ESR 323760	17.53 0.86 0.00	16.31 0.73 0.00	14.24 0.64 0.00	14.11 0.66 0.00	13.05 0.59 0.00	14.00 0.57 0.00	12.57 0.50 0.00	14.36 0.57 0.00	14.40 0.66 0.00	14.27 0.69 0.00	14.48 0.78 0.00	14.45 0.56 -4.59	12.95 0.76 0.00	15.15 0.88 0.00	15.30 0.93 0.00	18.29 1.13 -0.10	19.07 1.19 0.00	23.37 1.48 -0.08	28.07 1.64 0.00	25.88 1.50 0.00	26.33 1.53 0.00	28.56 1.60 0.00	24.62 1.29 0.00	18.27 0.84 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	16.93 0.25 0.00	15.73 0.15 0.00	13.79 0.19 0.00	13.46 0.01 0.00	12.52 0.05 0.00	13.66 0.23 0.00	12.20 0.12 0.00	13.91 0.12 0.00	13.74 0.00 0.00	13.60 0.02 0.00	13.57 -0.12 0.00	9.12 -0.18 0.00	11.92 -0.26 0.00	13.91 -0.37 0.00	13.93 -0.45 0.00	16.43 -0.62 0.00	17.26 -0.62 0.00	20.95 -0.88 -0.01	25.43 -1.00 0.00	23.18 -1.20 0.00	23.60 -1.20 0.00	25.66 -1.31 0.00	22.26 -1.06 0.00	16.95 -0.49 0.00

PACKARD__115KV_DUPONT_184 80571	16.93 0.25 0.00	15.73 0.15 0.00	13.79 0.19 0.00	13.46 0.01 0.00	12.52 0.05 0.00	13.66 0.23 0.00	12.20 0.12 0.00	13.91 0.12 0.00	13.74 0.00 0.00	13.60 0.02 0.00	13.57 -0.12 0.00	9.12 -0.18 0.00	11.92 -0.26 0.00	13.91 -0.37 0.00	13.93 -0.45 0.00	16.43 -0.62 0.00	17.26 -0.62 0.00	20.95 -0.88 -0.01	25.43 -1.00 0.00	23.18 -1.20 0.00	23.60 -1.20 0.00	25.66 -1.31 0.00	22.26 -1.06 0.00	16.95 -0.49 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	17.36 0.68 0.00	16.19 0.60 0.00	14.11 0.51 0.00	13.99 0.54 0.00	12.94 0.47 0.00	13.88 0.45 0.00	12.47 0.40 0.00	14.24 0.46 0.00	14.27 0.53 0.00	14.13 0.55 0.00	14.31 0.62 0.00	14.34 0.46 -4.59	12.79 0.60 0.00	14.97 0.70 0.00	15.12 0.75 0.00	18.09 0.93 -0.10	18.85 0.97 0.00	23.09 1.20 -0.08	27.77 1.34 0.00	25.60 1.22 0.00	26.04 1.25 0.00	28.24 1.28 0.00	24.35 1.03 0.00	18.05 0.62 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	17.42 0.75 0.00	16.26 0.67 0.00	14.17 0.57 0.00	14.04 0.60 0.00	12.99 0.53 0.00	13.91 0.48 0.00	12.50 0.43 0.00	14.27 0.48 0.00	14.30 0.56 0.00	14.16 0.58 0.00	14.33 0.64 0.00	14.36 0.47 -4.59	12.81 0.62 0.00	15.00 0.72 0.00	15.17 0.79 0.00	18.15 0.99 -0.10	18.91 1.04 0.00	23.17 1.27 -0.08	27.86 1.42 0.00	25.68 1.30 0.00	26.13 1.34 0.00	28.35 1.39 0.00	24.45 1.13 0.00	18.14 0.70 0.00
PATROON__115KV_TB1 80586	16.88 0.20 0.00	15.82 0.24 0.00	13.77 0.17 0.00	13.65 0.20 0.00	12.67 0.21 0.00	13.59 0.16 0.00	12.23 0.16 0.00	13.88 0.09 0.00	13.82 0.08 0.00	13.64 0.06 0.00	13.80 0.11 0.00	10.89 0.12 -1.47	12.32 0.13 0.00	14.40 0.13 0.00	14.57 0.19 0.00	17.20 0.28 0.14	18.28 0.40 0.00	22.54 0.62 -0.10	27.16 0.72 0.00	24.98 0.60 0.00	25.36 0.57 0.00	27.45 0.49 0.00	23.62 0.29 0.00	17.58 0.14 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.14 0.46 0.00	15.95 0.36 0.00	13.94 0.35 0.00	13.64 0.19 0.00	12.68 0.21 0.00	13.79 0.36 0.00	12.33 0.26 0.00	14.09 0.30 0.00	13.99 0.25 0.00	13.84 0.26 0.00	13.81 0.12 0.00	9.27 -0.03 0.00	12.13 -0.05 0.00	14.18 -0.09 0.00	14.21 -0.17 0.00	16.80 -0.25 0.00	17.66 -0.21 0.00	21.46 -0.36 -0.01	26.06 -0.37 0.00	23.88 -0.50 0.00	24.41 -0.38 0.00	26.55 -0.41 0.00	22.98 -0.34 0.00	17.39 -0.04 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	17.42 0.74 0.00	16.23 0.64 0.00	14.14 0.55 0.00	14.02 0.57 0.00	12.97 0.51 0.00	13.93 0.50 0.00	12.51 0.44 0.00	14.29 0.50 0.00	14.29 0.55 0.00	14.15 0.57 0.00	14.33 0.64 0.00	11.70 0.46 -1.94	12.79 0.60 0.00	14.99 0.71 0.00	15.14 0.76 0.00	18.10 0.96 -0.09	18.93 1.05 0.00	23.26 1.36 -0.08	28.00 1.56 0.00	25.79 1.40 0.00	26.20 1.41 0.00	28.37 1.41 0.00	24.40 1.08 0.00	18.12 0.69 0.00
PEEKSKILL____ 23653	17.26 0.59 0.00	16.08 0.49 0.00	14.02 0.42 0.00	13.90 0.45 0.00	12.86 0.40 0.00	13.80 0.38 0.00	12.39 0.32 0.00	14.15 0.36 0.00	14.17 0.42 0.00	14.03 0.44 0.00	14.21 0.52 0.00	14.98 0.38 -5.30	12.69 0.50 0.00	14.86 0.59 0.00	15.01 0.64 0.00	17.95 0.80 -0.10	18.73 0.86 0.00	22.99 1.10 -0.07	27.63 1.20 0.00	25.46 1.08 0.00	25.88 1.09 0.00	28.04 1.08 0.00	24.16 0.84 0.00	17.95 0.51 0.00
PGE MADISON__WINDPWR 24146	17.71 1.03 0.00	16.58 0.95 -0.05	14.44 0.81 -0.03	14.18 0.73 0.00	13.17 0.70 0.00	14.26 0.82 -0.02	12.92 0.79 -0.05	14.74 0.95 0.00	14.68 0.95 0.00	14.62 1.04 0.00	14.77 1.07 0.00	9.97 0.67 0.00	13.02 0.83 0.00	15.24 0.96 0.00	15.29 0.91 0.00	18.15 1.11 0.00	19.21 1.33 0.00	23.64 1.81 -0.01	28.71 2.28 0.00	26.60 2.21 0.00	26.95 2.16 0.00	29.09 2.13 0.00	25.00 1.68 0.00	18.62 1.19 0.00
PIERCEFIELD__HYD 23852	16.24 -0.43 0.00	15.19 -0.40 0.00	13.28 -0.32 0.00	13.14 -0.31 0.00	12.16 -0.30 0.00	13.12 -0.30 0.00	11.86 -0.21 0.00	13.59 -0.19 0.00	13.53 -0.21 0.00	13.37 -0.22 0.00	13.45 -0.24 0.00	9.16 -0.14 0.00	12.01 -0.18 0.00	14.10 -0.18 0.00	14.18 -0.20 0.00	16.72 -0.33 0.00	17.47 -0.41 0.00	21.27 -0.55 0.00	25.91 -0.52 0.00	23.96 -0.42 0.00	24.35 -0.44 0.00	26.57 -0.39 0.00	23.05 -0.27 0.00	17.24 -0.20 0.00
PINELAWN_CC_1 323563	20.05 1.17 -2.20	16.61 1.02 0.00	14.43 0.83 0.00	14.32 0.87 0.00	13.24 0.78 0.00	14.22 0.79 0.00	12.76 0.69 0.00	14.62 0.83 0.00	14.58 0.84 0.00	14.40 0.82 0.00	14.55 0.86 0.00	14.48 0.61 -4.56	13.01 0.82 0.00	15.26 0.97 -0.01	21.41 0.99 -6.04	38.67 1.25 -20.37	28.70 1.35 -9.48	24.38 1.77 -0.80	28.43 2.00 0.00	33.88 1.88 -7.62	35.24 1.83 -8.62	38.07 1.96 -9.15	36.65 1.57 -11.76	24.35 1.13 -5.78
PJM_GEN_HTP_PROXY 323702	17.36 0.69 0.00	16.16 0.57 0.00	14.10 0.51 0.00	13.99 0.55 0.00	12.94 0.48 0.00	13.88 0.45 0.00	12.47 0.39 0.00	14.24 0.45 0.00	14.27 0.54 0.00	14.14 0.56 0.00	14.34 0.65 0.00	14.36 0.47 -4.59	12.82 0.63 0.00	15.00 0.72 0.00	15.14 0.77 0.00	18.11 0.95 -0.10	18.87 0.99 0.00	23.13 1.23 -0.08	27.77 1.34 0.00	25.60 1.22 0.00	26.03 1.24 0.00	29.04 1.26 -0.81	24.34 1.01 0.00	18.07 0.64 0.00
PJM_GEN_KEystone 24065	17.00 0.32 0.00	15.59 0.25 0.24	13.68 0.24 0.15	13.66 0.21 0.00	12.67 0.20 0.00	13.55 0.22 0.09	11.97 0.15 0.26	13.98 0.19 0.00	13.98 0.24 0.00	13.83 0.25 0.00	13.91 0.22 0.00	3.28 0.10 6.12	12.31 0.12 0.00	14.42 0.15 0.00	14.51 0.14 0.00	17.28 0.17 -0.06	18.07 0.19 0.00	22.08 0.22 -0.04	26.64 0.20 0.00	24.51 0.13 0.00	24.96 0.17 0.00	27.92 0.17 -0.79	23.44 0.11 0.00	17.53 0.09 0.00
PJM_GEN_NEPTUNE_PROXY 323594	18.07 0.93 -0.46	16.38 0.80 0.00	14.25 0.65 0.00	14.14 0.69 0.00	13.08 0.62 0.00	14.04 0.62 0.00	12.60 0.53 0.00	14.43 0.64 0.00	14.41 0.67 0.00	14.24 0.66 0.00	14.41 0.71 0.00	14.39 0.52 -4.56	12.89 0.70 0.00	15.10 0.82 0.00	19.88 0.85 -4.66	31.17 1.03 -13.10	26.16 1.11 -7.18	23.42 1.45 -0.15	28.02 1.59 0.00	30.02 1.50 -4.13	28.95 1.46 -2.71	34.55 1.53 -6.06	32.50 1.21 -7.96	18.84 0.86 -0.55
PJM_GEN_VFT_PROXY 323633	17.25 0.58 0.00	16.07 0.48 0.00	14.04 0.44 0.00	13.92 0.47 0.00	12.87 0.41 0.00	13.81 0.38 0.00	12.40 0.32 0.00	14.16 0.37 0.00	14.19 0.45 0.00	14.07 0.48 0.00	14.26 0.57 0.00	12.72 0.42 -3.00	12.75 0.56 0.00	14.92 0.64 0.00	15.05 0.68 0.01	18.00 0.84 -0.10	18.76 0.88 0.00	23.00 1.11 -0.08	27.62 1.18 0.00	25.46 1.08 0.00	25.90 1.10 0.00	28.57 1.11 -0.50	24.22 0.89 0.00	17.97 0.53 0.00
PLATSBRG_115KV_PMLD1 355749	16.68 0.01 0.00	15.61 0.03 0.00	13.71 0.11 0.00	13.58 0.13 0.00	12.57 0.11 0.00	13.58 0.15 0.00	12.24 0.16 0.00	14.08 0.29 0.00	14.03 0.29 0.00	14.01 0.43 0.00	14.13 0.43 0.00	9.61 0.30 0.00	12.67 0.48 0.00	14.87 0.60 0.00	15.07 0.70 0.00	17.84 0.79 0.00	18.64 0.77 0.00	22.62 0.80 0.00	27.39 0.95 0.00	25.35 0.96 0.00	25.82 1.03 0.00	27.99 1.03 0.00	24.21 0.89 0.00	18.10 0.67 0.00

PLEASANTVLY___LBMP 24000	17.21 0.53 0.00	16.05 0.46 0.00	13.99 0.39 0.00	13.87 0.42 0.00	12.83 0.37 0.00	13.77 0.35 0.00	12.37 0.30 0.00	14.12 0.33 0.00	14.10 0.36 0.00	13.96 0.37 0.00	14.14 0.45 0.00	12.00 0.33 -2.37	12.61 0.43 0.00	14.76 0.49 0.00	14.91 0.53 0.00	17.84 0.67 -0.12	18.62 0.75 0.00	22.89 0.99 -0.08	27.54 1.11 0.00	25.37 0.98 0.00	25.78 0.99 0.00	27.93 0.96 0.00	24.05 0.72 0.00	17.88 0.44 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	17.33 0.65 0.00	16.14 0.56 0.00	14.07 0.47 0.00	13.95 0.50 0.00	12.91 0.45 0.00	13.86 0.43 0.00	12.45 0.37 0.00	14.22 0.43 0.00	14.22 0.48 0.00	14.08 0.49 0.00	14.26 0.57 0.00	13.41 0.42 -3.69	12.74 0.55 0.00	14.91 0.64 0.00	15.06 0.68 0.00	18.01 0.86 -0.11	18.80 0.92 0.00	23.08 1.19 -0.08	27.76 1.32 0.00	25.56 1.18 0.00	25.98 1.19 0.00	28.16 1.20 0.00	24.26 0.94 0.00	18.02 0.58 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	17.33 0.65 0.00	16.14 0.56 0.00	14.07 0.47 0.00	13.95 0.50 0.00	12.91 0.45 0.00	13.86 0.43 0.00	12.45 0.37 0.00	14.22 0.43 0.00	14.22 0.48 0.00	14.08 0.49 0.00	14.26 0.57 0.00	13.41 0.42 -3.69	12.74 0.55 0.00	14.91 0.64 0.00	15.06 0.68 0.00	18.01 0.86 -0.11	18.80 0.92 0.00	23.08 1.19 -0.08	27.76 1.32 0.00	25.56 1.18 0.00	25.98 1.19 0.00	28.16 1.20 0.00	24.26 0.94 0.00	18.02 0.58 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	17.34 0.66 0.00	16.16 0.57 0.00	14.08 0.48 0.00	13.95 0.51 0.00	12.91 0.45 0.00	13.87 0.44 0.00	12.45 0.38 0.00	14.22 0.43 0.00	14.19 0.46 0.00	14.04 0.47 0.00	14.22 0.53 0.00	11.05 0.38 -1.37	12.69 0.50 0.00	14.86 0.58 0.00	15.02 0.65 0.00	17.83 0.82 0.04	18.78 0.91 0.00	23.10 1.21 -0.08	27.81 1.38 0.00	25.61 1.23 0.00	26.03 1.24 0.00	28.18 1.21 0.00	24.24 0.91 0.00	18.01 0.57 0.00
POLETTI____ 23519	17.34 0.67 0.00	16.14 0.56 0.00	14.10 0.50 0.00	13.98 0.54 0.00	12.94 0.48 0.00	13.88 0.45 0.00	12.47 0.39 0.00	14.23 0.44 0.00	14.26 0.52 0.00	14.13 0.54 0.00	14.33 0.64 0.00	14.36 0.47 -4.59	12.82 0.63 0.00	14.99 0.71 0.00	15.14 0.76 0.00	18.09 0.94 -0.10	18.86 0.98 0.00	23.11 1.22 -0.08	27.75 1.31 0.00	25.57 1.19 0.00	26.01 1.21 0.00	28.20 1.24 0.00	24.32 1.00 0.00	18.06 0.62 0.00
