

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/12/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	16.45	16.39	15.64	15.34	17.52	17.43	18.30	20.38	17.09	18.33	17.50	20.13	17.21	22.96	26.67	27.55	28.71	26.01	26.30	28.21	22.53	21.64	17.83	16.51
24138	0.60	0.70	1.09	0.90	1.19	1.23	1.35	1.62	1.47	1.66	1.64	1.68	1.68	1.79	1.69	2.32	2.84	2.56	2.50	2.65	2.07	1.96	1.61	1.45
	-8.72	-7.08	-0.05	-2.67	0.00	-0.28	0.00	0.00	0.00	0.00	0.00	-2.80	-0.31	-5.11	-9.98	-3.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29
74TH STREET_GT_1	16.45	16.39	15.64	15.34	17.52	17.43	18.30	20.36	17.06	18.29	17.47	20.09	17.17	22.91	26.63	27.48	28.63	25.94	26.23	28.14	22.49	21.62	17.81	16.50
24260	0.60	0.70	1.10	0.90	1.19	1.23	1.35	1.59	1.44	1.62	1.61	1.64	1.65	1.74	1.65	2.26	2.76	2.50	2.44	2.58	2.03	1.93	1.59	1.44
	-8.72	-7.08	-0.05	-2.68	0.00	-0.28	0.00	0.00	0.00	0.00	0.00	-2.80	-0.31	-5.11	-9.98	-3.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29
74TH STREET_GT_2	16.45	16.39	15.64	15.34	17.52	17.43	18.30	20.36	17.06	18.29	17.47	20.09	17.17	22.91	26.63	27.48	28.63	25.94	26.23	28.14	22.49	21.62	17.81	16.50
24261	0.60	0.70	1.10	0.90	1.19	1.23	1.35	1.59	1.44	1.62	1.61	1.64	1.65	1.74	1.65	2.26	2.76	2.50	2.44	2.58	2.03	1.93	1.59	1.44
	-8.72	-7.08	-0.05	-2.68	0.00	-0.28	0.00	0.00	0.00	0.00	0.00	-2.80	-0.31	-5.11	-9.98	-3.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29
ADK HUDSON___FALLS	19.24	18.50	14.99	15.78	16.81	16.81	17.46	19.34	16.05	17.00	16.16	15.67	15.49	15.98	14.41	21.98	26.75	24.29	24.70	26.64	21.33	20.51	16.87	15.71
24011	0.25	0.27	0.43	0.38	0.48	0.51	0.50	0.57	0.43	0.33	0.30	0.28	0.30	0.40	0.39	0.76	0.88	0.85	0.90	1.08	0.87	0.82	0.65	0.57
	-11.86	-9.62	-0.06	-3.64	0.00	-0.38	0.00	0.00	0.00	0.00	0.00	0.26	0.03	0.48	0.98	0.34	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.38
ADK RESOURCE___RCVRY	19.29	18.55	15.04	15.86	16.87	16.89	17.53	19.42	16.09	17.00	16.18	15.68	15.50	16.01	14.42	22.06	26.82	24.39	24.81	26.78	21.45	20.59	16.96	15.79
23798	0.29	0.31	0.48	0.45	0.54	0.58	0.58	0.65	0.47	0.33	0.32	0.29	0.32	0.44	0.42	0.85	0.96	0.94	1.01	1.22	0.99	0.91	0.74	0.64
	-11.87	-9.63	-0.06	-3.64	0.00	-0.38	0.00	0.00	0.00	0.00	0.00	0.27	0.03	0.49	0.99	0.35	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.38
ADK S GLENS___FALLS	19.24	18.50	14.99	15.78	16.81	16.81	17.46	19.34	16.05	17.00	16.16	15.67	15.49	15.98	14.41	21.98	26.75	24.29	24.70	26.64	21.33	20.51	16.87	15.71
24028	0.25	0.27	0.43	0.38	0.48	0.51	0.50	0.57	0.43	0.33	0.30	0.28	0.30	0.40	0.39	0.76	0.88	0.85	0.90	1.08	0.87	0.82	0.65	0.57
	-11.86	-9.62	-0.06	-3.64	0.00	-0.38	0.00	0.00	0.00	0.00	0.00	0.26	0.03	0.48	0.98	0.34	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.38
ADK_NYS___DAM	18.86	18.30	15.35	15.92	17.21	17.09	17.65	19.60	16.31	17.25	16.35	16.10	15.66	16.60	15.38	22.42	26.81	24.19	24.55	26.46	21.20	20.57	16.95	15.82
23527	0.37	0.47	0.79	0.67	0.88	0.80	0.69	0.82	0.69	0.58	0.49	0.45	0.45	0.54	0.48	0.87	0.94	0.74	0.75	0.90	0.75	0.88	0.73	0.68
	-11.36	-9.23	-0.06	-3.49	0.00	-0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.36
AIR_PRODUCTS___DRP	18.62	17.97	14.76	15.44	16.57	16.48	17.06	18.93	15.77	16.78	15.97	15.48	15.31	15.67	14.10	21.45	26.17	23.72	24.05	25.88	20.72	19.94	16.45	15.38
24190	0.11	0.13	0.20	0.18	0.24	0.19	0.11	0.15	0.15	0.10	0.11	0.12	0.13	0.15	0.19	0.27	0.30	0.27	0.25	0.32	0.26	0.26	0.23	0.24
	-11.38	-9.24	-0.06	-3.49	0.00	-0.36	0.00	0.00	0.00	0.00	0.00	0.29	0.03	0.54	1.08	0.38	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.36
AKWESSNE_115KV_BK	-3.27	-10.08	14.19	5.10	15.93	15.58	16.57	18.38	15.24	16.30	15.49	15.27	14.83	15.62	14.60	21.05	25.23	22.89	23.21	24.91	19.92	19.14	15.80	14.38
355683	-0.17	-0.21	-0.31	-0.31	-0.39	-0.34	-0.39	-0.39	-0.37	-0.38	-0.36	-0.38	-0.38	-0.43	-0.39	-0.51	-0.64	-0.56	-0.59	-0.65	-0.53	-0.54	-0.42	-0.40
	10.23	18.48	0.00	6.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	18.62	17.97	14.76	15.44	16.57	16.48	17.06	18.93	15.77	16.78	15.97	15.48	15.31	15.67	14.10	21.45	26.17	23.72	24.05	25.88	20.72	19.94	16.45	15.38
23571	0.11	0.13	0.20	0.18	0.24	0.19	0.11	0.15	0.15	0.10	0.11	0.12	0.13	0.15	0.19	0.27	0.30	0.27	0.25	0.32	0.26	0.26	0.23	0.24
	-11.38	-9.24	-0.06	-3.49	0.00	-0.36	0.00	0.00	0.00	0.00	0.00	0.29	0.03	0.54	1.08	0.38	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.36
ALBANY___2	18.62	17.97	14.76	15.44	16.57	16.48	17.06	18.93	15.77	16.78	15.97	15.48	15.31	15.67	14.10	21.45	26.17	23.72	24.05	25.88	20.72	19.94	16.45	15.38
23572	0.11	0.13	0.20	0.18	0.24	0.19	0.11	0.15	0.15	0.10	0.11	0.12	0.13	0.15	0.19	0.27	0.30	0.27	0.25	0.32	0.26	0.26	0.23	0.24
	-11.38	-9.24	-0.06	-3.49	0.00	-0.36	0.00	0.00	0.00	0.00	0.00	0.29	0.03	0.54	1.08	0.38	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.36
ALBANY___3	18.62	17.97	14.76	15.44	16.57	16.48	17.06	18.93	15.77	16.78	15.97	15.48	15.31	15.67	14.10	21.45	26.17	23.72	24.05	25.88	20.72	19.94	16.45	15.38
23573	0.11	0.13	0.20	0.18	0.24	0.19	0.11	0.15	0.15	0.10	0.11	0.12	0.13	0.15	0.19	0.27	0.30	0.27	0.25	0.32	0.26	0.26	0.23	0.24
	-11.38	-9.24	-0.06	-3.49	0.00	-0.36	0.00	0.00	0.00	0.00	0.00	0.29	0.03	0.54	1.08	0.38	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.36

ALBANY___4 23574	18.62 0.11 -11.38	17.97 0.13 -9.24	14.76 0.20 -0.06	15.44 0.18 -3.49	16.57 0.24 0.00	16.48 0.19 -0.36	17.06 0.11 0.00	18.93 0.15 0.00	15.77 0.15 0.00	16.78 0.10 0.00	15.97 0.11 0.00	15.48 0.12 0.29	15.31 0.13 0.03	15.67 0.15 0.54	14.10 0.19 1.08	21.45 0.27 0.38	26.17 0.30 0.00	23.72 0.27 0.00	24.05 0.25 0.00	25.88 0.32 0.00	20.72 0.26 0.00	19.94 0.26 -0.01	16.45 0.23 0.00	15.38 0.24 -0.36
ALBANY___LFGE 323615	18.80 0.18 -11.49	18.14 0.21 -9.33	14.90 0.34 -0.06	15.59 0.30 -3.53	16.72 0.40 0.00	16.63 0.34 -0.37	17.23 0.28 0.00	19.11 0.34 0.00	15.92 0.31 0.00	16.94 0.27 0.00	16.13 0.27 0.00	15.66 0.28 0.27	15.47 0.28 0.03	15.89 0.33 0.50	14.32 0.34 1.02	21.71 0.51 0.36	26.46 0.59 0.00	23.98 0.54 0.00	24.32 0.52 0.00	26.16 0.60 0.00	20.94 0.48 0.00	20.16 0.47 -0.01	16.61 0.39 0.00	15.52 0.39 -0.36
ALCOA_PA_115KV_PL-6C 55860	-2.76 -0.15 9.75	-9.19 -0.20 17.60	14.34 -0.33 -0.17	6.47 -0.31 4.98	15.95 -0.38 0.00	15.58 -0.34 0.00	16.57 -0.39 0.00	18.37 -0.40 0.00	15.23 -0.39 0.00	16.28 -0.39 0.00	15.48 -0.38 0.00	15.23 -0.42 0.00	14.79 -0.42 0.00	15.59 -0.47 0.00	14.59 -0.40 0.00	21.05 -0.51 0.00	25.23 -0.63 0.00	22.90 -0.55 0.00	23.23 -0.57 0.00	24.95 -0.62 0.00	19.95 -0.51 0.00	19.16 -0.52 0.00	15.81 -0.41 0.00	14.39 -0.38 0.00
ALCOA_RYNLDS___DRP 24188	-2.76 -0.15 9.75	-9.19 -0.20 17.60	14.34 -0.33 -0.17	6.47 -0.31 4.98	15.95 -0.38 0.00	15.58 -0.34 0.00	16.57 -0.39 0.00	18.37 -0.40 0.00	15.23 -0.39 0.00	16.28 -0.39 0.00	15.48 -0.38 0.00	15.23 -0.42 0.00	14.79 -0.42 0.00	15.59 -0.47 0.00	14.59 -0.40 0.00	21.05 -0.51 0.00	25.23 -0.63 0.00	22.90 -0.55 0.00	23.23 -0.57 0.00	24.95 -0.62 0.00	19.95 -0.51 0.00	19.16 -0.52 0.00	15.81 -0.41 0.00	14.39 -0.38 0.00
ALCOA___DSASP 323711	-2.76 -0.15 9.75	-9.20 -0.20 17.60	14.34 -0.34 -0.17	6.46 -0.32 4.98	15.95 -0.38 0.00	15.58 -0.34 0.00	16.57 -0.39 0.00	18.37 -0.40 0.00	15.23 -0.39 0.00	16.28 -0.39 0.00	15.48 -0.38 0.00	15.23 -0.42 0.00	14.79 -0.42 0.00	15.58 -0.47 0.00	14.60 -0.40 0.00	21.05 -0.51 0.00	25.23 -0.63 0.00	22.90 -0.54 0.00	23.23 -0.57 0.00	24.95 -0.62 0.00	19.95 -0.51 0.00	19.16 -0.52 0.00	15.81 -0.41 0.00	14.39 -0.38 0.00
ALLEGHENY___COGEN 23514	8.73 0.16 -1.44	9.95 0.18 -1.17	14.81 0.30 -0.01	12.57 0.36 -0.44	16.69 0.36 0.00	16.40 0.44 -0.05	17.71 0.76 0.00	19.25 0.47 0.00	15.82 0.20 0.00	16.83 0.15 0.00	15.91 0.06 0.00	15.77 0.12 0.00	15.32 0.11 0.00	16.14 0.08 0.00	14.97 -0.02 0.00	21.40 -0.15 0.00	25.72 -0.14 0.00	23.24 -0.20 0.00	23.89 0.09 0.00	25.95 0.38 0.00	21.09 0.64 0.00	20.42 0.74 0.00	16.67 0.46 0.00	15.11 0.27 -0.07
ALTAMONT_115KV_TB 2 55880	19.16 0.30 -11.73	18.48 0.36 -9.52	15.14 0.57 -0.06	15.85 0.49 -3.60	16.98 0.65 0.00	16.92 0.62 -0.37	17.59 0.63 0.00	19.50 0.73 0.00	16.21 0.59 0.00	17.22 0.54 0.00	16.36 0.50 0.00	15.80 0.50 0.35	15.68 0.51 0.04	15.98 0.57 0.65	14.25 0.54 1.29	21.95 0.86 0.46	26.92 1.05 0.00	24.46 1.01 0.00	24.86 1.06 0.00	26.76 1.20 0.00	21.44 0.98 0.00	20.63 0.95 -0.01	16.96 0.74 0.00	15.80 0.66 -0.37
ALTONA_WT_PWR 323606	-3.18 -0.27 10.05	-10.01 -0.47 18.15	10.85 -0.80 2.85	-12.76 -0.71 23.82	15.67 -0.65 0.00	15.38 -0.54 0.00	16.52 -0.44 0.00	18.60 -0.17 0.00	15.31 -0.30 0.00	16.27 -0.40 0.00	15.49 -0.37 0.00	15.28 -0.38 0.00	14.82 -0.39 0.00	15.50 -0.55 0.00	14.27 -0.72 0.00	20.60 -0.96 0.00	24.88 -0.99 0.00	22.70 -0.75 0.00	23.14 -0.66 0.00	25.12 -0.44 0.00	19.99 -0.47 0.00	19.03 -0.65 0.00	15.61 -0.61 0.00	14.10 -0.67 0.00
AMERICAN_REF_FUEL 24010	8.10 -0.34 -1.31	9.25 -0.42 -1.06	13.79 -0.72 -0.01	11.72 -0.45 -0.40	15.61 -0.72 0.00	15.15 -0.81 -0.04	16.34 -0.61 0.00	17.57 -1.20 0.00	14.70 -0.92 0.00	15.70 -0.97 0.00	14.88 -0.98 0.00	14.79 -0.86 0.00	14.36 -0.85 0.00	15.03 -1.02 0.00	13.93 -1.05 0.00	19.93 -1.63 0.00	23.82 -2.05 0.00	21.39 -2.06 0.00	21.77 -2.03 0.00	23.41 -2.15 0.00	18.94 -1.52 0.00	18.34 -1.34 0.00	15.07 -1.14 0.00	13.60 -1.17 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	8.70 0.15 -1.42	9.95 0.18 -1.15	14.86 0.36 -0.01	12.65 0.45 -0.44	16.86 0.54 0.00	16.43 0.46 -0.05	17.82 0.87 0.00	19.37 0.60 0.00	16.13 0.51 0.00	17.26 0.59 0.00	16.37 0.51 0.00	16.23 0.57 0.00	15.47 0.26 0.00	16.20 0.15 0.00	15.00 0.01 0.00	21.45 -0.11 0.00	25.64 -0.22 0.00	23.04 -0.40 0.00	23.43 -0.37 0.00	25.16 -0.40 0.00	20.26 -0.20 0.00	19.59 -0.09 0.00	16.10 -0.12 0.00	14.51 -0.28 -0.01
ARTHUR_KILL_GT_1 23520	16.41 0.56 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.27 0.83 -2.68	17.42 1.09 0.00	17.32 1.12 -0.28	18.18 1.23 0.00	20.20 1.43 0.00	16.89 1.27 0.00	18.15 1.48 0.00	17.35 1.49 0.00	19.97 1.52 -2.80	17.06 1.53 -0.31	22.84 1.67 -5.11	26.56 1.58 -9.98	27.33 2.10 -3.67	28.52 2.65 0.00	25.91 2.46 0.00	26.14 2.34 0.00	28.06 2.50 0.00	22.47 2.00 0.00	21.60 1.92 -0.01	17.77 1.55 0.00	16.43 1.37 -0.29
ARTHUR_KILL_2 23512	16.39 0.54 -8.72	16.31 0.63 -7.08	15.51 0.96 -0.05	15.24 0.80 -2.68	17.39 1.06 0.00	17.28 1.08 -0.28	18.14 1.19 0.00	20.15 1.38 0.00	16.85 1.23 0.00	18.11 1.44 0.00	17.31 1.46 0.00	19.94 1.48 -2.80	17.01 1.49 -0.31	22.80 1.64 -5.11	26.52 1.54 -9.98	27.27 2.05 -3.67	28.44 2.58 0.00	25.84 2.39 0.00	26.07 2.27 0.00	27.98 2.42 0.00	22.40 1.94 0.00	21.54 1.85 -0.01	17.72 1.50 0.00	16.38 1.32 -0.29
ARTHUR_KILL_3 23513	16.36 0.51 -8.72	16.29 0.60 -7.08	15.46 0.92 -0.05	15.20 0.76 -2.68	17.33 1.00 0.00	17.23 1.03 -0.28	18.07 1.12 0.00	20.11 1.33 0.00	16.84 1.22 0.00	18.04 1.37 0.00	17.24 1.38 0.00	19.86 1.41 -2.80	16.94 1.42 -0.31	22.67 1.50 -5.11	26.41 1.43 -9.98	27.16 1.93 -3.67	28.26 2.39 0.00	25.61 2.16 0.00	25.91 2.11 0.00	27.79 2.23 0.00	22.21 1.75 0.00	21.35 1.67 0.00	17.60 1.38 0.00	16.33 1.27 -0.29
ARTHUR_KILL_COGEN 323718	16.41 0.56 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.27 0.83 -2.68	17.42 1.09 0.00	17.32 1.12 -0.28	18.18 1.23 0.00	20.20 1.43 0.00	16.89 1.27 0.00	18.15 1.48 0.00	17.35 1.49 0.00	19.97 1.52 -2.80	17.06 1.53 -0.31	22.84 1.67 -5.11	26.56 1.58 -9.98	27.33 2.10 -3.67	28.52 2.65 0.00	25.91 2.46 0.00	26.14 2.34 0.00	28.06 2.50 0.00	22.47 2.00 0.00	21.60 1.92 -0.01	17.77 1.55 0.00	16.43 1.37 -0.29
ASHOKAN____ 23654	17.23 0.34 -9.76	16.92 0.39 -7.93	15.26 0.71 -0.05	15.30 0.54 -3.00	17.13 0.81 0.00	17.01 0.77 -0.31	17.75 0.79 0.00	19.73 0.96 0.00	16.44 0.82 0.00	17.49 0.82 0.00	16.63 0.77 0.00	17.52 0.87 -1.00	16.15 0.83 -0.11	18.86 0.98 -1.83	19.59 1.06 -3.54	24.20 1.33 -1.31	27.36 1.49 0.00	24.97 1.52 0.00	25.35 1.55 0.00	27.27 1.71 0.00	21.83 1.37 0.00	20.96 1.28 0.00	17.20 0.99 0.00	15.94 0.85 -0.32

ASTORIA_EAST_ENERGY_CC1 323581	16.40 0.55 -8.72	16.34 0.65 -7.08	15.52 0.98 -0.05	15.25 0.81 -2.68	17.36 1.03 0.00	17.32 1.13 -0.28	18.21 1.26 0.00	20.24 1.48 0.00	16.96 1.34 0.00	18.19 1.51 0.00	17.36 1.50 0.00	19.95 1.50 -2.80	17.04 1.51 -0.31	22.77 1.60 -5.11	26.50 1.52 -9.98	27.27 2.04 -3.67	28.40 2.54 0.00	25.75 2.30 0.00	26.00 2.20 0.00	27.96 2.40 0.00	22.34 1.88 0.00	21.49 1.80 0.00	17.72 1.51 0.00	16.42 1.36 -0.29
ASTORIA_EAST_ENERGY_CC2 323582	16.40 0.55 -8.72	16.34 0.65 -7.08	15.52 0.98 -0.05	15.25 0.81 -2.68	17.35 1.03 0.00	17.32 1.13 -0.28	18.21 1.26 0.00	20.24 1.48 0.00	16.96 1.34 0.00	18.19 1.51 0.00	17.36 1.50 0.00	19.95 1.50 -2.80	17.04 1.51 -0.31	22.77 1.60 -5.11	26.50 1.52 -9.98	27.27 2.04 -3.67	28.40 2.54 0.00	25.75 2.30 0.00	26.00 2.20 0.00	27.96 2.40 0.00	22.34 1.88 0.00	21.49 1.80 0.00	17.72 1.50 0.00	16.42 1.36 -0.29
ASTORIA_GT2_1 24094	16.40 0.55 -8.72	16.34 0.65 -7.08	15.53 0.99 -0.05	15.25 0.81 -2.68	17.36 1.04 0.00	17.34 1.14 -0.28	18.22 1.27 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.20 1.52 0.00	17.37 1.51 0.00	19.96 1.51 -2.80	17.04 1.52 -0.31	22.78 1.61 -5.11	26.51 1.53 -9.98	27.28 2.05 -3.67	28.41 2.55 0.00	25.76 2.31 0.00	26.02 2.22 0.00	27.97 2.41 0.00	22.35 1.90 0.00	21.49 1.81 0.00	17.73 1.52 0.00	16.43 1.37 -0.29
ASTORIA_GT2_2 24095	16.40 0.55 -8.72	16.34 0.65 -7.08	15.53 0.99 -0.05	15.25 0.81 -2.68	17.36 1.04 0.00	17.34 1.14 -0.28	18.22 1.27 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.20 1.52 0.00	17.37 1.51 0.00	19.96 1.51 -2.80	17.04 1.52 -0.31	22.78 1.61 -5.11	26.51 1.53 -9.98	27.28 2.05 -3.67	28.41 2.55 0.00	25.76 2.31 0.00	26.02 2.22 0.00	27.97 2.41 0.00	22.35 1.90 0.00	21.49 1.81 0.00	17.73 1.52 0.00	16.43 1.37 -0.29
ASTORIA_GT2_3 24096	16.40 0.55 -8.72	16.34 0.65 -7.08	15.53 0.99 -0.05	15.25 0.81 -2.68	17.36 1.04 0.00	17.34 1.14 -0.28	18.22 1.27 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.20 1.52 0.00	17.37 1.51 0.00	19.96 1.51 -2.80	17.04 1.52 -0.31	22.78 1.61 -5.11	26.51 1.53 -9.98	27.28 2.05 -3.67	28.41 2.55 0.00	25.76 2.31 0.00	26.02 2.22 0.00	27.97 2.41 0.00	22.35 1.90 0.00	21.49 1.81 0.00	17.73 1.52 0.00	16.43 1.37 -0.29
ASTORIA_GT2_4 24097	16.40 0.55 -8.72	16.34 0.65 -7.08	15.53 0.99 -0.05	15.25 0.81 -2.68	17.36 1.04 0.00	17.34 1.14 -0.28	18.22 1.27 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.20 1.52 0.00	17.37 1.51 0.00	19.96 1.51 -2.80	17.04 1.52 -0.31	22.78 1.61 -5.11	26.51 1.53 -9.98	27.28 2.05 -3.67	28.41 2.55 0.00	25.76 2.31 0.00	26.02 2.22 0.00	27.97 2.41 0.00	22.35 1.90 0.00	21.49 1.81 0.00	17.73 1.52 0.00	16.43 1.37 -0.29
ASTORIA_GT3_1 24098	16.40 0.55 -8.72	16.34 0.65 -7.08	15.53 0.99 -0.05	15.25 0.81 -2.68	17.36 1.04 0.00	17.34 1.14 -0.28	18.22 1.27 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.20 1.52 0.00	17.37 1.51 0.00	19.96 1.51 -2.80	17.04 1.52 -0.31	22.78 1.61 -5.11	26.51 1.53 -9.98	27.28 2.05 -3.67	28.41 2.55 0.00	25.76 2.31 0.00	26.02 2.22 0.00	27.97 2.41 0.00	22.35 1.90 0.00	21.49 1.81 0.00	17.73 1.52 0.00	16.43 1.37 -0.29
ASTORIA_GT3_2 24099	16.40 0.55 -8.72	16.34 0.65 -7.08	15.53 0.99 -0.05	15.25 0.81 -2.68	17.36 1.04 0.00	17.34 1.14 -0.28	18.22 1.27 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.20 1.52 0.00	17.37 1.51 0.00	19.96 1.51 -2.80	17.04 1.52 -0.31	22.78 1.61 -5.11	26.51 1.53 -9.98	27.28 2.05 -3.67	28.41 2.55 0.00	25.76 2.31 0.00	26.02 2.22 0.00	27.97 2.41 0.00	22.35 1.90 0.00	21.49 1.81 0.00	17.73 1.52 0.00	16.43 1.37 -0.29
ASTORIA_GT3_3 24100	16.40 0.55 -8.72	16.34 0.65 -7.08	15.53 0.99 -0.05	15.25 0.81 -2.68	17.36 1.04 0.00	17.34 1.14 -0.28	18.22 1.27 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.20 1.52 0.00	17.37 1.51 0.00	19.96 1.51 -2.80	17.04 1.52 -0.31	22.78 1.61 -5.11	26.51 1.53 -9.98	27.28 2.05 -3.67	28.41 2.55 0.00	25.76 2.31 0.00	26.02 2.22 0.00	27.97 2.41 0.00	22.35 1.90 0.00	21.49 1.81 0.00	17.73 1.52 0.00	16.43 1.37 -0.29
ASTORIA_GT3_4 24101	16.40 0.55 -8.72	16.34 0.65 -7.08	15.53 0.99 -0.05	15.25 0.81 -2.68	17.36 1.04 0.00	17.34 1.14 -0.28	18.22 1.27 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.20 1.52 0.00	17.37 1.51 0.00	19.96 1.51 -2.80	17.04 1.52 -0.31	22.78 1.61 -5.11	26.51 1.53 -9.98	27.28 2.05 -3.67	28.41 2.55 0.00	25.76 2.31 0.00	26.02 2.22 0.00	27.97 2.41 0.00	22.35 1.90 0.00	21.49 1.81 0.00	17.73 1.52 0.00	16.43 1.37 -0.29
ASTORIA_GT4_1 24102	16.40 0.55 -8.72	16.34 0.65 -7.08	15.53 0.99 -0.05	15.25 0.81 -2.68	17.36 1.04 0.00	17.34 1.14 -0.28	18.22 1.27 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.20 1.52 0.00	17.37 1.51 0.00	19.96 1.51 -2.80	17.04 1.52 -0.31	22.78 1.61 -5.11	26.51 1.53 -9.98	27.28 2.05 -3.67	28.41 2.55 0.00	25.76 2.31 0.00	26.02 2.22 0.00	27.97 2.41 0.00	22.35 1.90 0.00	21.49 1.81 0.00	17.73 1.52 0.00	16.43 1.37 -0.29
ASTORIA_GT4_2 24103	16.40 0.55 -8.72	16.34 0.65 -7.08	15.53 0.99 -0.05	15.25 0.81 -2.68	17.36 1.04 0.00	17.34 1.14 -0.28	18.22 1.27 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.20 1.52 0.00	17.37 1.51 0.00	19.96 1.51 -2.80	17.04 1.52 -0.31	22.78 1.61 -5.11	26.51 1.53 -9.98	27.28 2.05 -3.67	28.41 2.55 0.00	25.76 2.31 0.00	26.02 2.22 0.00	27.97 2.41 0.00	22.35 1.90 0.00	21.49 1.81 0.00	17.73 1.52 0.00	16.43 1.37 -0.29
ASTORIA_GT4_3 24104	16.40 0.55 -8.72	16.34 0.65 -7.08	15.53 0.99 -0.05	15.25 0.81 -2.68	17.36 1.04 0.00	17.34 1.14 -0.28	18.22 1.27 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.20 1.52 0.00	17.37 1.51 0.00	19.96 1.51 -2.80	17.04 1.52 -0.31	22.78 1.61 -5.11	26.51 1.53 -9.98	27.28 2.05 -3.67	28.41 2.55 0.00	25.76 2.31 0.00	26.02 2.22 0.00	27.97 2.41 0.00	22.35 1.90 0.00	21.49 1.81 0.00	17.73 1.52 0.00	16.43 1.37 -0.29
ASTORIA_GT4_4 24105	16.40 0.55 -8.72	16.34 0.65 -7.08	15.53 0.99 -0.05	15.25 0.81 -2.68	17.36 1.04 0.00	17.34 1.14 -0.28	18.22 1.27 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.20 1.52 0.00	17.37 1.51 0.00	19.96 1.51 -2.80	17.04 1.52 -0.31	22.78 1.61 -5.11	26.51 1.53 -9.98	27.28 2.05 -3.67	28.41 2.55 0.00	25.76 2.31 0.00	26.02 2.22 0.00	27.97 2.41 0.00	22.35 1.90 0.00	21.49 1.81 0.00	17.73 1.52 0.00	16.43 1.37 -0.29
ASTORIA_GT_1 23523	16.42 0.57 -8.72	16.36 0.67 -7.08	15.55 1.01 -0.05	15.28 0.83 -2.68	17.39 1.06 0.00	17.36 1.16 -0.28	18.26 1.30 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.23 1.56 0.00	17.41 1.55 0.00	20.00 1.54 -2.80	17.08 1.56 -0.31	22.82 1.65 -5.11	26.55 1.57 -9.98	27.33 2.11 -3.67	28.48 2.61 0.00	25.82 2.37 0.00	26.07 2.27 0.00	28.03 2.47 0.00	22.41 1.95 0.00	21.55 1.86 0.00	17.77 1.55 0.00	16.46 1.40 -0.29

ASTORIA_GT_10 24110	16.41 0.56 -8.72	16.35 0.66 -7.08	15.56 1.01 -0.05	15.28 0.84 -2.68	17.41 1.09 0.00	17.33 1.13 -0.28	18.19 1.24 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.19 1.52 0.00	17.37 1.51 0.00	19.98 1.53 -2.80	17.07 1.55 -0.31	22.81 1.64 -5.11	26.53 1.55 -9.98	27.32 2.10 -3.67	28.45 2.59 0.00	25.80 2.36 0.00	26.07 2.27 0.00	27.98 2.42 0.00	22.36 1.90 0.00	21.48 1.80 0.00	17.70 1.49 0.00	16.42 1.35 -0.29
ASTORIA_GT_11 24225	16.41 0.56 -8.72	16.35 0.66 -7.08	15.56 1.01 -0.05	15.28 0.84 -2.68	17.41 1.09 0.00	17.33 1.13 -0.28	18.19 1.24 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.19 1.52 0.00	17.37 1.51 0.00	19.98 1.53 -2.80	17.07 1.55 -0.31	22.81 1.64 -5.11	26.53 1.55 -9.98	27.32 2.10 -3.67	28.45 2.59 0.00	25.80 2.36 0.00	26.07 2.27 0.00	27.98 2.42 0.00	22.36 1.90 0.00	21.48 1.80 0.00	17.70 1.49 0.00	16.42 1.35 -0.29
ASTORIA_GT_12 24226	16.41 0.56 -8.72	16.35 0.66 -7.08	15.56 1.01 -0.05	15.28 0.84 -2.68	17.41 1.09 0.00	17.33 1.13 -0.28	18.19 1.24 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.19 1.52 0.00	17.37 1.51 0.00	19.98 1.53 -2.80	17.07 1.55 -0.31	22.81 1.64 -5.11	26.53 1.55 -9.98	27.32 2.10 -3.67	28.45 2.59 0.00	25.80 2.36 0.00	26.07 2.27 0.00	27.98 2.42 0.00	22.36 1.90 0.00	21.48 1.80 0.00	17.70 1.49 0.00	16.42 1.35 -0.29
ASTORIA_GT_13 24227	16.41 0.56 -8.72	16.35 0.66 -7.08	15.56 1.01 -0.05	15.28 0.84 -2.68	17.41 1.09 0.00	17.33 1.13 -0.28	18.19 1.24 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.19 1.52 0.00	17.37 1.51 0.00	19.98 1.53 -2.80	17.07 1.55 -0.31	22.81 1.64 -5.11	26.53 1.55 -9.98	27.32 2.10 -3.67	28.45 2.59 0.00	25.80 2.36 0.00	26.07 2.27 0.00	27.98 2.42 0.00	22.36 1.90 0.00	21.48 1.80 0.00	17.70 1.49 0.00	16.42 1.35 -0.29
ASTORIA_GT_5 24106	16.42 0.57 -8.72	16.36 0.67 -7.08	15.55 1.01 -0.05	15.28 0.83 -2.68	17.39 1.06 0.00	17.36 1.16 -0.28	18.26 1.30 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.23 1.56 0.00	17.41 1.55 0.00	20.00 1.54 -2.80	17.08 1.56 -0.31	22.82 1.65 -5.11	26.55 1.57 -9.98	27.33 2.11 -3.67	28.48 2.61 0.00	25.82 2.37 0.00	26.07 2.27 0.00	28.03 2.47 0.00	22.41 1.95 0.00	21.55 1.86 0.00	17.77 1.55 0.00	16.46 1.40 -0.29
ASTORIA_GT_7 24107	16.42 0.57 -8.72	16.36 0.67 -7.08	15.55 1.01 -0.05	15.28 0.83 -2.68	17.39 1.06 0.00	17.36 1.16 -0.28	18.26 1.30 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.23 1.56 0.00	17.41 1.55 0.00	20.00 1.54 -2.80	17.08 1.56 -0.31	22.82 1.65 -5.11	26.55 1.57 -9.98	27.33 2.11 -3.67	28.48 2.61 0.00	25.82 2.37 0.00	26.07 2.27 0.00	28.03 2.47 0.00	22.41 1.95 0.00	21.55 1.86 0.00	17.77 1.55 0.00	16.46 1.40 -0.29
ASTORIA_GT_8 24108	16.42 0.57 -8.72	16.36 0.67 -7.08	15.55 1.01 -0.05	15.28 0.83 -2.68	17.39 1.06 0.00	17.36 1.16 -0.28	18.26 1.30 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.23 1.56 0.00	17.41 1.55 0.00	20.00 1.54 -2.80	17.08 1.56 -0.31	22.82 1.65 -5.11	26.55 1.57 -9.98	27.33 2.11 -3.67	28.48 2.61 0.00	25.82 2.37 0.00	26.07 2.27 0.00	28.03 2.47 0.00	22.41 1.95 0.00	21.55 1.86 0.00	17.77 1.55 0.00	16.46 1.40 -0.29
ASTORIA___2 24149	16.40 0.55 -8.72	16.34 0.65 -7.08	15.53 0.99 -0.05	15.25 0.81 -2.68	17.36 1.04 0.00	17.34 1.14 -0.28	18.22 1.27 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.20 1.52 0.00	17.37 1.51 0.00	19.96 1.51 -2.80	17.04 1.52 -0.31	22.78 1.61 -5.11	26.51 1.53 -9.98	27.28 2.05 -3.67	28.41 2.55 0.00	25.76 2.31 0.00	26.02 2.22 0.00	27.97 2.41 0.00	22.35 1.90 0.00	21.49 1.81 0.00	17.73 1.52 0.00	16.43 1.37 -0.29
ASTORIA___3 23516	16.41 0.56 -8.72	16.35 0.66 -7.08	15.56 1.01 -0.05	15.28 0.84 -2.68	17.41 1.09 0.00	17.33 1.13 -0.28	18.19 1.24 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.19 1.52 0.00	17.37 1.51 0.00	19.98 1.53 -2.80	17.07 1.55 -0.31	22.81 1.64 -5.11	26.53 1.55 -9.98	27.32 2.10 -3.67	28.45 2.59 0.00	25.80 2.36 0.00	26.07 2.27 0.00	27.98 2.42 0.00	22.36 1.90 0.00	21.48 1.80 0.00	17.70 1.49 0.00	16.42 1.35 -0.29
ASTORIA___4 23517	16.41 0.56 -8.72	16.34 0.66 -7.08	15.56 1.02 -0.05	15.27 0.83 -2.68	17.41 1.09 0.00	17.33 1.13 -0.28	18.19 1.24 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.19 1.52 0.00	17.37 1.51 0.00	19.99 1.54 -2.80	17.07 1.55 -0.31	22.82 1.66 -5.11	26.53 1.56 -9.98	27.32 2.10 -3.67	28.45 2.59 0.00	25.80 2.35 0.00	26.07 2.27 0.00	27.98 2.42 0.00	22.35 1.90 0.00	21.48 1.80 0.00	17.70 1.48 0.00	16.41 1.35 -0.29
ASTORIA___5 23518	16.41 0.56 -8.72	16.35 0.66 -7.08	15.56 1.01 -0.05	15.28 0.84 -2.68	17.41 1.09 0.00	17.33 1.13 -0.28	18.19 1.24 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.19 1.52 0.00	17.37 1.51 0.00	19.98 1.53 -2.80	17.07 1.55 -0.31	22.81 1.64 -5.11	26.53 1.55 -9.98	27.32 2.10 -3.67	28.45 2.59 0.00	25.80 2.36 0.00	26.07 2.27 0.00	27.98 2.42 0.00	22.36 1.90 0.00	21.48 1.80 0.00	17.70 1.49 0.00	16.42 1.35 -0.29
AST_ENERGY_2_CC3 323677	16.40 0.54 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.26 0.82 -2.68	17.40 1.08 0.00	17.30 1.10 -0.28	18.14 1.19 0.00	20.18 1.41 0.00	16.90 1.28 0.00	18.12 1.45 0.00	17.30 1.44 0.00	19.93 1.47 -2.80	17.01 1.49 -0.31	22.74 1.57 -5.11	26.47 1.49 -9.98	27.25 2.02 -3.67	28.35 2.49 0.00	25.70 2.26 0.00	25.99 2.19 0.00	27.88 2.33 0.00	22.29 1.83 0.00	21.43 1.74 0.00	17.66 1.44 0.00	16.38 1.31 -0.29
AST_ENERGY_2_CC4 323678	16.40 0.54 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.26 0.82 -2.68	17.40 1.08 0.00	17.30 1.10 -0.28	18.14 1.19 0.00	20.18 1.41 0.00	16.90 1.28 0.00	18.12 1.45 0.00	17.30 1.44 0.00	19.93 1.47 -2.80	17.01 1.49 -0.31	22.74 1.57 -5.11	26.47 1.49 -9.98	27.25 2.02 -3.67	28.35 2.49 0.00	25.70 2.26 0.00	25.99 2.19 0.00	27.88 2.33 0.00	22.29 1.83 0.00	21.43 1.74 0.00	17.66 1.44 0.00	16.38 1.31 -0.29
ATHENS_STG_1 23668	17.47 0.28 -10.06	17.12 0.35 -8.17	15.10 0.55 -0.05	15.31 0.46 -3.09	16.93 0.61 0.00	16.82 0.58 -0.32	17.54 0.59 0.00	19.45 0.68 0.00	16.23 0.61 0.00	17.29 0.62 0.00	16.45 0.59 0.00	15.12 0.60 1.13	15.68 0.60 0.12	14.65 0.66 2.06	11.64 0.63 3.99	20.96 0.88 1.48	26.92 1.06 0.00	24.41 0.97 0.00	24.74 0.95 0.00	26.59 1.03 0.00	21.28 0.82 0.00	20.49 0.80 0.00	16.88 0.66 0.00	15.71 0.61 -0.33
ATHENS_STG_2 23670	17.47 0.28 -10.06	17.12 0.35 -8.17	15.10 0.55 -0.05	15.31 0.46 -3.09	16.93 0.61 0.00	16.82 0.58 -0.32	17.54 0.59 0.00	19.45 0.68 0.00	16.23 0.61 0.00	17.29 0.62 0.00	16.45 0.59 0.00	15.12 0.60 1.13	15.68 0.60 0.12	14.65 0.66 2.06	11.64 0.63 3.99	20.96 0.88 1.48	26.92 1.06 0.00	24.41 0.97 0.00	24.74 0.95 0.00	26.59 1.03 0.00	21.28 0.82 0.00	20.49 0.80 0.00	16.88 0.66 0.00	15.71 0.61 -0.33