POMONA___ESR 323819	17.26 0.58 0.00	16.07 0.48 0.00	14.02 0.42 0.00	13.90 0.45 0.00	12.86 0.39 0.00	13.80 0.37 0.00	12.38 0.30 0.00	14.15 0.36 0.00	14.16 0.42 0.00	14.03 0.44 0.00	14.21 0.52 0.00	4.27 0.38 5.42	12.70 0.51 0.00	14.88 0.60 0.00	15.03 0.65 0.00	17.96 0.82 -0.10	18.75 0.87 0.00	22.99 1.10 -0.07	27.65 1.21 0.00	25.46 1.08 0.00	25.88 1.08 0.00	28.04 1.08 0.00	24.16 0.84 0.00	17.94 0.50 0.00
PORT_JEFF_3 23555	19.14 1.30 -1.17	16.73 1.14 0.00	14.53 0.94 0.00	14.43 0.98 0.00	13.34 0.88 0.00	14.33 0.90 0.00	12.86 0.79 0.00	14.74 0.96 0.00	14.71 0.97 0.00	14.51 0.93 0.00	14.66 0.97 0.00	14.56 0.69 -4.56	13.12 0.93 0.00	15.35 1.07 -0.01	20.66 1.07 -5.21	34.37 1.35 -15.96	27.47 1.49 -8.09	24.16 1.94 -0.40	28.60 2.17 0.00	31.93 2.05 -5.50	31.80 1.99 -5.02	35.90 2.15 -6.78	34.53 1.72 -9.49	21.35 1.24 -2.67
PORT_JEFF_4 23616	19.14 1.30 -1.17	16.73 1.14 0.00	14.53 0.94 0.00	14.43 0.98 0.00	13.34 0.88 0.00	14.33 0.90 0.00	12.86 0.79 0.00	14.74 0.96 0.00	14.71 0.97 0.00	14.51 0.93 0.00	14.66 0.97 0.00	14.56 0.69 -4.56	13.12 0.93 0.00	15.35 1.07 -0.01	20.66 1.07 -5.21	34.37 1.35 -15.96	27.47 1.49 -8.09	24.16 1.94 -0.40	28.60 2.17 0.00	31.93 2.05 -5.50	31.80 1.99 -5.02	35.90 2.15 -6.78	34.53 1.72 -9.49	21.35 1.24 -2.67
PORT_JEFF_IC 23713	19.19 1.31 -1.20	16.74 1.16 0.00	14.54 0.94 0.00	14.44 0.99 0.00	13.35 0.89 0.00	14.34 0.92 0.00	12.87 0.80 0.00	14.75 0.97 0.00	14.72 0.98 0.00	14.52 0.94 0.00	14.67 0.98 0.00	14.56 0.70 -4.56	13.13 0.94 0.00	15.37 1.09 -0.01	20.71 1.10 -5.24	34.53 1.38 -16.10	27.55 1.54 -8.14	24.22 1.99 -0.41	28.67 2.24 0.00	32.05 2.11 -5.57	31.96 2.04 -5.13	36.02 2.20 -6.85	34.64 1.75 -9.56	21.47 1.26 -2.77
PPL PILGRIM_ST_GT1 24216	19.32 1.31 -1.34	16.73 1.15 0.00	14.54 0.94 0.00	14.44 0.99 0.00	13.35 0.89 0.00	14.33 0.91 0.00	12.87 0.80 0.00	14.75 0.96 0.00	14.71 0.97 0.00	14.51 0.93 0.00	14.67 0.98 0.00	14.56 0.70 -4.56	13.12 0.94 0.00	15.37 1.09 -0.01	20.83 1.11 -5.35	35.11 1.40 -16.66	27.66 1.47 -8.32	24.15 1.87 -0.47	28.54 2.10 0.00	32.20 1.98 -5.84	32.32 1.94 -5.59	36.29 2.17 -7.16	34.95 1.75 -9.87	21.90 1.28 -3.19
PPL PILGRIM_ST_GT2 24217	19.32 1.31 -1.34	16.73 1.15 0.00	14.54 0.94 0.00	14.44 0.99 0.00	13.35 0.89 0.00	14.33 0.91 0.00	12.87 0.80 0.00	14.75 0.96 0.00	14.71 0.97 0.00	14.51 0.93 0.00	14.67 0.98 0.00	14.56 0.70 -4.56	13.12 0.94 0.00	15.37 1.09 -0.01	20.83 1.11 -5.35	35.11 1.40 -16.66	27.66 1.47 -8.32	24.15 1.87 -0.47	28.54 2.10 0.00	32.20 1.98 -5.84	32.32 1.94 -5.59	36.29 2.17 -7.16	34.95 1.75 -9.87	21.90 1.28 -3.19
PPL_SHRM_GT3 24213	19.28 1.42 -1.18	16.84 1.26 0.00	14.63 1.03 0.00	14.52 1.07 0.00	13.43 0.97 0.00	14.42 1.00 0.00	12.95 0.87 0.00	14.84 1.05 0.00	14.80 1.06 0.00	14.60 1.02 0.00	14.74 1.05 0.00	14.60 0.74 -4.56	13.19 1.00 0.00	15.44 1.16 -0.01	20.75 1.15 -5.23	34.54 1.46 -16.03	27.65 1.66 -8.11	24.39 2.15 -0.41	28.88 2.44 0.00	32.22 2.31 -5.53	32.11 2.24 -5.07	36.19 2.42 -6.82	34.76 1.91 -9.53	21.53 1.38 -2.72
PPL_SHRM_GT4 24214	19.28 1.42 -1.18	16.84 1.26 0.00	14.63 1.03 0.00	14.52 1.07 0.00	13.43 0.97 0.00	14.42 1.00 0.00	12.95 0.87 0.00	14.84 1.05 0.00	14.80 1.06 0.00	14.60 1.02 0.00	14.74 1.05 0.00	14.60 0.74 -4.56	13.19 1.00 0.00	15.44 1.16 -0.01	20.75 1.15 -5.23	34.54 1.46 -16.03	27.65 1.66 -8.11	24.39 2.15 -0.41	28.88 2.44 0.00	32.22 2.31 -5.53	32.11 2.24 -5.07	36.19 2.42 -6.82	34.76 1.91 -9.53	21.53 1.38 -2.72
PROJECT___ORANGE 1 24174	16.70 0.03 0.00	15.59 0.01 0.00	13.61 0.01 0.00	13.44 -0.01 0.00	12.46 0.00 0.00	13.44 0.02 0.00	12.08 0.01 0.00	13.80 0.01 0.00	13.75 0.01 0.00	13.61 0.03 0.00	13.70 0.01 0.00	9.29 -0.01 0.00	12.17 -0.02 0.00	14.23 -0.04 0.00	14.31 -0.07 0.00	16.96 -0.09 0.00	17.85 -0.03 0.00	21.80 -0.02 0.00	26.44 0.01 0.00	24.39 0.01 0.00	24.80 0.01 0.00	26.91 -0.05 0.00	23.23 -0.09 0.00	17.40 -0.03 0.00
PROJECT___ORANGE 2 24166	16.70 0.03 0.00	15.59 0.01 0.00	13.61 0.01 0.00	13.44 -0.01 0.00	12.46 0.00 0.00	13.44 0.02 0.00	12.08 0.01 0.00	13.80 0.01 0.00	13.75 0.01 0.00	13.61 0.03 0.00	13.70 0.01 0.00	9.29 -0.01 0.00	12.17 -0.02 0.00	14.23 -0.04 0.00	14.31 -0.07 0.00	16.96 -0.09 0.00	17.85 -0.03 0.00	21.80 -0.02 0.00	26.44 0.01 0.00	24.39 0.01 0.00	24.80 0.01 0.00	26.91 -0.05 0.00	23.23 -0.09 0.00	17.40 -0.03 0.00

PUCKETT___SOLAR 323809	17.03	15.96	13.91	13.70	12.72	13.72	12.38	14.09	14.07	13.94	14.01	9.47	12.40	14.52	14.58	17.34	18.26	22.35	27.09	25.09	25.51	27.67	23.83	17.81
	0.36	0.33	0.28	0.25	0.25	0.28	0.25	0.30	0.33	0.36	0.32	0.16	0.21	0.25	0.21	0.29	0.39	0.52	0.66	0.70	0.72	0.71	0.51	0.37
	0.00	-0.05	-0.03	0.00	0.00	-0.02	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
PYRITES___HYD 24023	16.57	15.47	13.52	13.38	12.39	13.37	12.09	13.85	13.77	13.58	13.66	9.30	12.20	14.32	14.39	16.98	17.75	21.62	26.44	24.47	24.87	27.12	23.53	17.58
	-0.10	-0.11	-0.08	-0.07	-0.07	-0.06	0.02	0.07	0.03	0.00	-0.03	0.00	0.01	0.04	0.02	-0.07	-0.13	-0.20	0.00	0.08	0.08	0.16	0.20	0.15
	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
QUAKERRD_115KV_BK1 80622	16.55	15.41	13.46	13.23	12.29	13.32	11.95	13.64	13.56	13.42	13.46	9.08	11.90	13.90	13.96	16.53	17.41	21.21	25.76	23.67	24.11	26.17	22.62	17.03
	-0.12	-0.18	-0.13	-0.22	-0.18	-0.10	-0.12	-0.15	-0.18	-0.17	-0.24	-0.21	-0.29	-0.38	-0.42	-0.52	-0.46	-0.61	-0.67	-0.71	-0.68	-0.79	-0.71	-0.41
	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
QUENSBRY_115KV_TB8 356137	17.64	16.50	14.33	14.20	13.14	14.15	12.76	14.57	14.47	14.22	14.33	11.18	12.78	14.92	15.11	17.86	19.04	23.44	28.26	26.06	26.66	28.77	24.73	18.35
	0.97	0.91	0.73	0.75	0.68	0.73	0.68	0.78	0.73	0.64	0.63	0.45	0.59	0.65	0.73	0.96	1.16	1.52	1.82	1.68	1.87	1.81	1.41	0.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.43	0.00	0.00	0.00	0.14	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
RAMAPO___LBMP 323565	17.19	16.01	13.96	13.85	12.81	13.75	12.34	14.09	14.11	13.97	14.16	4.46	12.64	14.81	14.96	17.88	18.65	22.88	27.52	25.35	25.77	27.92	24.06	17.87
	0.52	0.43	0.36	0.40	0.35	0.32	0.26	0.30	0.37	0.39	0.47	0.34	0.45	0.53	0.58	0.73	0.78	0.99	1.09	0.97	0.97	0.96	0.73	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.19	0.00	0.00	0.00	-0.09	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00
RANKINE____ 23646	17.19	15.98	13.98	13.67	12.71	13.84	12.37	14.13	14.01	13.86	13.83	9.29	12.16	14.20	14.23	16.81	17.67	21.48	26.08	23.88	24.40	26.53	22.97	17.40
	0.51	0.40	0.38	0.22	0.25	0.41	0.30	0.34	0.27	0.28	0.14	-0.01	-0.03	-0.07	-0.15	-0.24	-0.20	-0.35	-0.36	-0.50	-0.39	-0.43	-0.36	-0.04
	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	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_1 24244	17.36	16.16	14.10	13.99	12.94	13.88	12.47	14.24	14.27	14.13	14.33	14.35	12.81	15.00	15.14	18.10	18.87	23.13	27.77	25.60	26.03	28.24	24.35	18.08
	0.69	0.58	0.51	0.54	0.48	0.46	0.39	0.45	0.53	0.55	0.64	0.47	0.62	0.72	0.77	0.95	0.99	1.24	1.34	1.21	1.23	1.28	1.03	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.59	0.00	0.00	0.00	-0.10	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_2 24245	17.36	16.16	14.10	13.99	12.94	13.88	12.47	14.24	14.27	14.13	14.33	14.35	12.81	15.00	15.14	18.10	18.87	23.13	27.77	25.60	26.03	28.24	24.35	18.08
	0.69	0.58	0.51	0.54	0.48	0.46	0.39	0.45	0.53	0.55	0.64	0.47	0.62	0.72	0.77	0.95	0.99	1.24	1.34	1.21	1.23	1.28	1.03	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.59	0.00	0.00	0.00	-0.10	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_3 24246	17.37	16.17	14.11	13.99	12.94	13.89	12.47	14.24	14.27	14.14	14.34	14.36	12.82	15.00	15.15	18.11	18.88	23.15	27.79	25.60	26.04	28.25	24.36	18.09
	0.69	0.59	0.51	0.55	0.48	0.46	0.40	0.45	0.53	0.56	0.65	0.47	0.63	0.73	0.77	0.95	1.00	1.25	1.36	1.22	1.25	1.29	1.04	0.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.59	0.00	0.00	0.00	-0.10	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_4 24247	17.37	16.17	14.11	13.99	12.94	13.89	12.47	14.24	14.27	14.14	14.34	14.36	12.82	15.00	15.15	18.11	18.88	23.15	27.79	25.60	26.04	28.25	24.36	18.09
	0.69	0.59	0.51	0.55	0.48	0.46	0.40	0.45	0.53	0.56	0.65	0.47	0.63	0.73	0.77	0.95	1.00	1.25	1.36	1.22	1.25	1.29	1.04	0.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.59	0.00	0.00	0.00	-0.10	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_1 24248	17.36	16.16	14.11	13.99	12.94	13.88	12.47	14.24	14.27	14.13	14.33	14.35	12.81	15.00	15.14	18.10	18.87	23.13	27.77	25.60	26.03	28.24	24.35	18.08
	0.69	0.58	0.51	0.54	0.48	0.46	0.39	0.45	0.53	0.55	0.64	0.47	0.62	0.72	0.77	0.95	0.99	1.24	1.34	1.21	1.24	1.28	1.03	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.59	0.00	0.00	0.00	-0.10	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_2 24249	17.36	16.16	14.11	13.99	12.94	13.88	12.47	14.24	14.27	14.13	14.33	14.35	12.81	15.00	15.14	18.10	18.87	23.13	27.77	25.60	26.03	28.24	24.35	18.08
	0.69	0.58	0.51	0.54	0.48	0.46	0.39	0.45	0.53	0.55	0.64	0.47	0.62	0.72	0.77	0.95	0.99	1.24	1.34	1.21	1.24	1.28	1.03	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.59	0.00	0.00	0.00	-0.10	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_3 24250	17.38	16.19	14.12	14.01	12.96	13.90	12.48	14.26	14.29	14.16	14.36	14.37	12.83	15.02	15.17	18.13	18.90	23.17	27.82	25.64	26.07	28.29	24.39	18.10
	0.71	0.60	0.52	0.56	0.49	0.48	0.41	0.47	0.55	0.57	0.67	0.48	0.65	0.75	0.79	0.98	1.02	1.28	1.39	1.26	1.28	1.33	1.07	0.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.59	0.00	0.00	0.00	-0.10	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_4 24251	17.38	16.19	14.12	14.01	12.96	13.90	12.48	14.26	14.29	14.16	14.36	14.37	12.83	15.02	15.17	18.13	18.90	23.17	27.82	25.64	26.07	28.29	24.39	18.10