ATHENS_STG_3 23677	17.47 0.28 -10.06	17.12 0.35 -8.17	15.10 0.55 -0.05	15.31 0.46 -3.09	16.93 0.61 0.00	16.82 0.58 -0.32	17.54 0.59 0.00	19.45 0.68 0.00	16.23 0.61 0.00	17.29 0.62 0.00	16.45 0.59 0.00	15.12 0.60 1.13	15.68 0.60 0.12	14.65 0.66 2.06	11.64 0.63 3.99	20.96 0.88 1.48	26.92 1.06 0.00	24.41 0.97 0.00	24.74 0.95 0.00	26.59 1.03 0.00	21.28 0.82 0.00	20.49 0.80 0.00	16.88 0.66 0.00	15.71 0.61 -0.33
AUBURN___LFG 323710	8.34 0.08 -1.13	9.60 0.07 -0.92	14.61 0.11 -0.01	12.20 0.09 -0.34	16.45 0.12 0.00	16.18 0.22 -0.04	17.35 0.39 0.00	19.01 0.24 0.00	15.84 0.22 0.00	16.96 0.29 0.00	16.07 0.21 0.00	15.87 0.21 0.00	15.44 0.23 0.00	16.23 0.18 0.00	15.15 0.15 -0.01	21.81 0.26 0.00	26.16 0.29 0.00	23.67 0.22 0.00	24.21 0.41 0.00	26.00 0.44 0.00	20.87 0.41 0.00	20.01 0.33 0.00	16.43 0.21 0.00	15.09 0.19 -0.13
BABYLON_RES_REC 323704	16.52 0.66 -8.72	16.46 0.77 -7.08	15.72 1.17 -0.05	15.41 0.97 -2.68	17.58 1.26 0.00	17.53 1.33 -0.28	18.38 1.42 0.00	20.45 1.68 0.00	17.06 1.45 0.00	18.84 1.64 -0.53	25.79 1.74 -8.19	26.43 1.73 -9.04	26.85 1.72 -9.93	37.21 1.81 -19.35	27.88 1.66 -11.23	28.08 2.29 -4.23	28.90 2.74 -0.30	28.39 2.60 -2.34	26.25 2.45 0.00	28.07 2.50 0.00	22.52 2.06 0.00	21.76 2.08 0.00	17.91 1.69 0.00	16.54 1.47 -0.29
BABYLON__69_KV_BK2 356345	16.59 0.73 -8.72	16.53 0.85 -7.08	15.85 1.30 -0.05	15.50 1.06 -2.68	17.74 1.41 0.00	17.67 1.47 -0.28	18.54 1.58 0.00	20.63 1.86 0.00	17.21 1.59 0.00	19.01 1.81 -0.53	25.95 1.90 -8.19	26.61 1.91 -9.04	27.01 1.87 -9.93	37.40 2.00 -19.35	28.03 1.81 -11.23	28.27 2.49 -4.23	29.13 2.97 -0.30	28.60 2.81 -2.34	26.46 2.66 0.00	28.29 2.73 0.00	22.71 2.25 0.00	21.98 2.30 0.00	18.08 1.87 0.00	16.68 1.62 -0.29
BARON_WINDS___WT_PWR 323822	8.87 -0.06 -1.80	10.06 0.00 -1.46	14.51 0.00 -0.01	12.43 0.11 -0.55	16.39 0.06 0.00	16.00 0.03 -0.06	17.28 0.32 0.00	18.90 0.12 0.00	15.77 0.15 0.00	16.89 0.22 0.00	16.03 0.17 0.00	15.88 0.23 0.00	15.42 0.21 0.00	16.31 0.25 0.00	15.13 0.13 0.00	21.57 0.01 0.00	25.89 0.03 0.00	23.27 -0.18 0.00	23.71 -0.09 0.00	25.49 -0.07 0.00	20.51 0.05 0.00	19.86 0.18 0.00	16.24 0.02 0.00	14.85 -0.04 -0.12
BARRETT_IC_1 23704	16.42 0.57 -8.72	16.38 0.69 -7.08	15.58 1.04 -0.05	15.30 0.86 -2.68	17.47 1.14 0.00	17.35 1.15 -0.28	18.15 1.20 0.00	20.18 1.42 0.00	16.83 1.21 0.00	18.61 1.41 -0.53	25.59 1.53 -8.19	26.25 1.55 -9.04	26.68 1.55 -9.93	37.05 1.64 -19.35	27.75 1.53 -11.23	27.81 2.03 -4.23	28.57 2.41 -0.30	28.09 2.30 -2.34	25.95 2.15 0.00	27.74 2.18 0.00	22.22 1.76 0.00	21.44 1.76 0.00	17.67 1.45 0.00	16.37 1.30 -0.29
BARRETT_IC_10 23701	16.42 0.57 -8.72	16.38 0.69 -7.08	15.58 1.04 -0.05	15.30 0.86 -2.68	17.47 1.14 0.00	17.35 1.15 -0.28	18.15 1.20 0.00	20.18 1.42 0.00	16.83 1.21 0.00	18.61 1.41 -0.53	25.59 1.53 -8.19	26.25 1.55 -9.04	26.68 1.55 -9.93	37.05 1.64 -19.35	27.75 1.53 -11.23	27.81 2.03 -4.23	28.57 2.41 -0.30	28.09 2.30 -2.34	25.95 2.15 0.00	27.74 2.18 0.00	22.22 1.76 0.00	21.44 1.76 0.00	17.67 1.45 0.00	16.37 1.30 -0.29
BARRETT_IC_11 23702	16.42 0.57 -8.72	16.38 0.69 -7.08	15.58 1.04 -0.05	15.30 0.86 -2.68	17.47 1.14 0.00	17.35 1.15 -0.28	18.15 1.20 0.00	20.18 1.42 0.00	16.83 1.21 0.00	18.61 1.41 -0.53	25.59 1.53 -8.19	26.25 1.55 -9.04	26.68 1.55 -9.93	37.05 1.64 -19.35	27.75 1.53 -11.23	27.81 2.03 -4.23	28.57 2.41 -0.30	28.09 2.30 -2.34	25.95 2.15 0.00	27.74 2.18 0.00	22.22 1.76 0.00	21.44 1.76 0.00	17.67 1.45 0.00	16.37 1.30 -0.29
BARRETT_IC_12 23703	16.42 0.57 -8.72	16.38 0.69 -7.08	15.58 1.04 -0.05	15.30 0.86 -2.68	17.47 1.14 0.00	17.35 1.15 -0.28	18.15 1.20 0.00	20.18 1.42 0.00	16.83 1.21 0.00	18.61 1.41 -0.53	25.59 1.53 -8.19	26.25 1.55 -9.04	26.68 1.55 -9.93	37.05 1.64 -19.35	27.75 1.53 -11.23	27.81 2.03 -4.23	28.57 2.41 -0.30	28.09 2.30 -2.34	25.95 2.15 0.00	27.74 2.18 0.00	22.22 1.76 0.00	21.44 1.76 0.00	17.67 1.45 0.00	16.37 1.30 -0.29
BARRETT_IC_2 23705	16.42 0.57 -8.72	16.38 0.69 -7.08	15.58 1.04 -0.05	15.30 0.86 -2.68	17.47 1.14 0.00	17.35 1.15 -0.28	18.15 1.20 0.00	20.18 1.42 0.00	16.83 1.21 0.00	18.61 1.41 -0.53	25.59 1.53 -8.19	26.25 1.55 -9.04	26.68 1.55 -9.93	37.05 1.64 -19.35	27.75 1.53 -11.23	27.81 2.03 -4.23	28.57 2.41 -0.30	28.09 2.30 -2.34	25.95 2.15 0.00	27.74 2.18 0.00	22.22 1.76 0.00	21.44 1.76 0.00	17.67 1.45 0.00	16.37 1.30 -0.29
BARRETT_IC_3 23706	16.42 0.57 -8.72	16.38 0.69 -7.08	15.58 1.04 -0.05	15.30 0.86 -2.68	17.47 1.14 0.00	17.35 1.15 -0.28	18.15 1.20 0.00	20.18 1.42 0.00	16.83 1.21 0.00	18.61 1.41 -0.53	25.59 1.53 -8.19	26.25 1.55 -9.04	26.68 1.55 -9.93	37.05 1.64 -19.35	27.75 1.53 -11.23	27.81 2.03 -4.23	28.57 2.41 -0.30	28.09 2.30 -2.34	25.95 2.15 0.00	27.74 2.18 0.00	22.22 1.76 0.00	21.44 1.76 0.00	17.67 1.45 0.00	16.37 1.30 -0.29
BARRETT_IC_4 23707	16.42 0.57 -8.72	16.38 0.69 -7.08	15.58 1.04 -0.05	15.30 0.86 -2.68	17.47 1.14 0.00	17.35 1.15 -0.28	18.15 1.20 0.00	20.18 1.42 0.00	16.83 1.21 0.00	18.61 1.41 -0.53	25.59 1.53 -8.19	26.25 1.55 -9.04	26.68 1.55 -9.93	37.05 1.64 -19.35	27.75 1.53 -11.23	27.81 2.03 -4.23	28.57 2.41 -0.30	28.09 2.30 -2.34	25.95 2.15 0.00	27.74 2.18 0.00	22.22 1.76 0.00	21.44 1.76 0.00	17.67 1.45 0.00	16.37 1.30 -0.29
BARRETT_IC_5 23708	16.42 0.57 -8.72	16.38 0.69 -7.08	15.58 1.04 -0.05	15.30 0.86 -2.68	17.47 1.14 0.00	17.35 1.15 -0.28	18.15 1.20 0.00	20.18 1.42 0.00	16.83 1.21 0.00	18.61 1.41 -0.53	25.59 1.53 -8.19	26.25 1.55 -9.04	26.68 1.55 -9.93	37.05 1.64 -19.35	27.75 1.53 -11.23	27.81 2.03 -4.23	28.57 2.41 -0.30	28.09 2.30 -2.34	25.95 2.15 0.00	27.74 2.18 0.00	22.22 1.76 0.00	21.44 1.76 0.00	17.67 1.45 0.00	16.37 1.30 -0.29
BARRETT_IC_6 23709	16.42 0.57 -8.72	16.38 0.69 -7.08	15.58 1.04 -0.05	15.30 0.86 -2.68	17.47 1.14 0.00	17.35 1.15 -0.28	18.15 1.20 0.00	20.18 1.42 0.00	16.83 1.21 0.00	18.61 1.41 -0.53	25.59 1.53 -8.19	26.25 1.55 -9.04	26.68 1.55 -9.93	37.05 1.64 -19.35	27.75 1.53 -11.23	27.81 2.03 -4.23	28.57 2.41 -0.30	28.09 2.30 -2.34	25.95 2.15 0.00	27.74 2.18 0.00	22.22 1.76 0.00	21.44 1.76 0.00	17.67 1.45 0.00	16.37 1.30 -0.29
BARRETT_IC_7 23710	16.42 0.57 -8.72	16.38 0.69 -7.08	15.58 1.04 -0.05	15.30 0.86 -2.68	17.47 1.14 0.00	17.35 1.15 -0.28	18.15 1.20 0.00	20.18 1.42 0.00	16.83 1.21 0.00	18.61 1.41 -0.53	25.59 1.53 -8.19	26.25 1.55 -9.04	26.68 1.55 -9.93	37.05 1.64 -19.35	27.75 1.53 -11.23	27.81 2.03 -4.23	28.57 2.41 -0.30	28.09 2.30 -2.34	25.95 2.15 0.00	27.74 2.18 0.00	22.22 1.76 0.00	21.44 1.76 0.00	17.67 1.45 0.00	16.37 1.30 -0.29

BARRETT_IC_8 23711	16.42 0.57 -8.72	16.38 0.69 -7.08	15.58 1.04 -0.05	15.30 0.86 -2.68	17.47 1.14 0.00	17.35 1.15 -0.28	18.15 1.20 0.00	20.18 1.42 0.00	16.83 1.21 0.00	18.61 1.41 -0.53	25.59 1.53 -8.19	26.25 1.55 -9.04	26.68 1.55 -9.93	37.05 1.64 -19.35	27.75 1.53 -11.23	27.81 2.03 -4.23	28.57 2.41 -0.30	28.09 2.30 -2.34	25.95 2.15 0.00	27.74 2.18 0.00	22.22 1.76 0.00	21.44 1.76 0.00	17.67 1.45 0.00	16.37 1.30 -0.29
BARRETT_IC_9 23700	16.42 0.57 -8.72	16.38 0.69 -7.08	15.58 1.04 -0.05	15.30 0.86 -2.68	17.47 1.14 0.00	17.35 1.15 -0.28	18.15 1.20 0.00	20.18 1.42 0.00	16.83 1.21 0.00	18.61 1.41 -0.53	25.59 1.53 -8.19	26.25 1.55 -9.04	26.68 1.55 -9.93	37.05 1.64 -19.35	27.75 1.53 -11.23	27.81 2.03 -4.23	28.57 2.41 -0.30	28.09 2.30 -2.34	25.95 2.15 0.00	27.74 2.18 0.00	22.22 1.76 0.00	21.44 1.76 0.00	17.67 1.45 0.00	16.37 1.30 -0.29
BARRETT___1 23545	16.42 0.57 -8.72	16.38 0.69 -7.08	15.58 1.04 -0.05	15.30 0.86 -2.68	17.47 1.14 0.00	17.35 1.15 -0.28	18.15 1.20 0.00	20.18 1.42 0.00	16.83 1.21 0.00	18.61 1.41 -0.53	25.59 1.53 -8.19	26.25 1.55 -9.04	26.68 1.55 -9.93	37.05 1.64 -19.35	27.75 1.53 -11.23	27.81 2.03 -4.23	28.57 2.41 -0.30	28.09 2.30 -2.34	25.95 2.15 0.00	27.74 2.18 0.00	22.22 1.76 0.00	21.44 1.76 0.00	17.67 1.45 0.00	16.37 1.30 -0.29
BARRETT___2 23546	16.42 0.57 -8.72	16.38 0.69 -7.08	15.58 1.04 -0.05	15.30 0.86 -2.68	17.47 1.14 0.00	17.35 1.15 -0.28	18.15 1.20 0.00	20.18 1.42 0.00	16.83 1.21 0.00	18.61 1.41 -0.53	25.59 1.53 -8.19	26.25 1.55 -9.04	26.68 1.55 -9.93	37.05 1.64 -19.35	27.75 1.53 -11.23	27.81 2.03 -4.23	28.57 2.41 -0.30	28.09 2.30 -2.34	25.95 2.15 0.00	27.74 2.18 0.00	22.22 1.76 0.00	21.44 1.76 0.00	17.67 1.45 0.00	16.37 1.30 -0.29
BATAVIA___115KV_TB1 55881	8.31 -0.03 -1.21	9.55 -0.05 -0.98	14.40 -0.11 -0.01	12.18 0.05 -0.37	16.29 -0.03 0.00	15.84 -0.12 -0.04	17.05 0.10 0.00	18.44 -0.33 0.00	15.39 -0.23 0.00	16.43 -0.24 0.00	15.57 -0.29 0.00	15.40 -0.25 0.00	14.94 -0.27 0.00	15.65 -0.41 0.00	14.52 -0.46 0.00	20.77 -0.79 0.00	24.93 -0.94 0.00	22.52 -0.92 0.00	23.00 -0.79 0.00	24.76 -0.80 0.00	20.00 -0.47 0.00	19.33 -0.35 0.00	15.85 -0.37 0.00	14.28 -0.47 0.02
BAYONEEC___CTG1 323682	16.40 0.55 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.26 0.82 -2.68	17.40 1.08 0.00	17.31 1.11 -0.28	18.16 1.20 0.00	20.20 1.43 0.00	16.92 1.30 0.00	18.13 1.46 0.00	17.31 1.46 0.00	19.94 1.49 -2.80	17.02 1.49 -0.31	22.75 1.59 -5.11	26.48 1.50 -9.98	27.26 2.04 -3.67	28.37 2.50 0.00	25.72 2.28 0.00	26.01 2.21 0.00	27.91 2.35 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.68 1.46 0.00	16.39 1.33 -0.29
BAYONEEC___CTG10 323750	16.40 0.55 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.26 0.82 -2.68	17.40 1.08 0.00	17.31 1.11 -0.28	18.16 1.20 0.00	20.20 1.43 0.00	16.92 1.30 0.00	18.13 1.46 0.00	17.31 1.46 0.00	19.94 1.49 -2.80	17.02 1.49 -0.31	22.75 1.59 -5.11	26.48 1.50 -9.98	27.26 2.04 -3.67	28.37 2.50 0.00	25.72 2.28 0.00	26.01 2.21 0.00	27.91 2.35 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.68 1.46 0.00	16.39 1.33 -0.29
BAYONEEC___CTG2 323683	16.40 0.55 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.26 0.82 -2.68	17.40 1.08 0.00	17.31 1.11 -0.28	18.16 1.20 0.00	20.20 1.43 0.00	16.92 1.30 0.00	18.13 1.46 0.00	17.31 1.46 0.00	19.94 1.49 -2.80	17.02 1.49 -0.31	22.75 1.59 -5.11	26.48 1.50 -9.98	27.26 2.04 -3.67	28.37 2.50 0.00	25.72 2.28 0.00	26.01 2.21 0.00	27.91 2.35 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.68 1.46 0.00	16.39 1.33 -0.29
BAYONEEC___CTG3 323684	16.40 0.55 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.26 0.82 -2.68	17.40 1.08 0.00	17.31 1.11 -0.28	18.16 1.20 0.00	20.20 1.43 0.00	16.92 1.30 0.00	18.13 1.46 0.00	17.31 1.46 0.00	19.94 1.49 -2.80	17.02 1.49 -0.31	22.75 1.59 -5.11	26.48 1.50 -9.98	27.26 2.04 -3.67	28.37 2.50 0.00	25.72 2.28 0.00	26.01 2.21 0.00	27.91 2.35 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.68 1.46 0.00	16.39 1.33 -0.29
BAYONEEC___CTG4 323685	16.40 0.55 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.26 0.82 -2.68	17.40 1.08 0.00	17.31 1.11 -0.28	18.16 1.20 0.00	20.20 1.43 0.00	16.92 1.30 0.00	18.13 1.46 0.00	17.31 1.46 0.00	19.94 1.49 -2.80	17.02 1.49 -0.31	22.75 1.59 -5.11	26.48 1.50 -9.98	27.26 2.04 -3.67	28.37 2.50 0.00	25.72 2.28 0.00	26.01 2.21 0.00	27.91 2.35 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.68 1.46 0.00	16.39 1.33 -0.29
BAYONEEC___CTG5 323686	16.40 0.55 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.26 0.82 -2.68	17.40 1.08 0.00	17.31 1.11 -0.28	18.16 1.20 0.00	20.20 1.43 0.00	16.92 1.30 0.00	18.13 1.46 0.00	17.31 1.46 0.00	19.94 1.49 -2.80	17.02 1.49 -0.31	22.75 1.59 -5.11	26.48 1.50 -9.98	27.26 2.04 -3.67	28.37 2.50 0.00	25.72 2.28 0.00	26.01 2.21 0.00	27.91 2.35 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.68 1.46 0.00	16.39 1.33 -0.29
BAYONEEC___CTG6 323687	16.40 0.55 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.26 0.82 -2.68	17.40 1.08 0.00	17.31 1.11 -0.28	18.16 1.20 0.00	20.20 1.43 0.00	16.92 1.30 0.00	18.13 1.46 0.00	17.31 1.46 0.00	19.94 1.49 -2.80	17.02 1.49 -0.31	22.75 1.59 -5.11	26.48 1.50 -9.98	27.26 2.04 -3.67	28.37 2.50 0.00	25.72 2.28 0.00	26.01 2.21 0.00	27.91 2.35 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.68 1.46 0.00	16.39 1.33 -0.29
BAYONEEC___CTG7 323688	16.40 0.55 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.26 0.82 -2.68	17.40 1.08 0.00	17.31 1.11 -0.28	18.16 1.20 0.00	20.20 1.43 0.00	16.92 1.30 0.00	18.13 1.46 0.00	17.31 1.46 0.00	19.94 1.49 -2.80	17.02 1.49 -0.31	22.75 1.59 -5.11	26.48 1.50 -9.98	27.26 2.04 -3.67	28.37 2.50 0.00	25.72 2.28 0.00	26.01 2.21 0.00	27.91 2.35 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.68 1.46 0.00	16.39 1.33 -0.29
BAYONEEC___CTG8 323689	16.40 0.55 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.26 0.82 -2.68	17.40 1.08 0.00	17.31 1.11 -0.28	18.16 1.20 0.00	20.20 1.43 0.00	16.92 1.30 0.00	18.13 1.46 0.00	17.31 1.46 0.00	19.94 1.49 -2.80	17.02 1.49 -0.31	22.75 1.59 -5.11	26.48 1.50 -9.98	27.26 2.04 -3.67	28.37 2.50 0.00	25.72 2.28 0.00	26.01 2.21 0.00	27.91 2.35 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.68 1.46 0.00	16.39 1.33 -0.29
BAYONEEC___CTG9 323749	16.40 0.55 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.26 0.82 -2.68	17.40 1.08 0.00	17.31 1.11 -0.28	18.16 1.20 0.00	20.20 1.43 0.00	16.92 1.30 0.00	18.13 1.46 0.00	17.31 1.46 0.00	19.94 1.49 -2.80	17.02 1.49 -0.31	22.75 1.59 -5.11	26.48 1.50 -9.98	27.26 2.04 -3.67	28.37 2.50 0.00	25.72 2.28 0.00	26.01 2.21 0.00	27.91 2.35 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.68 1.46 0.00	16.39 1.33 -0.29

BEACON___LESR 323632	18.70 0.20 -11.37	18.08 0.25 -9.23	14.96 0.40 -0.06	15.60 0.35 -3.49	16.80 0.48 0.00	16.70 0.42 -0.36	17.34 0.38 0.00	19.26 0.49 0.00	16.01 0.39 0.00	17.06 0.38 0.00	16.19 0.33 0.00	15.75 0.36 0.27	15.52 0.34 0.03	15.97 0.40 0.49	14.40 0.40 1.00	21.86 0.65 0.35	26.56 0.69 0.00	24.06 0.61 0.00	24.42 0.63 0.00	26.25 0.69 0.00	21.03 0.56 0.00	20.22 0.54 -0.01	16.66 0.45 0.00	15.58 0.44 -0.36
BEAVER RIVER___HYD 24048	4.27 -0.40 2.47	3.27 -0.51 4.82	13.88 -0.80 -0.18	10.81 -0.43 0.53	15.98 -0.35 0.00	15.55 -0.38 -0.01	16.38 -0.58 0.00	18.17 -0.60 0.00	15.14 -0.48 0.00	16.16 -0.51 0.00	15.36 -0.50 0.00	15.15 -0.50 0.00	14.58 -0.63 0.00	15.28 -0.77 0.00	14.29 -0.70 0.00	20.42 -1.14 0.00	24.79 -1.08 0.00	22.65 -0.80 0.00	23.25 -0.55 0.00	25.10 -0.46 0.00	19.90 -0.56 0.00	18.76 -0.92 0.00	15.46 -0.75 0.00	14.47 -0.31 -0.01
BEEBEE_GT_13 23619	8.10 -0.10 -1.07	9.34 -0.13 -0.87	14.25 -0.25 -0.01	11.99 -0.11 -0.33	16.09 -0.23 0.00	15.72 -0.24 -0.03	16.87 -0.08 0.00	18.40 -0.37 0.00	15.35 -0.27 0.00	16.40 -0.27 0.00	15.57 -0.29 0.00	15.43 -0.22 0.00	14.99 -0.22 0.00	15.76 -0.29 0.00	14.66 -0.33 0.00	21.01 -0.55 0.00	25.22 -0.65 0.00	22.75 -0.69 0.00	23.17 -0.63 0.00	24.91 -0.65 0.00	20.04 -0.42 0.00	19.33 -0.34 0.00	15.86 -0.36 0.00	14.32 -0.42 0.03
BENSHRST_27_KV_BENSHRST_1 355998	16.47 0.62 -8.72	16.40 0.71 -7.08	15.65 1.10 -0.05	15.35 0.91 -2.68	17.52 1.19 0.00	17.43 1.23 -0.28	18.32 1.37 0.00	20.39 1.62 0.00	17.08 1.47 0.00	18.33 1.66 0.00	17.53 1.67 0.00	20.16 1.70 -2.80	17.24 1.71 -0.31	23.03 1.86 -5.11	26.73 1.75 -9.98	27.59 2.37 -3.67	28.78 2.91 0.00	26.11 2.66 0.00	26.38 2.58 0.00	28.31 2.75 0.00	22.64 2.18 0.00	21.76 2.07 -0.01	17.91 1.70 0.00	16.58 1.52 -0.29
BETHLEHEM___GRP 23843	18.62 0.11 -11.38	17.97 0.13 -9.24	14.76 0.20 -0.06	15.44 0.18 -3.49	16.57 0.24 0.00	16.48 0.19 -0.36	17.06 0.11 0.00	18.93 0.15 0.00	15.77 0.15 0.00	16.78 0.10 0.00	15.97 0.11 0.00	15.48 0.12 0.29	15.31 0.13 0.03	15.67 0.15 0.54	14.10 0.19 1.08	21.45 0.27 0.38	26.17 0.30 0.00	23.72 0.27 0.00	24.05 0.25 0.00	25.88 0.32 0.00	20.72 0.26 0.00	19.94 0.26 -0.01	16.45 0.23 0.00	15.38 0.24 -0.36
BETHLEHEM___GS1 323560	18.62 0.11 -11.38	17.97 0.13 -9.24	14.76 0.20 -0.06	15.44 0.18 -3.49	16.56 0.24 0.00	16.48 0.19 -0.36	17.06 0.11 0.00	18.92 0.15 0.00	15.77 0.15 0.00	16.78 0.11 0.00	15.97 0.11 0.00	15.48 0.12 0.29	15.31 0.13 0.03	15.68 0.16 0.54	14.09 0.18 1.08	21.45 0.27 0.38	26.17 0.30 0.00	23.72 0.27 0.00	24.05 0.25 0.00	25.88 0.32 0.00	20.72 0.26 0.00	19.94 0.26 -0.01	16.45 0.23 0.00	15.38 0.25 -0.36
BETHLEHEM___GS2 323561	18.62 0.11 -11.38	17.97 0.13 -9.24	14.76 0.20 -0.06	15.44 0.18 -3.49	16.56 0.24 0.00	16.48 0.19 -0.36	17.06 0.11 0.00	18.92 0.15 0.00	15.77 0.15 0.00	16.78 0.11 0.00	15.97 0.11 0.00	15.48 0.12 0.29	15.31 0.13 0.03	15.68 0.16 0.54	14.09 0.18 1.08	21.45 0.27 0.38	26.17 0.30 0.00	23.72 0.27 0.00	24.05 0.25 0.00	25.88 0.32 0.00	20.72 0.26 0.00	19.94 0.26 -0.01	16.45 0.23 0.00	15.38 0.25 -0.36
BETHLEHEM___GS3 323562	18.62 0.11 -11.38	17.97 0.13 -9.24	14.76 0.20 -0.06	15.44 0.18 -3.49	16.56 0.24 0.00	16.48 0.19 -0.36	17.06 0.11 0.00	18.92 0.15 0.00	15.77 0.15 0.00	16.78 0.11 0.00	15.97 0.11 0.00	15.48 0.12 0.29	15.31 0.13 0.03	15.68 0.16 0.54	14.09 0.18 1.08	21.45 0.27 0.38	26.17 0.30 0.00	23.72 0.27 0.00	24.05 0.25 0.00	25.88 0.32 0.00	20.72 0.26 0.00	19.94 0.26 -0.01	16.45 0.23 0.00	15.38 0.25 -0.36
BETHLEHEM___STEEL 23779	8.42 -0.10 -1.39	9.63 -0.10 -1.13	14.32 -0.19 -0.01	12.19 0.00 -0.43	16.23 -0.10 0.00	15.77 -0.19 -0.04	17.01 0.05 0.00	18.40 -0.37 0.00	15.39 -0.22 0.00	16.48 -0.19 0.00	15.61 -0.24 0.00	15.50 -0.15 0.00	15.04 -0.17 0.00	15.77 -0.28 0.00	14.63 -0.36 0.00	20.91 -0.65 0.00	25.04 -0.82 0.00	22.47 -0.97 0.00	22.87 -0.93 0.00	24.60 -0.96 0.00	19.85 -0.61 0.00	19.22 -0.46 0.00	15.77 -0.45 0.00	14.23 -0.54 0.00
BETHLHEM_115KV_TB1 79974	18.63 0.13 -11.37	17.99 0.15 -9.23	14.81 0.25 -0.06	15.47 0.22 -3.49	16.62 0.29 0.00	16.53 0.24 -0.36	17.13 0.17 0.00	19.00 0.22 0.00	15.83 0.21 0.00	16.84 0.17 0.00	16.02 0.16 0.00	15.51 0.17 0.31	15.36 0.18 0.04	15.70 0.20 0.56	14.08 0.23 1.14	21.49 0.34 0.40	26.25 0.39 0.00	23.80 0.35 0.00	24.13 0.33 0.00	25.96 0.40 0.00	20.79 0.33 0.00	20.01 0.32 -0.01	16.50 0.28 0.00	15.42 0.29 -0.36
BETHPAGE_CC_5 323564	16.50 0.64 -8.72	16.44 0.75 -7.08	15.69 1.15 -0.05	15.38 0.94 -2.68	17.56 1.23 0.00	17.49 1.29 -0.28	18.32 1.37 0.00	20.39 1.62 0.00	17.03 1.41 0.00	18.82 1.62 -0.53	25.75 1.70 -8.19	26.39 1.69 -9.04	26.81 1.68 -9.93	37.14 1.73 -19.35	27.81 1.59 -11.23	27.95 2.17 -4.23	28.75 2.59 -0.30	28.25 2.46 -2.34	26.08 2.28 0.00	27.89 2.33 0.00	22.36 1.90 0.00	21.59 1.91 0.00	17.81 1.60 0.00	16.46 1.40 -0.29
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	8.51 -0.03 -1.42	9.73 -0.03 -1.15	14.47 -0.04 -0.01	12.31 0.11 -0.43	16.39 0.07 0.00	15.95 -0.02 -0.05	17.21 0.25 0.00	18.65 -0.12 0.00	15.58 -0.04 0.00	16.66 -0.01 0.00	15.79 -0.07 0.00	15.67 0.01 0.00	15.20 -0.01 0.00	15.95 -0.11 0.00	14.79 -0.20 0.00	21.14 -0.42 0.00	25.32 -0.55 0.00	22.72 -0.73 0.00	23.12 -0.68 0.00	24.87 -0.69 0.00	20.06 -0.40 0.00	19.42 -0.26 0.00	15.92 -0.29 0.00	14.38 -0.40 -0.01
BINGHAMTON___COGEN 23790	9.76 0.10 -2.53	10.81 0.15 -2.06	14.71 0.20 -0.01	12.75 0.21 -0.78	16.56 0.24 0.00	16.22 0.22 -0.08	17.33 0.38 0.00	19.11 0.34 0.00	15.91 0.29 0.00	17.01 0.33 0.00	16.14 0.28 0.00	15.96 0.31 0.00	15.51 0.30 0.00	16.43 0.37 0.00	15.30 0.31 0.00	21.89 0.33 0.00	26.31 0.44 0.00	23.75 0.30 0.00	24.16 0.37 0.00	25.96 0.41 0.00	20.80 0.34 0.00	20.07 0.39 0.00	16.45 0.24 0.00	15.11 0.23 -0.11
BIXINCNT_115KV_LOAD 355685	8.72 0.14 -1.45	9.97 0.18 -1.18	14.87 0.36 -0.01	12.68 0.47 -0.45	16.89 0.57 0.00	16.53 0.56 -0.05	17.96 1.01 0.00	19.55 0.78 0.00	16.20 0.59 0.00	17.23 0.56 0.00	16.30 0.44 0.00	16.15 0.49 0.00	15.63 0.42 0.00	16.42 0.36 0.00	15.21 0.22 0.00	21.72 0.16 0.00	26.00 0.13 0.00	23.34 -0.11 0.00	23.78 -0.01 0.00	25.64 0.08 0.00	20.68 0.22 0.00	19.98 0.30 0.00	16.32 0.11 0.00	14.72 -0.07 -0.02
BLACK RIVER___HYD 24047	5.26 -0.41 1.46	4.95 -0.52 3.14	13.81 -0.82 -0.13	11.12 -0.37 0.28	16.01 -0.32 0.00	15.60 -0.34 -0.02	16.43 -0.52 0.00	18.20 -0.57 0.00	15.11 -0.51 0.00	16.10 -0.57 0.00	15.30 -0.55 0.00	15.13 -0.53 0.00	14.54 -0.67 0.00	15.20 -0.86 0.00	14.21 -0.78 0.00	20.28 -1.28 0.00	24.62 -1.25 0.00	22.57 -0.88 0.00	23.25 -0.55 0.00	25.16 -0.40 0.00	20.00 -0.46 0.00	18.80 -0.88 0.00	15.46 -0.75 0.00	14.54 -0.25 -0.02

BLACKRVR_115KV_TB2 79977	5.26 -0.41 1.46	4.94 -0.53 3.14	13.81 -0.82 -0.13	11.11 -0.38 0.28	16.01 -0.32 0.00	15.60 -0.34 -0.02	16.43 -0.52 0.00	18.20 -0.57 0.00	15.11 -0.51 0.00	16.10 -0.57 0.00	15.30 -0.55 0.00	15.13 -0.53 0.00	14.54 -0.67 0.00	15.19 -0.86 0.00	14.21 -0.78 0.00	20.27 -1.29 0.00	24.62 -1.25 0.00	22.57 -0.88 0.00	23.25 -0.55 0.00	25.16 -0.40 0.00	20.00 -0.46 0.00	18.80 -0.88 0.00	15.46 -0.75 0.00	14.54 -0.25 -0.02
BLISS_WT_PWR 323608	8.71 0.12 -1.45	9.95 0.16 -1.18	14.86 0.35 -0.01	12.66 0.45 -0.45	16.87 0.55 0.00	16.53 0.56 -0.05	17.97 1.02 0.00	19.57 0.80 0.00	16.23 0.61 0.00	17.25 0.58 0.00	16.31 0.45 0.00	16.18 0.53 0.00	15.67 0.46 0.00	16.48 0.42 0.00	15.25 0.25 0.00	21.77 0.21 0.00	26.02 0.15 0.00	23.35 -0.10 0.00	23.80 0.00 0.00	25.68 0.12 0.00	20.70 0.24 0.00	20.00 0.32 0.00	16.32 0.11 0.00	14.69 -0.09 -0.02
BLUE_CIRC_CHEM_DRP 24182	18.45 0.20 -11.12	17.88 0.25 -9.03	14.96 0.40 -0.06	15.52 0.35 -3.41	16.80 0.48 0.00	16.69 0.41 -0.35	17.31 0.36 0.00	19.17 0.40 0.00	15.95 0.33 0.00	16.96 0.29 0.00	16.11 0.25 0.00	15.71 0.22 0.17	15.41 0.22 0.02	15.98 0.24 0.32	14.60 0.25 0.65	21.74 0.42 0.23	26.34 0.48 0.00	23.88 0.44 0.00	24.24 0.44 0.00	26.11 0.55 0.00	20.90 0.44 0.00	20.13 0.44 -0.01	16.58 0.36 0.00	15.50 0.37 -0.35
BOC_GAS_DRP 24189	18.65 0.19 -11.33	18.03 0.23 -9.20	14.92 0.37 -0.06	15.55 0.31 -3.48	16.74 0.42 0.00	16.65 0.37 -0.36	17.28 0.33 0.00	19.16 0.40 0.00	15.97 0.35 0.00	17.01 0.33 0.00	16.17 0.31 0.00	15.56 0.31 0.40	15.48 0.31 0.04	15.66 0.34 0.73	13.88 0.34 1.45	21.54 0.51 0.52	26.48 0.61 0.00	24.00 0.55 0.00	24.33 0.53 0.00	26.17 0.61 0.00	20.95 0.49 0.00	20.17 0.49 -0.01	16.62 0.41 0.00	15.53 0.39 -0.36
BOONVILLE_115KV_TB1 79983	6.59 -0.10 0.44	7.37 -0.13 1.11	14.37 -0.20 -0.07	11.79 -0.04 -0.06	16.41 0.08 0.00	15.96 0.03 -0.01	16.93 -0.02 0.00	18.75 -0.02 0.00	15.62 0.00 0.00	16.68 0.01 0.00	15.86 0.00 0.00	15.65 -0.01 0.00	15.13 -0.08 0.00	15.95 -0.11 0.00	14.89 -0.11 0.00	21.33 -0.23 0.00	25.77 -0.09 0.00	23.41 -0.04 0.00	23.92 0.12 0.00	25.77 0.21 0.00	20.51 0.05 0.00	19.55 -0.13 0.00	16.08 -0.13 0.00	14.83 0.05 -0.01
BORALEX_4TH_BRANCH 23824	18.86 0.37 -11.36	18.30 0.47 -9.23	15.35 0.79 -0.06	15.92 0.67 -3.49	17.21 0.88 0.00	17.09 0.80 -0.36	17.65 0.69 0.00	19.60 0.82 0.00	16.31 0.69 0.00	17.25 0.58 0.00	16.35 0.49 0.00	16.10 0.45 0.00	15.66 0.45 0.00	16.60 0.54 0.00	15.38 0.48 0.09	22.42 0.87 0.00	26.81 0.94 0.00	24.19 0.74 0.00	24.55 0.75 0.00	26.46 0.90 0.00	21.20 0.75 0.00	20.57 0.88 -0.01	16.95 0.73 0.00	15.82 0.68 -0.36
BOWLINE___1 23526	15.65 0.50 -8.02	15.69 0.57 -6.51	15.42 0.88 -0.04	14.96 0.73 -2.46	17.31 0.99 0.00	17.18 1.01 -0.26	18.04 1.09 0.00	20.05 1.28 0.00	16.74 1.12 0.00	17.91 1.24 0.00	17.10 1.24 0.00	19.36 1.27 -2.45	16.74 1.26 -0.27	21.89 1.36 -4.47	25.02 1.30 -8.72	26.46 1.70 -3.20	27.96 2.09 0.00	25.35 1.91 0.00	25.66 1.86 0.00	27.52 1.96 0.00	22.01 1.55 0.00	21.18 1.50 0.00	17.47 1.25 0.00	16.17 1.14 -0.27
BOWLINE___2 23595	15.65 0.50 -8.02	15.69 0.57 -6.51	15.42 0.88 -0.04	14.96 0.73 -2.46	17.31 0.99 0.00	17.19 1.01 -0.26	18.04 1.09 0.00	20.05 1.28 0.00	16.74 1.12 0.00	17.91 1.24 0.00	17.10 1.24 0.00	19.37 1.27 -2.45	16.75 1.26 -0.27	21.89 1.37 -4.47	25.03 1.31 -8.72	26.48 1.71 -3.21	27.98 2.12 0.00	25.38 1.93 0.00	25.68 1.89 0.00	27.54 1.98 0.00	22.03 1.57 0.00	21.20 1.52 0.00	17.47 1.26 0.00	16.18 1.14 -0.27
BRADY___115KV_TB2 356060	-2.19 -0.16 9.17	-8.17 -0.21 16.56	14.42 -0.35 -0.28	7.45 -0.32 3.99	15.95 -0.38 0.00	15.59 -0.33 0.00	16.58 -0.37 0.00	18.37 -0.40 0.00	15.20 -0.42 0.00	16.25 -0.42 0.00	15.45 -0.41 0.00	15.20 -0.46 0.00	14.75 -0.46 0.00	15.54 -0.51 0.00	14.57 -0.43 0.00	20.99 -0.56 0.00	25.19 -0.67 0.00	22.90 -0.54 0.00	23.25 -0.55 0.00	24.99 -0.57 0.00	19.99 -0.47 0.00	19.17 -0.51 0.00	15.81 -0.41 0.00	14.39 -0.38 0.00
BRANSCOMB___SOLAR 323811	19.19 0.29 -11.77	18.49 0.33 -9.55	15.10 0.55 -0.06	15.85 0.47 -3.61	16.94 0.61 0.00	16.91 0.61 -0.37	17.54 0.59 0.00	19.42 0.65 0.00	16.13 0.51 0.00	17.10 0.43 0.00	16.24 0.38 0.00	15.79 0.37 0.24	15.57 0.38 0.03	16.10 0.47 0.43	14.57 0.46 0.89	22.07 0.83 0.31	26.84 0.98 0.00	24.34 0.90 0.00	24.73 0.94 0.00	26.65 1.09 0.00	21.35 0.89 0.00	20.56 0.88 -0.01	16.91 0.70 0.00	15.77 0.62 -0.37
BRENTWOD_69_KV_W. BRTWOOD 56703	16.55 0.70 -8.72	16.50 0.81 -7.08	15.79 1.24 -0.05	15.45 1.01 -2.68	17.66 1.34 0.00	17.61 1.41 -0.28	18.46 1.51 0.00	20.55 1.77 0.00	17.13 1.52 0.00	18.93 1.73 -0.53	25.89 1.84 -8.19	26.54 1.84 -9.04	26.93 1.80 -9.93	37.32 1.92 -19.35	27.90 1.69 -11.23	28.06 2.27 -4.23	28.84 2.67 -0.30	28.36 2.57 -2.34	26.20 2.40 0.00	28.01 2.45 0.00	22.50 2.04 0.00	21.81 2.13 0.00	17.98 1.76 0.00	16.60 1.53 -0.29
BRISTLHL_115KV_TB1 79998	7.71 -0.20 -0.77	8.99 -0.24 -0.63	14.10 -0.41 0.00	11.72 -0.28 -0.24	15.91 -0.41 0.00	15.54 -0.40 -0.03	16.55 -0.41 0.00	18.25 -0.52 0.00	15.18 -0.44 0.00	16.20 -0.47 0.00	15.41 -0.45 0.00	15.25 -0.40 0.00	14.81 -0.41 0.00	15.64 -0.42 0.00	14.59 -0.41 0.00	20.93 -0.63 0.00	25.33 -0.54 0.00	22.86 -0.58 0.00	23.25 -0.55 0.00	24.99 -0.57 0.00	20.03 -0.43 0.00	19.26 -0.42 0.00	15.82 -0.40 0.00	14.42 -0.38 -0.03
BROOKHAVEN___DRP 24191	16.52 0.66 -8.72	16.46 0.78 -7.08	15.71 1.17 -0.05	15.40 0.96 -2.68	17.61 1.28 0.00	17.51 1.31 -0.28	18.37 1.41 0.00	20.48 1.71 0.00	17.02 1.41 0.00	18.82 1.62 -0.53	25.79 1.73 -8.19	26.42 1.72 -9.04	26.81 1.67 -9.93	37.21 1.80 -19.35	27.87 1.65 -11.23	28.10 2.31 -4.23	28.92 2.76 -0.30	28.46 2.67 -2.34	26.32 2.53 0.00	28.14 2.58 0.00	22.60 2.14 0.00	21.89 2.20 0.00	17.98 1.76 0.00	16.55 1.49 -0.29
BROOKLYN_NAVY_YARD 23515	16.40 0.55 -8.72	16.34 0.66 -7.08	15.56 1.01 -0.05	15.28 0.84 -2.68	17.42 1.10 0.00	17.33 1.13 -0.28	18.18 1.22 0.00	20.23 1.46 0.00	16.94 1.33 0.00	18.16 1.49 0.00	17.32 1.47 0.00	19.94 1.49 -2.80	17.02 1.50 -0.31	22.75 1.58 -5.11	26.48 1.50 -9.98	27.28 2.05 -3.67	28.39 2.53 0.00	25.73 2.28 0.00	26.02 2.22 0.00	27.94 2.38 0.00	22.33 1.87 0.00	21.46 1.78 0.00	17.69 1.48 0.00	16.40 1.34 -0.29
BROOKLYN___ARMY_DRP 323595	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.04 -0.05	15.30 0.85 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.23 1.56 0.00	17.43 1.57 0.00	20.05 1.60 -2.80	17.14 1.61 -0.31	22.92 1.75 -5.11	26.62 1.64 -9.98	27.44 2.21 -3.67	28.59 2.73 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.42 -0.29

BROOKVLE_69_KV_TB1 55790	16.49 0.64 -8.72	16.43 0.74 -7.08	15.69 1.14 -0.05	15.38 0.94 -2.68	17.57 1.25 0.00	17.49 1.29 -0.28	18.34 1.38 0.00	20.41 1.63 0.00	17.05 1.44 0.00	18.84 1.64 -0.53	25.76 1.71 -8.19	26.44 1.74 -9.04	26.88 1.74 -9.93	37.27 1.86 -19.35	27.97 1.75 -11.23	28.17 2.39 -4.23	29.02 2.86 -0.30	28.44 2.65 -2.34	26.34 2.54 0.00	28.20 2.64 0.00	22.57 2.11 0.00	21.74 2.05 0.00	17.87 1.65 0.00	16.53 1.46 -0.29
BROOME_2_LFGE 323671	9.76 0.09 -2.53	10.81 0.14 -2.06	14.71 0.20 -0.01	12.75 0.21 -0.78	16.56 0.24 0.00	16.22 0.22 -0.08	17.33 0.38 0.00	19.11 0.34 0.00	15.91 0.29 0.00	17.00 0.33 0.00	16.14 0.28 0.00	15.96 0.31 0.00	15.51 0.30 0.00	16.43 0.37 0.00	15.30 0.30 0.00	21.89 0.33 0.00	26.31 0.44 0.00	23.75 0.30 0.00	24.16 0.37 0.00	25.97 0.41 0.00	20.80 0.34 0.00	20.06 0.38 0.00	16.45 0.24 0.00	15.11 0.23 -0.11
BROOME__LFGE 323600	9.76 0.09 -2.53	10.81 0.14 -2.06	14.71 0.20 -0.01	12.75 0.21 -0.78	16.56 0.24 0.00	16.22 0.22 -0.08	17.33 0.38 0.00	19.11 0.34 0.00	15.91 0.29 0.00	17.00 0.33 0.00	16.14 0.28 0.00	15.96 0.31 0.00	15.51 0.30 0.00	16.43 0.37 0.00	15.30 0.30 0.00	21.89 0.33 0.00	26.31 0.44 0.00	23.75 0.30 0.00	24.16 0.37 0.00	25.97 0.41 0.00	20.80 0.34 0.00	20.06 0.38 0.00	16.45 0.24 0.00	15.11 0.23 -0.11
BROWNFLS_115KV_TB_3_5 80003	1.62 -0.43 5.09	-1.40 -0.55 9.45	13.94 -0.88 -0.33	9.93 -0.60 1.24	15.68 -0.65 0.00	15.30 -0.64 -0.01	16.17 -0.78 0.00	17.96 -0.81 0.00	14.92 -0.70 0.00	15.93 -0.74 0.00	15.15 -0.71 0.00	14.93 -0.73 0.00	14.41 -0.80 0.00	15.13 -0.93 0.00	14.16 -0.83 0.00	20.31 -1.25 0.00	24.54 -1.33 0.00	22.38 -1.07 0.00	22.87 -0.93 0.00	24.66 -0.90 0.00	19.61 -0.85 0.00	18.60 -1.08 0.00	15.34 -0.88 0.00	14.19 -0.59 -0.01
BROWNSV1_27_KV_LOAD 356125	16.47 0.62 -8.72	16.40 0.72 -7.08	15.67 1.12 -0.05	15.36 0.92 -2.68	17.55 1.22 0.00	17.45 1.25 -0.28	18.33 1.38 0.00	20.41 1.64 0.00	17.10 1.48 0.00	18.33 1.66 0.00	17.50 1.65 0.00	20.14 1.69 -2.80	17.21 1.68 -0.31	22.97 1.81 -5.11	26.67 1.70 -9.98	27.55 2.32 -3.67	28.71 2.84 0.00	26.03 2.58 0.00	26.32 2.52 0.00	28.25 2.69 0.00	22.57 2.11 0.00	21.70 2.01 0.00	17.88 1.66 0.00	16.56 1.49 -0.29
BURROWS__LYONSDAL 23803	6.11 -0.19 0.84	6.52 -0.25 1.83	14.21 -0.38 -0.09	11.56 -0.15 0.06	16.30 -0.03 0.00	15.85 -0.08 -0.01	16.78 -0.17 0.00	18.59 -0.18 0.00	15.50 -0.12 0.00	16.56 -0.11 0.00	15.75 -0.11 0.00	15.53 -0.12 0.00	14.99 -0.22 0.00	15.78 -0.28 0.00	14.74 -0.25 0.00	21.08 -0.47 0.00	25.53 -0.33 0.00	23.22 -0.23 0.00	23.75 -0.04 0.00	25.60 0.04 0.00	20.34 -0.12 0.00	19.31 -0.37 0.00	15.90 -0.32 0.00	14.74 -0.04 -0.01
CAITHNESS_CC_1 323624	16.53 0.67 -8.72	16.47 0.79 -7.08	15.73 1.18 -0.05	15.42 0.98 -2.68	17.61 1.28 0.00	17.53 1.33 -0.28	18.38 1.43 0.00	20.48 1.71 0.00	17.04 1.43 0.00	18.84 1.64 -0.53	25.80 1.75 -8.19	26.43 1.73 -9.04	26.83 1.69 -9.93	37.22 1.81 -19.35	27.88 1.66 -11.23	28.09 2.31 -4.23	28.92 2.76 -0.30	28.45 2.66 -2.34	26.32 2.52 0.00	28.13 2.57 0.00	22.59 2.13 0.00	21.88 2.19 0.00	17.97 1.75 0.00	16.56 1.49 -0.29
CALPINE BETH_PAGE_GT4 24209	16.49 0.64 -8.72	16.43 0.74 -7.08	15.67 1.12 -0.05	15.36 0.92 -2.68	17.54 1.22 0.00	17.47 1.27 -0.28	18.30 1.35 0.00	20.37 1.60 0.00	17.01 1.40 0.00	18.80 1.60 -0.53	25.74 1.69 -8.19	26.39 1.69 -9.04	26.82 1.68 -9.93	37.14 1.73 -19.35	27.82 1.60 -11.23	27.95 2.16 -4.23	28.73 2.57 -0.30	28.23 2.44 -2.34	26.08 2.28 0.00	27.89 2.33 0.00	22.35 1.89 0.00	21.59 1.91 0.00	17.82 1.60 0.00	16.47 1.41 -0.29
CALPINE_BETH_PAGE_GT_4 323586	16.49 0.63 -8.72	16.43 0.74 -7.08	15.67 1.13 -0.05	15.37 0.93 -2.68	17.54 1.22 0.00	17.47 1.27 -0.28	18.30 1.35 0.00	20.37 1.60 0.00	17.01 1.40 0.00	18.80 1.60 -0.53	25.74 1.69 -8.19	26.39 1.69 -9.04	26.81 1.68 -9.93	37.13 1.72 -19.35	27.81 1.59 -11.23	27.94 2.15 -4.23	28.73 2.57 -0.30	28.23 2.44 -2.34	26.08 2.28 0.00	27.88 2.33 0.00	22.35 1.89 0.00	21.59 1.91 0.00	17.82 1.60 0.00	16.47 1.41 -0.29
CALPINE_BP_GT1 23823	16.49 0.63 -8.72	16.43 0.74 -7.08	15.67 1.13 -0.05	15.37 0.93 -2.68	17.54 1.22 0.00	17.47 1.27 -0.28	18.30 1.35 0.00	20.37 1.60 0.00	17.01 1.40 0.00	18.80 1.60 -0.53	25.74 1.69 -8.19	26.39 1.69 -9.04	26.81 1.68 -9.93	37.13 1.72 -19.35	27.81 1.59 -11.23	27.94 2.15 -4.23	28.73 2.57 -0.30	28.23 2.44 -2.34	26.08 2.28 0.00	27.88 2.33 0.00	22.35 1.89 0.00	21.59 1.91 0.00	17.82 1.60 0.00	16.47 1.41 -0.29
CALSPAN__DRP 24200	8.42 -0.10 -1.39	9.63 -0.10 -1.13	14.32 -0.19 -0.01	12.19 0.00 -0.43	16.23 -0.10 0.00	15.77 -0.19 -0.04	17.01 0.05 0.00	18.40 -0.37 0.00	15.39 -0.22 0.00	16.48 -0.19 0.00	15.61 -0.24 0.00	15.50 -0.15 0.00	15.04 -0.17 0.00	15.77 -0.28 0.00	14.63 -0.36 0.00	20.91 -0.65 0.00	25.04 -0.82 0.00	22.47 -0.97 0.00	22.87 -0.93 0.00	24.60 -0.96 0.00	19.85 -0.61 0.00	19.22 -0.46 0.00	15.77 -0.45 0.00	14.23 -0.54 0.00
CALVERTON__SOLAR 323806	16.52 0.67 -8.72	16.48 0.79 -7.08	15.73 1.18 -0.05	15.42 0.98 -2.68	17.62 1.30 0.00	17.52 1.32 -0.28	18.38 1.43 0.00	20.50 1.73 0.00	17.03 1.41 0.00	18.83 1.63 -0.53	25.79 1.74 -8.19	26.41 1.72 -9.04	26.81 1.67 -9.93	37.20 1.80 -19.35	27.87 1.65 -11.23	28.10 2.32 -4.23	28.95 2.79 -0.30	28.50 2.71 -2.34	26.37 2.58 0.00	28.20 2.64 0.00	22.65 2.19 0.00	21.94 2.26 0.00	18.01 1.79 0.00	16.57 1.51 -0.29
CANDIGU_WT_PWR 323617	8.87 -0.06 -1.80	10.06 0.00 -1.46	14.51 0.00 -0.01	12.43 0.11 -0.55	16.39 0.06 0.00	16.00 0.03 -0.06	17.28 0.32 0.00	18.90 0.12 0.00	15.77 0.15 0.00	16.89 0.22 0.00	16.03 0.17 0.00	15.88 0.23 0.00	15.42 0.21 0.00	16.31 0.25 0.00	15.13 0.13 0.00	21.57 0.01 0.00	25.89 0.03 0.00	23.27 -0.18 0.00	23.71 -0.09 0.00	25.49 -0.07 0.00	20.51 0.05 0.00	19.86 0.18 0.00	16.24 0.02 0.00	14.85 -0.04 -0.12
CARR STREET_E_SYR 24060	7.88 -0.09 -0.83	9.17 -0.11 -0.68	14.28 -0.23 0.00	11.89 -0.14 -0.26	16.11 -0.21 0.00	15.74 -0.21 -0.03	16.81 -0.14 0.00	18.54 -0.23 0.00	15.44 -0.18 0.00	16.49 -0.19 0.00	15.67 -0.19 0.00	15.50 -0.15 0.00	15.05 -0.16 0.00	15.91 -0.14 0.00	14.84 -0.15 0.00	21.29 -0.26 0.00	25.58 -0.29 0.00	23.15 -0.30 0.00	23.55 -0.25 0.00	25.30 -0.26 0.00	20.27 -0.19 0.00	19.50 -0.18 0.00	16.01 -0.20 0.00	14.59 -0.21 -0.03
CARTHAGE__PAPER 23857	4.90 -0.37 1.85	4.33 -0.48 3.79	13.89 -0.76 -0.15	11.03 -0.36 0.38	16.04 -0.28 0.00	15.63 -0.30 -0.01	16.47 -0.49 0.00	18.24 -0.53 0.00	15.15 -0.47 0.00	16.14 -0.53 0.00	15.33 -0.52 0.00	15.13 -0.52 0.00	14.56 -0.66 0.00	15.24 -0.82 0.00	14.25 -0.74 0.00	20.34 -1.21 0.00	24.72 -1.14 0.00	22.66 -0.79 0.00	23.31 -0.48 0.00	25.22 -0.34 0.00	20.03 -0.43 0.00	18.85 -0.83 0.00	15.52 -0.70 0.00	14.55 -0.23 -0.02

CASSADAGA_WT_PWR 323784	8.82 0.26 -1.43	10.09 0.32 -1.16	15.11 0.60 -0.01	12.85 0.64 -0.44	17.14 0.82 0.00	16.72 0.75 -0.05	18.15 1.19 0.00	19.77 1.01 0.00	16.45 0.83 0.00	17.58 0.91 0.00	16.67 0.82 0.00	16.52 0.87 0.00	15.77 0.56 0.00	16.53 0.48 0.00	15.30 0.31 0.00	21.87 0.31 0.00	26.15 0.28 0.00	23.50 0.05 0.00	23.89 0.09 0.00	25.64 0.08 0.00	20.63 0.17 0.00	19.94 0.26 0.00	16.38 0.16 0.00	14.76 -0.02 -0.02
CE_DUNWOOD___DRP 24194	16.37 0.53 -8.71	16.29 0.61 -7.07	15.50 0.95 -0.05	15.22 0.78 -2.67	17.37 1.04 0.00	17.28 1.08 -0.28	18.12 1.17 0.00	20.15 1.38 0.00	16.86 1.24 0.00	18.04 1.37 0.00	17.22 1.36 0.00	19.84 1.39 -2.79	16.92 1.39 -0.31	22.66 1.50 -5.10	26.38 1.42 -9.97	27.13 1.92 -3.66	28.21 2.34 0.00	25.57 2.13 0.00	25.87 2.08 0.00	27.77 2.21 0.00	22.20 1.74 0.00	21.35 1.66 0.00	17.58 1.36 0.00	16.30 1.23 -0.29
CE_MILLWOOD___DRP 24193	16.31 0.52 -8.66	16.24 0.60 -7.03	15.48 0.93 -0.04	15.19 0.77 -2.66	17.35 1.02 0.00	17.26 1.06 -0.28	18.10 1.14 0.00	20.12 1.35 0.00	16.83 1.21 0.00	18.00 1.33 0.00	17.18 1.32 0.00	19.77 1.35 -2.77	16.87 1.35 -0.31	22.58 1.46 -5.06	26.26 1.38 -9.89	27.05 1.86 -3.63	28.14 2.27 0.00	25.52 2.07 0.00	25.82 2.02 0.00	27.71 2.15 0.00	22.15 1.69 0.00	21.30 1.62 0.00	17.54 1.33 0.00	16.27 1.20 -0.29
CE_NYC2_DRP 24202	16.42 0.57 -8.72	16.35 0.66 -7.08	15.56 1.02 -0.05	15.28 0.84 -2.68	17.42 1.10 0.00	17.33 1.13 -0.28	18.20 1.25 0.00	20.26 1.49 0.00	16.97 1.35 0.00	18.20 1.53 0.00	17.38 1.52 0.00	20.00 1.55 -2.80	17.08 1.56 -0.31	22.84 1.67 -5.11	26.55 1.57 -9.98	27.34 2.12 -3.67	28.47 2.61 0.00	25.82 2.37 0.00	26.09 2.29 0.00	27.99 2.43 0.00	22.38 1.92 0.00	21.50 1.82 0.00	17.72 1.50 0.00	16.42 1.36 -0.29
CE_NYC_DRP 24195	16.41 0.56 -8.72	16.34 0.66 -7.08	15.56 1.02 -0.05	15.28 0.84 -2.67	17.44 1.11 0.00	17.34 1.14 -0.28	18.19 1.24 0.00	20.25 1.48 0.00	16.96 1.35 0.00	18.18 1.51 0.00	17.36 1.50 0.00	19.99 1.54 -2.80	17.07 1.54 -0.31	22.81 1.65 -5.11	26.52 1.55 -9.98	27.33 2.10 -3.67	28.45 2.58 0.00	25.78 2.33 0.00	26.07 2.27 0.00	27.97 2.41 0.00	22.35 1.89 0.00	21.48 1.80 0.00	17.71 1.49 0.00	16.41 1.35 -0.29
CHAFFEE___LFGE 323603	8.55 -0.01 -1.43	9.76 -0.01 -1.16	14.52 0.02 -0.01	12.35 0.15 -0.44	16.46 0.14 0.00	16.03 0.06 -0.05	17.34 0.38 0.00	18.81 0.04 0.00	15.66 0.04 0.00	16.71 0.04 0.00	15.83 -0.03 0.00	15.72 0.06 0.00	15.24 0.03 0.00	16.01 -0.05 0.00	14.83 -0.16 0.00	21.19 -0.37 0.00	25.35 -0.52 0.00	22.74 -0.70 0.00	23.16 -0.64 0.00	24.92 -0.64 0.00	20.11 -0.35 0.00	19.46 -0.22 0.00	15.95 -0.27 0.00	14.37 -0.41 -0.01
CHATEAUG_35_KV_LOAD 355732	-3.10 -0.34 9.90	-9.77 -0.51 17.87	10.65 -0.85 3.00	-13.60 -0.71 24.65	15.64 -0.68 0.00	15.28 -0.64 0.00	16.33 -0.62 0.00	18.33 -0.44 0.00	15.10 -0.52 0.00	16.10 -0.57 0.00	15.31 -0.55 0.00	15.11 -0.54 0.00	14.64 -0.57 0.00	15.33 -0.73 0.00	14.26 -0.73 0.00	20.59 -0.97 0.00	24.85 -1.02 0.00	22.62 -0.83 0.00	23.05 -0.75 0.00	24.99 -0.57 0.00	19.91 -0.55 0.00	18.97 -0.70 0.00	15.58 -0.63 0.00	14.09 -0.68 0.00
CHATEAUG_WT_PWR 323614	-3.30 -0.34 10.09	-10.14 -0.52 18.22	10.81 -0.88 2.81	-12.59 -0.75 23.60	15.62 -0.70 0.00	15.27 -0.65 0.00	16.34 -0.62 0.00	18.35 -0.42 0.00	15.11 -0.51 0.00	16.10 -0.57 0.00	15.32 -0.54 0.00	15.11 -0.54 0.00	14.65 -0.56 0.00	15.34 -0.71 0.00	14.24 -0.75 0.00	20.56 -1.00 0.00	24.82 -1.05 0.00	22.62 -0.83 0.00	23.05 -0.74 0.00	25.01 -0.55 0.00	19.91 -0.55 0.00	18.96 -0.71 0.00	15.56 -0.65 0.00	14.07 -0.70 0.00
CHAT_HIGH_FALL_HYD 323578	-3.10 -0.34 9.90	-9.77 -0.51 17.87	10.65 -0.85 3.00	-13.59 -0.70 24.65	15.64 -0.68 0.00	15.28 -0.64 0.00	16.33 -0.62 0.00	18.33 -0.44 0.00	15.10 -0.52 0.00	16.10 -0.57 0.00	15.32 -0.54 0.00	15.11 -0.54 0.00	14.64 -0.57 0.00	15.33 -0.72 0.00	14.26 -0.73 0.00	20.59 -0.97 0.00	24.84 -1.02 0.00	22.62 -0.83 0.00	23.05 -0.75 0.00	24.99 -0.57 0.00	19.91 -0.55 0.00	18.97 -0.70 0.00	15.58 -0.63 0.00	14.09 -0.68 0.00
CHAUTAUQUA___LFGE 323629	8.62 0.09 -1.40	9.86 0.11 -1.14	14.72 0.21 -0.01	12.51 0.32 -0.43	16.69 0.36 0.00	16.24 0.27 -0.05	17.59 0.63 0.00	19.10 0.33 0.00	15.92 0.30 0.00	17.04 0.37 0.00	16.15 0.29 0.00	16.02 0.36 0.00	15.26 0.05 0.00	16.00 -0.06 0.00	14.81 -0.18 0.00	21.18 -0.38 0.00	25.32 -0.54 0.00	22.74 -0.70 0.00	23.13 -0.66 0.00	24.87 -0.69 0.00	20.05 -0.41 0.00	19.39 -0.29 0.00	15.92 -0.29 0.00	14.36 -0.42 -0.01
CHERRYST_13_KV_LD 356241	16.43 0.58 -8.72	16.37 0.68 -7.08	15.60 1.06 -0.05	15.31 0.87 -2.67	17.49 1.16 0.00	17.39 1.19 -0.28	18.25 1.30 0.00	20.31 1.54 0.00	17.03 1.41 0.00	18.26 1.58 0.00	17.43 1.58 0.00	20.06 1.61 -2.80	17.13 1.61 -0.31	22.89 1.72 -5.11	26.59 1.61 -9.98	27.42 2.20 -3.67	28.55 2.68 0.00	25.88 2.43 0.00	26.16 2.36 0.00	28.06 2.50 0.00	22.42 1.96 0.00	21.55 1.86 0.00	17.76 1.54 0.00	16.46 1.40 -0.29
CHESTROR_138KV_BK263 355645	15.27 0.46 -7.68	15.37 0.53 -6.23	15.37 0.83 -0.04	14.80 0.68 -2.36	17.24 0.91 0.00	17.11 0.94 -0.24	17.97 1.02 0.00	19.96 1.18 0.00	16.66 1.04 0.00	17.80 1.12 0.00	16.97 1.12 0.00	19.07 1.14 -2.27	16.60 1.14 -0.25	21.46 1.24 -4.16	24.30 1.19 -8.12	26.12 1.58 -2.98	27.81 1.95 0.00	25.23 1.79 0.00	25.55 1.76 0.00	27.42 1.86 0.00	21.94 1.48 0.00	21.11 1.43 0.00	17.38 1.16 0.00	16.08 1.05 -0.26
CH_MIDHUDSON___DRP 24192	16.39 0.50 -8.76	16.31 0.59 -7.11	15.47 0.92 -0.05	15.21 0.76 -2.69	17.34 1.01 0.00	17.25 1.05 -0.28	18.08 1.13 0.00	20.10 1.33 0.00	16.80 1.18 0.00	17.95 1.28 0.00	17.11 1.25 0.00	19.66 1.27 -2.73	16.79 1.28 -0.31	22.44 1.39 -4.99	26.03 1.31 -9.73	26.92 1.78 -3.58	28.03 2.17 0.00	25.43 1.98 0.00	25.76 1.96 0.00	27.65 2.09 0.00	22.12 1.66 0.00	21.26 1.58 0.00	17.50 1.28 0.00	16.22 1.15 -0.29
CH_MISC_IPPS 23765	16.25 0.55 -8.57	16.21 0.64 -6.96	15.55 1.01 -0.04	15.23 0.83 -2.63	17.44 1.11 0.00	17.34 1.15 -0.27	18.20 1.25 0.00	20.23 1.46 0.00	16.90 1.28 0.00	18.06 1.39 0.00	17.22 1.36 0.00	19.68 1.38 -2.64	16.90 1.39 -0.29	22.39 1.52 -4.82	25.85 1.44 -9.41	26.98 1.96 -3.46	28.28 2.41 0.00	25.66 2.21 0.00	25.99 2.19 0.00	27.89 2.33 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.64 1.42 0.00	16.33 1.28 -0.29
CH_RES_BVR_FALLS 23983	-12.27 -0.28 19.12	-26.27 -0.34 34.54	13.98 -0.52 0.00	-0.49 -0.37 11.89	15.97 -0.36 0.00	15.58 -0.34 0.00	16.43 -0.52 0.00	18.23 -0.54 0.00	15.28 -0.34 0.00	16.41 -0.27 0.00	15.60 -0.26 0.00	15.34 -0.31 0.00	14.80 -0.41 0.00	15.57 -0.49 0.00	14.52 -0.47 0.00	20.91 -0.65 0.00	25.16 -0.71 0.00	22.89 -0.56 0.00	23.26 -0.54 0.00	25.02 -0.54 0.00	19.88 -0.58 0.00	18.91 -0.77 0.00	15.57 -0.65 0.00	14.38 -0.40 0.00