	0.71	0.60	0.52	0.56	0.49	0.48	0.41	0.47	0.55	0.57	0.67	0.48	0.65	0.75	0.79	0.98	1.02	1.28	1.39	1.26	1.28	1.33	1.07	0.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.59	0.00	0.00	0.00	-0.10	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_1 23729	17.41	16.21	14.14	14.01	12.96	13.90	12.49	14.27	14.30	14.17	14.37	14.38	12.85	15.04	15.19	18.17	18.93	23.19	27.85	25.66	26.11	28.33	24.43	18.12
	0.74	0.63	0.54	0.57	0.50	0.48	0.42	0.48	0.56	0.59	0.67	0.50	0.66	0.77	0.82	1.01	1.05	1.29	1.41	1.28	1.32	1.37	1.11	0.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.59	0.00	0.00	0.00	-0.10	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00

RAVENSWOOD_GT_10 24258	17.36 0.68 0.00	16.16 0.58 0.00	14.10 0.51 0.00	13.99 0.54 0.00	12.94 0.48 0.00	13.88 0.46 0.00	12.47 0.39 0.00	14.24 0.45 0.00	14.26 0.53 0.00	14.13 0.55 0.00	14.33 0.64 0.00	14.35 0.47 -4.59	12.81 0.62 0.00	15.00 0.72 0.00	15.14 0.77 0.00	18.10 0.94 -0.10	18.87 0.99 0.00	23.13 1.24 -0.08	27.77 1.34 0.00	25.60 1.21 0.00	26.02 1.23 0.00	28.24 1.28 0.00	24.35 1.02 0.00	18.07 0.64 0.00
RAVENSWOOD_GT_11 24259	17.36 0.68 0.00	16.16 0.58 0.00	14.10 0.51 0.00	13.99 0.54 0.00	12.94 0.48 0.00	13.88 0.45 0.00	12.47 0.39 0.00	14.24 0.45 0.00	14.26 0.53 0.00	14.13 0.55 0.00	14.33 0.64 0.00	14.35 0.47 -4.59	12.81 0.62 0.00	14.99 0.72 0.00	15.14 0.76 0.00	18.10 0.94 -0.10	18.87 0.99 0.00	23.13 1.24 -0.08	27.77 1.34 0.00	25.60 1.21 0.00	26.03 1.23 0.00	28.24 1.28 0.00	24.35 1.02 0.00	18.07 0.64 0.00
RAVENSWOOD_GT_4 24252	17.36 0.68 0.00	16.16 0.57 0.00	14.10 0.50 0.00	13.98 0.53 0.00	12.94 0.47 0.00	13.88 0.45 0.00	12.46 0.39 0.00	14.23 0.44 0.00	14.26 0.52 0.00	14.12 0.54 0.00	14.33 0.64 0.00	14.35 0.46 -4.59	12.80 0.61 0.00	14.98 0.71 0.00	15.13 0.75 0.00	18.09 0.93 -0.10	18.86 0.98 0.00	23.12 1.23 -0.08	27.77 1.33 0.00	25.58 1.20 0.00	26.01 1.22 0.00	28.21 1.25 0.00	24.33 1.01 0.00	18.07 0.63 0.00
RAVENSWOOD_GT_5 24254	17.36 0.68 0.00	16.16 0.57 0.00	14.10 0.50 0.00	13.98 0.53 0.00	12.94 0.47 0.00	13.88 0.45 0.00	12.46 0.39 0.00	14.23 0.44 0.00	14.26 0.52 0.00	14.12 0.54 0.00	14.33 0.64 0.00	14.35 0.46 -4.59	12.80 0.61 0.00	14.98 0.71 0.00	15.13 0.75 0.00	18.09 0.93 -0.10	18.86 0.98 0.00	23.12 1.23 -0.08	27.77 1.33 0.00	25.58 1.20 0.00	26.01 1.22 0.00	28.21 1.25 0.00	24.33 1.01 0.00	18.07 0.63 0.00
RAVENSWOOD_GT_6 24253	17.36 0.68 0.00	16.16 0.57 0.00	14.10 0.50 0.00	13.98 0.53 0.00	12.94 0.47 0.00	13.88 0.45 0.00	12.46 0.39 0.00	14.23 0.44 0.00	14.26 0.52 0.00	14.12 0.54 0.00	14.33 0.64 0.00	14.35 0.46 -4.59	12.80 0.61 0.00	14.98 0.71 0.00	15.13 0.75 0.00	18.09 0.93 -0.10	18.86 0.98 0.00	23.12 1.23 -0.08	27.77 1.33 0.00	25.58 1.20 0.00	26.01 1.22 0.00	28.21 1.25 0.00	24.33 1.01 0.00	18.07 0.63 0.00
RAVENSWOOD_GT_7 24255	17.36 0.68 0.00	16.16 0.57 0.00	14.10 0.50 0.00	13.98 0.53 0.00	12.94 0.47 0.00	13.88 0.45 0.00	12.46 0.39 0.00	14.23 0.44 0.00	14.26 0.52 0.00	14.12 0.54 0.00	14.33 0.64 0.00	14.35 0.46 -4.59	12.80 0.61 0.00	14.98 0.71 0.00	15.13 0.75 0.00	18.09 0.93 -0.10	18.86 0.98 0.00	23.12 1.23 -0.08	27.77 1.33 0.00	25.58 1.20 0.00	26.01 1.22 0.00	28.21 1.25 0.00	24.33 1.01 0.00	18.07 0.63 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	17.36 0.68 0.00	16.16 0.58 0.00	14.10 0.51 0.00	13.99 0.54 0.00	12.94 0.48 0.00	13.88 0.46 0.00	12.47 0.39 0.00	14.24 0.45 0.00	14.26 0.53 0.00	14.13 0.55 0.00	14.33 0.64 0.00	14.35 0.47 -4.59	12.81 0.62 0.00	15.00 0.72 0.00	15.14 0.77 0.00	18.10 0.94 -0.10	18.87 0.99 0.00	23.13 1.24 -0.08	27.77 1.34 0.00	25.60 1.21 0.00	26.02 1.23 0.00	28.24 1.28 0.00	24.35 1.02 0.00	18.07 0.64 0.00
RAVENSWOOD_GT_9 24257	17.36 0.68 0.00	16.16 0.58 0.00	14.10 0.51 0.00	13.99 0.54 0.00	12.94 0.48 0.00	13.88 0.46 0.00	12.47 0.39 0.00	14.24 0.45 0.00	14.26 0.53 0.00	14.13 0.55 0.00	14.33 0.64 0.00	14.35 0.47 -4.59	12.81 0.62 0.00	15.00 0.72 0.00	15.14 0.77 0.00	18.10 0.94 -0.10	18.87 0.99 0.00	23.13 1.24 -0.08	27.77 1.34 0.00	25.60 1.21 0.00	26.02 1.23 0.00	28.24 1.28 0.00	24.35 1.02 0.00	18.07 0.64 0.00
RAVENSWOOD___1 23533	17.38 0.71 0.00	16.19 0.60 0.00	14.13 0.52 0.00	14.01 0.57 0.00	12.96 0.50 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.27 0.48 0.00	14.30 0.56 0.00	14.17 0.59 0.00	14.37 0.67 0.00	14.38 0.50 -4.59	12.85 0.66 0.00	15.04 0.77 0.00	15.19 0.82 0.00	18.17 1.01 -0.10	18.93 1.05 0.00	23.19 1.29 -0.08	27.85 1.41 0.00	25.66 1.28 0.00	26.11 1.32 0.00	28.33 1.37 0.00	24.43 1.11 0.00	18.12 0.69 0.00
RAVENSWOOD___2 23534	17.38 0.71 0.00	16.19 0.60 0.00	14.13 0.52 0.00	14.01 0.57 0.00	12.96 0.50 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.27 0.48 0.00	14.30 0.56 0.00	14.17 0.59 0.00	14.37 0.67 0.00	14.38 0.50 -4.59	12.85 0.66 0.00	15.04 0.77 0.00	15.19 0.82 0.00	18.17 1.01 -0.10	18.93 1.05 0.00	23.19 1.29 -0.08	27.85 1.41 0.00	25.66 1.28 0.00	26.11 1.32 0.00	28.33 1.37 0.00	24.43 1.11 0.00	18.12 0.69 0.00
RAVENSWOOD___3 23535	17.36 0.69 0.00	16.16 0.58 0.00	14.11 0.51 0.00	13.99 0.54 0.00	12.94 0.48 0.00	13.88 0.46 0.00	12.47 0.39 0.00	14.24 0.45 0.00	14.27 0.53 0.00	14.13 0.55 0.00	14.33 0.64 0.00	14.35 0.47 -4.59	12.81 0.62 0.00	14.99 0.72 0.00	15.14 0.77 0.00	18.11 0.95 -0.10	18.87 0.99 0.00	23.13 1.24 -0.08	27.77 1.34 0.00	25.60 1.21 0.00	26.03 1.24 0.00	28.24 1.28 0.00	24.35 1.03 0.00	18.08 0.64 0.00
RAVENSWOOD___4 23820	17.38 0.71 0.00	16.19 0.60 0.00	14.13 0.52 0.00	14.01 0.57 0.00	12.96 0.50 0.00	13.90 0.48 0.00	12.49 0.42 0.00	14.27 0.48 0.00	14.30 0.56 0.00	14.17 0.59 0.00	14.37 0.67 0.00	14.38 0.50 -4.59	12.85 0.66 0.00	15.04 0.77 0.00	15.19 0.82 0.00	18.17 1.01 -0.10	18.93 1.05 0.00	23.19 1.29 -0.08	27.85 1.41 0.00	25.66 1.28 0.00	26.11 1.32 0.00	28.33 1.37 0.00	24.43 1.11 0.00	18.12 0.69 0.00
RCPL_TRUST___DRP 24196	17.39 0.71 0.00	16.18 0.60 0.00	14.12 0.52 0.00	14.01 0.56 0.00	12.96 0.50 0.00	13.90 0.48 0.00	12.48 0.41 0.00	14.26 0.47 0.00	14.30 0.56 0.00	14.16 0.58 0.00	14.37 0.68 0.00	14.37 0.49 -4.59	12.84 0.65 0.00	15.03 0.75 0.00	15.17 0.79 0.00	18.14 0.98 -0.10	18.90 1.02 0.00	23.17 1.27 -0.08	27.82 1.39 0.00	25.64 1.26 0.00	26.07 1.28 0.00	28.27 1.31 0.00	24.38 1.05 0.00	18.09 0.66 0.00
RED___ROCHESTER 323720	17.09 0.41 0.00	15.77 0.30 0.11	13.82 0.28 0.07	13.62 0.17 0.00	12.65 0.19 0.00	13.69 0.31 0.04	12.20 0.24 0.11	14.06 0.27 0.00	13.96 0.22 0.00	13.82 0.24 0.00	13.83 0.13 0.00	9.30 0.00 0.00	12.18 0.00 0.00	14.24 -0.04 0.00	14.30 -0.08 0.00	16.93 -0.12 0.00	17.83 -0.04 0.00	21.71 -0.12 0.00	26.38 -0.05 0.00	24.23 -0.15 0.00	24.69 -0.11 0.00	26.80 -0.16 0.00	23.16 -0.17 0.00	17.45 0.01 0.00
REGAN___SOLAR 323812	18.35 1.67 0.00	17.13 1.54 0.00	14.95 1.36 0.00	14.79 1.34 0.00	13.67 1.21 0.00	14.77 1.34 0.00	13.29 1.22 0.00	14.96 1.17 0.00	14.63 0.89 0.00	14.41 0.83 0.00	14.76 1.07 0.00	11.41 0.70 -1.40	13.21 1.02 0.00	15.25 0.97 0.00	15.57 1.19 0.00	18.26 1.33 0.12	19.48 1.60 0.00	24.30 2.38 -0.10	29.53 3.10 0.00	27.32 2.93 0.00	27.68 2.89 0.00	30.01 3.05 0.00	25.84 2.51 0.00	19.23 1.79 0.00

RENSSELAER___COGEN 23796	16.79 0.11 0.00	15.74 0.15 0.00	13.70 0.10 0.00	13.58 0.13 0.00	12.61 0.15 0.00	13.52 0.10 0.00	12.17 0.10 0.00	13.81 0.02 0.00	13.75 0.01 0.00	13.56 -0.02 0.00	13.72 0.03 0.00	10.84 0.06 -1.47	12.26 0.07 0.00	14.31 0.04 0.00	14.48 0.10 0.00	17.09 0.18 0.13	18.17 0.29 0.00	22.41 0.49 -0.10	26.99 0.56 0.00	24.83 0.45 0.00	25.21 0.42 0.00	27.28 0.32 0.00	23.47 0.15 0.00	17.48 0.05 0.00
REPUBLIC_115KV_BARTNBRK 55605	18.13 1.46 0.00	16.91 1.33 0.00	14.66 1.06 0.00	14.52 1.07 0.00	13.38 0.92 0.00	14.47 1.05 0.00	13.10 1.02 0.00	15.01 1.23 0.00	14.83 1.09 0.00	14.54 0.96 0.00	14.75 1.06 0.00	11.44 0.71 -1.43	13.26 1.08 0.00	15.51 1.23 0.00	15.75 1.37 0.00	18.62 1.72 0.15	19.92 2.05 0.00	24.40 2.48 -0.10	29.40 2.96 0.00	27.14 2.76 0.00	27.77 2.98 0.00	29.84 2.87 0.00	25.32 1.99 0.00	18.70 1.26 0.00
REVERE_CPPR_DRP 24186	17.04 0.37 0.00	15.98 0.39 0.00	13.96 0.36 0.00	13.78 0.34 0.00	12.77 0.30 0.00	13.77 0.34 0.00	12.40 0.33 0.00	14.17 0.38 0.00	14.11 0.37 0.00	13.96 0.38 0.00	14.09 0.40 0.00	9.57 0.27 0.00	12.54 0.36 0.00	14.67 0.39 0.00	14.74 0.36 0.00	17.43 0.38 0.00	18.38 0.50 0.00	22.59 0.77 0.00	27.48 1.04 0.00	25.37 0.98 0.00	25.77 0.97 0.00	27.91 0.95 0.00	24.05 0.73 0.00	17.97 0.53 0.00
REYNOLDS_115KV_TB3 80639	16.88 0.20 0.00	15.83 0.25 0.00	13.77 0.17 0.00	13.66 0.21 0.00	12.66 0.20 0.00	13.59 0.17 0.00	12.23 0.16 0.00	13.90 0.11 0.00	13.83 0.09 0.00	13.63 0.05 0.00	13.79 0.10 0.00	10.89 0.10 -1.49	12.31 0.12 0.00	14.39 0.11 0.00	14.55 0.18 0.00	17.16 0.27 0.15	18.27 0.39 0.00	22.54 0.62 -0.10	27.16 0.72 0.00	24.99 0.60 0.00	25.37 0.58 0.00	27.46 0.50 0.00	23.62 0.30 0.00	17.60 0.16 0.00
RIVERBAY____ 323610	17.42 0.75 0.00	16.26 0.67 0.00	14.17 0.57 0.00	14.04 0.60 0.00	12.99 0.53 0.00	13.91 0.48 0.00	12.50 0.43 0.00	14.27 0.48 0.00	14.30 0.56 0.00	14.16 0.58 0.00	14.33 0.64 0.00	14.36 0.47 -4.59	12.81 0.62 0.00	15.00 0.72 0.00	15.17 0.79 0.00	18.15 0.99 -0.10	18.91 1.04 0.00	23.17 1.27 -0.08	27.86 1.42 0.00	25.68 1.30 0.00	26.13 1.34 0.00	28.35 1.39 0.00	24.45 1.13 0.00	18.14 0.70 0.00
RIVERSDE_115KV_TB3 55908	16.84 0.17 0.00	15.80 0.21 0.00	13.74 0.14 0.00	13.63 0.18 0.00	12.65 0.19 0.00	13.56 0.14 0.00	12.21 0.13 0.00	13.86 0.07 0.00	13.80 0.06 0.00	13.61 0.03 0.00	13.77 0.08 0.00	10.87 0.09 -1.48	12.30 0.11 0.00	14.36 0.09 0.00	14.53 0.15 0.00	17.14 0.24 0.14	18.23 0.36 0.00	22.49 0.57 -0.10	27.10 0.67 0.00	24.93 0.55 0.00	25.32 0.53 0.00	27.39 0.43 0.00	23.57 0.24 0.00	17.55 0.12 0.00
ROARING___BROOK_WT_PWR 323790	16.36 -0.32 0.00	15.48 -0.10 0.00	13.59 0.00 0.00	13.43 -0.02 0.00	12.44 -0.03 0.00	13.41 -0.01 0.00	12.06 -0.01 0.00	13.77 -0.02 0.00	13.71 -0.02 0.00	13.57 -0.01 0.00	13.68 -0.01 0.00	9.29 -0.01 0.00	12.17 -0.01 0.00	14.25 -0.03 0.00	14.35 -0.03 0.00	17.03 -0.02 0.00	17.88 0.00 0.00	21.84 0.02 0.00	26.45 0.02 0.00	24.36 -0.02 0.00	24.75 -0.05 0.00	26.93 -0.04 0.00	23.29 -0.03 0.00	17.42 -0.02 0.00
ROCHESRG_115KV_T4 355643	16.95 0.27 0.00	15.76 0.17 0.00	13.78 0.18 0.00	13.53 0.08 0.00	12.56 0.09 0.00	13.63 0.21 0.00	12.22 0.15 0.00	13.95 0.16 0.00	13.85 0.11 0.00	13.71 0.13 0.00	13.71 0.02 0.00	9.22 -0.08 0.00	12.08 -0.11 0.00	14.11 -0.17 0.00	14.17 -0.21 0.00	16.76 -0.29 0.00	17.64 -0.23 0.00	21.48 -0.35 0.00	26.09 -0.34 0.00	23.95 -0.44 0.00	24.40 -0.39 0.00	26.51 -0.46 0.00	22.92 -0.40 0.00	17.28 -0.15 0.00
ROCHESTER_9_IC 23652	17.03 0.35 0.00	15.83 0.25 0.00	13.84 0.24 0.00	13.58 0.13 0.00	12.61 0.15 0.00	13.69 0.27 0.00	12.27 0.20 0.00	14.01 0.22 0.00	13.92 0.18 0.00	13.77 0.19 0.00	13.78 0.08 0.00	9.26 -0.04 0.00	12.13 -0.05 0.00	14.18 -0.10 0.00	14.24 -0.14 0.00	16.85 -0.21 0.00	17.74 -0.13 0.00	21.59 -0.23 0.00	26.24 -0.19 0.00	24.09 -0.29 0.00	24.55 -0.24 0.00	26.66 -0.30 0.00	23.04 -0.28 0.00	17.37 -0.06 0.00
ROCKVIEW_13_KV_LD 356306	17.38 0.71 0.00	16.19 0.60 0.00	14.11 0.51 0.00	13.99 0.55 0.00	12.95 0.48 0.00	13.89 0.47 0.00	12.48 0.40 0.00	14.25 0.46 0.00	14.26 0.53 0.00	14.13 0.55 0.00	14.33 0.64 0.00	14.35 0.46 -4.59	12.80 0.61 0.00	14.99 0.71 0.00	15.14 0.76 0.00	18.11 0.95 -0.10	18.89 1.01 0.00	23.17 1.28 -0.08	27.84 1.41 0.00	25.66 1.27 0.00	26.08 1.29 0.00	28.28 1.32 0.00	24.37 1.04 0.00	18.09 0.66 0.00
ROME_____115KV_TB2 80656	17.04 0.37 0.00	15.98 0.39 0.00	13.96 0.36 0.00	13.78 0.34 0.00	12.77 0.30 0.00	13.77 0.34 0.00	12.40 0.33 0.00	14.17 0.38 0.00	14.11 0.37 0.00	13.96 0.38 0.00	14.09 0.40 0.00	9.57 0.27 0.00	12.54 0.36 0.00	14.67 0.39 0.00	14.74 0.36 0.00	17.43 0.38 0.00	18.38 0.50 0.00	22.59 0.77 0.00	27.48 1.04 0.00	25.37 0.98 0.00	25.77 0.97 0.00	27.91 0.95 0.00	24.05 0.73 0.00	17.97 0.53 0.00
ROSETON___1 23587	17.20 0.52 0.00	16.03 0.45 0.00	13.98 0.38 0.00	13.86 0.41 0.00	12.82 0.36 0.00	13.76 0.34 0.00	12.36 0.29 0.00	14.11 0.32 0.00	14.10 0.36 0.00	13.95 0.37 0.00	14.13 0.44 0.00	10.39 0.32 -0.78	12.61 0.42 0.00	14.76 0.49 0.00	14.91 0.53 0.00	17.82 0.68 -0.09	18.62 0.74 0.00	22.87 0.97 -0.08	27.52 1.08 0.00	25.34 0.96 0.00	25.76 0.97 0.00	27.91 0.95 0.00	24.04 0.71 0.00	17.87 0.44 0.00
ROSETON___2 23588	17.20 0.52 0.00	16.03 0.45 0.00	13.98 0.38 0.00	13.86 0.41 0.00	12.82 0.36 0.00	13.76 0.34 0.00	12.36 0.29 0.00	14.11 0.32 0.00	14.10 0.36 0.00	13.95 0.37 0.00	14.13 0.44 0.00	10.39 0.32 -0.78	12.61 0.42 0.00	14.76 0.49 0.00	14.91 0.53 0.00	17.82 0.68 -0.09	18.62 0.74 0.00	22.87 0.97 -0.08	27.52 1.08 0.00	25.34 0.96 0.00	25.76 0.97 0.00	27.91 0.95 0.00	24.04 0.71 0.00	17.87 0.44 0.00
ROTTTRDAM_115KV_TB3 80664	17.20 0.52 0.00	16.10 0.52 0.00	14.02 0.42 0.00	13.89 0.44 0.00	12.86 0.40 0.00	13.83 0.41 0.00	12.42 0.35 0.00	14.16 0.37 0.00	14.10 0.36 0.00	13.91 0.33 0.00	14.04 0.35 0.00	10.97 0.27 -1.40	12.51 0.32 0.00	14.66 0.39 0.00	14.80 0.42 0.00	17.48 0.55 0.12	18.54 0.66 0.00	22.83 0.91 -0.10	27.52 1.08 0.00	25.34 0.95 0.00	25.76 0.97 0.00	27.91 0.95 0.00	24.04 0.72 0.00	17.91 0.48 0.00
RUSSELL___1 23602	17.09 0.41 0.00	15.88 0.30 0.00	13.88 0.28 0.00	13.62 0.17 0.00	12.65 0.19 0.00	13.73 0.31 0.00	12.31 0.24 0.00	14.06 0.27 0.00	13.96 0.22 0.00	13.82 0.24 0.00	13.83 0.13 0.00	9.30 0.00 0.00	12.18 0.00 0.00	14.24 -0.04 0.00	14.30 -0.08 0.00	16.93 -0.12 0.00	17.83 -0.04 0.00	21.71 -0.12 0.00	26.38 -0.05 0.00	24.23 -0.16 0.00	24.69 -0.10 0.00	26.80 -0.16 0.00	23.16 -0.17 0.00	17.45 0.01 0.00

RUSSELL___2 23532	17.09 0.41 0.00	15.88 0.30 0.00	13.88 0.28 0.00	13.62 0.17 0.00	12.65 0.19 0.00	13.73 0.31 0.00	12.31 0.24 0.00	14.06 0.27 0.00	13.96 0.22 0.00	13.82 0.24 0.00	13.83 0.13 0.00	9.30 0.00 0.00	12.18 0.00 0.00	14.24 -0.04 0.00	14.30 -0.08 0.00	16.93 -0.12 0.00	17.83 -0.04 0.00	21.71 -0.12 0.00	26.38 -0.05 0.00	24.23 -0.16 0.00	24.69 -0.10 0.00	26.80 -0.16 0.00	23.16 -0.17 0.00	17.45 0.01 0.00
RUSSELL___3 23549	17.09 0.41 0.00	15.88 0.30 0.00	13.88 0.28 0.00	13.62 0.17 0.00	12.65 0.19 0.00	13.73 0.31 0.00	12.31 0.24 0.00	14.06 0.27 0.00	13.96 0.22 0.00	13.82 0.24 0.00	13.83 0.13 0.00	9.30 0.00 0.00	12.18 0.00 0.00	14.24 -0.04 0.00	14.30 -0.08 0.00	16.93 -0.12 0.00	17.83 -0.04 0.00	21.71 -0.12 0.00	26.38 -0.05 0.00	24.23 -0.16 0.00	24.69 -0.10 0.00	26.80 -0.16 0.00	23.16 -0.17 0.00	17.45 0.01 0.00
RUSSELL___4 23556	17.09 0.41 0.00	15.88 0.30 0.00	13.88 0.28 0.00	13.62 0.17 0.00	12.65 0.19 0.00	13.73 0.31 0.00	12.31 0.24 0.00	14.06 0.27 0.00	13.96 0.22 0.00	13.82 0.24 0.00	13.83 0.13 0.00	9.30 0.00 0.00	12.18 0.00 0.00	14.24 -0.04 0.00	14.30 -0.08 0.00	16.93 -0.12 0.00	17.83 -0.04 0.00	21.71 -0.12 0.00	26.38 -0.05 0.00	24.23 -0.16 0.00	24.69 -0.10 0.00	26.80 -0.16 0.00	23.16 -0.17 0.00	17.45 0.01 0.00
RUSSELL___STATION 23914	17.09 0.41 0.00	15.88 0.30 0.00	13.88 0.28 0.00	13.62 0.17 0.00	12.65 0.19 0.00	13.73 0.31 0.00	12.31 0.24 0.00	14.06 0.27 0.00	13.96 0.22 0.00	13.82 0.24 0.00	13.83 0.13 0.00	9.30 0.00 0.00	12.18 0.00 0.00	14.24 -0.04 0.00	14.30 -0.08 0.00	16.93 -0.12 0.00	17.83 -0.04 0.00	21.71 -0.12 0.00	26.38 -0.05 0.00	24.23 -0.16 0.00	24.69 -0.10 0.00	26.80 -0.16 0.00	23.16 -0.17 0.00	17.45 0.01 0.00
S SALMON___HYD 24043	16.80 0.13 0.00	15.79 0.20 0.00	13.79 0.20 0.00	13.60 0.15 0.00	12.59 0.13 0.00	13.60 0.17 0.00	12.26 0.19 0.00	13.99 0.20 0.00	13.94 0.20 0.00	13.76 0.18 0.00	13.83 0.13 0.00	9.41 0.11 0.00	12.32 0.13 0.00	14.42 0.14 0.00	14.42 0.05 0.00	17.05 0.00 0.00	17.96 0.08 0.00	21.99 0.16 0.00	26.88 0.44 0.00	24.84 0.45 0.00	25.26 0.46 0.00	27.42 0.46 0.00	23.69 0.37 0.00	17.70 0.27 0.00
S.PERRY___115KV_TB1 80734	17.51 0.83 0.00	16.26 0.68 0.00	14.21 0.61 0.00	13.95 0.50 0.00	12.96 0.50 0.00	14.08 0.65 0.00	12.64 0.57 0.00	14.46 0.67 0.00	14.38 0.64 0.00	14.21 0.63 0.00	14.05 0.36 0.00	9.39 0.09 0.00	12.30 0.12 0.00	14.35 0.07 0.00	14.40 0.02 0.00	17.07 0.01 0.00	18.14 0.27 0.00	22.07 0.24 -0.01	27.12 0.68 0.00	25.06 0.67 0.00	25.57 0.78 0.00	27.73 0.77 0.00	23.89 0.56 0.00	17.97 0.53 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.11 0.43 0.00	15.89 0.31 0.00	13.92 0.32 0.00	13.60 0.15 0.00	12.64 0.18 0.00	13.78 0.35 0.00	12.31 0.24 0.00	14.05 0.27 0.00	13.90 0.16 0.00	13.76 0.18 0.00	13.73 0.04 0.00	9.22 -0.08 0.00	12.06 -0.12 0.00	14.09 -0.18 0.00	14.11 -0.27 0.00	16.66 -0.39 0.00	17.51 -0.37 0.00	21.27 -0.56 -0.01	25.83 -0.61 0.00	23.62 -0.76 0.00	24.13 -0.67 0.00	26.24 -0.72 0.00	22.74 -0.59 0.00	17.25 -0.18 0.00
SAWYER___23_KV_LOAD 55526	17.11 0.43 0.00	15.89 0.31 0.00	13.92 0.32 0.00	13.60 0.15 0.00	12.64 0.18 0.00	13.78 0.35 0.00	12.31 0.24 0.00	14.05 0.27 0.00	13.90 0.16 0.00	13.76 0.18 0.00	13.73 0.04 0.00	9.22 -0.08 0.00	12.06 -0.12 0.00	14.09 -0.18 0.00	14.11 -0.27 0.00	16.66 -0.39 0.00	17.51 -0.37 0.00	21.27 -0.56 -0.01	25.83 -0.61 0.00	23.62 -0.76 0.00	24.13 -0.67 0.00	26.24 -0.72 0.00	22.74 -0.59 0.00	17.25 -0.18 0.00
SELKIRK___I 23801	17.03 0.35 0.00	15.97 0.39 0.00	13.90 0.31 0.00	13.78 0.33 0.00	12.79 0.33 0.00	13.72 0.30 0.00	12.34 0.26 0.00	14.02 0.23 0.00	13.94 0.20 0.00	13.74 0.16 0.00	13.90 0.20 0.00	10.86 0.17 -1.39	12.39 0.20 0.00	14.49 0.21 0.00	14.65 0.27 0.00	17.34 0.38 0.09	18.38 0.51 0.00	22.66 0.75 -0.10	27.32 0.88 0.00	25.12 0.73 0.00	25.48 0.69 0.00	27.60 0.63 0.00	23.76 0.43 0.00	17.71 0.27 0.00
SELKIRK___II 23799	16.90 0.23 0.00	15.85 0.26 0.00	13.79 0.19 0.00	13.67 0.22 0.00	12.69 0.22 0.00	13.61 0.19 0.00	12.24 0.16 0.00	13.90 0.11 0.00	13.84 0.10 0.00	13.66 0.08 0.00	13.81 0.12 0.00	10.86 0.12 -1.45	12.33 0.14 0.00	14.41 0.13 0.00	14.57 0.19 0.00	17.23 0.28 0.10	18.27 0.39 0.00	22.51 0.60 -0.10	27.12 0.69 0.00	24.94 0.56 0.00	25.34 0.54 0.00	27.43 0.47 0.00	23.62 0.29 0.00	17.60 0.16 0.00
SENECA OSWGO___HYD 24041	16.94 0.27 0.00	15.84 0.25 0.00	13.82 0.22 0.00	13.64 0.20 0.00	12.64 0.18 0.00	13.65 0.22 0.00	12.28 0.21 0.00	14.02 0.23 0.00	13.97 0.23 0.00	13.84 0.26 0.00	13.95 0.25 0.00	9.46 0.16 0.00	12.39 0.20 0.00	14.49 0.22 0.00	14.54 0.16 0.00	17.22 0.17 0.00	18.15 0.27 0.00	22.22 0.39 0.00	27.00 0.56 0.00	24.93 0.54 0.00	25.34 0.55 0.00	27.49 0.53 0.00	23.71 0.38 0.00	17.73 0.30 0.00
SENECA___115KV_TB3 355854	17.21 0.53 0.00	16.00 0.42 0.00	14.00 0.40 0.00	13.69 0.24 0.00	12.73 0.26 0.00	13.85 0.42 0.00	12.38 0.31 0.00	14.15 0.36 0.00	14.02 0.28 0.00	13.87 0.29 0.00	13.85 0.16 0.00	9.31 0.01 0.00	12.17 -0.02 0.00	14.22 -0.05 0.00	14.25 -0.13 0.00	16.84 -0.21 0.00	17.70 -0.18 0.00	21.51 -0.32 -0.01	26.12 -0.32 0.00	23.92 -0.47 0.00	24.44 -0.36 0.00	26.58 -0.38 0.00	23.00 -0.32 0.00	17.43 -0.01 0.00
SENECA___ENERGY 23797	16.76 0.09 0.00	15.65 0.06 0.00	13.66 0.06 0.00	13.44 0.00 0.00	12.50 0.03 0.00	13.50 0.08 0.00	12.14 0.06 0.00	13.87 0.08 0.00	13.83 0.09 0.00	13.67 0.09 0.00	13.74 0.05 0.00	9.28 -0.03 0.00	12.15 -0.04 0.00	14.20 -0.08 0.00	14.26 -0.12 0.00	16.88 -0.17 0.00	17.78 -0.10 0.00	21.75 -0.07 0.00	26.47 0.04 0.00	24.44 0.06 0.00	24.85 0.06 0.00	26.91 -0.05 0.00	23.25 -0.08 0.00	17.40 -0.03 0.00