CH_RES_NIAGARA 23895	8.09 -0.34 -1.30	9.26 -0.40 -1.05	13.82 -0.69 -0.01	11.74 -0.42 -0.40	15.64 -0.68 0.00	15.19 -0.77 -0.04	16.36 -0.59 0.00	17.60 -1.18 0.00	14.64 -0.98 0.00	15.65 -1.03 0.00	14.82 -1.04 0.00	14.75 -0.91 0.00	14.30 -0.91 0.00	14.98 -1.07 0.00	13.89 -1.10 0.00	19.85 -1.70 0.00	23.73 -2.13 0.00	21.30 -2.15 0.00	21.67 -2.13 0.00	23.30 -2.26 0.00	18.85 -1.61 0.00	18.25 -1.43 0.00	15.00 -1.21 0.00	13.53 -1.24 0.00
CH_RES_SYRACUSE 23985	8.02 -0.05 -0.95	9.31 -0.07 -0.77	14.36 -0.15 0.00	11.97 -0.08 -0.29	16.20 -0.12 0.00	15.84 -0.11 -0.03	16.93 -0.02 0.00	18.65 -0.12 0.00	15.53 -0.08 0.00	16.57 -0.10 0.00	15.76 -0.10 0.00	15.58 -0.07 0.00	15.13 -0.08 0.00	15.99 -0.07 0.00	14.91 -0.08 0.00	21.40 -0.16 0.00	25.71 -0.15 0.00	23.27 -0.18 0.00	23.69 -0.11 0.00	25.45 -0.11 0.00	20.40 -0.06 0.00	19.61 -0.07 0.00	16.10 -0.12 0.00	14.70 -0.13 -0.06
CLINTON_WT_PWR 323605	-3.30 -0.34 10.09	-10.14 -0.52 18.22	10.81 -0.88 2.81	-12.59 -0.75 23.60	15.62 -0.70 0.00	15.27 -0.65 0.00	16.34 -0.62 0.00	18.35 -0.42 0.00	15.11 -0.51 0.00	16.10 -0.57 0.00	15.32 -0.54 0.00	15.11 -0.54 0.00	14.65 -0.56 0.00	15.34 -0.71 0.00	14.24 -0.75 0.00	20.56 -1.00 0.00	24.82 -1.05 0.00	22.62 -0.83 0.00	23.05 -0.74 0.00	25.01 -0.55 0.00	19.91 -0.55 0.00	18.96 -0.71 0.00	15.56 -0.65 0.00	14.07 -0.70 0.00
CLINTON___LFGE 323618	-3.14 -0.25 10.02	-9.93 -0.44 18.10	10.87 -0.75 2.88	-12.86 -0.66 23.96	15.73 -0.59 0.00	15.41 -0.51 0.00	16.54 -0.41 0.00	18.62 -0.15 0.00	15.33 -0.29 0.00	16.29 -0.38 0.00	15.49 -0.36 0.00	15.27 -0.38 0.00	14.82 -0.40 0.00	15.51 -0.54 0.00	14.34 -0.65 0.00	20.72 -0.84 0.00	25.03 -0.83 0.00	22.84 -0.61 0.00	23.29 -0.51 0.00	25.28 -0.28 0.00	20.14 -0.32 0.00	19.18 -0.50 0.00	15.72 -0.50 0.00	14.19 -0.59 0.00
COBBLENY_34_KV_TB1 80064	8.55 -0.02 -1.43	9.76 0.00 -1.16	14.52 0.01 -0.01	12.36 0.16 -0.44	16.46 0.14 0.00	16.04 0.07 -0.05	17.34 0.38 0.00	18.81 0.04 0.00	15.66 0.04 0.00	16.71 0.04 0.00	15.83 -0.02 0.00	15.70 0.05 0.00	15.23 0.02 0.00	15.97 -0.08 0.00	14.81 -0.18 0.00	21.17 -0.39 0.00	25.35 -0.52 0.00	22.75 -0.70 0.00	23.16 -0.64 0.00	24.92 -0.64 0.00	20.11 -0.35 0.00	19.46 -0.22 0.00	15.95 -0.27 0.00	14.39 -0.39 -0.01
COFFEEN___115KV_TB3 355620	5.38 -0.36 1.39	5.11 -0.47 3.02	13.89 -0.73 -0.13	11.19 -0.31 0.26	16.08 -0.24 0.00	15.68 -0.26 -0.02	16.55 -0.41 0.00	18.30 -0.48 0.00	15.14 -0.48 0.00	16.10 -0.57 0.00	15.30 -0.55 0.00	15.13 -0.52 0.00	14.55 -0.66 0.00	15.20 -0.85 0.00	14.22 -0.77 0.00	20.28 -1.27 0.00	24.62 -1.24 0.00	22.59 -0.85 0.00	23.30 -0.49 0.00	25.26 -0.30 0.00	20.15 -0.31 0.00	18.94 -0.74 0.00	15.56 -0.65 0.00	14.60 -0.19 -0.02
COLDSPRG_115KV_BK1 355956	9.04 0.44 -1.47	10.32 0.53 -1.19	15.45 0.94 -0.01	13.14 0.93 -0.45	17.52 1.20 0.00	17.15 1.18 -0.05	18.65 1.70 0.00	20.40 1.63 0.00	16.91 1.29 0.00	18.00 1.33 0.00	17.07 1.22 0.00	16.89 1.24 0.00	16.19 0.98 0.00	16.98 0.92 0.00	15.74 0.75 0.00	22.47 0.92 0.00	26.90 1.04 0.00	24.20 0.76 0.00	24.62 0.82 0.00	26.46 0.90 0.00	21.31 0.85 0.00	20.59 0.91 0.00	16.85 0.64 0.00	15.20 0.40 -0.03
COLONIE_LFGE___ 323577	18.99 0.28 -11.58	18.34 0.33 -9.40	15.10 0.54 -0.06	15.78 0.46 -3.55	16.94 0.61 0.00	16.87 0.57 -0.37	17.47 0.51 0.00	19.37 0.60 0.00	16.13 0.51 0.00	17.11 0.44 0.00	16.26 0.40 0.00	15.86 0.40 0.19	15.58 0.39 0.02	16.18 0.47 0.35	14.71 0.45 0.73	22.06 0.75 0.25	26.73 0.87 0.00	24.22 0.78 0.00	24.57 0.77 0.00	26.45 0.89 0.00	21.18 0.72 0.00	20.43 0.75 -0.01	16.82 0.61 0.00	15.70 0.56 -0.37
COOPERNY_115KV_TB1 80082	12.51 0.29 -5.08	13.08 0.35 -4.13	15.06 0.54 -0.03	13.78 0.45 -1.56	16.93 0.60 0.00	16.69 0.61 -0.16	17.63 0.67 0.00	19.54 0.77 0.00	16.29 0.67 0.00	17.40 0.72 0.00	16.57 0.71 0.00	17.36 0.72 -0.98	16.04 0.72 -0.11	18.64 0.79 -1.80	19.24 0.73 -3.51	23.83 0.98 -1.29	27.08 1.22 0.00	24.55 1.11 0.00	24.90 1.11 0.00	26.75 1.19 0.00	21.42 0.95 0.00	20.60 0.92 0.00	16.96 0.74 0.00	15.61 0.67 -0.17
COPENHAGEN_WT_PWR 323753	5.39 -0.48 1.27	5.18 -0.60 2.82	13.67 -0.94 -0.12	11.11 -0.43 0.23	15.93 -0.39 0.00	15.51 -0.43 -0.02	16.31 -0.65 0.00	18.08 -0.69 0.00	15.08 -0.54 0.00	16.09 -0.58 0.00	15.30 -0.56 0.00	15.13 -0.53 0.00	14.54 -0.67 0.00	15.17 -0.88 0.00	14.18 -0.82 0.00	20.22 -1.34 0.00	24.55 -1.31 0.00	22.49 -0.96 0.00	23.18 -0.62 0.00	25.05 -0.51 0.00	19.85 -0.61 0.00	18.61 -1.07 0.00	15.33 -0.89 0.00	14.49 -0.30 -0.02
CORNELL_____ 23752	9.06 0.12 -1.81	10.23 0.15 -1.47	14.73 0.22 -0.01	12.54 0.22 -0.56	16.61 0.28 0.00	16.26 0.28 -0.06	17.40 0.44 0.00	19.16 0.39 0.00	15.92 0.30 0.00	16.96 0.29 0.00	16.08 0.22 0.00	15.88 0.23 0.00	15.42 0.21 0.00	16.30 0.24 0.00	15.21 0.22 0.00	21.81 0.26 0.00	26.25 0.39 0.00	23.79 0.34 0.00	24.29 0.49 0.00	26.17 0.61 0.00	20.99 0.53 0.00	20.20 0.52 0.00	16.54 0.33 0.00	15.15 0.27 -0.11
CORONA_AAV_69_KV_TB1 355595	16.48 0.63 -8.72	16.43 0.75 -7.08	15.68 1.13 -0.05	15.37 0.93 -2.68	17.57 1.24 0.00	17.47 1.27 -0.28	18.31 1.36 0.00	20.37 1.60 0.00	17.01 1.39 0.00	18.79 1.59 -0.53	25.75 1.70 -8.19	26.42 1.72 -9.04	26.85 1.71 -9.93	37.23 1.82 -19.35	27.94 1.72 -11.23	28.07 2.29 -4.23	28.90 2.74 -0.30	28.37 2.59 -2.34	26.25 2.46 0.00	28.09 2.53 0.00	22.49 2.03 0.00	21.69 2.00 0.00	17.85 1.64 0.00	16.51 1.45 -0.29
CORTLAND_115KV_TB3 80093	8.69 0.06 -1.50	9.91 0.09 -1.22	14.62 0.11 -0.01	12.36 0.14 -0.46	16.49 0.16 0.00	16.13 0.16 -0.05	17.24 0.29 0.00	19.01 0.24 0.00	15.80 0.18 0.00	16.85 0.18 0.00	16.00 0.14 0.00	15.81 0.16 0.00	15.35 0.14 0.00	16.24 0.19 0.00	15.15 0.15 0.00	21.71 0.15 0.00	26.11 0.24 0.00	23.64 0.19 0.00	24.09 0.30 0.00	25.94 0.37 0.00	20.78 0.32 0.00	20.00 0.32 0.00	16.40 0.18 0.00	15.00 0.16 -0.07
COXSACKIE___GT 23611	18.02 0.37 -10.51	17.58 0.44 -8.53	15.31 0.75 -0.05	15.62 0.63 -3.23	17.18 0.85 0.00	17.10 0.84 -0.33	17.78 0.82 0.00	19.69 0.92 0.00	16.25 0.63 0.00	17.12 0.45 0.00	16.19 0.34 0.00	16.34 0.31 -0.37	15.55 0.29 -0.04	17.14 0.40 -0.68	16.78 0.48 -1.30	22.74 0.70 -0.49	26.70 0.83 0.00	24.35 0.90 0.00	24.82 1.03 0.00	26.88 1.32 0.00	21.59 1.13 0.00	20.78 1.09 0.00	17.07 0.85 0.00	15.88 0.78 -0.34
CPV_VALLEY___CC1 323721	15.42 0.46 -7.82	15.50 0.54 -6.35	15.37 0.83 -0.04	14.86 0.69 -2.40	17.25 0.92 0.00	17.12 0.94 -0.25	17.98 1.02 0.00	19.97 1.20 0.00	16.67 1.05 0.00	17.82 1.15 0.00	17.00 1.15 0.00	19.16 1.17 -2.35	16.64 1.17 -0.26	21.60 1.26 -4.28	24.56 1.20 -8.36	26.23 1.60 -3.07	27.84 1.98 0.00	25.25 1.80 0.00	25.56 1.76 0.00	27.43 1.87 0.00	21.94 1.48 0.00	21.11 1.43 0.00	17.39 1.17 0.00	16.10 1.06 -0.26

CPV_VALLEY___CC2 323722	15.42 0.46 -7.82	15.50 0.54 -6.35	15.37 0.83 -0.04	14.86 0.69 -2.40	17.25 0.92 0.00	17.12 0.94 -0.25	17.98 1.02 0.00	19.97 1.20 0.00	16.67 1.05 0.00	17.82 1.15 0.00	17.00 1.15 0.00	19.16 1.17 -2.35	16.64 1.17 -0.26	21.60 1.26 -4.28	24.56 1.20 -8.36	26.23 1.60 -3.07	27.84 1.98 0.00	25.25 1.80 0.00	25.56 1.76 0.00	27.43 1.87 0.00	21.94 1.48 0.00	21.11 1.43 0.00	17.39 1.17 0.00	16.10 1.06 -0.26
CRESCENT___HYD 24018	18.99 0.28 -11.58	18.34 0.33 -9.40	15.10 0.54 -0.06	15.78 0.46 -3.55	16.94 0.61 0.00	16.87 0.57 -0.37	17.47 0.51 0.00	19.37 0.60 0.00	16.13 0.51 0.00	17.11 0.44 0.00	16.26 0.40 0.00	15.86 0.40 0.19	15.58 0.39 0.02	16.18 0.47 0.35	14.71 0.45 0.73	22.06 0.75 0.25	26.73 0.87 0.00	24.22 0.78 0.00	24.57 0.77 0.00	26.45 0.89 0.00	21.18 0.72 0.00	20.43 0.75 -0.01	16.82 0.61 0.00	15.70 0.56 -0.37
CRICKET___VALLEY_CC1 323756	16.75 0.41 -9.20	16.57 0.49 -7.47	15.31 0.76 -0.05	15.22 0.63 -2.82	17.15 0.82 0.00	17.10 0.88 -0.29	17.86 0.91 0.00	19.84 1.07 0.00	16.59 0.97 0.00	17.69 1.02 0.00	16.84 0.98 0.00	19.43 0.98 -2.80	16.51 0.99 -0.31	22.23 1.07 -5.11	25.37 1.00 -9.37	26.62 1.40 -3.67	27.58 1.71 0.00	25.02 1.57 0.00	25.35 1.55 0.00	27.22 1.66 0.00	21.79 1.33 0.00	20.94 1.26 0.00	17.23 1.02 0.00	16.02 0.95 -0.31
CRICKET___VALLEY_CC2 323757	16.75 0.41 -9.20	16.57 0.49 -7.47	15.31 0.76 -0.05	15.22 0.63 -2.82	17.15 0.82 0.00	17.10 0.88 -0.29	17.86 0.91 0.00	19.84 1.07 0.00	16.59 0.97 0.00	17.69 1.02 0.00	16.84 0.98 0.00	19.43 0.98 -2.80	16.51 0.99 -0.31	22.23 1.07 -5.11	25.37 1.00 -9.37	26.62 1.40 -3.67	27.58 1.71 0.00	25.02 1.57 0.00	25.35 1.55 0.00	27.22 1.66 0.00	21.79 1.33 0.00	20.94 1.26 0.00	17.23 1.02 0.00	16.02 0.95 -0.31
CRICKET___VALLEY_CC3 323758	16.75 0.41 -9.20	16.57 0.49 -7.47	15.31 0.76 -0.05	15.22 0.63 -2.82	17.15 0.82 0.00	17.10 0.88 -0.29	17.86 0.91 0.00	19.84 1.07 0.00	16.59 0.97 0.00	17.69 1.02 0.00	16.84 0.98 0.00	19.43 0.98 -2.80	16.51 0.99 -0.31	22.23 1.07 -5.11	25.37 1.00 -9.37	26.62 1.40 -3.67	27.58 1.71 0.00	25.02 1.57 0.00	25.35 1.55 0.00	27.22 1.66 0.00	21.79 1.33 0.00	20.94 1.26 0.00	17.23 1.02 0.00	16.02 0.95 -0.31
CRUCIBLE_METL_DRP 24180	8.02 -0.05 -0.95	9.31 -0.07 -0.77	14.36 -0.15 0.00	11.97 -0.07 -0.29	16.21 -0.12 0.00	15.84 -0.11 -0.03	16.93 -0.02 0.00	18.65 -0.12 0.00	15.53 -0.09 0.00	16.57 -0.10 0.00	15.76 -0.09 0.00	15.58 -0.08 0.00	15.12 -0.09 0.00	15.98 -0.07 0.00	14.91 -0.09 0.00	21.40 -0.16 0.00	25.71 -0.16 0.00	23.27 -0.18 0.00	23.69 -0.11 0.00	25.45 -0.11 0.00	20.40 -0.06 0.00	19.61 -0.07 0.00	16.10 -0.12 0.00	14.70 -0.13 -0.06
DAHOWA___HYDRO 323763	19.22 0.28 -11.80	18.51 0.32 -9.58	15.08 0.52 -0.06	15.85 0.46 -3.62	16.91 0.59 0.00	16.89 0.59 -0.38	17.53 0.57 0.00	19.41 0.64 0.00	16.12 0.50 0.00	17.07 0.40 0.00	16.22 0.36 0.00	15.75 0.35 0.25	15.54 0.36 0.03	16.06 0.45 0.45	14.51 0.44 0.92	22.05 0.81 0.32	26.82 0.95 0.00	24.33 0.89 0.00	24.73 0.93 0.00	26.66 1.10 0.00	21.35 0.89 0.00	20.56 0.87 -0.01	16.91 0.69 0.00	15.76 0.61 -0.37
DANC___LFGE 323619	6.18 -0.36 0.60	6.46 -0.45 1.70	13.87 -0.72 -0.08	11.34 -0.36 0.07	15.94 -0.39 0.00	15.54 -0.40 -0.02	16.44 -0.52 0.00	18.17 -0.60 0.00	15.13 -0.48 0.00	16.14 -0.53 0.00	15.36 -0.50 0.00	15.20 -0.46 0.00	14.66 -0.55 0.00	15.38 -0.67 0.00	14.36 -0.63 0.00	20.53 -1.03 0.00	24.80 -1.07 0.00	22.60 -0.84 0.00	23.19 -0.61 0.00	25.02 -0.54 0.00	19.95 -0.51 0.00	18.89 -0.79 0.00	15.54 -0.68 0.00	14.47 -0.32 -0.02
DANSKAMMER___1 23586	16.25 0.55 -8.57	16.21 0.64 -6.96	15.55 1.01 -0.04	15.23 0.83 -2.63	17.44 1.11 0.00	17.34 1.15 -0.27	18.20 1.25 0.00	20.23 1.46 0.00	16.90 1.28 0.00	18.06 1.39 0.00	17.22 1.36 0.00	19.68 1.38 -2.64	16.90 1.39 -0.29	22.39 1.52 -4.82	25.85 1.44 -9.41	26.98 1.96 -3.46	28.28 2.41 0.00	25.66 2.21 0.00	25.99 2.19 0.00	27.89 2.33 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.64 1.42 0.00	16.33 1.28 -0.29
DANSKAMMER___2 23589	16.25 0.55 -8.57	16.21 0.64 -6.96	15.55 1.01 -0.04	15.23 0.83 -2.63	17.44 1.11 0.00	17.34 1.15 -0.27	18.20 1.25 0.00	20.23 1.46 0.00	16.90 1.28 0.00	18.06 1.39 0.00	17.22 1.36 0.00	19.68 1.38 -2.64	16.90 1.39 -0.29	22.39 1.52 -4.82	25.85 1.44 -9.41	26.98 1.96 -3.46	28.28 2.41 0.00	25.66 2.21 0.00	25.99 2.19 0.00	27.89 2.33 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.64 1.42 0.00	16.33 1.28 -0.29
DANSKAMMER___3 23590	16.25 0.55 -8.57	16.21 0.64 -6.96	15.55 1.01 -0.04	15.23 0.83 -2.63	17.44 1.11 0.00	17.34 1.15 -0.27	18.20 1.25 0.00	20.23 1.46 0.00	16.90 1.28 0.00	18.06 1.39 0.00	17.22 1.36 0.00	19.68 1.38 -2.64	16.90 1.39 -0.29	22.39 1.52 -4.82	25.85 1.44 -9.41	26.98 1.96 -3.46	28.28 2.41 0.00	25.66 2.21 0.00	25.99 2.19 0.00	27.89 2.33 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.64 1.42 0.00	16.33 1.28 -0.29
DANSKAMMER___4 23591	16.25 0.55 -8.57	16.21 0.64 -6.96	15.55 1.01 -0.04	15.23 0.83 -2.63	17.44 1.11 0.00	17.34 1.15 -0.27	18.20 1.25 0.00	20.23 1.46 0.00	16.90 1.28 0.00	18.06 1.39 0.00	17.22 1.36 0.00	19.68 1.38 -2.64	16.90 1.39 -0.29	22.39 1.52 -4.82	25.85 1.44 -9.41	26.98 1.96 -3.46	28.28 2.41 0.00	25.66 2.21 0.00	25.99 2.19 0.00	27.89 2.33 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.64 1.42 0.00	16.33 1.28 -0.29
DANSKAMMER___DIESEL 23592	16.25 0.55 -8.57	16.21 0.64 -6.96	15.55 1.01 -0.04	15.22 0.83 -2.63	17.44 1.11 0.00	17.35 1.15 -0.27	18.20 1.25 0.00	20.23 1.46 0.00	16.90 1.28 0.00	18.06 1.39 0.00	17.22 1.36 0.00	19.68 1.39 -2.64	16.90 1.39 -0.29	22.41 1.53 -4.82	25.85 1.45 -9.41	26.98 1.96 -3.46	28.28 2.41 0.00	25.66 2.21 0.00	25.99 2.19 0.00	27.89 2.33 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.64 1.42 0.00	16.33 1.27 -0.29
DARBY___SOLAR 323810	19.19 0.29 -11.77	18.49 0.32 -9.55	15.09 0.53 -0.06	15.83 0.45 -3.61	16.92 0.60 0.00	16.89 0.59 -0.37	17.54 0.58 0.00	19.42 0.65 0.00	16.15 0.53 0.00	17.11 0.44 0.00	16.26 0.40 0.00	15.81 0.39 0.24	15.59 0.41 0.03	16.11 0.49 0.43	14.58 0.48 0.89	22.09 0.84 0.31	26.85 0.99 0.00	24.36 0.92 0.00	24.74 0.94 0.00	26.65 1.10 0.00	21.34 0.88 0.00	20.56 0.87 -0.01	16.91 0.70 0.00	15.76 0.61 -0.37
DASHVILLE___HYD 23610	16.41 0.55 -8.72	16.33 0.65 -7.08	15.56 1.01 -0.05	15.26 0.82 -2.67	17.46 1.13 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.31 1.54 0.00	17.01 1.39 0.00	18.22 1.55 0.00	17.41 1.56 0.00	19.15 1.63 -1.87	17.04 1.62 -0.21	21.27 1.79 -3.42	23.34 1.68 -6.66	26.20 2.19 -2.45	28.52 2.66 0.00	25.93 2.48 0.00	26.21 2.41 0.00	28.09 2.53 0.00	22.47 2.01 0.00	21.58 1.89 0.00	17.74 1.53 0.00	16.41 1.36 -0.29

DEERFIELD_69_KV_DEERFIELD LD 355887	16.66 0.81 -8.72	16.63 0.95 -7.08	16.00 1.46 -0.05	15.64 1.19 -2.68	17.93 1.61 0.00	17.85 1.65 -0.28	18.76 1.80 0.00	20.91 2.14 0.00	17.37 1.75 0.00	19.21 2.01 -0.53	26.16 2.10 -8.19	26.79 2.09 -9.04	27.17 2.03 -9.93	37.58 2.17 -19.35	28.23 2.01 -11.23	28.65 2.86 -4.23	29.63 3.47 -0.30	29.12 3.33 -2.34	27.02 3.22 0.00	28.89 3.33 0.00	23.20 2.74 0.00	22.46 2.78 0.00	18.42 2.20 0.00	16.91 1.85 -0.29
DELAWARE___LFGE 323621	10.44 0.24 -3.07	11.40 0.30 -2.49	14.98 0.46 -0.02	13.11 0.41 -0.94	16.86 0.54 0.00	16.55 0.53 -0.10	17.58 0.63 0.00	19.44 0.67 0.00	16.19 0.58 0.00	17.28 0.61 0.00	16.43 0.57 0.00	16.24 0.58 0.00	15.77 0.55 0.00	16.67 0.61 0.00	15.55 0.56 0.00	22.31 0.75 0.00	26.82 0.95 0.00	24.29 0.84 0.00	24.68 0.88 0.00	26.53 0.97 0.00	21.24 0.78 0.00	20.45 0.77 0.00	16.81 0.59 0.00	15.41 0.53 -0.11
DERFIELD_115KV_TB7 355931	7.55 0.00 -0.42	9.36 0.00 -0.76	14.49 -0.01 0.00	12.04 0.01 -0.26	16.34 0.02 0.00	15.93 0.00 0.00	16.97 0.02 0.00	18.77 0.00 0.00	15.63 0.02 0.00	16.69 0.02 0.00	15.86 0.00 0.00	15.66 0.01 0.00	15.21 0.00 0.00	16.07 0.02 0.00	14.99 0.00 0.00	21.56 0.00 0.00	25.89 0.02 0.00	23.47 0.02 0.00	23.82 0.02 0.00	25.61 0.05 0.00	20.49 0.03 0.00	19.72 0.04 0.00	16.23 0.02 0.00	14.80 0.03 0.00
DOGLEVILLE___HYD 23807	7.52 -0.03 -0.42	9.33 -0.03 -0.76	14.39 -0.11 0.00	11.94 -0.09 -0.26	16.15 -0.17 0.00	15.71 -0.21 0.00	16.73 -0.22 0.00	18.55 -0.22 0.00	15.37 -0.25 0.00	16.29 -0.38 0.00	15.48 -0.38 0.00	15.28 -0.38 0.00	14.83 -0.38 0.00	15.69 -0.37 0.00	14.63 -0.37 0.00	21.05 -0.51 0.00	25.25 -0.62 0.00	22.98 -0.46 0.00	23.35 -0.45 0.00	25.28 -0.28 0.00	20.29 -0.17 0.00	19.68 0.00 0.00	16.19 -0.03 0.00	14.72 -0.06 0.00
DUNKIRK___115KV_TB_200 55889	8.59 0.06 -1.40	9.83 0.09 -1.14	14.67 0.16 -0.01	12.49 0.29 -0.43	16.63 0.31 0.00	16.19 0.22 -0.04	17.52 0.56 0.00	19.01 0.24 0.00	15.85 0.23 0.00	16.97 0.30 0.00	16.09 0.23 0.00	15.94 0.28 0.00	15.20 -0.01 0.00	15.90 -0.15 0.00	14.75 -0.24 0.00	21.09 -0.47 0.00	25.24 -0.62 0.00	22.66 -0.78 0.00	23.06 -0.73 0.00	24.79 -0.77 0.00	19.99 -0.47 0.00	19.34 -0.33 0.00	15.88 -0.34 0.00	14.33 -0.44 0.00
DUNKIRK___1 23563	8.59 0.06 -1.40	9.83 0.09 -1.14	14.67 0.16 -0.01	12.49 0.29 -0.43	16.63 0.31 0.00	16.19 0.22 -0.04	17.52 0.56 0.00	19.01 0.24 0.00	15.85 0.23 0.00	16.97 0.30 0.00	16.09 0.23 0.00	15.94 0.28 0.00	15.20 -0.01 0.00	15.90 -0.15 0.00	14.75 -0.24 0.00	21.09 -0.47 0.00	25.24 -0.62 0.00	22.66 -0.78 0.00	23.06 -0.73 0.00	24.79 -0.77 0.00	19.99 -0.47 0.00	19.34 -0.33 0.00	15.88 -0.34 0.00	14.33 -0.44 0.00
DUNKIRK___2 23564	8.59 0.06 -1.40	9.83 0.09 -1.14	14.67 0.16 -0.01	12.49 0.29 -0.43	16.63 0.31 0.00	16.19 0.22 -0.04	17.52 0.56 0.00	19.01 0.24 0.00	15.85 0.23 0.00	16.97 0.30 0.00	16.09 0.23 0.00	15.94 0.28 0.00	15.20 -0.01 0.00	15.90 -0.15 0.00	14.75 -0.24 0.00	21.09 -0.47 0.00	25.24 -0.62 0.00	22.66 -0.78 0.00	23.06 -0.73 0.00	24.79 -0.77 0.00	19.99 -0.47 0.00	19.34 -0.33 0.00	15.88 -0.34 0.00	14.33 -0.44 0.00
DUNKIRK___3 23565	8.55 0.02 -1.39	9.78 0.04 -1.13	14.58 0.08 -0.01	12.41 0.22 -0.43	16.54 0.21 0.00	16.10 0.13 -0.04	17.40 0.45 0.00	18.87 0.10 0.00	15.75 0.13 0.00	16.86 0.19 0.00	15.98 0.12 0.00	15.83 0.18 0.00	15.14 -0.07 0.00	15.85 -0.20 0.00	14.70 -0.29 0.00	21.02 -0.54 0.00	25.16 -0.70 0.00	22.59 -0.85 0.00	22.99 -0.81 0.00	24.72 -0.84 0.00	19.94 -0.52 0.00	19.30 -0.39 0.00	15.84 -0.38 0.00	14.30 -0.48 0.00
DUNKIRK___4 23566	8.55 0.02 -1.39	9.78 0.04 -1.13	14.58 0.08 -0.01	12.41 0.22 -0.43	16.54 0.21 0.00	16.10 0.13 -0.04	17.40 0.45 0.00	18.87 0.10 0.00	15.75 0.13 0.00	16.86 0.19 0.00	15.98 0.12 0.00	15.83 0.18 0.00	15.14 -0.07 0.00	15.85 -0.20 0.00	14.70 -0.29 0.00	21.02 -0.54 0.00	25.16 -0.70 0.00	22.59 -0.85 0.00	22.99 -0.81 0.00	24.72 -0.84 0.00	19.94 -0.52 0.00	19.30 -0.39 0.00	15.84 -0.38 0.00	14.30 -0.48 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	16.39 0.54 -8.72	16.31 0.63 -7.08	15.52 0.97 -0.05	15.24 0.80 -2.68	17.39 1.06 0.00	17.30 1.10 -0.28	18.14 1.19 0.00	20.18 1.41 0.00	16.89 1.27 0.00	18.08 1.41 0.00	17.26 1.40 0.00	19.88 1.43 -2.80	16.96 1.43 -0.31	22.72 1.55 -5.11	26.44 1.46 -9.98	27.20 1.98 -3.67	28.29 2.42 0.00	25.65 2.20 0.00	25.94 2.15 0.00	27.84 2.28 0.00	22.26 1.80 0.00	21.41 1.72 0.00	17.63 1.41 0.00	16.34 1.27 -0.29
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	15.90 0.51 -8.26	15.91 0.59 -6.70	15.47 0.92 -0.04	15.06 0.76 -2.53	17.35 1.03 0.00	17.24 1.05 -0.26	18.10 1.15 0.00	20.11 1.34 0.00	16.80 1.18 0.00	17.96 1.28 0.00	17.12 1.27 0.00	19.43 1.29 -2.48	16.78 1.29 -0.28	22.01 1.42 -4.53	25.18 1.34 -8.85	26.60 1.79 -3.25	28.07 2.21 0.00	25.48 2.03 0.00	25.80 2.00 0.00	27.69 2.13 0.00	22.16 1.70 0.00	21.30 1.62 0.00	17.54 1.32 0.00	16.23 1.19 -0.28
E179THST_138_KV_TB4_REV_LBMP_J 345001	16.41 0.55 -8.72	16.34 0.65 -7.08	15.54 1.00 -0.05	15.26 0.82 -2.68	17.39 1.07 0.00	17.31 1.11 -0.28	18.19 1.24 0.00	20.24 1.47 0.00	16.95 1.33 0.00	18.16 1.49 0.00	17.35 1.49 0.00	19.95 1.50 -2.80	17.03 1.50 -0.31	22.77 1.60 -5.11	26.49 1.51 -9.98	27.25 2.03 -3.67	28.37 2.50 0.00	25.72 2.28 0.00	25.99 2.19 0.00	27.92 2.36 0.00	22.31 1.85 0.00	21.45 1.77 0.00	17.68 1.47 0.00	16.39 1.33 -0.29
E179THST_13_KV_LOAD 356214	16.43 0.58 -8.72	16.37 0.69 -7.08	15.60 1.05 -0.05	15.30 0.87 -2.68	17.45 1.12 0.00	17.37 1.17 -0.28	18.26 1.30 0.00	20.32 1.55 0.00	17.02 1.40 0.00	18.24 1.57 0.00	17.43 1.57 0.00	20.03 1.58 -2.80	17.10 1.58 -0.31	22.86 1.69 -5.11	26.57 1.59 -9.98	27.37 2.14 -3.67	28.51 2.65 0.00	25.85 2.41 0.00	26.11 2.31 0.00	28.06 2.50 0.00	22.42 1.96 0.00	21.56 1.88 0.00	17.77 1.55 0.00	16.46 1.40 -0.29
EAST HAMPTON___GT 23717	16.74 0.88 -8.72	16.73 1.04 -7.08	16.16 1.61 -0.05	15.78 1.34 -2.68	18.11 1.79 0.00	18.03 1.83 -0.28	18.96 2.00 0.00	21.11 2.34 0.00	17.53 1.91 0.00	19.41 2.21 -0.53	26.34 2.29 -8.19	26.96 2.26 -9.04	27.33 2.20 -9.93	37.75 2.34 -19.35	28.39 2.17 -11.23	28.88 3.10 -4.23	29.94 3.78 -0.30	29.42 3.63 -2.34	27.34 3.54 0.00	29.23 3.67 0.00	23.49 3.03 0.00	22.73 3.04 0.00	18.62 2.40 0.00	17.09 2.02 -0.29
EAST RIVER___6 23660	16.43 0.58 -8.72	16.37 0.69 -7.08	15.61 1.07 -0.05	15.32 0.88 -2.67	17.49 1.17 0.00	17.40 1.20 -0.28	18.26 1.30 0.00	20.32 1.54 0.00	17.04 1.42 0.00	18.27 1.59 0.00	17.44 1.58 0.00	20.06 1.61 -2.80	17.13 1.61 -0.31	22.87 1.71 -5.11	26.58 1.60 -9.98	27.41 2.19 -3.67	28.55 2.68 0.00	25.88 2.43 0.00	26.15 2.36 0.00	28.04 2.48 0.00	22.42 1.96 0.00	21.55 1.87 0.00	17.77 1.55 0.00	16.46 1.40 -0.29