SHOEMAKER___GT 23640	17.12 0.44 0.00	15.96 0.37 0.00	13.91 0.31 0.00	13.79 0.34 0.00	12.76 0.30 0.00	13.71 0.28 0.00	12.31 0.23 0.00	14.05 0.26 0.00	14.04 0.30 0.00	13.88 0.30 0.00	14.04 0.35 0.00	6.45 0.24 3.09	12.51 0.32 0.00	14.67 0.40 0.00	14.82 0.44 0.00	17.72 0.58 -0.08	18.51 0.63 0.00	22.71 0.83 -0.06	27.36 0.92 0.00	25.24 0.86 0.00	25.65 0.87 0.00	27.80 0.84 0.00	23.96 0.63 0.00	17.81 0.38 0.00
SHOEMAKR_138KV_BK 111 55601	17.11 0.44 0.00	15.95 0.37 0.00	13.91 0.31 0.00	13.78 0.33 0.00	12.76 0.29 0.00	13.70 0.28 0.00	12.30 0.23 0.00	14.05 0.26 0.00	14.04 0.30 0.00	13.89 0.31 0.00	14.04 0.35 0.00	6.62 0.25 2.93	12.52 0.33 0.00	14.68 0.41 0.00	14.83 0.45 0.00	17.72 0.58 -0.08	18.51 0.63 0.00	22.71 0.82 -0.06	27.36 0.92 0.00	25.23 0.85 0.00	25.65 0.85 0.00	27.80 0.84 0.00	23.94 0.62 0.00	17.81 0.37 0.00

SHOREHAM_IC_1 23715	19.28 1.42 -1.18	16.84 1.26 0.00	14.63 1.03 0.00	14.52 1.07 0.00	13.43 0.97 0.00	14.42 1.00 0.00	12.95 0.87 0.00	14.84 1.05 0.00	14.80 1.06 0.00	14.60 1.02 0.00	14.74 1.05 0.00	14.60 0.74 -4.56	13.19 1.00 0.00	15.44 1.16 -0.01	20.75 1.15 -5.23	34.54 1.46 -16.03	27.65 1.66 -8.11	24.39 2.15 -0.41	28.88 2.44 0.00	32.22 2.31 -5.53	32.11 2.24 -5.07	36.19 2.42 -6.82	34.76 1.91 -9.53	21.53 1.38 -2.72
SHOREHAM_IC_2 23716	19.28 1.42 -1.18	16.84 1.26 0.00	14.63 1.03 0.00	14.52 1.07 0.00	13.43 0.97 0.00	14.42 1.00 0.00	12.95 0.87 0.00	14.84 1.05 0.00	14.80 1.06 0.00	14.60 1.02 0.00	14.74 1.05 0.00	14.60 0.74 -4.56	13.19 1.00 0.00	15.44 1.16 -0.01	20.75 1.15 -5.23	34.54 1.46 -16.03	27.65 1.66 -8.11	24.39 2.15 -0.41	28.88 2.44 0.00	32.22 2.31 -5.53	32.11 2.24 -5.07	36.19 2.42 -6.82	34.76 1.91 -9.53	21.53 1.38 -2.72
SISSONVILLE____ 23735	16.24 -0.43 0.00	15.19 -0.40 0.00	13.28 -0.32 0.00	13.14 -0.31 0.00	12.16 -0.30 0.00	13.12 -0.30 0.00	11.86 -0.21 0.00	13.59 -0.19 0.00	13.53 -0.21 0.00	13.37 -0.22 0.00	13.45 -0.24 0.00	9.16 -0.14 0.00	12.01 -0.18 0.00	14.10 -0.18 0.00	14.18 -0.20 0.00	16.72 -0.33 0.00	17.47 -0.41 0.00	21.27 -0.55 0.00	25.91 -0.52 0.00	23.96 -0.42 0.00	24.35 -0.44 0.00	26.57 -0.39 0.00	23.05 -0.27 0.00	17.24 -0.20 0.00
SITHE_IND_GS1 24169	16.37 -0.30 0.00	15.29 -0.29 0.00	13.35 -0.25 0.00	13.18 -0.27 0.00	12.22 -0.24 0.00	13.18 -0.24 0.00	11.85 -0.22 0.00	13.53 -0.25 0.00	13.48 -0.26 0.00	13.33 -0.25 0.00	13.43 -0.27 0.00	9.10 -0.20 0.00	11.93 -0.26 0.00	13.95 -0.32 0.00	14.03 -0.35 0.00	16.63 -0.42 0.00	17.47 -0.41 0.00	21.32 -0.50 0.00	25.84 -0.59 0.00	23.84 -0.55 0.00	24.24 -0.55 0.00	26.33 -0.63 0.00	22.75 -0.57 0.00	17.06 -0.37 0.00
SITHE_IND_GS2 24170	16.37 -0.30 0.00	15.29 -0.29 0.00	13.35 -0.25 0.00	13.18 -0.27 0.00	12.22 -0.24 0.00	13.18 -0.24 0.00	11.85 -0.22 0.00	13.53 -0.25 0.00	13.48 -0.26 0.00	13.33 -0.25 0.00	13.43 -0.27 0.00	9.10 -0.20 0.00	11.93 -0.26 0.00	13.95 -0.32 0.00	14.03 -0.35 0.00	16.63 -0.42 0.00	17.47 -0.41 0.00	21.32 -0.50 0.00	25.84 -0.59 0.00	23.84 -0.55 0.00	24.24 -0.55 0.00	26.33 -0.63 0.00	22.75 -0.57 0.00	17.06 -0.37 0.00
SITHE_IND_GS3 24171	16.37 -0.30 0.00	15.29 -0.29 0.00	13.35 -0.25 0.00	13.18 -0.27 0.00	12.22 -0.24 0.00	13.18 -0.24 0.00	11.85 -0.22 0.00	13.53 -0.25 0.00	13.48 -0.26 0.00	13.33 -0.25 0.00	13.43 -0.27 0.00	9.10 -0.20 0.00	11.93 -0.26 0.00	13.95 -0.32 0.00	14.03 -0.35 0.00	16.63 -0.42 0.00	17.47 -0.41 0.00	21.32 -0.50 0.00	25.84 -0.59 0.00	23.84 -0.55 0.00	24.24 -0.55 0.00	26.33 -0.63 0.00	22.75 -0.57 0.00	17.06 -0.37 0.00
SITHE_IND_GS4 24172	16.37 -0.30 0.00	15.29 -0.29 0.00	13.35 -0.25 0.00	13.18 -0.27 0.00	12.22 -0.24 0.00	13.18 -0.24 0.00	11.85 -0.22 0.00	13.53 -0.25 0.00	13.48 -0.26 0.00	13.33 -0.25 0.00	13.43 -0.27 0.00	9.10 -0.20 0.00	11.93 -0.26 0.00	13.95 -0.32 0.00	14.03 -0.35 0.00	16.63 -0.42 0.00	17.47 -0.41 0.00	21.32 -0.50 0.00	25.84 -0.59 0.00	23.84 -0.55 0.00	24.24 -0.55 0.00	26.33 -0.63 0.00	22.75 -0.57 0.00	17.06 -0.37 0.00
SITHE____BATAVIA 24024	17.40 0.72 0.00	16.00 0.57 0.16	14.03 0.54 0.10	13.82 0.38 0.00	12.85 0.39 0.00	13.94 0.58 0.06	12.35 0.45 0.17	14.30 0.51 0.00	14.16 0.42 0.00	13.98 0.40 0.00	13.94 0.24 0.00	9.36 0.06 0.00	12.28 0.09 0.00	14.33 0.06 0.00	14.34 -0.04 0.00	16.92 -0.13 0.00	17.93 0.05 0.00	21.91 0.09 0.00	26.75 0.31 0.00	24.57 0.18 0.00	25.06 0.27 0.00	27.13 0.17 0.00	23.46 0.13 0.00	17.73 0.30 0.00
SITHE____INDEPEND 23800	16.37 -0.30 0.00	15.29 -0.29 0.00	13.35 -0.25 0.00	13.18 -0.27 0.00	12.22 -0.24 0.00	13.18 -0.24 0.00	11.85 -0.22 0.00	13.53 -0.25 0.00	13.48 -0.26 0.00	13.33 -0.25 0.00	13.43 -0.27 0.00	9.10 -0.19 0.00	11.93 -0.26 0.00	13.95 -0.32 0.00	14.03 -0.35 0.00	16.63 -0.43 0.00	17.47 -0.41 0.00	21.32 -0.50 0.00	25.84 -0.59 0.00	23.84 -0.55 0.00	24.24 -0.55 0.00	26.33 -0.63 0.00	22.75 -0.57 0.00	17.06 -0.37 0.00
SITHE____MASSENA 23902	16.60 -0.08 0.00	15.48 -0.11 0.00	13.52 -0.08 0.00	13.38 -0.07 0.00	12.40 -0.06 0.00	13.37 -0.06 0.00	12.07 -0.01 0.00	13.81 0.03 0.00	13.75 0.01 0.00	13.58 0.00 0.00	13.67 -0.03 0.00	9.29 0.00 0.00	12.19 0.00 0.00	14.31 0.04 0.00	14.41 0.03 0.00	17.03 -0.02 0.00	17.79 -0.09 0.00	21.63 -0.19 0.00	26.28 -0.16 0.00	24.26 -0.12 0.00	24.67 -0.12 0.00	26.94 -0.02 0.00	23.41 0.09 0.00	17.53 0.09 0.00
SITHE____OGDNSBRG 24021	16.66 -0.02 0.00	15.54 -0.04 0.00	13.58 -0.02 0.00	13.44 -0.01 0.00	12.44 -0.02 0.00	13.42 0.00 0.00	12.14 0.07 0.00	13.91 0.12 0.00	13.82 0.08 0.00	13.62 0.04 0.00	13.71 0.01 0.00	9.32 0.02 0.00	12.23 0.04 0.00	14.34 0.07 0.00	14.43 0.05 0.00	17.03 -0.02 0.00	17.80 -0.08 0.00	21.68 -0.14 0.00	26.50 0.06 0.00	24.52 0.14 0.00	24.93 0.13 0.00	27.20 0.24 0.00	23.60 0.28 0.00	17.65 0.21 0.00
SITHE____STERLING 23777	16.98 0.30 0.00	15.89 0.31 0.00	13.88 0.28 0.00	13.71 0.26 0.00	12.70 0.24 0.00	13.70 0.27 0.00	12.33 0.26 0.00	14.08 0.30 0.00	14.02 0.28 0.00	13.89 0.30 0.00	14.01 0.32 0.00	9.51 0.21 0.00	12.46 0.27 0.00	14.57 0.30 0.00	14.66 0.28 0.00	17.35 0.30 0.00	18.29 0.41 0.00	22.44 0.62 0.00	27.25 0.81 0.00	25.16 0.77 0.00	25.56 0.77 0.00	27.69 0.73 0.00	23.87 0.55 0.00	17.84 0.40 0.00
SLEIGHT__34_KV_TB1 80719	17.08 0.40 0.00	15.95 0.37 0.00	13.92 0.32 0.00	13.68 0.23 0.00	12.71 0.25 0.00	13.76 0.33 0.00	12.37 0.29 0.00	14.12 0.33 0.00	14.10 0.36 0.00	13.94 0.36 0.00	14.03 0.34 0.00	9.47 0.17 0.00	12.43 0.24 0.00	14.51 0.23 0.00	14.58 0.20 0.00	17.24 0.19 0.00	18.20 0.32 0.00	22.27 0.45 0.00	27.17 0.74 0.00	25.03 0.65 0.00	25.41 0.62 0.00	27.47 0.51 0.00	23.72 0.39 0.00	17.72 0.29 0.00
SOUTH CAIRO____GT 23612	17.32 0.65 0.00	16.26 0.67 0.00	14.13 0.53 0.00	14.00 0.56 0.00	13.01 0.54 0.00	13.96 0.53 0.00	12.57 0.50 0.00	14.26 0.47 0.00	14.15 0.41 0.00	13.83 0.25 0.00	13.97 0.28 0.00	10.70 0.21 -1.19	12.47 0.28 0.00	14.57 0.29 0.00	14.83 0.45 0.00	17.70 0.72 0.07	18.85 0.97 0.00	23.33 1.42 -0.09	28.21 1.78 0.00	25.95 1.57 0.00	26.27 1.48 0.00	28.34 1.39 0.00	24.31 0.98 0.00	18.08 0.64 0.00
SOUTH HAMPTN____IC 23720	19.47 1.62 -1.17	17.03 1.44 0.00	14.79 1.19 0.00	14.67 1.22 0.00	13.58 1.12 0.00	14.58 1.16 0.00	13.09 1.01 0.00	15.00 1.22 0.00	14.97 1.23 0.00	14.79 1.21 0.00	14.93 1.24 0.00	14.75 0.88 -4.56	13.37 1.18 0.00	15.67 1.38 -0.01	20.98 1.38 -5.22	34.78 1.75 -15.98	27.93 1.96 -8.10	24.74 2.51 -0.40	29.31 2.87 0.00	32.58 2.69 -5.51	32.43 2.60 -5.03	36.53 2.78 -6.79	35.02 2.20 -9.50	21.70 1.59 -2.68

SOUTHDOWN_115KV_TB1 355954	17.57 0.90 0.00	16.36 0.78 0.00	14.30 0.70 0.00	14.00 0.55 0.00	13.03 0.57 0.00	14.15 0.72 0.00	12.65 0.58 0.00	14.50 0.71 0.00	14.47 0.73 0.00	14.31 0.73 0.00	14.28 0.58 0.00	9.57 0.27 0.00	12.52 0.33 0.00	14.66 0.39 0.00	14.68 0.30 0.00	17.37 0.32 0.00	18.25 0.37 0.00	22.20 0.37 -0.01	26.95 0.52 0.00	24.74 0.36 0.00	25.31 0.52 0.00	27.54 0.57 0.00	23.77 0.44 0.00	17.91 0.48 0.00
SOUTHOLD_69_KV_BK 2 55809	19.75 1.91 -1.17	17.29 1.70 0.00	15.01 1.42 0.00	14.89 1.44 0.00	13.78 1.32 0.00	14.80 1.38 0.00	13.29 1.22 0.00	15.24 1.45 0.00	15.21 1.47 0.00	15.04 1.46 0.00	15.19 1.50 0.00	14.92 1.06 -4.56	13.59 1.41 0.00	15.95 1.67 -0.01	21.27 1.68 -5.22	35.14 2.11 -15.98	28.34 2.37 -8.10	25.23 3.01 -0.40	29.90 3.46 0.00	33.12 3.23 -5.51	32.93 3.11 -5.03	37.06 3.31 -6.79	35.44 2.62 -9.50	21.99 1.88 -2.68
SOUTHOLD___IC 23719	19.76 1.91 -1.17	17.29 1.70 0.00	15.02 1.42 0.00	14.89 1.44 0.00	13.78 1.32 0.00	14.80 1.38 0.00	13.29 1.22 0.00	15.24 1.45 0.00	15.21 1.47 0.00	15.04 1.46 0.00	15.19 1.50 0.00	14.92 1.06 -4.56	13.59 1.41 0.00	15.95 1.67 -0.01	21.27 1.68 -5.22	35.14 2.11 -15.98	28.34 2.37 -8.10	25.23 3.01 -0.40	29.90 3.47 0.00	33.12 3.23 -5.51	32.94 3.11 -5.03	37.06 3.31 -6.79	35.44 2.62 -9.50	21.99 1.88 -2.68
SPIERFLS_115KV_TB 1 80737	17.59 0.91 0.00	16.44 0.86 0.00	14.29 0.69 0.00	14.16 0.71 0.00	13.10 0.64 0.00	14.11 0.69 0.00	12.71 0.64 0.00	14.51 0.72 0.00	14.42 0.68 0.00	14.18 0.60 0.00	14.26 0.57 0.00	11.14 0.41 -1.43	12.71 0.52 0.00	14.83 0.56 0.00	15.01 0.64 0.00	17.75 0.84 0.14	18.91 1.03 0.00	23.29 1.37 -0.10	28.08 1.65 0.00	25.90 1.51 0.00	26.50 1.71 0.00	28.62 1.65 0.00	24.64 1.32 0.00	18.30 0.87 0.00
ST LAWRENCE____ 23600	16.46 -0.21 0.00	15.35 -0.23 0.00	13.40 -0.19 0.00	13.27 -0.18 0.00	12.30 -0.17 0.00	13.25 -0.17 0.00	11.96 -0.11 0.00	13.69 -0.10 0.00	13.63 -0.11 0.00	13.47 -0.11 0.00	13.55 -0.14 0.00	9.22 -0.08 0.00	12.09 -0.10 0.00	14.19 -0.09 0.00	14.29 -0.09 0.00	16.90 -0.15 0.00	17.64 -0.24 0.00	21.46 -0.36 0.00	26.03 -0.41 0.00	24.03 -0.35 0.00	24.44 -0.36 0.00	26.69 -0.27 0.00	23.20 -0.13 0.00	17.37 -0.07 0.00
STATE_CA_115KV_115_LB 55624	16.88 0.20 0.00	15.82 0.24 0.00	13.77 0.17 0.00	13.65 0.20 0.00	12.67 0.21 0.00	13.59 0.16 0.00	12.23 0.16 0.00	13.88 0.09 0.00	13.82 0.08 0.00	13.64 0.06 0.00	13.80 0.11 0.00	10.89 0.12 -1.46	12.33 0.14 0.00	14.40 0.13 0.00	14.57 0.19 0.00	17.20 0.28 0.14	18.28 0.40 0.00	22.54 0.62 -0.10	27.16 0.72 0.00	24.98 0.60 0.00	25.36 0.57 0.00	27.45 0.49 0.00	23.62 0.29 0.00	17.58 0.14 0.00
STATE_ST_34_KV_LOAD 55959	16.93 0.25 0.00	15.87 0.28 0.00	13.85 0.25 0.00	13.60 0.15 0.00	12.66 0.19 0.00	13.67 0.25 0.00	12.28 0.21 0.00	14.03 0.25 0.00	14.01 0.27 0.00	13.81 0.23 0.00	13.93 0.24 0.00	9.40 0.10 0.00	12.36 0.17 0.00	14.44 0.17 0.00	14.52 0.14 0.00	17.15 0.10 0.00	18.06 0.18 0.00	22.09 0.26 0.00	26.95 0.51 0.00	24.89 0.51 0.00	25.25 0.46 0.00	27.32 0.36 0.00	23.63 0.31 0.00	17.62 0.19 0.00
STATION 5_MISC_HYD 23604	17.03 0.35 0.00	15.72 0.24 0.11	13.77 0.24 0.07	13.58 0.13 0.00	12.61 0.15 0.00	13.65 0.27 0.04	12.16 0.20 0.11	14.01 0.22 0.00	13.92 0.18 0.00	13.77 0.19 0.00	13.78 0.08 0.00	9.26 -0.04 0.00	12.13 -0.05 0.00	14.18 -0.10 0.00	14.24 -0.14 0.00	16.85 -0.20 0.00	17.74 -0.13 0.00	21.59 -0.23 0.00	26.24 -0.19 0.00	24.09 -0.29 0.00	24.55 -0.24 0.00	26.66 -0.30 0.00	23.04 -0.28 0.00	17.37 -0.06 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	17.00 0.33 0.00	15.85 0.27 0.00	13.84 0.24 0.00	13.61 0.16 0.00	12.64 0.18 0.00	13.69 0.26 0.00	12.30 0.22 0.00	14.05 0.26 0.00	14.00 0.26 0.00	13.85 0.26 0.00	13.90 0.20 0.00	9.38 0.08 0.00	12.30 0.11 0.00	14.35 0.07 0.00	14.42 0.04 0.00	17.07 0.02 0.00	18.03 0.15 0.00	22.00 0.18 0.00	26.76 0.32 0.00	24.64 0.25 0.00	25.06 0.27 0.00	27.15 0.19 0.00	23.43 0.11 0.00	17.58 0.14 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	16.85 0.17 0.00	15.67 0.09 0.00	13.70 0.10 0.00	13.45 0.00 0.00	12.49 0.03 0.00	13.54 0.12 0.00	12.15 0.08 0.00	13.91 0.12 0.00	13.83 0.09 0.00	13.69 0.10 0.00	13.70 0.01 0.00	9.23 -0.07 0.00	12.08 -0.10 0.00	14.11 -0.16 0.00	14.18 -0.20 0.00	16.78 -0.27 0.00	17.69 -0.19 0.00	21.52 -0.31 0.00	26.16 -0.27 0.00	24.02 -0.37 0.00	24.47 -0.32 0.00	26.56 -0.40 0.00	22.95 -0.38 0.00	17.29 -0.15 0.00
STA_56___34_KV_BUS2 355983	16.85 0.17 0.00	15.67 0.09 0.00	13.70 0.10 0.00	13.45 0.00 0.00	12.49 0.03 0.00	13.54 0.12 0.00	12.15 0.08 0.00	13.91 0.12 0.00	13.83 0.09 0.00	13.69 0.10 0.00	13.70 0.01 0.00	9.23 -0.07 0.00	12.08 -0.10 0.00	14.11 -0.16 0.00	14.18 -0.20 0.00	16.78 -0.27 0.00	17.69 -0.19 0.00	21.52 -0.31 0.00	26.16 -0.27 0.00	24.02 -0.37 0.00	24.47 -0.32 0.00	26.56 -0.40 0.00	22.95 -0.38 0.00	17.29 -0.15 0.00
STA_67___115KV_BK2 355882	17.00 0.32 0.00	15.80 0.22 0.00	13.82 0.22 0.00	13.56 0.11 0.00	12.59 0.13 0.00	13.67 0.24 0.00	12.26 0.18 0.00	13.99 0.20 0.00	13.89 0.15 0.00	13.75 0.17 0.00	13.75 0.06 0.00	9.25 -0.05 0.00	12.11 -0.08 0.00	14.15 -0.12 0.00	14.21 -0.17 0.00	16.81 -0.24 0.00	17.71 -0.17 0.00	21.54 -0.28 0.00	26.18 -0.26 0.00	24.03 -0.35 0.00	24.49 -0.30 0.00	26.59 -0.37 0.00	22.99 -0.33 0.00	17.34 -0.10 0.00
STA_7___115KV_9TRANS 80674	17.09 0.41 0.00	15.88 0.30 0.00	13.88 0.28 0.00	13.62 0.17 0.00	12.65 0.19 0.00	13.73 0.31 0.00	12.31 0.24 0.00	14.06 0.27 0.00	13.96 0.22 0.00	13.82 0.24 0.00	13.83 0.13 0.00	9.30 0.00 0.00	12.18 0.00 0.00	14.24 -0.04 0.00	14.30 -0.08 0.00	16.93 -0.12 0.00	17.83 -0.04 0.00	21.71 -0.12 0.00	26.38 -0.05 0.00	24.23 -0.16 0.00	24.69 -0.10 0.00	26.80 -0.16 0.00	23.16 -0.17 0.00	17.45 0.01 0.00
STA_82___115KV_TB1 80780	17.01 0.33 0.00	15.81 0.22 0.00	13.83 0.23 0.00	13.57 0.12 0.00	12.60 0.14 0.00	13.68 0.25 0.00	12.26 0.19 0.00	14.00 0.21 0.00	13.90 0.16 0.00	13.76 0.17 0.00	13.76 0.07 0.00	9.25 -0.05 0.00	12.11 -0.08 0.00	14.15 -0.13 0.00	14.21 -0.17 0.00	16.81 -0.24 0.00	17.71 -0.17 0.00	21.54 -0.28 0.00	26.18 -0.26 0.00	24.03 -0.35 0.00	24.49 -0.30 0.00	26.59 -0.37 0.00	22.99 -0.33 0.00	17.34 -0.10 0.00
STEEL___WIND 323596	17.20 0.52 0.00	15.76 0.41 0.23	13.84 0.39 0.15	13.68 0.23 0.00	12.72 0.26 0.00	13.76 0.42 0.09	12.14 0.31 0.25	14.14 0.36 0.00	14.02 0.28 0.00	13.87 0.28 0.00	13.84 0.15 0.00	9.29 0.00 0.00	12.17 -0.02 0.00	14.21 -0.06 0.00	14.24 -0.14 0.00	16.83 -0.22 0.00	17.69 -0.19 0.00	21.49 -0.33 -0.01	26.11 -0.33 0.00	23.90 -0.48 0.00	24.41 -0.38 0.00	26.55 -0.41 0.00	22.99 -0.34 0.00	17.41 -0.03 0.00

STEPHTWN_115KV_BK_2 55603	16.93 0.26 0.00	15.86 0.28 0.00	13.78 0.19 0.00	13.67 0.23 0.00	12.69 0.22 0.00	13.61 0.19 0.00	12.28 0.20 0.00	13.94 0.15 0.00	13.88 0.15 0.00	13.69 0.11 0.00	13.86 0.17 0.00	10.91 0.13 -1.47	12.37 0.18 0.00	14.44 0.16 0.00	14.62 0.24 0.00	17.28 0.36 0.13	18.40 0.52 0.00	22.71 0.79 -0.10	27.36 0.92 0.00	25.19 0.81 0.00	25.48 0.69 0.00	27.62 0.66 0.00	23.73 0.40 0.00	17.65 0.21 0.00
STEBEN_REC_LFGE 323667	17.35 0.67 0.00	16.14 0.55 0.00	14.10 0.50 0.00	13.86 0.41 0.00	12.88 0.42 0.00	13.95 0.53 0.00	12.53 0.45 0.00	14.33 0.54 0.00	14.31 0.57 0.00	14.16 0.58 0.00	14.13 0.43 0.00	9.46 0.17 0.00	12.39 0.20 0.00	14.42 0.15 0.00	14.45 0.08 0.00	17.11 0.05 0.00	18.09 0.21 0.00	22.12 0.29 -0.01	26.89 0.45 0.00	24.81 0.43 0.00	25.32 0.53 0.00	27.46 0.50 0.00	23.68 0.35 0.00	17.82 0.38 0.00
STONY__BROOK 24151	19.19 1.30 -1.21	16.73 1.14 0.00	14.53 0.93 0.00	14.42 0.97 0.00	13.34 0.88 0.00	14.32 0.90 0.00	12.86 0.78 0.00	14.74 0.95 0.00	14.70 0.97 0.00	14.51 0.93 0.00	14.66 0.97 0.00	14.56 0.70 -4.56	13.13 0.94 0.00	15.38 1.10 -0.01	20.74 1.11 -5.25	34.60 1.41 -16.14	27.58 1.55 -8.15	24.25 2.01 -0.42	28.70 2.27 0.00	32.09 2.12 -5.58	32.01 2.06 -5.16	36.05 2.21 -6.88	34.67 1.76 -9.59	21.49 1.26 -2.79
STURGEON_POOL_HYD 23609	17.30 0.63 0.00	16.12 0.54 0.00	14.06 0.46 0.00	13.93 0.48 0.00	12.88 0.41 0.00	13.83 0.41 0.00	12.40 0.33 0.00	14.17 0.38 0.00	14.17 0.43 0.00	14.03 0.45 0.00	14.22 0.52 0.00	10.25 0.37 -0.59	12.69 0.50 0.00	14.86 0.59 0.00	15.02 0.65 0.00	17.92 0.83 -0.04	18.75 0.87 0.00	23.02 1.12 -0.08	27.68 1.25 0.00	25.50 1.11 0.00	25.92 1.13 0.00	28.08 1.12 0.00	24.17 0.85 0.00	17.95 0.52 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	17.18 0.50 0.00	16.00 0.42 0.00	13.95 0.35 0.00	13.83 0.38 0.00	12.80 0.34 0.00	13.74 0.32 0.00	12.33 0.26 0.00	14.08 0.30 0.00	14.09 0.35 0.00	13.95 0.37 0.00	14.13 0.43 0.00	5.97 0.31 3.64	12.61 0.42 0.00	14.77 0.49 0.00	14.92 0.54 0.00	17.83 0.69 -0.09	18.62 0.74 0.00	22.84 0.95 -0.07	27.49 1.06 0.00	25.34 0.95 0.00	25.75 0.96 0.00	27.90 0.94 0.00	24.03 0.71 0.00	17.86 0.43 0.00
SWANROAD_115KV_TB1 355699	16.92 0.25 0.00	15.71 0.12 0.00	13.76 0.16 0.00	13.44 -0.01 0.00	12.50 0.04 0.00	13.64 0.21 0.00	12.17 0.09 0.00	13.89 0.10 0.00	13.66 -0.08 0.00	13.50 -0.08 0.00	13.46 -0.23 0.00	9.06 -0.24 0.00	11.85 -0.34 0.00	13.81 -0.47 0.00	13.83 -0.55 0.00	16.32 -0.73 0.00	17.17 -0.71 0.00	20.84 -0.99 -0.01	25.30 -1.13 0.00	23.14 -1.24 0.00	23.64 -1.15 0.00	25.69 -1.27 0.00	22.28 -1.04 0.00	16.96 -0.48 0.00
SYNERGY__BIOGAS 323694	17.40 0.72 0.00	16.00 0.57 0.16	14.03 0.54 0.10	13.82 0.38 0.00	12.85 0.39 0.00	13.94 0.58 0.06	12.35 0.45 0.17	14.30 0.51 0.00	14.16 0.42 0.00	13.98 0.40 0.00	13.94 0.24 0.00	9.36 0.06 0.00	12.28 0.09 0.00	14.33 0.06 0.00	14.34 -0.04 0.00	16.92 -0.13 0.00	17.93 0.05 0.00	21.91 0.09 0.00	26.75 0.31 0.00	24.57 0.18 0.00	25.06 0.27 0.00	27.13 0.17 0.00	23.46 0.13 0.00	17.73 0.30 0.00
SYRACUSE__ENERGY_ST1 323597	16.83 0.15 0.00	15.73 0.14 0.00	13.72 0.12 0.00	13.54 0.09 0.00	12.56 0.10 0.00	13.55 0.13 0.00	12.18 0.11 0.00	13.92 0.13 0.00	13.87 0.14 0.00	13.73 0.15 0.00	13.82 0.13 0.00	9.37 0.07 0.00	12.28 0.09 0.00	14.36 0.09 0.00	14.43 0.06 0.00	17.11 0.06 0.00	18.00 0.13 0.00	22.01 0.18 0.00	26.73 0.29 0.00	24.66 0.28 0.00	25.07 0.28 0.00	27.19 0.23 0.00	23.47 0.14 0.00	17.56 0.13 0.00
SYRACUSE__ENERGY_ST2 323598	16.83 0.15 0.00	15.73 0.14 0.00	13.72 0.12 0.00	13.54 0.09 0.00	12.56 0.10 0.00	13.55 0.13 0.00	12.18 0.11 0.00	13.92 0.13 0.00	13.87 0.14 0.00	13.73 0.15 0.00	13.82 0.13 0.00	9.37 0.07 0.00	12.28 0.09 0.00	14.36 0.09 0.00	14.43 0.06 0.00	17.11 0.06 0.00	18.00 0.13 0.00	22.01 0.18 0.00	26.73 0.29 0.00	24.66 0.28 0.00	25.07 0.28 0.00	27.19 0.23 0.00	23.47 0.14 0.00	17.56 0.13 0.00
SYRACUSE__POWER 24017	16.76 0.09 0.00	15.66 0.07 0.00	13.66 0.06 0.00	13.49 0.04 0.00	12.51 0.05 0.00	13.49 0.07 0.00	12.13 0.06 0.00	13.85 0.07 0.00	13.81 0.07 0.00	13.67 0.09 0.00	13.76 0.07 0.00	9.33 0.03 0.00	12.22 0.03 0.00	14.30 0.02 0.00	14.37 0.00 0.00	17.04 -0.01 0.00	17.93 0.05 0.00	21.92 0.09 0.00	26.58 0.15 0.00	24.54 0.15 0.00	24.95 0.15 0.00	27.06 0.10 0.00	23.35 0.03 0.00	17.49 0.05 0.00
TALLMAN__138KV_BK151 55660	17.23 0.56 0.00	16.05 0.47 0.00	14.00 0.40 0.00	13.88 0.44 0.00	12.84 0.38 0.00	13.79 0.36 0.00	12.37 0.29 0.00	14.12 0.34 0.00	14.15 0.41 0.00	14.01 0.43 0.00	14.20 0.51 0.00	4.60 0.37 5.07	12.68 0.49 0.00	14.86 0.59 0.00	15.01 0.63 0.00	17.94 0.80 -0.09	18.72 0.84 0.00	22.96 1.07 -0.07	27.61 1.17 0.00	25.43 1.05 0.00	25.84 1.05 0.00	28.00 1.04 0.00	24.13 0.80 0.00	17.92 0.48 0.00
TEALLAVE_115KV_TB7 355573	16.70 0.02 0.00	15.59 0.01 0.00	13.60 0.00 0.00	13.43 -0.02 0.00	12.45 -0.01 0.00	13.44 0.01 0.00	12.08 0.01 0.00	13.79 0.00 0.00	13.74 0.00 0.00	13.60 0.03 0.00	13.70 0.00 0.00	9.29 -0.02 0.00	12.16 -0.03 0.00	14.23 -0.05 0.00	14.30 -0.08 0.00	16.95 -0.10 0.00	17.84 -0.04 0.00	21.80 -0.03 0.00	26.42 -0.01 0.00	24.38 0.00 0.00	24.79 0.00 0.00	26.91 -0.06 0.00	23.22 -0.10 0.00	17.40 -0.04 0.00
TELGRAPH_34_KV_EAST 80808	17.20 0.52 0.00	15.95 0.37 0.00	13.97 0.37 0.00	13.65 0.20 0.00	12.69 0.23 0.00	13.83 0.41 0.00	12.36 0.29 0.00	14.12 0.33 0.00	13.93 0.19 0.00	13.78 0.20 0.00	13.72 0.03 0.00	9.23 -0.07 0.00	12.09 -0.09 0.00	14.13 -0.15 0.00	14.12 -0.25 0.00	16.67 -0.38 0.00	17.58 -0.30 0.00	21.39 -0.43 -0.01	25.99 -0.44 0.00	23.80 -0.59 0.00	24.31 -0.48 0.00	26.38 -0.58 0.00	22.85 -0.48 0.00	17.34 -0.10 0.00