EAST RIVER___7 23524	16.43 0.58 -8.72	16.37 0.69 -7.08	15.61 1.07 -0.05	15.32 0.88 -2.67	17.49 1.17 0.00	17.40 1.20 -0.28	18.26 1.30 0.00	20.32 1.54 0.00	17.04 1.42 0.00	18.27 1.59 0.00	17.44 1.58 0.00	20.06 1.61 -2.80	17.13 1.61 -0.31	22.87 1.71 -5.11	26.58 1.60 -9.98	27.41 2.19 -3.67	28.55 2.68 0.00	25.88 2.43 0.00	26.15 2.36 0.00	28.04 2.48 0.00	22.42 1.96 0.00	21.55 1.87 0.00	17.77 1.55 0.00	16.46 1.40 -0.29
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	16.37 0.53 -8.71	16.29 0.61 -7.07	15.50 0.95 -0.05	15.22 0.78 -2.67	17.37 1.04 0.00	17.28 1.08 -0.28	18.12 1.17 0.00	20.15 1.38 0.00	16.86 1.24 0.00	18.04 1.37 0.00	17.22 1.36 0.00	19.84 1.39 -2.79	16.92 1.39 -0.31	22.66 1.50 -5.10	26.38 1.42 -9.97	27.13 1.92 -3.66	28.21 2.34 0.00	25.57 2.13 0.00	25.87 2.08 0.00	27.77 2.21 0.00	22.20 1.74 0.00	21.35 1.66 0.00	17.58 1.36 0.00	16.30 1.23 -0.29
EAST_HAMPTON___DIESEL 23722	16.74 0.88 -8.72	16.73 1.04 -7.08	16.16 1.62 -0.05	15.78 1.34 -2.68	18.11 1.79 0.00	18.03 1.83 -0.28	18.96 2.01 0.00	21.11 2.35 0.00	17.53 1.91 0.00	19.41 2.21 -0.53	26.34 2.29 -8.19	26.96 2.26 -9.04	27.33 2.20 -9.93	37.75 2.34 -19.35	28.39 2.17 -11.23	28.88 3.10 -4.23	29.95 3.78 -0.30	29.42 3.63 -2.34	27.34 3.54 0.00	29.24 3.68 0.00	23.50 3.04 0.00	22.73 3.05 0.00	18.62 2.41 0.00	17.09 2.02 -0.29
EAST_PULASKI___ESR 323781	6.96 -0.24 -0.07	7.73 -0.30 0.57	14.00 -0.50 0.00	11.30 -0.29 0.17	15.95 -0.37 0.00	15.57 -0.37 -0.02	16.56 -0.39 0.00	18.26 -0.51 0.00	15.20 -0.42 0.00	16.22 -0.46 0.00	15.43 -0.43 0.00	15.26 -0.39 0.00	14.79 -0.42 0.00	15.58 -0.48 0.00	14.53 -0.46 0.00	20.83 -0.73 0.00	25.06 -0.81 0.00	22.74 -0.71 0.00	23.21 -0.59 0.00	24.99 -0.57 0.00	20.03 -0.43 0.00	19.15 -0.53 0.00	15.73 -0.48 0.00	14.46 -0.34 -0.02
EAST_RIVER___1 323558	16.41 0.56 -8.72	16.35 0.66 -7.08	15.57 1.02 -0.05	15.28 0.84 -2.67	17.44 1.11 0.00	17.34 1.14 -0.28	18.19 1.24 0.00	20.25 1.48 0.00	16.96 1.35 0.00	18.18 1.51 0.00	17.36 1.50 0.00	19.99 1.53 -2.80	17.06 1.54 -0.31	22.80 1.63 -5.11	26.52 1.54 -9.98	27.32 2.10 -3.67	28.44 2.58 0.00	25.78 2.33 0.00	26.07 2.27 0.00	27.97 2.41 0.00	22.35 1.89 0.00	21.48 1.80 0.00	17.71 1.49 0.00	16.42 1.36 -0.29
EAST_RIVER___2 323559	16.43 0.58 -8.72	16.37 0.69 -7.08	15.61 1.07 -0.05	15.32 0.88 -2.67	17.49 1.17 0.00	17.40 1.20 -0.28	18.26 1.30 0.00	20.32 1.54 0.00	17.04 1.42 0.00	18.27 1.59 0.00	17.44 1.58 0.00	20.06 1.61 -2.80	17.13 1.61 -0.31	22.87 1.71 -5.11	26.58 1.60 -9.98	27.41 2.19 -3.67	28.55 2.68 0.00	25.88 2.43 0.00	26.15 2.36 0.00	28.04 2.48 0.00	22.42 1.96 0.00	21.55 1.87 0.00	17.77 1.55 0.00	16.46 1.40 -0.29
EAST___DELAWARE_HYD 23607	14.76 0.58 -7.05	15.07 0.74 -5.72	15.73 1.19 -0.04	14.93 1.00 -2.16	17.75 1.43 0.00	17.42 1.27 -0.22	18.33 1.37 0.00	20.32 1.55 0.00	17.01 1.39 0.00	18.18 1.51 0.00	17.33 1.48 0.00	18.78 1.51 -1.62	16.89 1.50 -0.18	20.47 1.45 -2.96	21.69 0.92 -5.79	24.86 1.17 -2.13	27.38 1.51 0.00	24.85 1.40 0.00	25.27 1.48 0.00	27.24 1.68 0.00	22.17 1.71 0.00	21.33 1.65 0.00	17.54 1.32 0.00	16.15 1.14 -0.23
EIGHT_POINT___WT_PWR 323820	8.79 -0.01 -1.68	10.00 0.03 -1.36	14.58 0.07 -0.01	12.46 0.18 -0.51	16.48 0.15 0.00	16.09 0.12 -0.05	17.46 0.51 0.00	19.06 0.29 0.00	15.87 0.25 0.00	17.05 0.38 0.00	16.20 0.34 0.00	16.04 0.38 0.00	15.58 0.37 0.00	16.45 0.39 0.00	15.26 0.26 0.00	21.77 0.21 0.00	26.11 0.24 0.00	23.46 0.01 0.00	23.95 0.15 0.00	25.71 0.16 0.00	20.73 0.27 0.00	20.05 0.37 0.00	16.39 0.17 0.00	14.97 0.08 -0.12
ELBRIDGE_115KV_TB2 80188	8.05 -0.07 -0.99	9.32 -0.09 -0.80	14.33 -0.17 0.00	11.96 -0.11 -0.30	16.16 -0.16 0.00	15.81 -0.14 -0.03	16.90 -0.05 0.00	18.60 -0.17 0.00	15.50 -0.12 0.00	16.53 -0.14 0.00	15.73 -0.13 0.00	15.55 -0.11 0.00	15.09 -0.12 0.00	15.93 -0.12 0.00	14.86 -0.13 0.00	21.35 -0.20 0.00	25.63 -0.23 0.00	23.19 -0.26 0.00	23.63 -0.16 0.00	25.38 -0.18 0.00	20.36 -0.10 0.00	19.56 -0.12 0.00	16.06 -0.15 0.00	14.69 -0.15 -0.07
ELEC_TRO_TEK 24086	16.46 0.61 -8.72	16.40 0.71 -7.08	15.64 1.09 -0.05	15.33 0.89 -2.68	17.51 1.18 0.00	17.43 1.23 -0.28	18.26 1.31 0.00	20.32 1.54 0.00	16.96 1.34 0.00	18.74 1.54 -0.53	25.68 1.63 -8.19	26.35 1.65 -9.04	26.79 1.65 -9.93	37.16 1.75 -19.35	27.85 1.63 -11.23	27.99 2.21 -4.23	28.78 2.62 -0.30	28.26 2.47 -2.34	26.13 2.33 0.00	27.97 2.41 0.00	22.40 1.95 0.00	21.61 1.92 0.00	17.78 1.56 0.00	16.44 1.38 -0.29
ELLENBURG_WT_PWR 323604	-3.30 -0.34 10.09	-10.14 -0.52 18.22	10.81 -0.88 2.81	-12.59 -0.75 23.60	15.62 -0.70 0.00	15.27 -0.65 0.00	16.34 -0.62 0.00	18.35 -0.42 0.00	15.11 -0.51 0.00	16.10 -0.57 0.00	15.32 -0.54 0.00	15.11 -0.54 0.00	14.65 -0.56 0.00	15.34 -0.71 0.00	14.24 -0.75 0.00	20.56 -1.00 0.00	24.82 -1.05 0.00	22.62 -0.83 0.00	23.05 -0.74 0.00	25.01 -0.55 0.00	19.91 -0.55 0.00	18.96 -0.71 0.00	15.56 -0.65 0.00	14.07 -0.70 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	8.35 -0.14 -1.36	9.55 -0.16 -1.10	14.23 -0.28 -0.01	12.10 -0.08 -0.42	16.12 -0.20 0.00	15.67 -0.30 -0.04	16.89 -0.07 0.00	18.26 -0.51 0.00	15.26 -0.36 0.00	16.34 -0.33 0.00	15.48 -0.38 0.00	15.37 -0.29 0.00	14.91 -0.30 0.00	15.63 -0.43 0.00	14.49 -0.50 0.00	20.72 -0.84 0.00	24.81 -1.05 0.00	22.26 -1.18 0.00	22.66 -1.14 0.00	24.37 -1.19 0.00	19.67 -0.79 0.00	19.04 -0.64 0.00	15.63 -0.59 0.00	14.11 -0.66 0.00
EMPIRE_CC_1 323656	18.46 0.24 -11.09	17.90 0.29 -9.00	15.03 0.47 -0.06	15.57 0.41 -3.40	16.86 0.54 0.00	16.71 0.44 -0.35	17.25 0.30 0.00	19.14 0.37 0.00	15.95 0.33 0.00	16.95 0.28 0.00	16.16 0.31 0.00	15.86 0.30 0.10	15.52 0.32 0.01	16.23 0.36 0.19	14.90 0.35 0.45	21.91 0.48 0.13	26.40 0.53 0.00	23.91 0.46 0.00	24.25 0.45 0.00	26.09 0.53 0.00	20.88 0.42 0.00	20.14 0.46 0.00	16.61 0.39 0.00	15.51 0.39 -0.35
EMPIRE_CC_2 323658	18.46 0.24 -11.09	17.90 0.29 -9.00	15.03 0.47 -0.06	15.57 0.41 -3.40	16.86 0.54 0.00	16.71 0.44 -0.35	17.25 0.30 0.00	19.14 0.37 0.00	15.95 0.33 0.00	16.95 0.28 0.00	16.16 0.31 0.00	15.86 0.30 0.10	15.52 0.32 0.01	16.23 0.36 0.19	14.90 0.35 0.45	21.91 0.48 0.13	26.40 0.53 0.00	23.91 0.46 0.00	24.25 0.45 0.00	26.09 0.53 0.00	20.88 0.42 0.00	20.14 0.46 0.00	16.61 0.39 0.00	15.51 0.39 -0.35
ENORWICH_115KV_TB1 80156	9.92 0.43 -2.36	11.02 0.49 -1.92	15.26 0.74 -0.01	13.20 0.71 -0.72	17.30 0.98 0.00	16.99 0.99 -0.07	18.21 1.26 0.00	20.01 1.24 0.00	16.49 0.87 0.00	17.48 0.80 0.00	16.50 0.64 0.00	16.30 0.65 0.00	15.77 0.56 0.00	16.71 0.65 0.00	15.58 0.58 0.00	22.40 0.84 0.00	27.07 1.21 0.00	24.39 0.94 0.00	25.17 1.37 0.00	27.32 1.76 0.00	22.00 1.55 0.00	21.14 1.46 0.00	17.26 1.04 0.00	15.75 0.87 -0.11

ERIE_ST__34_KV_TB1-2 80199	8.52 -0.03 -1.42	9.73 -0.02 -1.15	14.47 -0.04 -0.01	12.30 0.10 -0.43	16.38 0.06 0.00	15.92 -0.05 -0.05	17.18 0.23 0.00	18.63 -0.14 0.00	15.59 -0.03 0.00	16.70 0.02 0.00	15.82 -0.04 0.00	15.69 0.04 0.00	15.22 0.02 0.00	15.98 -0.07 0.00	14.83 -0.16 0.00	21.19 -0.37 0.00	25.38 -0.49 0.00	22.77 -0.68 0.00	23.16 -0.64 0.00	24.91 -0.65 0.00	20.09 -0.37 0.00	19.45 -0.23 0.00	15.96 -0.26 0.00	14.42 -0.35 0.00
ERIE_WT_PWR 323693	8.43 -0.09 -1.39	9.63 -0.10 -1.13	14.33 -0.17 -0.01	12.18 -0.01 -0.43	16.25 -0.08 0.00	15.79 -0.18 -0.04	17.02 0.07 0.00	18.42 -0.35 0.00	15.40 -0.22 0.00	16.49 -0.18 0.00	15.62 -0.24 0.00	15.52 -0.13 0.00	15.07 -0.14 0.00	15.82 -0.23 0.00	14.65 -0.34 0.00	20.94 -0.62 0.00	25.07 -0.79 0.00	22.50 -0.95 0.00	22.89 -0.90 0.00	24.62 -0.94 0.00	19.87 -0.59 0.00	19.24 -0.44 0.00	15.79 -0.43 0.00	14.23 -0.54 0.00
ESPRGFLD_115KV_TB1 80157	5.46 0.41 2.09	7.39 0.48 1.70	15.28 0.79 0.01	11.78 0.65 0.64	17.22 0.90 0.00	16.85 0.99 0.07	18.17 1.21 0.00	20.04 1.27 0.00	16.64 1.02 0.00	17.79 1.12 0.00	16.88 1.02 0.00	16.52 1.02 0.15	16.13 0.94 0.02	16.72 0.95 0.28	15.27 0.85 0.57	22.48 1.12 0.20	27.27 1.40 0.00	24.80 1.35 0.00	25.26 1.46 0.00	27.21 1.65 0.00	21.80 1.34 0.00	21.00 1.32 0.00	17.24 1.03 0.00	15.61 0.91 0.07
ETNA_115_KV_TB1_REV_LBMP_C 345029	9.05 0.11 -1.81	10.21 0.14 -1.47	14.71 0.20 -0.01	12.53 0.21 -0.55	16.59 0.26 0.00	16.25 0.27 -0.06	17.38 0.42 0.00	19.13 0.36 0.00	15.90 0.28 0.00	16.94 0.27 0.00	16.06 0.20 0.00	15.87 0.21 0.00	15.40 0.19 0.00	16.28 0.23 0.00	15.20 0.20 0.00	21.79 0.23 0.00	26.22 0.35 0.00	23.75 0.31 0.00	24.26 0.46 0.00	26.13 0.57 0.00	20.96 0.50 0.00	20.17 0.48 0.00	16.52 0.31 0.00	15.13 0.26 -0.10
ETNA____115KV_TB2 80207	9.05 0.11 -1.81	10.21 0.14 -1.47	14.71 0.20 -0.01	12.53 0.21 -0.55	16.59 0.26 0.00	16.25 0.27 -0.06	17.38 0.42 0.00	19.13 0.36 0.00	15.90 0.28 0.00	16.94 0.27 0.00	16.06 0.20 0.00	15.87 0.21 0.00	15.40 0.19 0.00	16.28 0.23 0.00	15.20 0.20 0.00	21.79 0.23 0.00	26.22 0.35 0.00	23.75 0.31 0.00	24.26 0.46 0.00	26.13 0.57 0.00	20.96 0.50 0.00	20.17 0.48 0.00	16.52 0.31 0.00	15.13 0.26 -0.10
EUCLID____115KV_TB2 356179	7.79 -0.14 -0.79	9.09 -0.16 -0.64	14.20 -0.31 0.00	11.81 -0.20 -0.25	16.03 -0.30 0.00	15.65 -0.30 -0.03	16.71 -0.24 0.00	18.43 -0.34 0.00	15.35 -0.27 0.00	16.38 -0.29 0.00	15.57 -0.28 0.00	15.40 -0.25 0.00	14.95 -0.26 0.00	15.80 -0.25 0.00	14.74 -0.26 0.00	21.15 -0.41 0.00	25.41 -0.46 0.00	23.00 -0.45 0.00	23.39 -0.41 0.00	25.14 -0.42 0.00	20.14 -0.32 0.00	19.37 -0.31 0.00	15.91 -0.30 0.00	14.50 -0.29 -0.03
E_CANADA_CAP_HY 24051	21.83 0.49 -14.21	20.71 0.57 -11.53	15.54 0.96 -0.07	16.92 0.80 -4.36	17.39 1.07 0.00	17.57 1.19 -0.45	18.35 1.39 0.00	20.23 1.46 0.00	16.78 1.16 0.00	17.92 1.25 0.00	16.97 1.11 0.00	16.51 1.09 0.23	16.19 1.01 0.03	16.61 0.97 0.42	15.02 0.88 0.85	22.46 1.21 0.30	27.36 1.49 0.00	24.99 1.54 0.00	25.42 1.62 0.00	27.41 1.85 0.00	21.99 1.53 0.00	21.22 1.53 -0.01	17.43 1.22 0.00	16.31 1.09 -0.45
E_CANADA_MHWK_HY 24050	7.52 -0.03 -0.42	9.33 -0.03 -0.76	14.39 -0.11 0.00	11.94 -0.09 -0.26	16.15 -0.17 0.00	15.71 -0.21 0.00	16.73 -0.22 0.00	18.55 -0.22 0.00	15.37 -0.25 0.00	16.29 -0.38 0.00	15.48 -0.38 0.00	15.28 -0.38 0.00	14.83 -0.38 0.00	15.69 -0.37 0.00	14.63 -0.37 0.00	21.05 -0.51 0.00	25.25 -0.62 0.00	22.98 -0.46 0.00	23.35 -0.45 0.00	25.28 -0.28 0.00	20.29 -0.17 0.00	19.68 0.00 0.00	16.19 -0.03 0.00	14.72 -0.06 0.00
E_FISHKILL____LBMP 23776	16.43 0.48 -8.82	16.32 0.56 -7.16	15.41 0.86 -0.05	15.18 0.71 -2.71	17.27 0.95 0.00	17.18 0.98 -0.28	18.00 1.05 0.00	20.01 1.24 0.00	16.73 1.11 0.00	17.88 1.21 0.00	17.04 1.19 0.00	19.71 1.21 -2.85	16.74 1.21 -0.32	22.57 1.31 -5.20	26.38 1.23 -10.15	26.94 1.66 -3.73	27.88 2.02 0.00	25.29 1.84 0.00	25.61 1.81 0.00	27.48 1.92 0.00	21.98 1.52 0.00	21.14 1.46 0.00	17.41 1.19 0.00	16.15 1.08 -0.30
FALCON____SEABRD_CC1 323796	-3.16 -0.25 10.05	-9.98 -0.43 18.15	10.89 -0.75 2.85	-12.72 -0.66 23.83	15.71 -0.61 0.00	15.42 -0.50 0.00	16.54 -0.41 0.00	18.64 -0.13 0.00	15.34 -0.28 0.00	16.30 -0.37 0.00	15.52 -0.34 0.00	15.31 -0.34 0.00	14.85 -0.36 0.00	15.54 -0.51 0.00	14.35 -0.64 0.00	20.72 -0.84 0.00	25.01 -0.86 0.00	22.82 -0.63 0.00	23.26 -0.54 0.00	25.25 -0.31 0.00	20.11 -0.36 0.00	19.14 -0.54 0.00	15.70 -0.52 0.00	14.17 -0.60 0.00
FALCON____SEABRD_CC2 323797	-3.16 -0.25 10.05	-9.98 -0.43 18.15	10.89 -0.75 2.85	-12.72 -0.66 23.83	15.71 -0.61 0.00	15.42 -0.50 0.00	16.54 -0.41 0.00	18.64 -0.13 0.00	15.34 -0.28 0.00	16.30 -0.37 0.00	15.52 -0.34 0.00	15.31 -0.34 0.00	14.85 -0.36 0.00	15.54 -0.51 0.00	14.35 -0.64 0.00	20.72 -0.84 0.00	25.01 -0.86 0.00	22.82 -0.63 0.00	23.26 -0.54 0.00	25.25 -0.31 0.00	20.11 -0.36 0.00	19.14 -0.54 0.00	15.70 -0.52 0.00	14.17 -0.60 0.00
FAR ROCKAWAY____4 23548	16.53 0.68 -8.72	16.49 0.80 -7.08	15.77 1.22 -0.05	15.44 1.00 -2.68	17.67 1.35 0.00	17.57 1.37 -0.28	18.42 1.47 0.00	20.50 1.73 0.00	17.12 1.50 0.00	18.92 1.72 -0.53	25.87 1.82 -8.19	26.55 1.85 -9.04	26.97 1.83 -9.93	37.31 1.90 -19.35	28.07 1.85 -11.23	28.12 2.33 -4.23	28.96 2.80 -0.30	28.43 2.64 -2.34	26.30 2.50 0.00	28.15 2.59 0.00	22.52 2.06 0.00	21.76 2.08 0.00	17.98 1.77 0.00	16.62 1.55 -0.29
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	16.41 0.56 -8.72	16.34 0.66 -7.08	15.56 1.02 -0.05	15.28 0.84 -2.68	17.43 1.11 0.00	17.34 1.14 -0.28	18.19 1.24 0.00	20.25 1.48 0.00	16.95 1.34 0.00	18.17 1.50 0.00	17.35 1.49 0.00	19.98 1.53 -2.80	17.05 1.53 -0.31	22.80 1.64 -5.11	26.52 1.54 -9.98	27.31 2.09 -3.67	28.43 2.56 0.00	25.77 2.33 0.00	26.06 2.26 0.00	27.97 2.41 0.00	22.35 1.89 0.00	21.48 1.80 0.00	17.71 1.49 0.00	16.41 1.35 -0.29
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	16.42 0.56 -8.72	16.35 0.66 -7.08	15.57 1.03 -0.05	15.28 0.84 -2.68	17.44 1.12 0.00	17.35 1.15 -0.28	18.20 1.25 0.00	20.26 1.49 0.00	16.97 1.35 0.00	18.18 1.51 0.00	17.36 1.50 0.00	19.99 1.54 -2.80	17.07 1.54 -0.31	22.81 1.65 -5.11	26.53 1.55 -9.98	27.34 2.11 -3.67	28.45 2.58 0.00	25.80 2.35 0.00	26.08 2.28 0.00	27.99 2.43 0.00	22.37 1.91 0.00	21.50 1.82 0.00	17.72 1.51 0.00	16.42 1.36 -0.29
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	16.41 0.56 -8.72	16.34 0.65 -7.08	15.56 1.01 -0.05	15.27 0.84 -2.68	17.43 1.10 0.00	17.33 1.14 -0.28	18.19 1.23 0.00	20.24 1.47 0.00	16.95 1.33 0.00	18.17 1.50 0.00	17.35 1.49 0.00	19.98 1.52 -2.80	17.05 1.53 -0.31	22.80 1.63 -5.11	26.51 1.53 -9.98	27.31 2.09 -3.67	28.42 2.55 0.00	25.77 2.32 0.00	26.06 2.26 0.00	27.96 2.40 0.00	22.34 1.89 0.00	21.48 1.79 0.00	17.70 1.49 0.00	16.41 1.34 -0.29

FARRAGUT___LBMP 323566	16.41 0.55 -8.72	16.33 0.65 -7.08	15.55 1.00 -0.05	15.26 0.82 -2.68	17.42 1.09 0.00	17.32 1.12 -0.28	18.17 1.22 0.00	20.22 1.45 0.00	16.93 1.32 0.00	18.15 1.48 0.00	17.33 1.47 0.00	19.96 1.51 -2.80	17.04 1.51 -0.31	22.78 1.61 -5.11	26.50 1.52 -9.98	27.29 2.06 -3.67	28.39 2.53 0.00	25.74 2.29 0.00	26.03 2.23 0.00	27.94 2.38 0.00	22.33 1.87 0.00	21.46 1.78 0.00	17.69 1.47 0.00	16.39 1.33 -0.29
FENNER___WINDPWR 24204	8.20 0.05 -1.02	9.48 0.04 -0.83	14.55 0.05 0.00	12.18 0.10 -0.31	16.49 0.17 0.00	16.11 0.15 -0.03	17.19 0.23 0.00	18.97 0.20 0.00	15.76 0.15 0.00	16.81 0.14 0.00	15.98 0.12 0.00	15.79 0.13 0.00	15.32 0.11 0.00	16.20 0.14 0.00	15.10 0.11 0.00	21.64 0.09 0.00	26.06 0.19 0.00	23.60 0.15 0.00	24.09 0.29 0.00	25.95 0.40 0.00	20.76 0.30 0.00	19.93 0.25 0.00	16.35 0.14 0.00	14.94 0.12 -0.05
FIBERTEK___ENERGY 23856	8.02 -0.05 -0.95	9.31 -0.07 -0.77	14.36 -0.15 0.00	11.97 -0.07 -0.29	16.21 -0.12 0.00	15.84 -0.11 -0.03	16.93 -0.02 0.00	18.65 -0.12 0.00	15.53 -0.09 0.00	16.57 -0.10 0.00	15.76 -0.09 0.00	15.58 -0.08 0.00	15.12 -0.09 0.00	15.98 -0.07 0.00	14.91 -0.09 0.00	21.40 -0.16 0.00	25.71 -0.16 0.00	23.27 -0.18 0.00	23.69 -0.11 0.00	25.45 -0.11 0.00	20.40 -0.06 0.00	19.61 -0.07 0.00	16.10 -0.12 0.00	14.70 -0.13 -0.06
FITZPATRICK____ 23598	7.53 -0.25 -0.65	8.83 -0.30 -0.53	13.98 -0.52 0.00	11.58 -0.38 -0.20	15.78 -0.55 0.00	15.40 -0.54 -0.02	16.44 -0.51 0.00	18.13 -0.64 0.00	15.10 -0.52 0.00	16.12 -0.55 0.00	15.32 -0.53 0.00	15.15 -0.51 0.00	14.71 -0.50 0.00	15.53 -0.52 0.00	14.49 -0.50 0.00	20.80 -0.76 0.00	24.98 -0.88 0.00	22.61 -0.83 0.00	22.99 -0.81 0.00	24.71 -0.85 0.00	19.80 -0.66 0.00	19.05 -0.63 0.00	15.66 -0.56 0.00	14.27 -0.53 -0.02
FLOWRFLD_69_KV_BK1 356044	16.56 0.71 -8.72	16.50 0.81 -7.08	15.78 1.24 -0.05	15.44 1.00 -2.68	17.65 1.32 0.00	17.61 1.42 -0.28	18.47 1.52 0.00	20.58 1.81 0.00	17.14 1.53 0.00	18.94 1.75 -0.53	25.90 1.85 -8.19	26.56 1.86 -9.04	26.95 1.81 -9.93	37.36 1.95 -19.35	28.01 1.79 -11.23	28.29 2.51 -4.23	29.11 2.95 -0.30	28.60 2.82 -2.34	26.46 2.66 0.00	28.27 2.71 0.00	22.69 2.23 0.00	21.99 2.31 0.00	18.06 1.84 0.00	16.65 1.59 -0.29
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	16.30 0.56 -8.61	16.25 0.65 -6.99	15.57 1.02 -0.04	15.25 0.84 -2.64	17.46 1.13 0.00	17.37 1.17 -0.27	18.23 1.28 0.00	20.26 1.49 0.00	16.93 1.31 0.00	18.09 1.42 0.00	17.25 1.39 0.00	19.73 1.41 -2.67	16.93 1.42 -0.30	22.48 1.56 -4.87	25.98 1.47 -9.51	27.06 2.01 -3.49	28.33 2.46 0.00	25.70 2.26 0.00	26.04 2.24 0.00	27.94 2.39 0.00	22.35 1.89 0.00	21.48 1.79 0.00	17.67 1.45 0.00	16.36 1.30 -0.29
FORT ORANGE____ 23900	18.60 0.18 -11.29	17.98 0.21 -9.16	14.90 0.34 -0.06	15.53 0.30 -3.46	16.72 0.40 0.00	16.63 0.35 -0.36	17.24 0.28 0.00	19.12 0.35 0.00	15.91 0.29 0.00	16.91 0.24 0.00	16.08 0.22 0.00	15.66 0.21 0.21	15.41 0.22 0.02	15.93 0.26 0.39	14.48 0.29 0.80	21.71 0.43 0.28	26.34 0.48 0.00	23.90 0.46 0.00	24.25 0.45 0.00	26.11 0.55 0.00	20.93 0.47 0.00	20.14 0.45 -0.01	16.60 0.38 0.00	15.51 0.38 -0.36
FORT_DRUM_COGEN 23780	5.19 -0.40 1.54	4.82 -0.53 3.26	13.81 -0.82 -0.13	11.09 -0.38 0.30	16.00 -0.32 0.00	15.60 -0.34 -0.02	16.43 -0.52 0.00	18.20 -0.58 0.00	15.12 -0.51 0.00	16.10 -0.57 0.00	15.31 -0.55 0.00	15.13 -0.53 0.00	14.54 -0.67 0.00	15.21 -0.85 0.00	14.22 -0.77 0.00	20.28 -1.27 0.00	24.63 -1.24 0.00	22.57 -0.88 0.00	23.25 -0.55 0.00	25.15 -0.40 0.00	19.99 -0.47 0.00	18.80 -0.88 0.00	15.46 -0.75 0.00	14.53 -0.25 -0.02
FPL_FAR_ROCK_GT1 24212	16.53 0.68 -8.72	16.49 0.80 -7.08	15.77 1.22 -0.05	15.45 1.01 -2.68	17.67 1.35 0.00	17.58 1.38 -0.28	18.42 1.47 0.00	20.50 1.73 0.00	17.12 1.50 0.00	18.92 1.72 -0.53	25.87 1.82 -8.19	26.54 1.85 -9.04	26.97 1.83 -9.93	37.29 1.88 -19.35	28.06 1.85 -11.23	28.11 2.33 -4.23	28.97 2.80 -0.30	28.43 2.64 -2.34	26.30 2.50 0.00	28.15 2.59 0.00	22.53 2.07 0.00	21.76 2.08 0.00	17.98 1.77 0.00	16.62 1.55 -0.29
FPL_FAR_ROCK_GT2 23815	16.53 0.68 -8.72	16.49 0.80 -7.08	15.77 1.22 -0.05	15.45 1.01 -2.68	17.67 1.35 0.00	17.58 1.38 -0.28	18.42 1.47 0.00	20.50 1.73 0.00	17.12 1.50 0.00	18.92 1.72 -0.53	25.87 1.82 -8.19	26.54 1.85 -9.04	26.97 1.83 -9.93	37.29 1.88 -19.35	28.06 1.85 -11.23	28.11 2.33 -4.23	28.97 2.80 -0.30	28.43 2.64 -2.34	26.30 2.50 0.00	28.15 2.59 0.00	22.53 2.07 0.00	21.76 2.08 0.00	17.98 1.77 0.00	16.62 1.55 -0.29
FRANKLIN_FALL_HYD 24054	-2.61 -0.31 9.43	-8.89 -0.47 17.02	15.56 -0.78 -1.83	16.56 -0.65 -5.44	15.69 -0.64 0.00	15.33 -0.60 0.00	16.38 -0.57 0.00	18.36 -0.42 0.00	15.13 -0.49 0.00	16.16 -0.52 0.00	15.36 -0.50 0.00	15.14 -0.51 0.00	14.68 -0.54 0.00	15.38 -0.67 0.00	14.33 -0.66 0.00	20.69 -0.87 0.00	24.93 -0.93 0.00	22.70 -0.75 0.00	23.12 -0.68 0.00	25.02 -0.54 0.00	19.94 -0.52 0.00	19.02 -0.66 0.00	15.62 -0.60 0.00	14.15 -0.62 0.00
FREEPORT_EQUS_GT1 23764	16.50 0.65 -8.72	16.45 0.76 -7.08	15.70 1.15 -0.05	15.39 0.95 -2.68	17.57 1.24 0.00	17.50 1.29 -0.28	18.33 1.38 0.00	20.39 1.62 0.00	17.03 1.41 0.00	18.81 1.61 -0.53	25.76 1.71 -8.19	26.42 1.72 -9.04	26.85 1.71 -9.93	37.22 1.81 -19.35	27.90 1.68 -11.23	28.00 2.22 -4.23	28.83 2.66 -0.30	28.32 2.53 -2.34	26.19 2.39 0.00	28.02 2.46 0.00	22.45 1.99 0.00	21.71 2.03 0.00	17.87 1.65 0.00	16.52 1.46 -0.29
FREEPORT___CT2 23818	16.50 0.65 -8.72	16.45 0.76 -7.08	15.70 1.15 -0.05	15.39 0.95 -2.68	17.57 1.24 0.00	17.50 1.29 -0.28	18.33 1.38 0.00	20.39 1.62 0.00	17.03 1.41 0.00	18.81 1.61 -0.53	25.76 1.71 -8.19	26.42 1.72 -9.04	26.85 1.71 -9.93	37.22 1.81 -19.35	27.90 1.68 -11.23	28.00 2.22 -4.23	28.83 2.66 -0.30	28.32 2.53 -2.34	26.19 2.39 0.00	28.02 2.46 0.00	22.45 1.99 0.00	21.71 2.03 0.00	17.87 1.65 0.00	16.52 1.46 -0.29
FRESHKLS_33_KV_LOAD 356253	16.41 0.56 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.27 0.83 -2.68	17.42 1.09 0.00	17.32 1.12 -0.28	18.18 1.23 0.00	20.20 1.43 0.00	16.89 1.27 0.00	18.15 1.48 0.00	17.35 1.49 0.00	19.98 1.53 -2.80	17.06 1.53 -0.31	22.86 1.69 -5.11	26.57 1.59 -9.98	27.34 2.12 -3.67	28.52 2.65 0.00	25.91 2.46 0.00	26.14 2.34 0.00	28.05 2.49 0.00	22.47 2.00 0.00	21.60 1.92 -0.01	17.77 1.55 0.00	16.43 1.37 -0.29
FULTON COGEN____ 23766	7.71 -0.20 -0.77	8.99 -0.24 -0.63	14.10 -0.41 0.00	11.72 -0.28 -0.24	15.91 -0.41 0.00	15.54 -0.40 -0.03	16.55 -0.41 0.00	18.25 -0.52 0.00	15.18 -0.44 0.00	16.20 -0.47 0.00	15.41 -0.45 0.00	15.25 -0.40 0.00	14.81 -0.41 0.00	15.64 -0.42 0.00	14.59 -0.41 0.00	20.93 -0.63 0.00	25.33 -0.54 0.00	22.86 -0.58 0.00	23.25 -0.55 0.00	24.99 -0.57 0.00	20.03 -0.43 0.00	19.26 -0.42 0.00	15.82 -0.40 0.00	14.42 -0.38 -0.03