TEMPLE__115KV_TB 2 55572	16.70 0.03 0.00	15.59 0.01 0.00	13.61 0.01 0.00	13.44 -0.01 0.00	12.46 0.00 0.00	13.44 0.02 0.00	12.08 0.01 0.00	13.80 0.01 0.00	13.75 0.01 0.00	13.61 0.03 0.00	13.70 0.01 0.00	9.29 -0.01 0.00	12.17 -0.02 0.00	14.23 -0.04 0.00	14.31 -0.07 0.00	16.96 -0.09 0.00	17.85 -0.03 0.00	21.80 -0.02 0.00	26.44 0.01 0.00	24.39 0.01 0.00	24.80 0.01 0.00	26.91 -0.05 0.00	23.23 -0.09 0.00	17.40 -0.03 0.00
TIANA__69_KV_BK 1 55817	19.40 1.55 -1.17	16.96 1.38 0.00	14.74 1.14 0.00	14.62 1.17 0.00	13.53 1.06 0.00	14.53 1.10 0.00	13.04 0.97 0.00	14.95 1.16 0.00	14.91 1.17 0.00	14.73 1.15 0.00	14.87 1.18 0.00	14.70 0.84 -4.56	13.31 1.12 0.00	15.59 1.31 -0.01	20.90 1.31 -5.22	34.69 1.66 -15.98	27.84 1.86 -8.10	24.63 2.40 -0.40	29.18 2.74 0.00	32.47 2.58 -5.51	32.32 2.49 -5.03	36.42 2.67 -6.79	34.94 2.11 -9.50	21.64 1.52 -2.68

TILDEN___115KV_TB1 80814	16.76 0.09 0.00	15.66 0.07 0.00	13.66 0.06 0.00	13.49 0.04 0.00	12.51 0.05 0.00	13.49 0.07 0.00	12.13 0.06 0.00	13.85 0.07 0.00	13.81 0.07 0.00	13.67 0.09 0.00	13.76 0.07 0.00	9.33 0.03 0.00	12.22 0.03 0.00	14.30 0.02 0.00	14.37 0.00 0.00	17.04 -0.01 0.00	17.93 0.05 0.00	21.92 0.09 0.00	26.58 0.15 0.00	24.54 0.15 0.00	24.95 0.15 0.00	27.06 0.10 0.00	23.35 0.03 0.00	17.49 0.05 0.00
TRIGEN___CC 323695	25.05 0.97 -7.41	16.44 0.84 -0.01	14.29 0.69 0.00	14.18 0.73 0.00	13.12 0.65 0.00	14.08 0.66 0.00	12.64 0.57 0.00	14.46 0.67 0.00	14.45 0.71 0.00	14.28 0.70 0.00	14.45 0.76 0.00	14.42 0.55 -4.56	12.93 0.74 0.00	15.19 0.88 -0.04	26.25 0.90 -10.98	62.75 1.08 -44.62	36.64 1.17 -17.60	26.12 1.51 -2.79	28.11 1.67 0.00	44.88 1.57 -18.93	53.51 1.53 -27.19	50.45 1.61 -21.88	48.96 1.28 -24.36	39.67 0.90 -21.34
TRINITY__115KV__4 BK 55933	16.80 0.13 0.00	15.75 0.17 0.00	13.71 0.11 0.00	13.59 0.15 0.00	12.62 0.16 0.00	13.54 0.11 0.00	12.18 0.11 0.00	13.83 0.04 0.00	13.76 0.03 0.00	13.58 0.00 0.00	13.74 0.05 0.00	10.85 0.08 -1.47	12.27 0.08 0.00	14.33 0.06 0.00	14.49 0.12 0.00	17.11 0.20 0.13	18.19 0.31 0.00	22.43 0.52 -0.10	27.03 0.59 0.00	24.87 0.48 0.00	25.24 0.45 0.00	27.33 0.36 0.00	23.51 0.19 0.00	17.51 0.07 0.00
UNION___PROCESSING_DRP 323587	17.01 0.33 0.00	15.82 0.23 0.00	13.83 0.23 0.00	13.57 0.12 0.00	12.60 0.14 0.00	13.68 0.26 0.00	12.26 0.19 0.00	14.00 0.21 0.00	13.90 0.17 0.00	13.76 0.18 0.00	13.80 0.11 0.00	9.36 0.06 0.00	12.28 0.09 0.00	14.30 0.02 0.00	14.34 -0.04 0.00	16.96 -0.09 0.00	17.94 0.06 0.00	21.96 0.14 0.00	26.75 0.31 0.00	24.63 0.24 0.00	25.08 0.29 0.00	27.13 0.17 0.00	23.44 0.12 0.00	17.67 0.24 0.00
UPPER HUDSON___HYD 24058	17.58 0.91 0.00	16.44 0.86 0.00	14.29 0.69 0.00	14.16 0.71 0.00	13.10 0.64 0.00	14.11 0.69 0.00	12.71 0.64 0.00	14.51 0.72 0.00	14.42 0.68 0.00	14.18 0.60 0.00	14.26 0.57 0.00	11.14 0.41 -1.43	12.71 0.52 0.00	14.83 0.56 0.00	15.01 0.64 0.00	17.75 0.84 0.14	18.91 1.03 0.00	23.29 1.37 -0.10	28.08 1.65 0.00	25.90 1.51 0.00	26.50 1.71 0.00	28.62 1.65 0.00	24.64 1.32 0.00	18.30 0.87 0.00
UPPER RAQUET___HYD 24056	16.24 -0.43 0.00	15.19 -0.40 0.00	13.28 -0.32 0.00	13.14 -0.31 0.00	12.16 -0.30 0.00	13.12 -0.30 0.00	11.86 -0.21 0.00	13.60 -0.19 0.00	13.53 -0.21 0.00	13.37 -0.22 0.00	13.45 -0.24 0.00	9.16 -0.14 0.00	12.01 -0.18 0.00	14.10 -0.18 0.00	14.18 -0.20 0.00	16.72 -0.33 0.00	17.47 -0.41 0.00	21.27 -0.55 0.00	25.91 -0.52 0.00	23.96 -0.42 0.00	24.35 -0.44 0.00	26.57 -0.39 0.00	23.05 -0.27 0.00	17.24 -0.20 0.00
VALLEY44_115KV_TB2 355964	17.14 0.46 0.00	15.98 0.40 0.00	13.99 0.39 0.00	13.71 0.26 0.00	12.75 0.28 0.00	13.81 0.38 0.00	12.35 0.27 0.00	14.14 0.35 0.00	14.13 0.39 0.00	13.97 0.39 0.00	13.89 0.20 0.00	9.27 -0.03 0.00	12.11 -0.07 0.00	14.21 -0.07 0.00	14.23 -0.15 0.00	16.84 -0.21 0.00	17.68 -0.19 0.00	21.48 -0.34 -0.01	26.08 -0.36 0.00	23.93 -0.45 0.00	24.48 -0.32 0.00	26.68 -0.28 0.00	23.16 -0.17 0.00	17.48 0.04 0.00
VALLEY___115KV_TB 1-4 80826	16.56 -0.12 0.00	15.54 -0.04 0.00	13.55 -0.05 0.00	13.38 -0.07 0.00	12.41 -0.05 0.00	13.35 -0.08 0.00	12.02 -0.05 0.00	13.70 -0.09 0.00	13.63 -0.10 0.00	13.45 -0.14 0.00	13.58 -0.11 0.00	9.25 -0.05 0.00	12.08 -0.11 0.00	14.18 -0.09 0.00	14.33 -0.05 0.00	17.06 0.01 0.00	17.95 0.08 0.00	22.08 0.26 0.00	26.78 0.34 0.00	24.66 0.28 0.00	25.09 0.30 0.00	27.22 0.26 0.00	23.41 0.09 0.00	17.39 -0.04 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	17.10 0.43 0.00	15.96 0.37 0.00	13.93 0.33 0.00	13.73 0.28 0.00	12.73 0.26 0.00	13.71 0.28 0.00	12.33 0.25 0.00	14.09 0.30 0.00	14.08 0.34 0.00	13.94 0.36 0.00	14.07 0.38 0.00	8.94 0.27 0.62	12.54 0.36 0.00	14.69 0.41 0.00	14.79 0.41 0.00	17.59 0.52 -0.02	18.44 0.56 0.00	22.57 0.73 -0.02	27.31 0.88 0.00	25.32 0.94 0.00	25.72 0.93 0.00	27.87 0.91 0.00	23.99 0.67 0.00	17.88 0.44 0.00
VISCHER___FERRY HYD 24020	17.09 0.41 0.00	16.02 0.44 0.00	13.93 0.33 0.00	13.80 0.36 0.00	12.79 0.32 0.00	13.74 0.32 0.00	12.37 0.29 0.00	14.09 0.30 0.00	14.01 0.27 0.00	13.79 0.20 0.00	13.93 0.24 0.00	10.96 0.18 -1.48	12.42 0.23 0.00	14.54 0.26 0.00	14.69 0.32 0.00	17.31 0.44 0.18	18.48 0.61 0.00	22.83 0.91 -0.10	27.52 1.08 0.00	25.33 0.94 0.00	25.75 0.96 0.00	27.86 0.90 0.00	23.96 0.63 0.00	17.83 0.39 0.00
V_A_10_SYNC_DSASP 323832	16.96 0.29 0.00	15.59 0.17 0.17	13.70 0.21 0.11	13.51 0.07 0.00	12.56 0.10 0.00	13.60 0.24 0.06	12.05 0.15 0.18	13.96 0.17 0.00	13.82 0.09 0.00	13.68 0.10 0.00	13.66 -0.03 0.00	9.18 -0.12 0.00	12.00 -0.18 0.00	14.02 -0.26 0.00	14.05 -0.32 0.00	16.60 -0.45 0.00	17.45 -0.43 0.00	21.20 -0.62 0.00	25.74 -0.69 0.00	23.56 -0.82 0.00	24.05 -0.74 0.00	26.15 -0.81 0.00	22.67 -0.65 0.00	17.17 -0.26 0.00
V_CMM_10_SYNC_DSASP 323787	16.53 -0.15 0.00	15.42 -0.17 0.00	13.47 -0.13 0.00	13.33 -0.12 0.00	12.35 -0.11 0.00	13.31 -0.11 0.00	12.01 -0.06 0.00	13.75 -0.04 0.00	13.69 -0.05 0.00	13.53 -0.06 0.00	13.61 -0.08 0.00	9.26 -0.04 0.00	12.14 -0.04 0.00	14.25 -0.02 0.00	14.35 -0.03 0.00	16.98 -0.08 0.00	17.72 -0.15 0.00	21.56 -0.27 0.00	26.15 -0.28 0.00	24.14 -0.25 0.00	24.55 -0.24 0.00	26.81 -0.15 0.00	23.30 -0.03 0.00	17.45 0.01 0.00
V_CMP_10_SYNC_DSASP 323788	16.68 0.01 0.00	15.61 0.03 0.00	13.71 0.11 0.00	13.58 0.13 0.00	12.57 0.11 0.00	13.58 0.15 0.00	12.24 0.16 0.00	14.08 0.29 0.00	14.03 0.29 0.00	14.01 0.43 0.00	14.13 0.43 0.00	9.61 0.30 0.00	12.67 0.48 0.00	14.87 0.60 0.00	15.07 0.69 0.00	17.84 0.79 0.00	18.64 0.77 0.00	22.62 0.80 0.00	27.39 0.95 0.00	25.34 0.96 0.00	25.82 1.03 0.00	27.99 1.03 0.00	24.21 0.89 0.00	18.10 0.67 0.00
V_E_10_SYNC_DSASP 323830	17.71 1.03 0.00	16.58 0.95 -0.05	14.44 0.81 -0.03	14.18 0.73 0.00	13.17 0.70 0.00	14.26 0.82 -0.02	12.92 0.79 -0.05	14.74 0.95 0.00	14.68 0.95 0.00	14.62 1.04 0.00	14.77 1.07 0.00	9.97 0.67 0.00	13.02 0.83 0.00	15.24 0.96 0.00	15.29 0.91 0.00	18.15 1.11 0.00	19.21 1.33 0.00	23.64 1.81 -0.01	28.71 2.28 0.00	26.60 2.21 0.00	26.95 2.16 0.00	29.09 2.13 0.00	25.00 1.68 0.00	18.62 1.19 0.00
V_F_30_NSYNC___DSASP 323816	17.42 0.74 0.00	16.32 0.73 0.00	14.18 0.59 0.00	14.05 0.60 0.00	13.01 0.54 0.00	14.00 0.57 0.00	12.59 0.52 0.00	14.36 0.57 0.00	14.28 0.55 0.00	14.06 0.48 0.00	14.20 0.50 0.00	11.10 0.36 -1.44	12.65 0.46 0.00	14.80 0.52 0.00	14.97 0.59 0.00	17.68 0.77 0.15	18.82 0.94 0.00	23.22 1.31 -0.10	28.00 1.57 0.00	25.78 1.40 0.00	26.25 1.46 0.00	28.39 1.43 0.00	24.41 1.08 0.00	18.16 0.72 0.00

V_F_30_SYNC_DSASP 323786	16.88 0.20 0.00	15.82 0.24 0.00	13.77 0.17 0.00	13.65 0.20 0.00	12.67 0.21 0.00	13.59 0.16 0.00	12.23 0.16 0.00	13.88 0.09 0.00	13.82 0.08 0.00	13.64 0.06 0.00	13.80 0.11 0.00	10.89 0.12 -1.47	12.32 0.13 0.00	14.40 0.13 0.00	14.57 0.19 0.00	17.20 0.28 0.14	18.28 0.40 0.00	22.54 0.62 -0.10	27.16 0.72 0.00	24.98 0.60 0.00	25.36 0.57 0.00	27.45 0.49 0.00	23.62 0.29 0.00	17.58 0.14 0.00
V_XM_10_SYNC_DSASP 323789	16.68 0.01 0.00	15.61 0.03 0.00	13.71 0.11 0.00	13.58 0.13 0.00	12.57 0.11 0.00	13.58 0.15 0.00	12.24 0.16 0.00	14.08 0.29 0.00	14.03 0.29 0.00	14.01 0.43 0.00	14.13 0.43 0.00	9.61 0.30 0.00	12.67 0.48 0.00	14.87 0.60 0.00	15.07 0.69 0.00	17.84 0.79 0.00	18.64 0.77 0.00	22.62 0.80 0.00	27.39 0.95 0.00	25.34 0.96 0.00	25.82 1.03 0.00	27.99 1.03 0.00	24.21 0.89 0.00	18.10 0.67 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	17.29 0.62 0.00	16.10 0.52 0.00	14.04 0.44 0.00	13.93 0.48 0.00	12.88 0.41 0.00	13.83 0.40 0.00	12.41 0.33 0.00	14.17 0.38 0.00	14.19 0.45 0.00	14.06 0.47 0.00	14.24 0.55 0.00	4.26 0.40 5.44	12.72 0.53 0.00	14.91 0.63 0.00	15.06 0.68 0.00	18.00 0.86 -0.10	18.79 0.91 0.00	23.05 1.15 -0.07	27.71 1.28 0.00	25.53 1.15 0.00	25.94 1.15 0.00	28.11 1.14 0.00	24.21 0.89 0.00	17.98 0.54 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	17.39 0.71 0.00	16.18 0.60 0.00	14.12 0.52 0.00	14.01 0.56 0.00	12.96 0.50 0.00	13.90 0.48 0.00	12.48 0.41 0.00	14.26 0.47 0.00	14.30 0.56 0.00	14.16 0.58 0.00	14.37 0.68 0.00	14.37 0.48 -4.59	12.84 0.65 0.00	15.03 0.75 0.00	15.17 0.79 0.00	18.14 0.98 -0.10	18.90 1.02 0.00	23.17 1.27 -0.08	27.82 1.39 0.00	25.64 1.25 0.00	26.07 1.28 0.00	28.27 1.31 0.00	24.38 1.05 0.00	18.10 0.66 0.00
W50THST__13_KV_LOAD 356117	17.49 0.81 0.00	16.27 0.68 0.00	14.20 0.60 0.00	14.09 0.64 0.00	13.03 0.57 0.00	13.98 0.56 0.00	12.55 0.48 0.00	14.35 0.56 0.00	14.38 0.65 0.00	14.26 0.68 0.00	14.46 0.77 0.00	14.45 0.56 -4.59	12.94 0.75 0.00	15.14 0.86 0.00	15.28 0.90 0.00	18.26 1.11 -0.10	19.03 1.15 0.00	23.32 1.42 -0.08	28.00 1.57 0.00	25.80 1.42 0.00	26.24 1.45 0.00	28.46 1.50 0.00	24.53 1.21 0.00	18.21 0.78 0.00
WADING RIVER_IC_1 23522	19.25 1.41 -1.17	16.83 1.25 0.00	14.62 1.03 0.00	14.51 1.06 0.00	13.43 0.96 0.00	14.42 0.99 0.00	12.94 0.87 0.00	14.84 1.05 0.00	14.79 1.05 0.00	14.60 1.02 0.00	14.74 1.05 0.00	14.61 0.75 -4.56	13.19 1.00 0.00	15.45 1.17 -0.01	20.75 1.16 -5.21	34.49 1.47 -15.96	27.63 1.66 -8.09	24.37 2.15 -0.40	28.87 2.44 0.00	32.19 2.30 -5.50	32.04 2.23 -5.02	36.15 2.40 -6.78	34.72 1.91 -9.49	21.48 1.37 -2.67
WADING RIVER_IC_2 23547	19.25 1.41 -1.17	16.83 1.25 0.00	14.62 1.03 0.00	14.51 1.06 0.00	13.43 0.96 0.00	14.42 0.99 0.00	12.94 0.87 0.00	14.84 1.05 0.00	14.79 1.05 0.00	14.60 1.02 0.00	14.74 1.05 0.00	14.61 0.75 -4.56	13.19 1.00 0.00	15.45 1.17 -0.01	20.75 1.16 -5.21	34.49 1.47 -15.96	27.63 1.66 -8.09	24.37 2.15 -0.40	28.87 2.44 0.00	32.19 2.30 -5.50	32.04 2.23 -5.02	36.15 2.40 -6.78	34.72 1.91 -9.49	21.48 1.37 -2.67
WADING RIVER_IC_3 23601	19.25 1.41 -1.17	16.83 1.25 0.00	14.62 1.03 0.00	14.51 1.06 0.00	13.43 0.96 0.00	14.42 0.99 0.00	12.94 0.87 0.00	14.84 1.05 0.00	14.79 1.05 0.00	14.60 1.02 0.00	14.74 1.05 0.00	14.61 0.75 -4.56	13.19 1.00 0.00	15.45 1.17 -0.01	20.75 1.16 -5.21	34.49 1.47 -15.96	27.63 1.66 -8.09	24.37 2.15 -0.40	28.87 2.44 0.00	32.19 2.30 -5.50	32.04 2.23 -5.02	36.15 2.40 -6.78	34.72 1.91 -9.49	21.48 1.37 -2.67
WALDENNY_12_KV_BK2 80841	17.21 0.54 0.00	16.00 0.41 0.00	13.99 0.40 0.00	13.68 0.23 0.00	12.72 0.26 0.00	13.85 0.43 0.00	12.38 0.31 0.00	14.14 0.36 0.00	14.01 0.27 0.00	13.86 0.28 0.00	13.84 0.14 0.00	9.30 0.00 0.00	12.17 -0.02 0.00	14.21 -0.06 0.00	14.24 -0.14 0.00	16.83 -0.22 0.00	17.69 -0.19 0.00	21.50 -0.32 -0.01	26.10 -0.34 0.00	23.90 -0.48 0.00	24.42 -0.37 0.00	26.54 -0.42 0.00	22.98 -0.35 0.00	17.42 -0.02 0.00
WALDEN__HYDRO 24148	17.31 0.63 0.00	16.11 0.53 0.00	14.04 0.45 0.00	13.92 0.47 0.00	12.88 0.42 0.00	13.84 0.41 0.00	12.42 0.34 0.00	14.18 0.39 0.00	14.17 0.43 0.00	14.01 0.42 0.00	14.17 0.47 0.00	8.98 0.34 0.66	12.64 0.45 0.00	14.81 0.53 0.00	15.01 0.63 0.00	17.94 0.81 -0.08	18.78 0.90 0.00	23.06 1.16 -0.07	27.77 1.33 0.00	25.60 1.22 0.00	26.02 1.23 0.00	28.17 1.21 0.00	24.25 0.93 0.00	18.01 0.57 0.00
WARRENSBURG____ 23737	17.58 0.91 0.00	16.44 0.86 0.00	14.29 0.69 0.00	14.16 0.71 0.00	13.10 0.64 0.00	14.11 0.69 0.00	12.71 0.64 0.00	14.51 0.72 0.00	14.42 0.68 0.00	14.18 0.60 0.00	14.26 0.57 0.00	11.14 0.41 -1.43	12.71 0.52 0.00	14.83 0.56 0.00	15.01 0.64 0.00	17.75 0.84 0.14	18.91 1.03 0.00	23.29 1.37 -0.10	28.08 1.65 0.00	25.90 1.51 0.00	26.50 1.71 0.00	28.62 1.65 0.00	24.64 1.32 0.00	18.30 0.87 0.00
WATERSIDE____6 8 9 23538	17.38 0.71 0.00	16.19 0.60 0.00	14.13 0.53 0.00	14.01 0.57 0.00	12.96 0.50 0.00	13.91 0.48 0.00	12.49 0.42 0.00	14.27 0.48 0.00	14.30 0.56 0.00	14.17 0.59 0.00	14.37 0.67 0.00	14.38 0.50 -4.59	12.85 0.66 0.00	15.04 0.77 0.00	15.20 0.82 0.00	18.17 1.01 -0.10	18.93 1.05 0.00	23.19 1.29 -0.08	27.85 1.41 0.00	25.66 1.28 0.00	26.11 1.32 0.00	28.33 1.37 0.00	24.43 1.11 0.00	18.12 0.68 0.00
WATKINRD_115KV_LN8_ILLION 55919	16.61 -0.07 0.00	15.55 -0.03 0.00	13.56 -0.04 0.00	13.41 -0.04 0.00	12.43 -0.03 0.00	13.37 -0.05 0.00	12.03 -0.04 0.00	13.72 -0.07 0.00	13.65 -0.09 0.00	13.47 -0.12 0.00	13.60 -0.09 0.00	9.26 -0.04 0.00	12.10 -0.09 0.00	14.19 -0.08 0.00	14.33 -0.05 0.00	17.04 -0.01 0.00	17.92 0.04 0.00	22.00 0.18 0.00	26.66 0.22 0.00	24.57 0.18 0.00	24.99 0.19 0.00	27.12 0.16 0.00	23.35 0.02 0.00	17.38 -0.05 0.00
WATSON__69_KV_BK 1 55734	19.61 1.42 -1.51	16.84 1.25 0.00	14.62 1.02 0.00	14.51 1.06 0.00	13.42 0.96 0.00	14.42 0.99 0.00	12.94 0.86 0.00	14.82 1.04 0.00	14.79 1.05 0.00	14.60 1.02 0.00	14.75 1.06 0.00	14.62 0.76 -4.56	13.21 1.02 0.00	15.48 1.20 -0.01	21.07 1.22 -5.48	35.96 1.54 -17.36	28.07 1.66 -8.53	24.49 2.14 -0.53	28.86 2.43 0.00	32.83 2.28 -6.17	33.18 2.24 -6.16	36.93 2.44 -7.53	35.52 1.95 -10.24	22.56 1.42 -3.71
WDELAWARE__HYD 323627	17.08 0.40 0.00	15.90 0.31 0.00	13.87 0.27 0.00	13.73 0.28 0.00	12.70 0.24 0.00	13.63 0.21 0.00	12.23 0.16 0.00	13.97 0.18 0.00	13.98 0.23 0.00	13.84 0.26 0.00	13.99 0.30 0.00	9.46 0.16 0.00	12.16 -0.03 0.00	14.25 -0.03 0.00	14.43 0.06 0.00	17.26 0.16 -0.05	18.04 0.16 0.00	22.14 0.26 -0.06	26.68 0.24 0.00	24.68 0.30 0.00	25.72 0.93 0.00	27.87 0.91 0.00	23.97 0.64 0.00	17.80 0.36 0.00

WEST BABYLON___IC 23714	20.22 1.35 -2.20	16.77 1.18 0.00	14.56 0.96 0.00	14.45 1.00 0.00	13.36 0.90 0.00	14.35 0.92 0.00	12.88 0.81 0.00	14.75 0.97 0.00	14.72 0.98 0.00	14.54 0.96 0.00	14.69 1.00 0.00	14.57 0.71 -4.56	13.14 0.96 0.00	15.42 1.13 -0.01	21.58 1.16 -6.05	38.90 1.46 -20.39	28.93 1.56 -9.49	24.64 2.02 -0.80	28.72 2.29 0.00	34.17 2.16 -7.62	35.53 2.11 -8.63	38.40 2.28 -9.16	36.93 1.83 -11.77	24.55 1.33 -5.79
WEST CANADA___HYD 24049	16.66 -0.02 0.00	15.58 0.00 0.00	13.60 0.00 0.00	13.45 0.00 0.00	12.46 0.00 0.00	13.42 -0.01 0.00	12.06 -0.01 0.00	13.78 -0.01 0.00	13.72 -0.02 0.00	13.56 -0.02 0.00	13.68 -0.01 0.00	9.29 -0.01 0.00	12.17 -0.02 0.00	14.25 -0.03 0.00	14.35 -0.03 0.00	17.03 -0.02 0.00	17.88 0.00 0.00	21.84 0.02 0.00	26.46 0.03 0.00	24.41 0.02 0.00	24.82 0.03 0.00	26.97 0.01 0.00	23.30 -0.02 0.00	17.42 -0.02 0.00
WESTERN_NY_WIND 24143	17.39 0.71 0.00	15.98 0.56 0.17	14.02 0.53 0.10	13.81 0.36 0.00	12.85 0.38 0.00	13.93 0.57 0.06	12.34 0.44 0.17	14.29 0.51 0.00	14.15 0.41 0.00	13.97 0.39 0.00	13.92 0.23 0.00	9.35 0.04 0.00	12.26 0.07 0.00	14.32 0.04 0.00	14.32 -0.06 0.00	16.90 -0.15 0.00	17.90 0.02 0.00	21.86 0.04 0.00	26.70 0.26 0.00	24.51 0.13 0.00	25.01 0.22 0.00	27.07 0.11 0.00	23.41 0.09 0.00	17.70 0.27 0.00
WESTOVER___LESR 323668	16.85 0.18 0.00	15.75 0.17 0.00	13.75 0.15 0.00	13.57 0.12 0.00	12.60 0.14 0.00	13.57 0.14 0.00	12.19 0.12 0.00	13.94 0.15 0.00	13.94 0.20 0.00	13.78 0.20 0.00	13.85 0.16 0.00	9.36 0.06 0.00	12.27 0.08 0.00	14.36 0.09 0.00	14.44 0.07 0.00	17.15 0.10 0.00	18.02 0.15 0.00	22.01 0.18 -0.01	26.66 0.23 0.00	24.67 0.28 0.00	25.10 0.31 0.00	27.28 0.32 0.00	23.53 0.20 0.00	17.60 0.16 0.00
WETHRSFD_WT_PWR 323626	17.08 0.41 0.00	15.82 0.31 0.07	13.85 0.30 0.05	13.62 0.18 0.00	12.68 0.21 0.00	13.74 0.34 0.03	12.25 0.25 0.08	14.09 0.30 0.00	14.00 0.26 0.00	13.85 0.26 0.00	13.82 0.13 0.00	9.28 -0.02 0.00	12.15 -0.04 0.00	14.19 -0.09 0.00	14.22 -0.16 0.00	16.83 -0.22 0.00	17.70 -0.17 0.00	21.54 -0.29 -0.01	26.16 -0.27 0.00	24.04 -0.35 0.00	24.52 -0.27 0.00	26.66 -0.30 0.00	23.05 -0.27 0.00	17.42 -0.02 0.00
WHAVSTOR_138KV_BK127 55557	17.23 0.55 0.00	16.04 0.46 0.00	13.99 0.39 0.00	13.88 0.43 0.00	12.84 0.37 0.00	13.78 0.35 0.00	12.36 0.29 0.00	14.12 0.33 0.00	14.14 0.40 0.00	14.00 0.42 0.00	14.19 0.50 0.00	4.16 0.36 5.51	12.67 0.48 0.00	14.84 0.57 0.00	14.99 0.61 0.00	17.92 0.78 -0.10	18.71 0.83 0.00	22.94 1.05 -0.07	27.58 1.15 0.00	25.41 1.03 0.00	25.82 1.02 0.00	27.98 1.02 0.00	24.11 0.78 0.00	17.90 0.47 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	17.23 0.55 0.00	16.04 0.46 0.00	13.99 0.39 0.00	13.88 0.43 0.00	12.84 0.37 0.00	13.78 0.35 0.00	12.36 0.29 0.00	14.12 0.33 0.00	14.14 0.40 0.00	14.00 0.42 0.00	14.19 0.50 0.00	4.16 0.36 5.51	12.67 0.48 0.00	14.84 0.57 0.00	14.99 0.61 0.00	17.92 0.78 -0.10	18.71 0.83 0.00	22.94 1.05 -0.07	27.58 1.15 0.00	25.41 1.03 0.00	25.82 1.02 0.00	27.98 1.02 0.00	24.11 0.78 0.00	17.90 0.47 0.00
WHITEHAL_115KV_TB1 80871	17.75 1.08 0.00	16.57 0.98 0.00	14.36 0.76 0.00	14.24 0.79 0.00	13.15 0.69 0.00	14.21 0.78 0.00	12.86 0.79 0.00	14.75 0.96 0.00	14.54 0.81 0.00	14.23 0.65 0.00	14.43 0.74 0.00	11.24 0.50 -1.43	12.97 0.78 0.00	15.18 0.91 0.00	15.43 1.05 0.00	18.24 1.33 0.15	19.51 1.63 0.00	23.90 1.98 -0.10	28.75 2.32 0.00	26.56 2.18 0.00	27.20 2.41 0.00	29.25 2.29 0.00	24.87 1.54 0.00	18.39 0.95 0.00
WHITEPLN_13_KV_LOAD 356215	17.46 0.78 0.00	16.26 0.67 0.00	14.17 0.57 0.00	14.05 0.60 0.00	13.00 0.54 0.00	13.95 0.52 0.00	12.52 0.45 0.00	14.30 0.51 0.00	14.32 0.58 0.00	14.19 0.60 0.00	14.38 0.68 0.00	14.66 0.49 -4.86	12.85 0.66 0.00	15.05 0.78 0.00	15.20 0.83 0.00	18.19 1.04 -0.10	18.99 1.11 0.00	23.30 1.40 -0.08	28.00 1.57 0.00	25.81 1.42 0.00	26.23 1.44 0.00	28.42 1.46 0.00	24.48 1.16 0.00	18.18 0.74 0.00
WM_FLOYD_69_KV_BK2 356380	19.25 1.39 -1.19	16.82 1.23 0.00	14.60 1.01 0.00	14.50 1.05 0.00	13.41 0.95 0.00	14.40 0.98 0.00	12.93 0.86 0.00	14.82 1.03 0.00	14.77 1.03 0.00	14.57 0.99 0.00	14.71 1.02 0.00	14.58 0.72 -4.56	13.16 0.97 0.00	15.40 1.12 -0.01	20.72 1.12 -5.23	34.52 1.42 -16.05	27.60 1.61 -8.12	24.33 2.10 -0.41	28.81 2.38 0.00	32.18 2.26 -5.54	32.07 2.19 -5.09	36.16 2.37 -6.83	34.74 1.87 -9.54	21.52 1.36 -2.73
WOODARD___115KV_TB2 355635	16.68 0.00 0.00	15.58 -0.01 0.00	13.59 0.00 0.00	13.42 -0.03 0.00	12.44 -0.02 0.00	13.42 0.00 0.00	12.07 0.00 0.00	13.78 -0.01 0.00	13.73 0.00 0.00	13.59 0.01 0.00	13.68 -0.01 0.00	9.28 -0.02 0.00	12.16 -0.03 0.00	14.22 -0.05 0.00	14.29 -0.09 0.00	16.94 -0.11 0.00	17.82 -0.06 0.00	21.78 -0.05 0.00	26.42 -0.02 0.00	24.37 -0.02 0.00	24.78 -0.01 0.00	26.89 -0.07 0.00	23.21 -0.11 0.00	17.39 -0.05 0.00
YORK___WARBASSE 23770	17.31 0.63 0.00	16.09 0.51 0.00	14.00 0.40 0.00	13.93 0.48 0.00	12.89 0.42 0.00	13.82 0.40 0.00	12.41 0.34 0.00	14.19 0.40 0.00	14.21 0.47 0.00	14.06 0.48 0.00	14.24 0.55 0.00	14.03 0.50 -4.24	12.84 0.65 0.00	15.03 0.75 0.00	15.16 0.78 0.00	18.16 1.00 -0.10	18.90 1.03 0.00	23.19 1.29 -0.08	27.81 1.37 0.00	25.63 1.24 -0.01	26.08 1.28 -0.01	28.04 1.34 0.27	24.40 1.08 0.00	18.10 0.66 0.00