FULTON___LFGE 323630	21.15 0.61 -13.40	20.21 0.72 -10.88	15.76 1.19 -0.07	16.86 0.99 -4.11	17.75 1.43 0.00	17.75 1.40 -0.43	18.55 1.60 0.00	20.65 1.88 0.00	17.04 1.42 0.00	18.07 1.40 0.00	17.07 1.21 0.00	16.57 1.18 0.26	16.29 1.11 0.03	16.48 0.91 0.48	14.69 0.66 0.96	22.15 0.93 0.34	27.48 1.62 0.00	25.25 1.80 0.00	25.74 1.95 0.00	28.05 2.49 0.00	22.47 2.01 0.00	21.64 1.95 -0.01	17.73 1.51 0.00	16.52 1.32 -0.43
G.F.CEMENT___DRP 24184	19.24 0.25 -11.86	18.50 0.27 -9.62	14.99 0.43 -0.06	15.78 0.38 -3.64	16.81 0.48 0.00	16.81 0.51 -0.38	17.46 0.50 0.00	19.34 0.57 0.00	16.05 0.43 0.00	17.00 0.33 0.00	16.16 0.30 0.00	15.67 0.28 0.26	15.49 0.30 0.03	15.98 0.40 0.48	14.41 0.39 0.98	21.98 0.76 0.34	26.75 0.88 0.00	24.29 0.85 0.00	24.70 0.90 0.00	26.64 1.08 0.00	21.33 0.87 0.00	20.51 0.82 -0.01	16.87 0.65 0.00	15.71 0.57 -0.38
GARDENVILLE___LBMP 24039	8.40 -0.11 -1.38	9.61 -0.12 -1.12	14.29 -0.21 -0.01	12.16 -0.02 -0.42	16.19 -0.13 0.00	15.74 -0.22 -0.04	16.97 0.02 0.00	18.36 -0.41 0.00	15.35 -0.27 0.00	16.44 -0.23 0.00	15.58 -0.28 0.00	15.45 -0.20 0.00	14.99 -0.22 0.00	15.72 -0.34 0.00	14.58 -0.42 0.00	20.84 -0.72 0.00	24.96 -0.91 0.00	22.39 -1.05 0.00	22.79 -1.00 0.00	24.52 -1.05 0.00	19.78 -0.68 0.00	19.15 -0.53 0.00	15.72 -0.50 0.00	14.19 -0.58 0.00
GARDNVLA_35_KV_LD 355827	8.43 -0.09 -1.39	9.64 -0.09 -1.13	14.33 -0.17 -0.01	12.20 0.01 -0.43	16.24 -0.08 0.00	15.79 -0.18 -0.04	17.02 0.07 0.00	18.42 -0.35 0.00	15.41 -0.21 0.00	16.51 -0.16 0.00	15.64 -0.22 0.00	15.53 -0.13 0.00	15.08 -0.13 0.00	15.81 -0.25 0.00	14.66 -0.33 0.00	20.96 -0.60 0.00	25.11 -0.75 0.00	22.52 -0.92 0.00	22.93 -0.87 0.00	24.67 -0.89 0.00	19.90 -0.56 0.00	19.27 -0.42 0.00	15.80 -0.42 0.00	14.26 -0.51 0.00
GELCKHM___115KV_LOAD 80723	7.88 -0.11 -0.86	9.17 -0.13 -0.70	14.26 -0.25 0.00	11.87 -0.15 -0.26	16.09 -0.24 0.00	15.72 -0.23 -0.03	16.79 -0.16 0.00	18.51 -0.26 0.00	15.42 -0.20 0.00	16.45 -0.22 0.00	15.65 -0.21 0.00	15.47 -0.19 0.00	15.02 -0.19 0.00	15.87 -0.19 0.00	14.80 -0.19 0.00	21.25 -0.31 0.00	25.52 -0.35 0.00	23.10 -0.34 0.00	23.50 -0.29 0.00	25.25 -0.31 0.00	20.23 -0.23 0.00	19.46 -0.22 0.00	15.98 -0.24 0.00	14.58 -0.23 -0.04
GENERAL___MILLS 23808	8.42 -0.10 -1.39	9.63 -0.10 -1.13	14.32 -0.19 -0.01	12.19 0.00 -0.43	16.23 -0.10 0.00	15.77 -0.19 -0.04	17.01 0.05 0.00	18.40 -0.37 0.00	15.39 -0.22 0.00	16.48 -0.19 0.00	15.61 -0.24 0.00	15.50 -0.15 0.00	15.04 -0.17 0.00	15.77 -0.28 0.00	14.63 -0.36 0.00	20.91 -0.65 0.00	25.04 -0.82 0.00	22.47 -0.97 0.00	22.87 -0.93 0.00	24.60 -0.96 0.00	19.85 -0.61 0.00	19.22 -0.46 0.00	15.77 -0.45 0.00	14.23 -0.54 0.00
GE_PLASTICS___DRP 24183	18.61 0.18 -11.31	18.00 0.21 -9.18	14.91 0.35 -0.06	15.53 0.30 -3.47	16.73 0.41 0.00	16.64 0.36 -0.36	17.25 0.30 0.00	19.13 0.36 0.00	15.94 0.32 0.00	16.96 0.29 0.00	16.11 0.25 0.00	15.55 0.21 0.32	15.36 0.18 0.04	15.68 0.20 0.58	14.05 0.22 1.16	21.48 0.34 0.41	26.23 0.37 0.00	23.78 0.33 0.00	24.11 0.32 0.00	25.96 0.40 0.00	20.79 0.34 0.00	20.02 0.34 -0.01	16.50 0.28 0.00	15.45 0.31 -0.36
GILBOA___1 23756	15.98 0.23 -8.62	15.91 0.30 -7.00	15.02 0.48 -0.04	14.82 0.41 -2.65	16.87 0.55 0.00	16.67 0.48 -0.27	17.44 0.48 0.00	19.32 0.55 0.00	16.10 0.49 0.00	17.17 0.50 0.00	16.33 0.47 0.00	15.61 0.48 0.52	15.63 0.48 0.06	15.62 0.52 0.96	13.63 0.50 1.86	21.57 0.70 0.69	26.73 0.86 0.00	24.22 0.78 0.00	24.57 0.77 0.00	26.40 0.84 0.00	21.13 0.67 0.00	20.35 0.67 0.00	16.76 0.54 0.00	15.55 0.50 -0.28
GILBOA___2 23757	15.98 0.23 -8.62	15.91 0.30 -7.00	15.02 0.48 -0.04	14.82 0.41 -2.65	16.87 0.55 0.00	16.67 0.48 -0.27	17.44 0.48 0.00	19.32 0.55 0.00	16.10 0.49 0.00	17.17 0.50 0.00	16.33 0.47 0.00	15.61 0.48 0.52	15.63 0.48 0.06	15.62 0.52 0.96	13.63 0.50 1.86	21.57 0.70 0.69	26.73 0.86 0.00	24.22 0.78 0.00	24.57 0.77 0.00	26.40 0.84 0.00	21.13 0.67 0.00	20.35 0.67 0.00	16.76 0.54 0.00	15.55 0.50 -0.28
GILBOA___3 23758	15.98 0.23 -8.62	15.91 0.30 -7.00	15.02 0.48 -0.04	14.82 0.41 -2.65	16.87 0.55 0.00	16.67 0.48 -0.27	17.44 0.48 0.00	19.32 0.55 0.00	16.10 0.49 0.00	17.17 0.50 0.00	16.33 0.47 0.00	15.61 0.48 0.52	15.63 0.48 0.06	15.62 0.52 0.96	13.63 0.50 1.86	21.57 0.70 0.69	26.73 0.86 0.00	24.22 0.78 0.00	24.57 0.77 0.00	26.40 0.84 0.00	21.13 0.67 0.00	20.35 0.67 0.00	16.76 0.54 0.00	15.55 0.50 -0.28
GILBOA___4 23759	15.98 0.23 -8.62	15.91 0.30 -7.00	15.02 0.48 -0.04	14.82 0.41 -2.65	16.87 0.55 0.00	16.67 0.48 -0.27	17.44 0.48 0.00	19.32 0.55 0.00	16.10 0.49 0.00	17.17 0.50 0.00	16.33 0.47 0.00	15.61 0.48 0.52	15.63 0.48 0.06	15.62 0.52 0.96	13.63 0.50 1.86	21.57 0.70 0.69	26.73 0.86 0.00	24.22 0.78 0.00	24.57 0.77 0.00	26.40 0.84 0.00	21.13 0.67 0.00	20.35 0.67 0.00	16.76 0.54 0.00	15.55 0.50 -0.28
GILBOA___ 23599	15.98 0.23 -8.62	15.91 0.30 -7.00	15.02 0.48 -0.04	14.82 0.41 -2.65	16.87 0.55 0.00	16.67 0.48 -0.27	17.44 0.48 0.00	19.32 0.55 0.00	16.10 0.49 0.00	17.17 0.50 0.00	16.33 0.47 0.00	15.61 0.48 0.52	15.63 0.48 0.06	15.62 0.53 0.96	13.63 0.50 1.86	21.57 0.70 0.69	26.73 0.86 0.00	24.22 0.78 0.00	24.57 0.77 0.00	26.40 0.84 0.00	21.14 0.68 0.00	20.35 0.67 0.00	16.76 0.54 0.00	15.55 0.50 -0.28
GINNA___ 23603	7.76 -0.42 -1.04	8.94 -0.51 -0.85	13.61 -0.90 0.00	11.44 -0.65 -0.32	15.39 -0.94 0.00	15.01 -0.95 -0.03	16.10 -0.86 0.00	17.61 -1.16 0.00	14.69 -0.93 0.00	15.69 -0.99 0.00	14.88 -0.97 0.00	14.76 -0.90 0.00	14.34 -0.87 0.00	15.09 -0.96 0.00	14.03 -0.95 0.01	20.14 -1.42 0.00	24.15 -1.71 0.00	21.83 -1.61 0.00	22.21 -1.59 0.00	23.88 -1.68 0.00	19.20 -1.26 0.00	18.51 -1.17 0.00	15.18 -1.04 0.00	13.66 -1.04 0.08
GLEN PARK___ 23778	5.34 -0.38 1.41	5.07 -0.49 3.05	13.86 -0.77 -0.13	11.17 -0.34 0.26	16.04 -0.28 0.00	15.65 -0.29 -0.02	16.50 -0.45 0.00	18.26 -0.51 0.00	15.12 -0.50 0.00	16.08 -0.59 0.00	15.29 -0.56 0.00	15.12 -0.53 0.00	14.54 -0.67 0.00	15.19 -0.86 0.00	14.21 -0.78 0.00	20.27 -1.29 0.00	24.60 -1.26 0.00	22.57 -0.88 0.00	23.28 -0.52 0.00	25.22 -0.34 0.00	20.09 -0.37 0.00	18.89 -0.79 0.00	15.53 -0.69 0.00	14.58 -0.21 -0.02
GLENDALE_27_KV_LOAD 356172	16.44 0.59 -8.72	16.38 0.69 -7.08	15.61 1.06 -0.05	15.31 0.87 -2.68	17.48 1.15 0.00	17.39 1.19 -0.28	18.27 1.32 0.00	20.34 1.57 0.00	17.05 1.43 0.00	18.28 1.60 0.00	17.46 1.60 0.00	20.08 1.63 -2.80	17.16 1.64 -0.31	22.92 1.76 -5.11	26.63 1.65 -9.98	27.47 2.24 -3.67	28.62 2.75 0.00	25.95 2.50 0.00	26.22 2.42 0.00	28.14 2.58 0.00	22.48 2.02 0.00	21.61 1.92 0.00	17.80 1.58 0.00	16.49 1.43 -0.29

GLENWOOD_IC_1_G5 23712	16.47 0.61 -8.72	16.40 0.71 -7.08	15.65 1.10 -0.05	15.34 0.90 -2.68	17.53 1.20 0.00	17.44 1.24 -0.28	18.28 1.33 0.00	20.34 1.57 0.00	17.00 1.38 0.00	18.77 1.57 -0.53	25.68 1.63 -8.19	26.36 1.67 -9.04	26.80 1.66 -9.93	37.20 1.79 -19.35	27.90 1.68 -11.23	28.07 2.29 -4.23	28.92 2.75 -0.30	28.33 2.54 -2.34	26.24 2.44 0.00	28.11 2.55 0.00	22.49 2.03 0.00	21.66 1.97 0.00	17.80 1.59 0.00	16.47 1.41 -0.29
GLENWOOD_IC_2_G1 23688	16.43 0.58 -8.72	16.36 0.68 -7.08	15.59 1.05 -0.05	15.30 0.86 -2.68	17.46 1.13 0.00	17.37 1.18 -0.28	18.22 1.26 0.00	20.26 1.50 0.00	16.94 1.32 0.00	18.69 1.49 -0.53	25.59 1.53 -8.19	26.25 1.55 -9.04	26.69 1.56 -9.93	37.07 1.66 -19.35	27.78 1.56 -11.23	27.90 2.12 -4.23	28.72 2.56 -0.30	28.15 2.36 -2.34	26.07 2.28 0.00	27.95 2.39 0.00	22.37 1.91 0.00	21.53 1.85 0.00	17.71 1.49 0.00	16.40 1.34 -0.29
GLENWOOD_IC_3_G1 23689	16.43 0.58 -8.72	16.36 0.68 -7.08	15.59 1.05 -0.05	15.30 0.86 -2.68	17.46 1.13 0.00	17.37 1.18 -0.28	18.22 1.26 0.00	20.26 1.50 0.00	16.94 1.32 0.00	18.69 1.49 -0.53	25.59 1.53 -8.19	26.25 1.55 -9.04	26.69 1.56 -9.93	37.07 1.66 -19.35	27.78 1.56 -11.23	27.90 2.12 -4.23	28.72 2.56 -0.30	28.15 2.36 -2.34	26.07 2.28 0.00	27.95 2.39 0.00	22.37 1.91 0.00	21.53 1.85 0.00	17.71 1.49 0.00	16.40 1.34 -0.29
GLENWOOD___4 23550	16.47 0.61 -8.72	16.40 0.71 -7.08	15.65 1.10 -0.05	15.34 0.90 -2.68	17.53 1.20 0.00	17.44 1.24 -0.28	18.28 1.33 0.00	20.34 1.57 0.00	17.00 1.38 0.00	18.77 1.57 -0.53	25.68 1.63 -8.19	26.36 1.67 -9.04	26.80 1.66 -9.93	37.20 1.79 -19.35	27.90 1.68 -11.23	28.07 2.29 -4.23	28.92 2.75 -0.30	28.33 2.54 -2.34	26.24 2.44 0.00	28.11 2.55 0.00	22.49 2.03 0.00	21.66 1.97 0.00	17.80 1.59 0.00	16.47 1.41 -0.29
GLENWOOD___5 23614	16.47 0.61 -8.72	16.40 0.71 -7.08	15.65 1.10 -0.05	15.34 0.90 -2.68	17.53 1.20 0.00	17.44 1.24 -0.28	18.28 1.33 0.00	20.34 1.57 0.00	17.00 1.38 0.00	18.77 1.57 -0.53	25.68 1.63 -8.19	26.36 1.67 -9.04	26.80 1.66 -9.93	37.20 1.79 -19.35	27.90 1.68 -11.23	28.07 2.29 -4.23	28.92 2.75 -0.30	28.33 2.54 -2.34	26.24 2.44 0.00	28.11 2.55 0.00	22.49 2.03 0.00	21.66 1.97 0.00	17.80 1.59 0.00	16.47 1.41 -0.29
GLOBAL GREEN_PORT_GT1 23814	16.72 0.86 -8.72	16.70 1.01 -7.08	16.11 1.57 -0.05	15.74 1.30 -2.68	18.05 1.73 0.00	17.98 1.78 -0.28	18.90 1.95 0.00	21.06 2.29 0.00	17.48 1.87 0.00	19.36 2.16 -0.53	26.29 2.24 -8.19	26.91 2.21 -9.04	27.29 2.15 -9.93	37.70 2.29 -19.35	28.34 2.12 -11.23	28.82 3.03 -4.23	29.87 3.71 -0.30	29.35 3.56 -2.34	27.26 3.46 0.00	29.15 3.59 0.00	23.42 2.96 0.00	22.66 2.98 0.00	18.56 2.35 0.00	17.04 1.98 -0.29
GLOBE___DSASP 323697	8.07 -0.36 -1.30	9.24 -0.42 -1.05	13.79 -0.71 -0.01	11.74 -0.43 -0.40	15.61 -0.71 0.00	15.17 -0.80 -0.04	16.33 -0.62 0.00	17.55 -1.22 0.00	14.60 -1.02 0.00	15.61 -1.06 0.00	14.79 -1.06 0.00	14.69 -0.97 0.00	14.25 -0.96 0.00	14.91 -1.15 0.00	13.83 -1.15 0.00	19.79 -1.77 0.00	23.67 -2.19 0.00	21.24 -2.20 0.00	21.61 -2.18 0.00	23.25 -2.31 0.00	18.80 -1.66 0.00	18.21 -1.47 0.00	14.97 -1.25 0.00	13.52 -1.25 0.00
GOETHSLN___LBMP 323567	16.36 0.51 -8.72	16.29 0.60 -7.08	15.47 0.92 -0.05	15.20 0.76 -2.68	17.33 1.00 0.00	17.23 1.03 -0.28	18.07 1.12 0.00	20.10 1.33 0.00	16.83 1.22 0.00	18.04 1.37 0.00	17.23 1.38 0.00	19.86 1.41 -2.80	16.94 1.42 -0.31	22.68 1.51 -5.11	26.41 1.43 -9.98	27.16 1.94 -3.67	28.25 2.38 0.00	25.60 2.16 0.00	25.90 2.10 0.00	27.78 2.23 0.00	22.20 1.74 0.00	21.35 1.66 0.00	17.60 1.38 0.00	16.33 1.26 -0.29
GOLAH___69_KV_TB 1_2 80279	8.14 -0.08 -1.09	9.41 -0.08 -0.88	14.33 -0.17 -0.01	12.06 -0.04 -0.33	16.22 -0.11 0.00	15.82 -0.13 -0.03	16.97 0.01 0.00	18.44 -0.33 0.00	15.37 -0.25 0.00	16.43 -0.24 0.00	15.60 -0.26 0.00	15.43 -0.23 0.00	14.97 -0.24 0.00	15.74 -0.31 0.00	14.64 -0.35 0.00	20.97 -0.58 0.00	25.19 -0.68 0.00	22.74 -0.70 0.00	23.20 -0.60 0.00	24.94 -0.62 0.00	20.09 -0.37 0.00	19.41 -0.27 0.00	15.91 -0.30 0.00	14.36 -0.38 0.03
GOODYEAR_LAKE_HYD 323669	9.01 0.31 -1.57	10.25 0.37 -1.27	15.10 0.59 -0.01	12.75 0.50 -0.48	17.01 0.69 0.00	16.68 0.71 -0.05	17.83 0.87 0.00	19.70 0.93 0.00	16.39 0.77 0.00	17.50 0.82 0.00	16.63 0.77 0.00	16.43 0.77 0.00	15.94 0.73 0.00	16.84 0.78 0.00	15.70 0.71 0.00	22.50 0.94 0.00	27.05 1.18 0.00	24.52 1.07 0.00	24.95 1.16 0.00	26.84 1.28 0.00	21.49 1.03 0.00	20.68 1.01 0.00	16.99 0.77 0.00	15.50 0.68 -0.05
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	9.76 0.11 -2.52	10.82 0.17 -2.04	14.75 0.23 -0.01	12.78 0.25 -0.77	16.61 0.28 0.00	16.26 0.25 -0.08	17.38 0.42 0.00	19.16 0.39 0.00	15.95 0.33 0.00	17.04 0.37 0.00	16.18 0.32 0.00	16.00 0.35 0.00	15.54 0.33 0.00	16.47 0.41 0.00	15.33 0.34 0.00	21.93 0.37 0.00	26.35 0.48 0.00	23.78 0.33 0.00	24.20 0.40 0.00	25.99 0.43 0.00	20.83 0.37 0.00	20.10 0.42 0.00	16.48 0.26 0.00	15.14 0.27 -0.11
GOUDEY___7 23579	9.76 0.11 -2.52	10.83 0.18 -2.04	14.76 0.25 -0.01	12.79 0.25 -0.77	16.62 0.29 0.00	16.26 0.26 -0.08	17.39 0.44 0.00	19.17 0.40 0.00	15.96 0.34 0.00	17.06 0.38 0.00	16.19 0.33 0.00	16.01 0.36 0.00	15.56 0.35 0.00	16.49 0.43 0.00	15.34 0.35 0.00	21.95 0.39 0.00	26.38 0.51 0.00	23.80 0.36 0.00	24.22 0.42 0.00	26.02 0.46 0.00	20.84 0.39 0.00	20.12 0.44 0.00	16.50 0.28 0.00	15.16 0.28 -0.11
GOUDEY___8 23580	9.76 0.11 -2.52	10.82 0.17 -2.04	14.75 0.23 -0.01	12.78 0.25 -0.77	16.61 0.28 0.00	16.26 0.25 -0.08	17.38 0.42 0.00	19.16 0.39 0.00	15.95 0.33 0.00	17.04 0.37 0.00	16.18 0.32 0.00	16.00 0.35 0.00	15.54 0.33 0.00	16.47 0.41 0.00	15.33 0.34 0.00	21.93 0.37 0.00	26.35 0.48 0.00	23.78 0.33 0.00	24.20 0.40 0.00	25.99 0.43 0.00	20.83 0.37 0.00	20.10 0.42 0.00	16.48 0.26 0.00	15.14 0.27 -0.11
GOWANUS_GT1_1 24077	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT1_2 24078	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29

GOWANUS_GT1_3 24079	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT1_4 24080	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT1_5 24084	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT1_6 24111	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT1_7 24112	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT1_8 24113	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT2_1 24114	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT2_2 24115	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT2_3 24116	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT2_4 24117	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT2_5 24118	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT2_6 24119	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT2_7 24120	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT2_8 24121	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT3_1 24122	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29

GOWANUS_GT3_2 24123	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT3_3 24124	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT3_4 24125	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT3_5 24126	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT3_6 24127	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT3_7 24128	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT3_8 24129	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT4_1 24130	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT4_2 24131	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT4_3 24132	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT4_4 24133	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT4_5 24134	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT4_6 24135	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT4_7 24136	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
GOWANUS_GT4_8 24137	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29

GREENBSH_115KV_TB3 55895	18.64 0.15 -11.37	18.00 0.17 -9.23	14.84 0.28 -0.06	15.50 0.25 -3.49	16.66 0.33 0.00	16.56 0.27 -0.36	17.15 0.20 0.00	19.03 0.26 0.00	15.85 0.23 0.00	16.86 0.19 0.00	16.04 0.18 0.00	15.57 0.18 0.27	15.37 0.19 0.03	15.78 0.21 0.49	14.23 0.24 1.00	21.56 0.36 0.35	26.26 0.40 0.00	23.81 0.36 0.00	24.14 0.34 0.00	25.98 0.42 0.00	20.80 0.35 0.00	20.03 0.34 -0.01	16.52 0.30 0.00	15.44 0.31 -0.36
GREENDGE_115KV_TB5 80291	8.78 0.03 -1.62	9.98 0.06 -1.31	14.57 0.06 -0.01	12.40 0.14 -0.50	16.46 0.13 0.00	16.07 0.09 -0.05	17.31 0.36 0.00	19.00 0.23 0.00	15.82 0.20 0.00	16.87 0.20 0.00	16.01 0.15 0.00	15.83 0.18 0.00	15.41 0.20 0.00	16.26 0.21 0.00	15.15 0.14 -0.02	21.65 0.09 0.00	26.02 0.15 0.00	23.50 0.06 0.00	24.00 0.20 0.00	25.82 0.26 0.00	20.74 0.28 0.00	20.00 0.31 0.00	16.34 0.12 0.00	15.15 0.08 -0.30
GREENIDGE___3 23582	8.78 0.03 -1.62	9.98 0.06 -1.31	14.57 0.06 -0.01	12.40 0.14 -0.50	16.46 0.13 0.00	16.07 0.09 -0.05	17.31 0.36 0.00	19.00 0.23 0.00	15.82 0.20 0.00	16.87 0.20 0.00	16.01 0.15 0.00	15.83 0.18 0.00	15.41 0.20 0.00	16.26 0.21 0.00	15.15 0.14 -0.02	21.65 0.09 0.00	26.02 0.15 0.00	23.50 0.06 0.00	24.00 0.20 0.00	25.82 0.26 0.00	20.74 0.28 0.00	20.00 0.31 0.00	16.34 0.12 0.00	15.15 0.08 -0.30
GREENIDGE___4 23583	8.78 0.03 -1.62	9.98 0.05 -1.31	14.57 0.06 -0.01	12.38 0.12 -0.50	16.46 0.13 0.00	16.06 0.09 -0.05	17.31 0.36 0.00	19.00 0.23 0.00	15.82 0.20 0.00	16.87 0.19 0.00	16.00 0.14 0.00	15.84 0.18 0.00	15.42 0.20 0.00	16.27 0.21 0.00	15.15 0.14 -0.02	21.65 0.09 0.00	26.01 0.15 0.00	23.51 0.06 0.00	23.99 0.20 0.00	25.83 0.27 0.00	20.73 0.27 0.00	20.00 0.32 0.00	16.34 0.13 0.00	15.15 0.07 -0.30
GREENLWN_69_KV_BK 3 55738	16.46 0.60 -8.72	16.39 0.70 -7.08	15.60 1.06 -0.05	15.30 0.86 -2.68	17.47 1.15 0.00	17.40 1.20 -0.28	18.22 1.27 0.00	20.28 1.51 0.00	16.92 1.30 0.00	18.71 1.51 -0.53	25.67 1.62 -8.19	26.34 1.64 -9.04	26.75 1.61 -9.93	37.14 1.73 -19.35	27.81 1.59 -11.23	27.96 2.18 -4.23	28.73 2.56 -0.30	28.23 2.44 -2.34	26.07 2.27 0.00	27.87 2.31 0.00	22.34 1.88 0.00	21.57 1.89 0.00	17.74 1.53 0.00	16.40 1.34 -0.29
GREENWD_138_KV_38B11_REV_LBMP_J 345004	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.04 -0.05	15.30 0.85 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.23 1.56 0.00	17.43 1.57 0.00	20.05 1.60 -2.80	17.14 1.61 -0.31	22.92 1.75 -5.11	26.62 1.64 -9.98	27.44 2.21 -3.67	28.59 2.73 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.42 -0.29
GRISSOM___SOLAR 323813	21.15 0.61 -13.40	20.21 0.72 -10.88	15.76 1.19 -0.07	16.86 0.99 -4.11	17.75 1.43 0.00	17.75 1.40 -0.43	18.55 1.60 0.00	20.65 1.88 0.00	17.04 1.42 0.00	18.07 1.40 0.00	17.07 1.21 0.00	16.57 1.18 0.26	16.29 1.11 0.03	16.48 0.91 0.48	14.69 0.66 0.96	22.15 0.93 0.34	27.48 1.62 0.00	25.25 1.80 0.00	25.74 1.95 0.00	28.05 2.49 0.00	22.47 2.01 0.00	21.64 1.95 -0.01	17.73 1.51 0.00	16.52 1.32 -0.43
GROVEVILLE___HYD 323602	16.30 0.56 -8.61	16.25 0.65 -6.99	15.57 1.02 -0.04	15.25 0.84 -2.64	17.46 1.13 0.00	17.37 1.17 -0.27	18.23 1.28 0.00	20.26 1.49 0.00	16.93 1.31 0.00	18.09 1.42 0.00	17.25 1.39 0.00	19.73 1.41 -2.67	16.93 1.42 -0.30	22.48 1.56 -4.87	25.98 1.47 -9.51	27.06 2.01 -3.49	28.33 2.46 0.00	25.70 2.26 0.00	26.04 2.24 0.00	27.94 2.39 0.00	22.35 1.89 0.00	21.48 1.79 0.00	17.67 1.45 0.00	16.36 1.30 -0.29
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	8.02 -0.05 -0.95	9.31 -0.07 -0.77	14.36 -0.15 0.00	11.97 -0.07 -0.29	16.21 -0.12 0.00	15.84 -0.11 -0.03	16.93 -0.02 0.00	18.65 -0.12 0.00	15.53 -0.09 0.00	16.57 -0.10 0.00	15.76 -0.09 0.00	15.58 -0.08 0.00	15.12 -0.09 0.00	15.98 -0.07 0.00	14.91 -0.09 0.00	21.40 -0.16 0.00	25.71 -0.16 0.00	23.27 -0.18 0.00	23.69 -0.11 0.00	25.45 -0.11 0.00	20.40 -0.06 0.00	19.61 -0.07 0.00	16.10 -0.12 0.00	14.70 -0.13 -0.06
HAMLTNNY_34_KV_TB 80303	8.09 -0.04 -0.99	9.36 -0.05 -0.81	14.39 -0.11 0.00	12.02 -0.05 -0.30	16.23 -0.10 0.00	15.88 -0.07 -0.03	17.00 0.05 0.00	18.70 -0.07 0.00	15.58 -0.04 0.00	16.62 -0.05 0.00	15.81 -0.04 0.00	15.64 -0.02 0.00	15.18 -0.03 0.00	16.04 -0.02 0.00	14.96 -0.04 0.00	21.49 -0.07 0.00	25.81 -0.06 0.00	23.35 -0.10 0.00	23.79 0.00 0.00	25.56 0.00 0.00	20.49 0.03 0.00	19.68 0.00 0.00	16.16 -0.06 0.00	14.76 -0.08 -0.07
HAMPSHIRE___PAPER_HYD 323593	1.62 -0.42 5.09	-1.39 -0.55 9.45	13.94 -0.88 -0.33	9.93 -0.60 1.24	15.67 -0.65 0.00	15.30 -0.64 -0.01	16.17 -0.78 0.00	17.96 -0.81 0.00	14.92 -0.70 0.00	15.93 -0.74 0.00	15.15 -0.71 0.00	14.93 -0.73 0.00	14.41 -0.80 0.00	15.13 -0.93 0.00	14.16 -0.83 0.00	20.31 -1.25 0.00	24.54 -1.33 0.00	22.38 -1.06 0.00	22.87 -0.93 0.00	24.66 -0.90 0.00	19.61 -0.85 0.00	18.60 -1.08 0.00	15.34 -0.88 0.00	14.19 -0.59 -0.01
HARDSCRABBLE_WT_PWR 323673	7.53 -0.02 -0.42	9.34 -0.02 -0.76	14.40 -0.10 0.00	11.95 -0.07 -0.26	16.15 -0.17 0.00	15.73 -0.19 0.00	16.76 -0.19 0.00	18.56 -0.21 0.00	15.40 -0.22 0.00	16.37 -0.30 0.00	15.55 -0.31 0.00	15.35 -0.30 0.00	14.87 -0.34 0.00	15.70 -0.36 0.00	14.63 -0.37 0.00	21.02 -0.54 0.00	25.20 -0.66 0.00	22.97 -0.48 0.00	23.34 -0.46 0.00	25.28 -0.28 0.00	20.27 -0.19 0.00	19.66 -0.02 0.00	16.19 -0.03 0.00	14.73 -0.04 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	15.43 0.51 -7.79	15.52 0.59 -6.32	15.46 0.92 -0.04	14.92 0.77 -2.39	17.37 1.05 0.00	17.21 1.04 -0.25	18.08 1.13 0.00	20.10 1.33 0.00	16.78 1.16 0.00	17.94 1.27 0.00	17.14 1.28 0.00	19.29 1.31 -2.33	16.78 1.31 -0.26	21.75 1.44 -4.26	24.69 1.38 -8.31	26.46 1.85 -3.05	28.17 2.30 0.00	25.55 2.11 0.00	25.85 2.05 0.00	27.73 2.17 0.00	22.16 1.70 0.00	21.32 1.64 0.00	17.54 1.32 0.00	16.21 1.18 -0.26
HARSNRAD_115KV_TB1 81005	8.19 -0.21 -1.27	9.38 -0.25 -1.03	14.05 -0.45 -0.01	11.94 -0.21 -0.39	15.91 -0.41 0.00	15.44 -0.52 -0.04	16.62 -0.34 0.00	17.90 -0.87 0.00	14.97 -0.65 0.00	16.00 -0.67 0.00	15.16 -0.70 0.00	15.05 -0.61 0.00	14.60 -0.61 0.00	15.27 -0.78 0.00	14.17 -0.82 0.00	20.27 -1.29 0.00	24.26 -1.61 0.00	21.80 -1.65 0.00	22.19 -1.61 0.00	23.87 -1.69 0.00	19.30 -1.16 0.00	18.69 -0.99 0.00	15.35 -0.87 0.00	13.85 -0.92 0.01
HARZA MOOSE___RIVER 24016	6.11 -0.19 0.84	6.52 -0.25 1.83	14.21 -0.38 -0.09	11.56 -0.15 0.06	16.30 -0.03 0.00	15.85 -0.08 -0.01	16.78 -0.17 0.00	18.59 -0.18 0.00	15.50 -0.12 0.00	16.56 -0.11 0.00	15.75 -0.11 0.00	15.53 -0.12 0.00	14.99 -0.22 0.00	15.78 -0.28 0.00	14.74 -0.25 0.00	21.08 -0.47 0.00	25.53 -0.33 0.00	23.22 -0.23 0.00	23.75 -0.04 0.00	25.60 0.04 0.00	20.34 -0.12 0.00	19.31 -0.37 0.00	15.90 -0.32 0.00	14.74 -0.04 -0.01

HDSNBRDG_115KV_BRDG_TB1 355580	7.88 -0.10 -0.85	9.18 -0.11 -0.69	14.28 -0.23 0.00	11.89 -0.14 -0.26	16.11 -0.21 0.00	15.73 -0.21 -0.03	16.81 -0.14 0.00	18.54 -0.23 0.00	15.44 -0.18 0.00	16.48 -0.19 0.00	15.67 -0.19 0.00	15.49 -0.16 0.00	15.05 -0.16 0.00	15.91 -0.15 0.00	14.83 -0.16 0.00	21.29 -0.27 0.00	25.58 -0.29 0.00	23.15 -0.30 0.00	23.55 -0.25 0.00	25.30 -0.26 0.00	20.27 -0.19 0.00	19.50 -0.18 0.00	16.01 -0.20 0.00	14.59 -0.21 -0.03
HELLGATE_13_KV_LD 55870	16.42 0.56 -8.72	16.35 0.66 -7.08	15.56 1.02 -0.05	15.28 0.84 -2.68	17.42 1.09 0.00	17.33 1.13 -0.28	18.20 1.25 0.00	20.26 1.49 0.00	16.97 1.35 0.00	18.19 1.52 0.00	17.38 1.52 0.00	19.99 1.54 -2.80	17.08 1.55 -0.31	22.83 1.66 -5.11	26.54 1.56 -9.98	27.33 2.11 -3.67	28.46 2.60 0.00	25.80 2.35 0.00	26.07 2.27 0.00	27.99 2.43 0.00	22.36 1.91 0.00	21.49 1.81 0.00	17.71 1.49 0.00	16.42 1.35 -0.29
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	16.42 0.56 -8.72	16.35 0.66 -7.08	15.56 1.02 -0.05	15.28 0.84 -2.68	17.42 1.09 0.00	17.33 1.13 -0.28	18.20 1.25 0.00	20.26 1.49 0.00	16.97 1.35 0.00	18.19 1.52 0.00	17.38 1.52 0.00	19.99 1.54 -2.80	17.08 1.55 -0.31	22.83 1.66 -5.11	26.54 1.56 -9.98	27.33 2.11 -3.67	28.46 2.60 0.00	25.80 2.35 0.00	26.07 2.27 0.00	27.99 2.43 0.00	22.36 1.91 0.00	21.49 1.81 0.00	17.71 1.49 0.00	16.42 1.35 -0.29
HEMPSTEAD____ 23647	16.46 0.61 -8.72	16.40 0.71 -7.08	15.64 1.09 -0.05	15.34 0.90 -2.68	17.49 1.17 0.00	17.42 1.22 -0.28	18.24 1.28 0.00	20.30 1.52 0.00	16.95 1.33 0.00	18.73 1.53 -0.53	25.66 1.61 -8.19	26.33 1.63 -9.04	26.79 1.65 -9.93	37.16 1.76 -19.35	27.86 1.64 -11.23	28.00 2.22 -4.23	28.81 2.65 -0.30	28.28 2.49 -2.34	26.16 2.36 0.00	27.98 2.42 0.00	22.41 1.95 0.00	21.61 1.93 0.00	17.79 1.57 0.00	16.45 1.39 -0.29
HEWLETT__69_KV_BK3 55828	16.50 0.65 -8.72	16.46 0.77 -7.08	15.71 1.17 -0.05	15.40 0.96 -2.68	17.61 1.29 0.00	17.51 1.31 -0.28	18.36 1.40 0.00	20.43 1.66 0.00	17.05 1.44 0.00	18.85 1.65 -0.53	25.81 1.75 -8.19	26.48 1.78 -9.04	26.90 1.76 -9.93	37.26 1.86 -19.35	28.00 1.78 -11.23	28.09 2.31 -4.23	28.93 2.77 -0.30	28.40 2.61 -2.34	26.28 2.47 0.00	28.11 2.55 0.00	22.50 2.04 0.00	21.72 2.04 0.00	17.91 1.69 0.00	16.56 1.49 -0.29
HICKLING___1 23621	9.29 0.14 -2.02	10.48 0.23 -1.64	14.85 0.34 -0.01	12.75 0.37 -0.62	16.72 0.40 0.00	16.37 0.39 -0.06	17.66 0.70 0.00	19.39 0.62 0.00	16.15 0.54 0.00	17.29 0.62 0.00	16.39 0.54 0.00	16.25 0.59 0.00	15.78 0.57 0.00	16.75 0.69 0.00	15.55 0.55 0.00	22.17 0.61 0.00	26.64 0.77 0.00	23.96 0.52 0.00	24.41 0.61 0.00	26.22 0.66 0.00	21.03 0.57 0.00	20.35 0.67 0.00	16.63 0.42 0.00	15.30 0.40 -0.13
HICKLING___2 23622	9.29 0.14 -2.02	10.48 0.23 -1.64	14.85 0.34 -0.01	12.75 0.37 -0.62	16.72 0.40 0.00	16.37 0.39 -0.06	17.66 0.70 0.00	19.39 0.62 0.00	16.15 0.54 0.00	17.29 0.62 0.00	16.39 0.54 0.00	16.25 0.59 0.00	15.78 0.57 0.00	16.75 0.69 0.00	15.55 0.55 0.00	22.17 0.61 0.00	26.64 0.77 0.00	23.96 0.52 0.00	24.41 0.61 0.00	26.22 0.66 0.00	21.03 0.57 0.00	20.35 0.67 0.00	16.63 0.42 0.00	15.30 0.40 -0.13
HIGH FALLS___HY 23754	15.99 0.61 -8.25	16.03 0.73 -6.70	15.67 1.13 -0.04	15.24 0.95 -2.53	17.62 1.30 0.00	17.45 1.27 -0.26	18.37 1.42 0.00	20.43 1.66 0.00	17.07 1.45 0.00	18.27 1.60 0.00	17.41 1.56 0.00	19.12 1.59 -1.87	17.01 1.59 -0.21	21.21 1.73 -3.43	23.17 1.50 -6.68	25.99 1.98 -2.46	28.31 2.44 0.00	25.76 2.31 0.00	26.10 2.30 0.00	28.04 2.48 0.00	22.55 2.09 0.00	21.66 1.97 0.00	17.81 1.59 0.00	16.45 1.41 -0.27
HILLBURN___GT 23639	15.56 0.50 -7.92	15.62 0.58 -6.43	15.44 0.89 -0.04	14.95 0.75 -2.43	17.36 1.04 0.00	17.19 1.01 -0.25	18.05 1.10 0.00	20.07 1.30 0.00	16.75 1.14 0.00	17.93 1.26 0.00	17.13 1.27 0.00	19.35 1.30 -2.40	16.77 1.29 -0.27	21.83 1.40 -4.38	24.89 1.35 -8.55	26.46 1.77 -3.14	28.06 2.19 0.00	25.44 1.99 0.00	25.74 1.94 0.00	27.59 2.03 0.00	22.06 1.60 0.00	21.23 1.54 0.00	17.48 1.27 0.00	16.18 1.14 -0.26
HILLSIDE_115KV_TB1 80332	9.29 0.07 -2.09	10.47 0.17 -1.70	14.72 0.21 -0.01	12.65 0.25 -0.64	16.57 0.25 0.00	16.19 0.20 -0.07	17.43 0.48 0.00	19.18 0.41 0.00	15.98 0.36 0.00	17.11 0.44 0.00	16.24 0.38 0.00	16.07 0.42 0.00	15.60 0.39 0.00	16.58 0.52 0.00	15.39 0.39 0.00	21.93 0.37 0.00	26.33 0.46 0.00	23.68 0.23 0.00	24.11 0.31 0.00	25.88 0.32 0.00	20.74 0.28 0.00	20.08 0.40 0.00	16.42 0.20 0.00	15.15 0.25 -0.13
HISHELDN_WT_PWR 323625	8.46 -0.15 -1.48	9.66 -0.14 -1.20	14.26 -0.25 -0.01	12.15 -0.06 -0.45	16.16 -0.16 0.00	15.73 -0.24 -0.05	16.97 0.02 0.00	18.41 -0.36 0.00	15.39 -0.23 0.00	16.48 -0.19 0.00	15.62 -0.24 0.00	15.50 -0.16 0.00	15.04 -0.17 0.00	15.82 -0.23 0.00	14.67 -0.33 0.00	20.93 -0.63 0.00	25.06 -0.81 0.00	22.49 -0.95 0.00	22.93 -0.87 0.00	24.67 -0.89 0.00	19.88 -0.58 0.00	19.25 -0.43 0.00	15.78 -0.44 0.00	14.35 -0.53 -0.11
HOLTSVILLE_IC_1 23690	16.53 0.68 -8.72	16.48 0.79 -7.08	15.74 1.20 -0.05	15.43 0.99 -2.68	17.61 1.29 0.00	17.55 1.35 -0.28	18.40 1.44 0.00	20.49 1.72 0.00	17.07 1.45 0.00	18.86 1.66 -0.53	25.83 1.78 -8.19	26.46 1.76 -9.04	26.86 1.72 -9.93	37.25 1.84 -19.35	27.89 1.67 -11.23	28.11 2.32 -4.23	28.91 2.75 -0.30	28.45 2.65 -2.34	26.29 2.50 0.00	28.11 2.55 0.00	22.57 2.11 0.00	21.85 2.16 0.00	17.95 1.74 0.00	16.56 1.49 -0.29
HOLTSVILLE_IC_10 23699	16.57 0.72 -8.72	16.52 0.83 -7.08	15.81 1.27 -0.05	15.49 1.05 -2.68	17.67 1.35 0.00	17.64 1.44 -0.28	18.49 1.54 0.00	20.61 1.84 0.00	17.16 1.54 0.00	18.96 1.77 -0.53	25.92 1.87 -8.19	26.56 1.86 -9.04	26.96 1.82 -9.93	37.35 1.94 -19.35	28.00 1.78 -11.23	28.27 2.49 -4.23	29.12 2.96 -0.30	28.63 2.84 -2.34	26.49 2.69 0.00	28.31 2.75 0.00	22.73 2.27 0.00	22.00 2.32 0.00	18.07 1.86 0.00	16.65 1.59 -0.29
HOLTSVILLE_IC_2 23691	16.53 0.68 -8.72	16.48 0.79 -7.08	15.74 1.20 -0.05	15.43 0.99 -2.68	17.61 1.29 0.00	17.55 1.35 -0.28	18.40 1.44 0.00	20.49 1.72 0.00	17.07 1.45 0.00	18.86 1.66 -0.53	25.83 1.78 -8.19	26.46 1.76 -9.04	26.86 1.72 -9.93	37.25 1.84 -19.35	27.89 1.67 -11.23	28.11 2.32 -4.23	28.91 2.75 -0.30	28.45 2.65 -2.34	26.29 2.50 0.00	28.11 2.55 0.00	22.57 2.11 0.00	21.85 2.16 0.00	17.95 1.74 0.00	16.56 1.49 -0.29
HOLTSVILLE_IC_3 23692	16.53 0.68 -8.72	16.48 0.79 -7.08	15.74 1.20 -0.05	15.43 0.99 -2.68	17.61 1.29 0.00	17.55 1.35 -0.28	18.40 1.44 0.00	20.49 1.72 0.00	17.07 1.45 0.00	18.86 1.66 -0.53	25.83 1.78 -8.19	26.46 1.76 -9.04	26.86 1.72 -9.93	37.25 1.84 -19.35	27.89 1.67 -11.23	28.11 2.32 -4.23	28.91 2.75 -0.30	28.45 2.65 -2.34	26.29 2.50 0.00	28.11 2.55 0.00	22.57 2.11 0.00	21.85 2.16 0.00	17.95 1.74 0.00	16.56 1.49 -0.29

HOLTSVILLE_IC_4 23693	16.53 0.68 -8.72	16.48 0.79 -7.08	15.74 1.20 -0.05	15.43 0.99 -2.68	17.61 1.29 0.00	17.55 1.35 -0.28	18.40 1.44 0.00	20.49 1.72 0.00	17.07 1.45 0.00	18.86 1.66 -0.53	25.83 1.78 -8.19	26.46 1.76 -9.04	26.86 1.72 -9.93	37.25 1.84 -19.35	27.89 1.67 -11.23	28.11 2.32 -4.23	28.91 2.75 -0.30	28.45 2.65 -2.34	26.29 2.50 0.00	28.11 2.55 0.00	22.57 2.11 0.00	21.85 2.16 0.00	17.95 1.74 0.00	16.56 1.49 -0.29
HOLTSVILLE_IC_5 23694	16.53 0.68 -8.72	16.48 0.79 -7.08	15.74 1.20 -0.05	15.43 0.99 -2.68	17.61 1.29 0.00	17.55 1.35 -0.28	18.40 1.44 0.00	20.49 1.72 0.00	17.07 1.45 0.00	18.86 1.66 -0.53	25.83 1.78 -8.19	26.46 1.76 -9.04	26.86 1.72 -9.93	37.25 1.84 -19.35	27.89 1.67 -11.23	28.11 2.32 -4.23	28.91 2.75 -0.30	28.45 2.65 -2.34	26.29 2.50 0.00	28.11 2.55 0.00	22.57 2.11 0.00	21.85 2.16 0.00	17.95 1.74 0.00	16.56 1.49 -0.29
HOLTSVILLE_IC_6 23695	16.57 0.72 -8.72	16.52 0.83 -7.08	15.81 1.27 -0.05	15.49 1.05 -2.68	17.67 1.35 0.00	17.64 1.44 -0.28	18.49 1.54 0.00	20.61 1.84 0.00	17.16 1.54 0.00	18.96 1.77 -0.53	25.92 1.87 -8.19	26.56 1.86 -9.04	26.96 1.82 -9.93	37.35 1.94 -19.35	28.00 1.78 -11.23	28.27 2.49 -4.23	29.12 2.96 -0.30	28.63 2.84 -2.34	26.49 2.69 0.00	28.31 2.75 0.00	22.73 2.27 0.00	22.00 2.32 0.00	18.07 1.86 0.00	16.65 1.59 -0.29
HOLTSVILLE_IC_7 23696	16.57 0.72 -8.72	16.52 0.83 -7.08	15.81 1.27 -0.05	15.49 1.05 -2.68	17.67 1.35 0.00	17.64 1.44 -0.28	18.49 1.54 0.00	20.61 1.84 0.00	17.16 1.54 0.00	18.96 1.77 -0.53	25.92 1.87 -8.19	26.56 1.86 -9.04	26.96 1.82 -9.93	37.35 1.94 -19.35	28.00 1.78 -11.23	28.27 2.49 -4.23	29.12 2.96 -0.30	28.63 2.84 -2.34	26.49 2.69 0.00	28.31 2.75 0.00	22.73 2.27 0.00	22.00 2.32 0.00	18.07 1.86 0.00	16.65 1.59 -0.29
HOLTSVILLE_IC_8 23697	16.57 0.72 -8.72	16.52 0.83 -7.08	15.81 1.27 -0.05	15.49 1.05 -2.68	17.67 1.35 0.00	17.64 1.44 -0.28	18.49 1.54 0.00	20.61 1.84 0.00	17.16 1.54 0.00	18.96 1.77 -0.53	25.92 1.87 -8.19	26.56 1.86 -9.04	26.96 1.82 -9.93	37.35 1.94 -19.35	28.00 1.78 -11.23	28.27 2.49 -4.23	29.12 2.96 -0.30	28.63 2.84 -2.34	26.49 2.69 0.00	28.31 2.75 0.00	22.73 2.27 0.00	22.00 2.32 0.00	18.07 1.86 0.00	16.65 1.59 -0.29
HOLTSVILLE_IC_9 23698	16.57 0.72 -8.72	16.52 0.83 -7.08	15.81 1.27 -0.05	15.49 1.05 -2.68	17.67 1.35 0.00	17.64 1.44 -0.28	18.49 1.54 0.00	20.61 1.84 0.00	17.16 1.54 0.00	18.96 1.77 -0.53	25.92 1.87 -8.19	26.56 1.86 -9.04	26.96 1.82 -9.93	37.35 1.94 -19.35	28.00 1.78 -11.23	28.27 2.49 -4.23	29.12 2.96 -0.30	28.63 2.84 -2.34	26.49 2.69 0.00	28.31 2.75 0.00	22.73 2.27 0.00	22.00 2.32 0.00	18.07 1.86 0.00	16.65 1.59 -0.29
HOMER_HL_115KV_TB2 355744	9.00 0.38 -1.49	10.26 0.44 -1.21	15.31 0.81 -0.01	13.03 0.81 -0.46	17.35 1.02 0.00	17.02 1.05 -0.05	18.51 1.56 0.00	20.23 1.46 0.00	16.69 1.07 0.00	17.71 1.03 0.00	16.79 0.93 0.00	16.61 0.95 0.00	16.01 0.80 0.00	16.80 0.75 0.00	15.58 0.59 0.00	22.25 0.69 0.00	26.65 0.78 0.00	23.99 0.55 0.00	24.44 0.64 0.00	26.30 0.74 0.00	21.20 0.74 0.00	20.49 0.81 0.00	16.76 0.54 0.00	15.13 0.32 -0.03
HOWARD_WT_PWR 323690	8.82 -0.01 -1.70	10.02 0.03 -1.38	14.59 0.08 -0.01	12.47 0.19 -0.52	16.49 0.16 0.00	16.10 0.12 -0.05	17.47 0.52 0.00	19.07 0.30 0.00	15.88 0.26 0.00	17.06 0.38 0.00	16.21 0.35 0.00	16.05 0.39 0.00	15.59 0.38 0.00	16.45 0.39 0.00	15.27 0.27 -0.01	21.79 0.23 0.00	26.13 0.26 0.00	23.47 0.03 0.00	23.96 0.17 0.00	25.74 0.18 0.00	20.75 0.29 0.00	20.06 0.38 0.00	16.40 0.19 0.00	14.99 0.09 -0.13
HQ_GEN_CEDARS 23644	-2.56 -0.18 9.51	-8.80 -0.24 17.17	14.32 -0.40 -0.22	6.83 -0.36 4.57	15.88 -0.44 0.00	15.52 -0.40 0.00	16.50 -0.45 0.00	18.31 -0.47 0.00	15.17 -0.45 0.00	16.22 -0.45 0.00	15.42 -0.43 0.00	15.18 -0.48 0.00	14.73 -0.48 0.00	15.52 -0.54 0.00	14.54 -0.46 0.00	20.96 -0.60 0.00	25.13 -0.74 0.00	22.82 -0.63 0.00	23.15 -0.65 0.00	24.86 -0.70 0.00	19.88 -0.58 0.00	19.08 -0.60 0.00	15.74 -0.47 0.00	14.34 -0.43 0.00
HQ_GEN_CEDARS_PROXY 323590	-2.56 -0.18 9.51	-8.81 -0.24 17.17	14.32 -0.40 -0.22	6.82 -0.37 4.57	15.88 -0.44 0.00	15.52 -0.40 0.00	16.50 -0.45 0.00	18.64 -0.47 -0.34	15.32 -0.45 -0.14	16.96 -0.45 -0.74	15.42 -0.44 0.00	15.18 -0.48 0.00	14.73 -0.48 0.00	15.52 -0.54 0.00	14.54 -0.46 0.00	20.96 -0.60 0.00	27.69 -0.74 -2.57	22.82 -0.62 0.00	22.86 -0.65 0.29	24.90 -0.70 -0.03	19.87 -0.58 0.00	19.08 -0.60 0.00	15.74 -0.47 0.00	14.34 -0.43 0.00
HQ_GEN_IMPORT 323601	5.05 -0.11 1.98	4.90 -0.14 3.57	14.29 -0.21 0.00	10.33 -0.20 1.23	16.07 -0.26 0.00	15.69 -0.23 0.00	16.69 -0.27 0.00	18.50 -0.27 0.00	15.36 -0.25 0.00	16.42 -0.26 0.00	15.61 -0.25 0.00	15.39 -0.26 0.00	14.96 -0.25 0.00	15.76 -0.30 0.00	14.73 -0.27 0.00	21.20 -0.36 0.00	25.40 -0.46 0.00	23.23 -0.40 -0.19	23.37 -0.43 0.00	25.08 -0.48 0.00	19.55 -0.40 0.51	19.29 -0.39 0.00	15.93 -0.29 0.00	14.50 -0.27 0.00
HQ_GEN_WHEEL 23651	5.05 -0.11 1.98	4.90 -0.14 3.57	14.29 -0.21 0.00	10.33 -0.20 1.23	16.07 -0.26 0.00	15.69 -0.23 0.00	16.69 -0.27 0.00	18.50 -0.27 0.00	15.36 -0.25 0.00	16.42 -0.26 0.00	15.61 -0.25 0.00	15.39 -0.26 0.00	14.96 -0.25 0.00	15.76 -0.30 0.00	14.73 -0.27 0.00	21.20 -0.36 0.00	25.40 -0.46 0.00	23.23 -0.40 -0.19	23.37 -0.43 0.00	25.08 -0.48 0.00	19.55 -0.40 0.51	19.29 -0.39 0.00	15.93 -0.29 0.00	14.50 -0.27 0.00
HUDSON_AVE_GT_3 23810	16.42 0.57 -8.72	16.35 0.67 -7.08	15.57 1.03 -0.05	15.29 0.85 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.21 1.25 0.00	20.26 1.49 0.00	16.97 1.35 0.00	18.19 1.52 0.00	17.37 1.51 0.00	19.99 1.54 -2.80	17.07 1.55 -0.31	22.81 1.65 -5.11	26.53 1.56 -9.98	27.28 2.06 -3.67	28.40 2.53 0.00	25.74 2.30 0.00	26.03 2.23 0.00	27.94 2.38 0.00	22.33 1.86 0.00	21.46 1.78 0.00	17.73 1.52 0.00	16.43 1.37 -0.29
HUDSON_AVE_GT_4 23540	16.42 0.57 -8.72	16.35 0.67 -7.08	15.57 1.03 -0.05	15.29 0.85 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.21 1.25 0.00	20.26 1.49 0.00	16.97 1.35 0.00	18.19 1.52 0.00	17.37 1.51 0.00	19.99 1.54 -2.80	17.07 1.55 -0.31	22.81 1.65 -5.11	26.53 1.56 -9.98	27.28 2.06 -3.67	28.40 2.53 0.00	25.74 2.30 0.00	26.03 2.23 0.00	27.94 2.38 0.00	22.33 1.86 0.00	21.46 1.78 0.00	17.73 1.52 0.00	16.43 1.37 -0.29
HUDSON_AVE_GT_5 23657	16.42 0.57 -8.72	16.35 0.67 -7.08	15.57 1.03 -0.05	15.29 0.85 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.21 1.25 0.00	20.26 1.49 0.00	16.97 1.35 0.00	18.19 1.52 0.00	17.37 1.51 0.00	19.99 1.54 -2.80	17.07 1.55 -0.31	22.81 1.65 -5.11	26.53 1.56 -9.98	27.28 2.06 -3.67	28.40 2.53 0.00	25.74 2.30 0.00	26.03 2.23 0.00	27.94 2.38 0.00	22.33 1.86 0.00	21.46 1.78 0.00	17.73 1.52 0.00	16.43 1.37 -0.29

HUDSON_AVE_10 24168	16.40 0.55 -8.72	16.34 0.65 -7.08	15.56 1.01 -0.05	15.27 0.83 -2.68	17.42 1.10 0.00	17.33 1.13 -0.28	18.18 1.22 0.00	20.23 1.46 0.00	16.94 1.33 0.00	18.15 1.48 0.00	17.33 1.47 0.00	19.95 1.50 -2.80	17.02 1.50 -0.31	22.76 1.60 -5.11	26.48 1.51 -9.98	27.28 2.05 -3.67	28.39 2.53 0.00	25.73 2.28 0.00	26.02 2.22 0.00	27.93 2.37 0.00	22.33 1.87 0.00	21.46 1.78 0.00	17.69 1.48 0.00	16.40 1.33 -0.29
HUDSON___115KV_TB 4 355613	18.34 0.25 -10.96	17.80 0.29 -8.90	15.05 0.49 -0.06	15.54 0.41 -3.36	16.90 0.58 0.00	16.80 0.53 -0.35	17.44 0.49 0.00	19.34 0.57 0.00	16.06 0.44 0.00	17.03 0.35 0.00	16.15 0.30 0.00	15.93 0.28 0.00	15.49 0.28 0.00	16.40 0.34 0.00	15.36 0.39 0.03	22.15 0.59 0.00	26.51 0.65 0.00	24.11 0.66 0.00	24.50 0.70 0.00	26.43 0.87 0.00	21.19 0.73 0.00	20.39 0.70 0.00	16.77 0.55 0.00	15.64 0.52 -0.35
HUNTER MOUNT___DRP 323613	17.90 0.26 -10.51	17.44 0.29 -8.53	15.07 0.52 -0.05	15.41 0.42 -3.23	16.92 0.60 0.00	16.83 0.57 -0.33	17.47 0.52 0.00	19.36 0.59 0.00	16.05 0.43 0.00	16.99 0.32 0.00	16.09 0.23 0.00	16.24 0.21 -0.37	15.45 0.20 -0.04	17.00 0.27 -0.68	16.65 0.35 -1.30	22.58 0.53 -0.49	26.44 0.58 0.00	24.05 0.61 0.00	24.47 0.67 0.00	26.43 0.87 0.00	21.19 0.73 0.00	20.39 0.71 0.00	16.77 0.55 0.00	15.62 0.52 -0.34
HUNTINGTON_RES_REC 323705	16.50 0.65 -8.72	16.44 0.76 -7.08	15.69 1.14 -0.05	15.38 0.94 -2.68	17.53 1.21 0.00	17.50 1.30 -0.28	18.34 1.38 0.00	20.41 1.64 0.00	17.02 1.40 0.00	18.81 1.61 -0.53	25.77 1.72 -8.19	26.43 1.73 -9.04	26.83 1.69 -9.93	37.22 1.81 -19.35	27.88 1.66 -11.23	28.11 2.32 -4.23	28.91 2.75 -0.30	28.42 2.63 -2.34	26.27 2.47 0.00	28.08 2.52 0.00	22.52 2.06 0.00	21.78 2.10 0.00	17.90 1.68 0.00	16.52 1.46 -0.29
HUNTLEY___63 23557	8.29 -0.16 -1.32	9.49 -0.19 -1.07	14.17 -0.33 -0.01	12.05 -0.12 -0.40	16.05 -0.27 0.00	15.59 -0.38 -0.04	16.79 -0.16 0.00	18.10 -0.67 0.00	15.11 -0.51 0.00	16.16 -0.51 0.00	15.32 -0.54 0.00	15.21 -0.44 0.00	14.76 -0.45 0.00	15.45 -0.60 0.00	14.35 -0.64 0.00	20.51 -1.05 0.00	24.56 -1.31 0.00	22.04 -1.41 0.00	22.43 -1.37 0.00	24.12 -1.44 0.00	19.48 -0.98 0.00	18.86 -0.82 0.00	15.48 -0.74 0.00	13.96 -0.80 0.00
HUNTLEY___64 23558	8.29 -0.16 -1.32	9.49 -0.19 -1.07	14.17 -0.33 -0.01	12.05 -0.12 -0.40	16.05 -0.27 0.00	15.59 -0.38 -0.04	16.79 -0.16 0.00	18.10 -0.67 0.00	15.11 -0.51 0.00	16.16 -0.51 0.00	15.32 -0.54 0.00	15.21 -0.44 0.00	14.76 -0.45 0.00	15.45 -0.60 0.00	14.35 -0.64 0.00	20.51 -1.05 0.00	24.56 -1.31 0.00	22.04 -1.41 0.00	22.43 -1.37 0.00	24.12 -1.44 0.00	19.48 -0.98 0.00	18.86 -0.82 0.00	15.48 -0.74 0.00	13.96 -0.80 0.00
HUNTLEY___65 23559	8.29 -0.16 -1.32	9.49 -0.19 -1.07	14.17 -0.33 -0.01	12.05 -0.12 -0.40	16.05 -0.27 0.00	15.59 -0.38 -0.04	16.79 -0.16 0.00	18.10 -0.67 0.00	15.11 -0.51 0.00	16.16 -0.51 0.00	15.32 -0.54 0.00	15.21 -0.44 0.00	14.76 -0.45 0.00	15.45 -0.60 0.00	14.35 -0.64 0.00	20.51 -1.05 0.00	24.56 -1.31 0.00	22.04 -1.41 0.00	22.43 -1.37 0.00	24.12 -1.44 0.00	19.48 -0.98 0.00	18.86 -0.82 0.00	15.48 -0.74 0.00	13.96 -0.80 0.00
HUNTLEY___66 23560	8.29 -0.16 -1.32	9.49 -0.19 -1.07	14.17 -0.33 -0.01	12.05 -0.12 -0.40	16.05 -0.27 0.00	15.59 -0.38 -0.04	16.79 -0.16 0.00	18.10 -0.67 0.00	15.11 -0.51 0.00	16.16 -0.51 0.00	15.32 -0.54 0.00	15.21 -0.44 0.00	14.76 -0.45 0.00	15.45 -0.60 0.00	14.35 -0.64 0.00	20.51 -1.05 0.00	24.56 -1.31 0.00	22.04 -1.41 0.00	22.43 -1.37 0.00	24.12 -1.44 0.00	19.48 -0.98 0.00	18.86 -0.82 0.00	15.48 -0.74 0.00	13.96 -0.80 0.00
HUNTLEY___67 23561	8.27 -0.20 -1.34	9.47 -0.23 -1.09	14.11 -0.40 -0.01	12.01 -0.17 -0.41	15.98 -0.34 0.00	15.52 -0.44 -0.04	16.73 -0.23 0.00	18.07 -0.70 0.00	15.10 -0.52 0.00	16.16 -0.51 0.00	15.31 -0.55 0.00	15.20 -0.46 0.00	14.75 -0.47 0.00	15.45 -0.61 0.00	14.32 -0.67 0.00	20.49 -1.07 0.00	24.52 -1.34 0.00	22.00 -1.44 0.00	22.39 -1.40 0.00	24.09 -1.47 0.00	19.45 -1.01 0.00	18.83 -0.85 0.00	15.47 -0.75 0.00	13.97 -0.80 0.00
HUNTLEY___68 23562	8.27 -0.20 -1.34	9.47 -0.23 -1.09	14.11 -0.40 -0.01	12.01 -0.17 -0.41	15.98 -0.34 0.00	15.52 -0.44 -0.04	16.73 -0.23 0.00	18.07 -0.70 0.00	15.10 -0.52 0.00	16.16 -0.51 0.00	15.31 -0.55 0.00	15.20 -0.46 0.00	14.75 -0.47 0.00	15.45 -0.61 0.00	14.32 -0.67 0.00	20.49 -1.07 0.00	24.52 -1.34 0.00	22.00 -1.44 0.00	22.39 -1.40 0.00	24.09 -1.47 0.00	19.45 -1.01 0.00	18.83 -0.85 0.00	15.47 -0.75 0.00	13.97 -0.80 0.00
HYLAND___LFGE 323620	8.76 0.19 -1.44	9.99 0.21 -1.17	14.87 0.36 -0.01	12.61 0.41 -0.44	16.74 0.41 0.00	16.48 0.51 -0.05	17.80 0.84 0.00	19.33 0.56 0.00	15.84 0.22 0.00	16.83 0.16 0.00	15.91 0.05 0.00	15.77 0.11 0.00	15.30 0.09 0.00	16.13 0.07 0.00	14.96 -0.04 0.00	21.39 -0.17 0.00	25.71 -0.15 0.00	23.25 -0.20 0.00	23.90 0.10 0.00	26.03 0.47 0.00	21.20 0.74 0.00	20.53 0.85 0.00	16.76 0.55 0.00	15.19 0.35 -0.07
INDECK___CORINTH 23802	19.15 0.13 -11.88	18.38 0.12 -9.65	14.75 0.18 -0.06	15.60 0.19 -3.65	16.52 0.19 0.00	16.54 0.24 -0.38	17.18 0.23 0.00	19.04 0.27 0.00	15.81 0.19 0.00	16.75 0.08 0.00	15.93 0.07 0.00	15.43 0.05 0.27	15.25 0.07 0.03	15.72 0.16 0.49	14.15 0.17 1.01	21.62 0.42 0.35	26.35 0.48 0.00	23.94 0.49 0.00	24.33 0.53 0.00	26.23 0.67 0.00	21.00 0.54 0.00	20.18 0.50 -0.01	16.60 0.38 0.00	15.48 0.33 -0.38
INDECK___ILION 23567	7.55 0.00 -0.42	9.37 0.00 -0.76	14.48 -0.02 0.00	12.03 0.00 -0.26	16.31 -0.02 0.00	15.88 -0.05 0.00	16.92 -0.04 0.00	18.73 -0.04 0.00	15.57 -0.05 0.00	16.57 -0.10 0.00	15.74 -0.11 0.00	15.54 -0.11 0.00	15.09 -0.12 0.00	15.95 -0.10 0.00	14.89 -0.10 0.00	21.41 -0.15 0.00	25.70 -0.16 0.00	23.34 -0.10 0.00	23.70 -0.10 0.00	25.55 -0.01 0.00	20.47 0.02 0.00	19.75 0.07 0.00	16.26 0.04 0.00	14.79 0.02 0.00
INDECK___OLEAN 23982	9.00 0.38 -1.49	10.26 0.45 -1.21	15.32 0.82 -0.01	13.04 0.82 -0.46	17.35 1.02 0.00	17.02 1.05 -0.05	18.51 1.56 0.00	20.23 1.46 0.00	16.69 1.07 0.00	17.70 1.03 0.00	16.78 0.93 0.00	16.62 0.97 0.00	16.02 0.81 0.00	16.83 0.78 0.00	15.60 0.60 0.00	22.27 0.71 0.00	26.64 0.78 0.00	24.00 0.55 0.00	24.43 0.64 0.00	26.30 0.74 0.00	21.20 0.74 0.00	20.49 0.82 0.00	16.76 0.54 0.00	15.11 0.30 -0.03
INDECK___OSWEGO 23783	7.35 -0.24 -0.46	8.39 -0.29 -0.07	14.03 -0.47 0.00	11.49 -0.33 -0.05	15.86 -0.46 0.00	15.49 -0.46 -0.02	16.53 -0.42 0.00	18.22 -0.55 0.00	15.18 -0.44 0.00	16.20 -0.47 0.00	15.40 -0.46 0.00	15.23 -0.42 0.00	14.78 -0.43 0.00	15.61 -0.45 0.00	14.56 -0.44 0.00	20.88 -0.67 0.00	25.09 -0.77 0.00	22.71 -0.73 0.00	23.12 -0.68 0.00	24.85 -0.71 0.00	19.91 -0.55 0.00	19.14 -0.54 0.00	15.72 -0.49 0.00	14.35 -0.44 -0.03

INDECK___YERKES 23781	8.29 -0.15 -1.32	9.49 -0.18 -1.07	14.19 -0.32 -0.01	12.05 -0.12 -0.40	16.07 -0.25 0.00	15.60 -0.36 -0.04	16.81 -0.14 0.00	18.12 -0.65 0.00	15.13 -0.49 0.00	16.18 -0.49 0.00	15.34 -0.52 0.00	15.25 -0.40 0.00	14.79 -0.42 0.00	15.51 -0.54 0.00	14.38 -0.61 0.00	20.55 -1.00 0.00	24.59 -1.28 0.00	22.06 -1.38 0.00	22.46 -1.34 0.00	24.15 -1.41 0.00	19.50 -0.96 0.00	18.89 -0.79 0.00	15.50 -0.72 0.00	13.96 -0.81 0.00
INDIAN POINT_GT_1 24139	16.22 0.51 -8.58	16.16 0.59 -6.96	15.46 0.92 -0.04	15.16 0.76 -2.63	17.33 1.01 0.00	17.24 1.04 -0.27	18.08 1.12 0.00	20.10 1.33 0.00	16.80 1.18 0.00	17.98 1.30 0.00	17.16 1.30 0.00	19.70 1.32 -2.73	16.84 1.33 -0.31	22.46 1.43 -4.98	26.08 1.36 -9.73	26.95 1.82 -3.57	28.11 2.24 0.00	25.48 2.04 0.00	25.79 1.99 0.00	27.67 2.11 0.00	22.13 1.67 0.00	21.28 1.60 0.00	17.53 1.31 0.00	16.24 1.19 -0.29
INDIAN POINT_GT_2 23659	16.22 0.51 -8.58	16.16 0.59 -6.96	15.46 0.92 -0.04	15.16 0.76 -2.63	17.33 1.01 0.00	17.24 1.04 -0.27	18.08 1.12 0.00	20.10 1.33 0.00	16.80 1.18 0.00	17.98 1.30 0.00	17.16 1.30 0.00	19.70 1.32 -2.73	16.84 1.33 -0.31	22.46 1.43 -4.98	26.08 1.36 -9.73	26.95 1.82 -3.57	28.11 2.24 0.00	25.48 2.04 0.00	25.79 1.99 0.00	27.67 2.11 0.00	22.13 1.67 0.00	21.28 1.60 0.00	17.53 1.31 0.00	16.24 1.19 -0.29
INDIAN POINT_GT_3 24019	16.22 0.51 -8.58	16.16 0.59 -6.96	15.46 0.92 -0.04	15.16 0.76 -2.63	17.33 1.01 0.00	17.24 1.04 -0.27	18.08 1.12 0.00	20.10 1.33 0.00	16.80 1.18 0.00	17.98 1.30 0.00	17.16 1.30 0.00	19.70 1.32 -2.73	16.84 1.33 -0.31	22.46 1.43 -4.98	26.08 1.36 -9.73	26.95 1.82 -3.57	28.11 2.24 0.00	25.48 2.04 0.00	25.79 1.99 0.00	27.67 2.11 0.00	22.13 1.67 0.00	21.28 1.60 0.00	17.53 1.31 0.00	16.24 1.19 -0.29
INDIAN POINT___2 23530	15.94 0.51 -8.30	15.93 0.58 -6.74	15.45 0.91 -0.04	15.07 0.75 -2.55	17.33 1.00 0.00	17.22 1.03 -0.26	18.07 1.12 0.00	20.08 1.31 0.00	16.78 1.16 0.00	17.96 1.29 0.00	17.15 1.29 0.00	19.55 1.31 -2.59	16.81 1.31 -0.29	22.20 1.42 -4.72	25.57 1.35 -9.23	26.74 1.79 -3.39	28.08 2.21 0.00	25.46 2.01 0.00	25.76 1.96 0.00	27.64 2.08 0.00	22.10 1.64 0.00	21.26 1.58 0.00	17.52 1.30 0.00	16.23 1.18 -0.28
INDIAN POINT___3 23531	16.43 0.51 -8.79	16.34 0.60 -7.13	15.48 0.93 -0.05	15.23 0.77 -2.69	17.34 1.02 0.00	17.26 1.06 -0.28	18.09 1.14 0.00	20.12 1.35 0.00	16.82 1.21 0.00	18.00 1.33 0.00	17.17 1.32 0.00	19.83 1.35 -2.83	16.88 1.35 -0.32	22.68 1.45 -5.17	26.47 1.37 -10.11	27.12 1.85 -3.71	28.13 2.26 0.00	25.50 2.06 0.00	25.80 2.01 0.00	27.70 2.14 0.00	22.15 1.69 0.00	21.30 1.61 0.00	17.54 1.32 0.00	16.26 1.20 -0.29
INGHAM_C_115KV_TB7 356103	7.52 -0.03 -0.42	9.34 -0.03 -0.76	14.39 -0.11 0.00	11.95 -0.08 -0.26	16.15 -0.17 0.00	15.71 -0.22 0.00	16.73 -0.22 0.00	18.55 -0.22 0.00	15.37 -0.25 0.00	16.29 -0.38 0.00	15.48 -0.38 0.00	15.28 -0.37 0.00	14.83 -0.38 0.00	15.69 -0.36 0.00	14.63 -0.37 0.00	21.05 -0.51 0.00	25.25 -0.62 0.00	22.98 -0.46 0.00	23.35 -0.45 0.00	25.28 -0.28 0.00	20.29 -0.17 0.00	19.68 0.00 0.00	16.19 -0.03 0.00	14.72 -0.06 0.00
IP CORINTH___1 23988	19.19 0.17 -11.88	18.42 0.17 -9.65	14.82 0.26 -0.06	15.65 0.23 -3.65	16.61 0.28 0.00	16.63 0.33 -0.38	17.28 0.32 0.00	19.15 0.38 0.00	15.90 0.28 0.00	16.84 0.17 0.00	16.02 0.16 0.00	15.52 0.13 0.27	15.35 0.16 0.03	15.81 0.25 0.49	14.24 0.25 1.01	21.75 0.55 0.35	26.49 0.63 0.00	24.07 0.62 0.00	24.47 0.67 0.00	26.37 0.81 0.00	21.11 0.65 0.00	20.30 0.61 -0.01	16.70 0.48 0.00	15.56 0.41 -0.38
IP___TICONDEROGA 23804	19.48 0.49 -11.87	18.76 0.52 -9.63	15.39 0.83 -0.06	16.18 0.77 -3.64	17.32 1.00 0.00	17.32 1.02 -0.38	17.97 1.02 0.00	19.87 1.10 0.00	16.37 0.75 0.00	17.22 0.55 0.00	16.41 0.55 0.00	15.93 0.54 0.27	15.76 0.57 0.03	16.31 0.73 0.49	14.67 0.66 0.99	22.59 1.38 0.35	27.33 1.47 0.00	24.91 1.46 0.00	25.39 1.59 0.00	27.46 1.90 0.00	22.00 1.55 0.00	21.06 1.38 -0.01	17.42 1.21 0.00	16.21 1.06 -0.38
ISLIP_RES_REC 323679	16.61 0.76 -8.72	16.57 0.88 -7.08	15.89 1.35 -0.05	15.55 1.11 -2.68	17.76 1.44 0.00	17.73 1.53 -0.28	18.60 1.64 0.00	20.73 1.96 0.00	17.26 1.64 0.00	19.07 1.87 -0.53	26.03 1.98 -8.19	26.67 1.97 -9.04	27.06 1.93 -9.93	37.47 2.06 -19.35	28.11 1.89 -11.23	28.43 2.65 -4.23	29.32 3.16 -0.30	28.80 3.01 -2.34	26.65 2.85 0.00	28.47 2.91 0.00	22.86 2.40 0.00	22.15 2.46 0.00	18.17 1.96 0.00	16.74 1.67 -0.29
JAMAICA__27_KV_LOAD 355505	16.47 0.62 -8.72	16.44 0.75 -7.08	15.73 1.18 -0.05	15.40 0.96 -2.68	17.59 1.26 0.00	17.50 1.30 -0.28	18.36 1.41 0.00	20.45 1.68 0.00	17.13 1.51 0.00	18.36 1.69 0.00	17.48 1.63 0.00	20.09 1.64 -2.80	17.15 1.63 -0.31	22.88 1.71 -5.11	26.59 1.61 -9.98	27.41 2.19 -3.67	28.58 2.72 0.00	25.89 2.45 0.00	26.18 2.38 0.00	28.03 2.47 0.00	22.42 1.96 0.00	21.55 1.87 0.00	17.82 1.61 0.00	16.50 1.45 -0.29
JANIS___SOLAR 323808	9.51 0.27 -2.11	10.63 0.30 -1.72	14.98 0.46 -0.01	12.86 0.44 -0.65	16.93 0.60 0.00	16.61 0.62 -0.07	17.80 0.84 0.00	19.55 0.78 0.00	16.12 0.50 0.00	17.08 0.41 0.00	16.13 0.27 0.00	15.93 0.27 0.00	15.43 0.22 0.00	16.32 0.27 0.00	15.23 0.23 0.00	21.87 0.31 0.00	26.40 0.53 0.00	23.95 0.50 0.00	24.65 0.85 0.00	26.70 1.15 0.00	21.48 1.02 0.00	20.66 0.98 0.00	16.89 0.67 0.00	15.43 0.55 -0.11
JARVIS____ 23743	7.55 0.00 -0.42	9.36 0.00 -0.76	14.49 -0.01 0.00	12.04 0.01 -0.26	16.34 0.02 0.00	15.93 0.00 0.00	16.97 0.02 0.00	18.77 0.00 0.00	15.63 0.02 0.00	16.69 0.02 0.00	15.86 0.00 0.00	15.66 0.01 0.00	15.21 0.00 0.00	16.07 0.02 0.00	14.99 0.00 0.00	21.56 0.00 0.00	25.89 0.02 0.00	23.47 0.02 0.00	23.82 0.02 0.00	25.61 0.05 0.00	20.49 0.03 0.00	19.72 0.04 0.00	16.23 0.02 0.00	14.80 0.03 0.00
JENNISON___1 23625	10.08 0.34 -2.62	11.13 0.40 -2.12	15.14 0.62 -0.01	13.14 0.57 -0.80	17.09 0.77 0.00	16.78 0.77 -0.08	17.95 0.99 0.00	19.78 1.01 0.00	16.38 0.76 0.00	17.43 0.76 0.00	16.52 0.66 0.00	16.32 0.67 0.00	15.82 0.61 0.00	16.76 0.70 0.00	15.64 0.64 0.00	22.42 0.86 0.00	27.06 1.19 0.00	24.42 0.97 0.00	25.00 1.20 0.00	26.96 1.40 0.00	21.62 1.16 0.00	20.81 1.13 0.00	17.03 0.81 0.00	15.58 0.70 -0.11
JENNISON___2 23626	10.08 0.34 -2.62	11.13 0.40 -2.12	15.14 0.62 -0.01	13.14 0.57 -0.80	17.09 0.77 0.00	16.78 0.77 -0.08	17.95 0.99 0.00	19.78 1.01 0.00	16.38 0.76 0.00	17.43 0.76 0.00	16.52 0.66 0.00	16.32 0.67 0.00	15.82 0.61 0.00	16.76 0.70 0.00	15.64 0.64 0.00	22.42 0.86 0.00	27.06 1.19 0.00	24.42 0.97 0.00	25.00 1.20 0.00	26.96 1.40 0.00	21.62 1.16 0.00	20.81 1.13 0.00	17.03 0.81 0.00	15.58 0.70 -0.11

JERICO_RISE_WT_PWR 323719	-3.12 -0.36 9.89	-9.79 -0.53 17.87	10.61 -0.89 3.00	-13.64 -0.73 24.67	15.60 -0.72 0.00	15.24 -0.69 0.00	16.28 -0.67 0.00	18.28 -0.49 0.00	15.06 -0.56 0.00	16.07 -0.61 0.00	15.28 -0.58 0.00	15.08 -0.58 0.00	14.61 -0.60 0.00	15.30 -0.75 0.00	14.23 -0.76 0.00	20.55 -1.01 0.00	24.79 -1.07 0.00	22.58 -0.87 0.00	23.00 -0.80 0.00	24.93 -0.63 0.00	19.86 -0.60 0.00	18.92 -0.75 0.00	15.53 -0.68 0.00	14.05 -0.72 0.00
KATONAH__115KV_46KV_TB4 355592	16.48 0.54 -8.81	16.38 0.63 -7.15	15.53 0.98 -0.05	15.27 0.81 -2.70	17.40 1.07 0.00	17.32 1.12 -0.28	18.17 1.21 0.00	20.21 1.44 0.00	16.90 1.28 0.00	18.07 1.40 0.00	17.24 1.38 0.00	19.91 1.42 -2.83	16.95 1.43 -0.32	22.77 1.54 -5.17	26.54 1.45 -10.10	27.26 1.99 -3.71	28.29 2.42 0.00	25.66 2.21 0.00	26.01 2.22 0.00	27.95 2.39 0.00	22.34 1.88 0.00	21.47 1.79 0.00	17.66 1.44 0.00	16.36 1.30 -0.30
KCE_NY_1 323755	19.30 0.32 -11.84	18.59 0.37 -9.61	15.18 0.62 -0.06	15.93 0.53 -3.63	17.00 0.68 0.00	16.98 0.68 -0.38	17.64 0.69 0.00	19.55 0.78 0.00	16.26 0.64 0.00	17.25 0.58 0.00	16.39 0.53 0.00	15.94 0.54 0.26	15.72 0.53 0.03	16.21 0.63 0.47	14.63 0.60 0.97	22.23 1.01 0.34	27.08 1.21 0.00	24.54 1.09 0.00	24.91 1.11 0.00	26.83 1.27 0.00	21.47 1.01 0.00	20.69 1.00 -0.01	17.00 0.78 0.00	15.86 0.71 -0.38
KCE_NY_6_ESR 323823	8.43 -0.09 -1.39	9.63 -0.10 -1.13	14.33 -0.17 -0.01	12.18 -0.01 -0.43	16.25 -0.08 0.00	15.79 -0.18 -0.04	17.02 0.07 0.00	18.42 -0.35 0.00	15.40 -0.22 0.00	16.49 -0.18 0.00	15.62 -0.24 0.00	15.52 -0.13 0.00	15.07 -0.14 0.00	15.82 -0.23 0.00	14.65 -0.34 0.00	20.94 -0.62 0.00	25.07 -0.79 0.00	22.50 -0.95 0.00	22.89 -0.90 0.00	24.62 -0.94 0.00	19.87 -0.59 0.00	19.24 -0.44 0.00	15.79 -0.43 0.00	14.23 -0.54 0.00
KEDC_PORT_JEFF_GT2 24210	16.55 0.70 -8.72	16.50 0.81 -7.08	15.77 1.23 -0.05	15.46 1.01 -2.68	17.63 1.31 0.00	17.59 1.39 -0.28	18.44 1.49 0.00	20.54 1.77 0.00	17.11 1.49 0.00	18.91 1.71 -0.53	25.87 1.82 -8.19	26.51 1.81 -9.04	26.91 1.77 -9.93	37.30 1.89 -19.35	27.96 1.74 -11.23	28.21 2.42 -4.23	29.00 2.84 -0.30	28.50 2.71 -2.34	26.35 2.55 0.00	28.16 2.61 0.00	22.61 2.15 0.00	21.94 2.26 0.00	18.02 1.81 0.00	16.62 1.55 -0.29
KEDC_PORT_JEFF_GT3 24211	16.55 0.70 -8.72	16.50 0.81 -7.08	15.77 1.23 -0.05	15.46 1.01 -2.68	17.63 1.31 0.00	17.59 1.39 -0.28	18.44 1.49 0.00	20.54 1.77 0.00	17.11 1.49 0.00	18.91 1.71 -0.53	25.87 1.82 -8.19	26.51 1.81 -9.04	26.91 1.77 -9.93	37.30 1.89 -19.35	27.96 1.74 -11.23	28.21 2.42 -4.23	29.00 2.84 -0.30	28.50 2.71 -2.34	26.35 2.55 0.00	28.16 2.61 0.00	22.61 2.15 0.00	21.94 2.26 0.00	18.02 1.81 0.00	16.62 1.55 -0.29
KEDC_GLWD_GT4 24219	16.47 0.61 -8.72	16.40 0.72 -7.08	15.65 1.10 -0.05	15.35 0.91 -2.68	17.52 1.20 0.00	17.44 1.24 -0.28	18.28 1.33 0.00	20.34 1.57 0.00	17.00 1.38 0.00	18.77 1.57 -0.53	25.68 1.63 -8.19	26.36 1.66 -9.04	26.80 1.66 -9.93	37.19 1.78 -19.35	27.89 1.67 -11.23	28.07 2.28 -4.23	28.92 2.75 -0.30	28.33 2.54 -2.34	26.24 2.44 0.00	28.11 2.55 0.00	22.50 2.04 0.00	21.66 1.97 0.00	17.80 1.59 0.00	16.47 1.41 -0.29
KEDC_GLWD_GT5 24220	16.47 0.61 -8.72	16.40 0.72 -7.08	15.65 1.10 -0.05	15.35 0.91 -2.68	17.52 1.20 0.00	17.44 1.24 -0.28	18.28 1.33 0.00	20.34 1.57 0.00	17.00 1.38 0.00	18.77 1.57 -0.53	25.68 1.63 -8.19	26.36 1.66 -9.04	26.80 1.66 -9.93	37.19 1.78 -19.35	27.89 1.67 -11.23	28.07 2.28 -4.23	28.92 2.75 -0.30	28.33 2.54 -2.34	26.24 2.44 0.00	28.11 2.55 0.00	22.50 2.04 0.00	21.66 1.97 0.00	17.80 1.59 0.00	16.47 1.41 -0.29
KENSICO____ 23655	16.37 0.53 -8.71	16.29 0.61 -7.07	15.50 0.95 -0.05	15.22 0.78 -2.67	17.37 1.04 0.00	17.28 1.08 -0.28	18.12 1.17 0.00	20.15 1.38 0.00	16.86 1.24 0.00	18.04 1.37 0.00	17.22 1.36 0.00	19.84 1.39 -2.79	16.92 1.39 -0.31	22.66 1.50 -5.10	26.38 1.42 -9.97	27.13 1.92 -3.66	28.21 2.34 0.00	25.57 2.13 0.00	25.87 2.08 0.00	27.77 2.21 0.00	22.20 1.74 0.00	21.35 1.66 0.00	17.58 1.36 0.00	16.30 1.23 -0.29
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	15.34 0.60 -7.61	15.50 0.72 -6.17	15.67 1.13 -0.04	15.04 0.95 -2.33	17.63 1.31 0.00	17.42 1.26 -0.24	18.36 1.40 0.00	20.39 1.62 0.00	17.03 1.41 0.00	18.20 1.53 0.00	17.35 1.49 0.00	18.97 1.52 -1.80	16.93 1.52 -0.20	20.98 1.63 -3.29	22.79 1.37 -6.43	25.74 1.82 -2.36	28.12 2.26 0.00	25.59 2.14 0.00	25.94 2.14 0.00	27.89 2.33 0.00	22.48 2.02 0.00	21.59 1.91 0.00	17.75 1.53 0.00	16.39 1.36 -0.25
KIAC_JFK_GT1 23816	16.42 0.57 -8.72	16.38 0.69 -7.08	15.62 1.08 -0.05	15.32 0.88 -2.68	17.46 1.14 0.00	17.39 1.18 -0.28	18.23 1.27 0.00	20.30 1.53 0.00	17.00 1.38 0.00	18.23 1.56 0.00	17.36 1.50 0.00	19.96 1.51 -2.80	17.01 1.49 -0.31	22.68 1.51 -5.11	26.41 1.44 -9.98	27.15 1.93 -3.67	28.27 2.40 0.00	25.60 2.16 0.00	25.89 2.09 0.00	27.80 2.24 0.00	22.23 1.77 0.00	21.38 1.70 0.00	17.73 1.52 0.00	16.43 1.36 -0.29
KIAC_JFK_GT2 23817	16.42 0.57 -8.72	16.38 0.69 -7.08	15.62 1.08 -0.05	15.32 0.88 -2.68	17.46 1.14 0.00	17.39 1.18 -0.28	18.23 1.27 0.00	20.30 1.53 0.00	17.00 1.38 0.00	18.23 1.56 0.00	17.36 1.50 0.00	19.96 1.51 -2.80	17.01 1.49 -0.31	22.68 1.51 -5.11	26.41 1.44 -9.98	27.15 1.93 -3.67	28.27 2.40 0.00	25.60 2.16 0.00	25.89 2.09 0.00	27.80 2.24 0.00	22.23 1.77 0.00	21.38 1.70 0.00	17.73 1.52 0.00	16.43 1.36 -0.29
KIAC_JFK____ 323774	16.42 0.57 -8.72	16.38 0.69 -7.08	15.62 1.08 -0.05	15.32 0.88 -2.68	17.46 1.14 0.00	17.39 1.18 -0.28	18.23 1.27 0.00	20.30 1.53 0.00	17.00 1.38 0.00	18.23 1.56 0.00	17.36 1.50 0.00	19.96 1.51 -2.80	17.01 1.49 -0.31	22.68 1.51 -5.11	26.41 1.44 -9.98	27.15 1.93 -3.67	28.27 2.40 0.00	25.60 2.16 0.00	25.89 2.09 0.00	27.80 2.24 0.00	22.23 1.77 0.00	21.38 1.70 0.00	17.73 1.52 0.00	16.43 1.36 -0.29
KINTIGH____ 23543	8.10 -0.21 -1.18	9.32 -0.25 -0.96	14.05 -0.45 -0.01	11.90 -0.23 -0.36	15.90 -0.42 0.00	15.47 -0.49 -0.04	16.63 -0.33 0.00	18.02 -0.75 0.00	15.05 -0.57 0.00	16.10 -0.57 0.00	15.26 -0.60 0.00	15.12 -0.53 0.00	14.68 -0.53 0.00	15.40 -0.66 0.00	14.29 -0.70 0.00	20.45 -1.11 0.00	24.49 -1.38 0.00	22.02 -1.43 0.00	22.40 -1.40 0.00	24.09 -1.46 0.00	19.43 -1.03 0.00	18.80 -0.88 0.00	15.45 -0.77 0.00	13.97 -0.79 0.01
KNTFSRNC_46_KV_46KV_LOAD 80397	-3.14 -0.25 10.02	-9.94 -0.45 18.10	10.86 -0.76 2.88	-12.87 -0.68 23.96	15.73 -0.59 0.00	15.41 -0.51 0.00	16.54 -0.41 0.00	18.62 -0.15 0.00	15.33 -0.29 0.00	16.29 -0.38 0.00	15.49 -0.37 0.00	15.28 -0.38 0.00	14.82 -0.40 0.00	15.51 -0.54 0.00	14.34 -0.65 0.00	20.72 -0.84 0.00	25.03 -0.83 0.00	22.84 -0.61 0.00	23.29 -0.51 0.00	25.28 -0.28 0.00	20.14 -0.32 0.00	19.18 -0.50 0.00	15.72 -0.50 0.00	14.19 -0.58 0.00

LACHUTE____HYDRO 323717	19.49 0.49 -11.87	18.76 0.52 -9.63	15.40 0.84 -0.06	16.19 0.78 -3.64	17.32 1.00 0.00	17.32 1.02 -0.38	17.97 1.02 0.00	19.87 1.10 0.00	16.37 0.75 0.00	17.22 0.55 0.00	16.42 0.56 0.00	15.93 0.54 0.27	15.76 0.57 0.03	16.31 0.74 0.49	14.67 0.66 0.99	22.59 1.38 0.35	27.33 1.47 0.00	24.91 1.46 0.00	25.39 1.59 0.00	27.46 1.90 0.00	22.00 1.55 0.00	21.06 1.38 -0.01	17.42 1.21 0.00	16.21 1.06 -0.38
LAWRNCV_115KV_TB1 80681	-1.61 -0.35 8.39	-7.00 -0.45 15.16	14.17 -0.74 -0.42	8.50 -0.61 2.66	15.58 -0.74 0.00	15.22 -0.71 0.00	16.17 -0.79 0.00	17.96 -0.81 0.00	14.87 -0.75 0.00	15.90 -0.78 0.00	15.11 -0.74 0.00	14.87 -0.78 0.00	14.41 -0.80 0.00	15.18 -0.88 0.00	14.21 -0.78 0.00	20.49 -1.07 0.00	24.60 -1.26 0.00	22.38 -1.07 0.00	22.74 -1.05 0.00	24.45 -1.11 0.00	19.53 -0.93 0.00	18.68 -1.00 0.00	15.41 -0.81 0.00	14.06 -0.71 0.00
LEDERLE____ 23769	15.66 0.53 -7.99	15.70 0.61 -6.48	15.49 0.95 -0.04	15.01 0.79 -2.45	17.40 1.07 0.00	17.26 1.08 -0.25	18.13 1.18 0.00	20.16 1.39 0.00	16.83 1.22 0.00	18.01 1.34 0.00	17.21 1.35 0.00	19.46 1.38 -2.43	16.85 1.37 -0.27	21.99 1.50 -4.44	25.08 1.43 -8.66	26.62 1.88 -3.18	28.20 2.33 0.00	25.56 2.11 0.00	25.86 2.07 0.00	27.74 2.18 0.00	22.18 1.72 0.00	21.34 1.66 0.00	17.57 1.35 0.00	16.26 1.23 -0.27
LIGHTHSE_115KV_TB6 355974	6.80 -0.25 0.07	7.47 -0.31 0.82	13.99 -0.52 0.00	11.22 -0.29 0.26	15.97 -0.36 0.00	15.59 -0.36 -0.02	16.56 -0.40 0.00	18.26 -0.51 0.00	15.20 -0.42 0.00	16.21 -0.46 0.00	15.43 -0.43 0.00	15.27 -0.39 0.00	14.78 -0.43 0.00	15.56 -0.50 0.00	14.52 -0.47 0.00	20.79 -0.76 0.00	25.03 -0.83 0.00	22.73 -0.72 0.00	23.22 -0.57 0.00	25.02 -0.54 0.00	20.04 -0.42 0.00	19.13 -0.55 0.00	15.72 -0.50 0.00	14.48 -0.31 -0.02
LINDEN COGEN____ 23786	16.36 0.51 -8.72	16.28 0.59 -7.08	15.45 0.91 -0.05	15.20 0.76 -2.68	17.32 0.99 0.00	17.22 1.02 -0.28	18.06 1.11 0.00	20.10 1.33 0.00	16.83 1.21 0.00	18.03 1.36 0.00	17.23 1.37 0.00	19.85 1.40 -2.80	16.93 1.41 -0.31	22.66 1.49 -5.11	26.40 1.42 -9.98	27.14 1.92 -3.67	28.24 2.37 0.00	25.60 2.15 0.00	25.88 2.08 0.00	27.77 2.21 0.00	22.20 1.74 0.00	21.33 1.65 0.00	17.59 1.37 0.00	16.32 1.26 -0.29
LINDHRST_69_KV_BK1 356055	16.55 0.70 -8.72	16.50 0.81 -7.08	15.79 1.24 -0.05	15.45 1.01 -2.68	17.66 1.34 0.00	17.61 1.41 -0.28	18.46 1.51 0.00	20.55 1.78 0.00	17.15 1.53 0.00	18.94 1.74 -0.53	25.88 1.83 -8.19	26.54 1.84 -9.04	26.95 1.81 -9.93	37.33 1.92 -19.35	27.98 1.76 -11.23	28.19 2.41 -4.23	29.04 2.88 -0.30	28.52 2.73 -2.34	26.37 2.57 0.00	28.20 2.64 0.00	22.62 2.17 0.00	21.87 2.19 0.00	18.00 1.78 0.00	16.61 1.55 -0.29
LIPA_MISC_IPP 23656	16.52 0.66 -8.72	16.46 0.78 -7.08	15.71 1.17 -0.05	15.40 0.96 -2.68	17.61 1.28 0.00	17.51 1.31 -0.28	18.37 1.41 0.00	20.48 1.71 0.00	17.02 1.41 0.00	18.82 1.62 -0.53	25.79 1.73 -8.19	26.42 1.72 -9.04	26.81 1.67 -9.93	37.21 1.80 -19.35	27.87 1.65 -11.23	28.10 2.31 -4.23	28.92 2.76 -0.30	28.46 2.67 -2.34	26.32 2.53 0.00	28.14 2.58 0.00	22.60 2.14 0.00	21.89 2.20 0.00	17.98 1.76 0.00	16.55 1.49 -0.29
LISF____SOLAR 323691	16.53 0.67 -8.72	16.48 0.79 -7.08	15.74 1.19 -0.05	15.43 0.99 -2.68	17.63 1.31 0.00	17.52 1.33 -0.28	18.38 1.43 0.00	20.49 1.72 0.00	17.03 1.41 0.00	18.82 1.62 -0.53	25.79 1.74 -8.19	26.41 1.71 -9.04	26.81 1.67 -9.93	37.19 1.78 -19.35	27.86 1.64 -11.23	28.09 2.30 -4.23	28.93 2.77 -0.30	28.48 2.69 -2.34	26.36 2.56 0.00	28.18 2.62 0.00	22.63 2.17 0.00	21.93 2.24 0.00	18.00 1.78 0.00	16.57 1.50 -0.29
LITTLE FALLS____HYD 24013	7.52 -0.03 -0.42	9.34 -0.03 -0.76	14.39 -0.11 0.00	11.95 -0.08 -0.26	16.15 -0.17 0.00	15.71 -0.22 0.00	16.73 -0.22 0.00	18.55 -0.22 0.00	15.37 -0.25 0.00	16.29 -0.38 0.00	15.48 -0.38 0.00	15.28 -0.37 0.00	14.83 -0.38 0.00	15.69 -0.36 0.00	14.63 -0.37 0.00	21.05 -0.51 0.00	25.25 -0.62 0.00	22.98 -0.46 0.00	23.35 -0.45 0.00	25.28 -0.28 0.00	20.29 -0.17 0.00	19.68 0.00 0.00	16.19 -0.03 0.00	14.72 -0.06 0.00
LITTLRIV_115KV_TB1 356100	-1.37 -0.28 8.21	-6.59 -0.37 14.83	14.34 -0.61 -0.45	8.92 -0.51 2.34	15.73 -0.59 0.00	15.35 -0.57 0.00	16.31 -0.64 0.00	18.11 -0.66 0.00	14.97 -0.65 0.00	16.00 -0.67 0.00	15.22 -0.64 0.00	14.96 -0.69 0.00	14.51 -0.70 0.00	15.29 -0.77 0.00	14.33 -0.66 0.00	20.64 -0.92 0.00	24.79 -1.07 0.00	22.57 -0.88 0.00	22.94 -0.85 0.00	24.67 -0.89 0.00	19.72 -0.75 0.00	18.85 -0.83 0.00	15.54 -0.67 0.00	14.17 -0.60 0.00
LI_NEWBRDGE____DRP 323616	16.44 0.59 -8.72	16.37 0.69 -7.08	15.58 1.04 -0.05	15.29 0.85 -2.68	17.45 1.12 0.00	17.37 1.17 -0.28	18.20 1.24 0.00	20.25 1.48 0.00	16.91 1.29 0.00	18.68 1.48 -0.53	25.64 1.58 -8.19	26.30 1.61 -9.04	26.73 1.59 -9.93	37.10 1.69 -19.35	27.78 1.57 -11.23	27.90 2.11 -4.23	28.67 2.51 -0.30	28.17 2.38 -2.34	26.03 2.23 0.00	27.84 2.28 0.00	22.31 1.85 0.00	21.53 1.85 0.00	17.72 1.50 0.00	16.39 1.32 -0.29
LOCKPORT_115KV_TB60_63_64 80432	8.18 -0.21 -1.26	9.38 -0.25 -1.02	14.05 -0.45 -0.01	11.93 -0.22 -0.39	15.91 -0.41 0.00	15.43 -0.53 -0.04	16.60 -0.35 0.00	17.88 -0.88 0.00	14.95 -0.67 0.00	15.98 -0.69 0.00	15.14 -0.72 0.00	15.03 -0.62 0.00	14.58 -0.63 0.00	15.25 -0.80 0.00	14.16 -0.83 0.00	20.24 -1.31 0.00	24.23 -1.63 0.00	21.78 -1.67 0.00	22.18 -1.62 0.00	23.87 -1.69 0.00	19.29 -1.17 0.00	18.68 -1.00 0.00	15.33 -0.89 0.00	13.84 -0.92 0.01
LOCKPORT____CC1 323769	8.19 -0.21 -1.27	9.38 -0.26 -1.03	14.06 -0.45 -0.01	11.93 -0.23 -0.39	15.91 -0.41 0.00	15.44 -0.52 -0.04	16.62 -0.34 0.00	17.91 -0.86 0.00	14.97 -0.65 0.00	16.00 -0.67 0.00	15.16 -0.70 0.00	15.07 -0.59 0.00	14.62 -0.59 0.00	15.31 -0.74 0.00	14.19 -0.80 0.00	20.29 -1.27 0.00	24.27 -1.60 0.00	21.80 -1.65 0.00	22.20 -1.60 0.00	23.87 -1.69 0.00	19.30 -1.16 0.00	18.68 -0.99 0.00	15.35 -0.87 0.00	13.83 -0.94 0.01
LOCKPORT____CC2 323770	8.19 -0.21 -1.27	9.38 -0.26 -1.03	14.06 -0.45 -0.01	11.93 -0.23 -0.39	15.91 -0.41 0.00	15.44 -0.52 -0.04	16.62 -0.34 0.00	17.91 -0.86 0.00	14.97 -0.65 0.00	16.00 -0.67 0.00	15.16 -0.70 0.00	15.07 -0.59 0.00	14.62 -0.59 0.00	15.31 -0.74 0.00	14.19 -0.80 0.00	20.29 -1.27 0.00	24.27 -1.60 0.00	21.80 -1.65 0.00	22.20 -1.60 0.00	23.87 -1.69 0.00	19.30 -1.16 0.00	18.68 -0.99 0.00	15.35 -0.87 0.00	13.83 -0.94 0.01
LOCKPORT____CC3 323771	8.19 -0.21 -1.27	9.38 -0.26 -1.03	14.06 -0.45 -0.01	11.93 -0.23 -0.39	15.91 -0.41 0.00	15.44 -0.52 -0.04	16.62 -0.34 0.00	17.91 -0.86 0.00	14.97 -0.65 0.00	16.00 -0.67 0.00	15.16 -0.70 0.00	15.07 -0.59 0.00	14.62 -0.59 0.00	15.31 -0.74 0.00	14.19 -0.80 0.00	20.29 -1.27 0.00	24.27 -1.60 0.00	21.80 -1.65 0.00	22.20 -1.60 0.00	23.87 -1.69 0.00	19.30 -1.16 0.00	18.68 -0.99 0.00	15.35 -0.87 0.00	13.83 -0.94 0.01

LONG_LAKE_PHOENIX 24014	7.71 -0.20 -0.77	8.99 -0.24 -0.63	14.10 -0.41 0.00	11.72 -0.28 -0.24	15.91 -0.41 0.00	15.54 -0.40 -0.03	16.55 -0.41 0.00	18.25 -0.52 0.00	15.18 -0.44 0.00	16.20 -0.47 0.00	15.41 -0.45 0.00	15.25 -0.40 0.00	14.81 -0.41 0.00	15.64 -0.42 0.00	14.59 -0.41 0.00	20.93 -0.63 0.00	25.33 -0.54 0.00	22.86 -0.58 0.00	23.25 -0.55 0.00	24.99 -0.57 0.00	20.03 -0.43 0.00	19.26 -0.42 0.00	15.82 -0.40 0.00	14.42 -0.38 -0.03
LOVETT___3 23632	15.64 0.50 -8.00	15.68 0.57 -6.50	15.42 0.88 -0.04	14.96 0.74 -2.46	17.32 0.99 0.00	17.19 1.01 -0.25	18.05 1.10 0.00	20.06 1.29 0.00	16.75 1.13 0.00	17.92 1.24 0.00	17.11 1.26 0.00	19.38 1.28 -2.44	16.76 1.28 -0.27	21.90 1.39 -4.45	25.02 1.33 -8.70	26.48 1.73 -3.19	28.00 2.13 0.00	25.39 1.94 0.00	25.69 1.89 0.00	27.56 2.00 0.00	22.03 1.57 0.00	21.20 1.52 0.00	17.48 1.27 0.00	16.19 1.15 -0.27
LOVETT___4 23642	15.64 0.50 -8.00	15.68 0.57 -6.50	15.42 0.88 -0.04	14.96 0.74 -2.46	17.32 0.99 0.00	17.19 1.01 -0.25	18.05 1.10 0.00	20.06 1.29 0.00	16.75 1.13 0.00	17.92 1.24 0.00	17.11 1.26 0.00	19.38 1.28 -2.44	16.76 1.28 -0.27	21.90 1.39 -4.45	25.02 1.33 -8.70	26.48 1.73 -3.19	28.00 2.13 0.00	25.39 1.94 0.00	25.69 1.89 0.00	27.56 2.00 0.00	22.03 1.57 0.00	21.20 1.52 0.00	17.48 1.27 0.00	16.19 1.15 -0.27
LOVETT___5 23593	15.64 0.50 -8.00	15.68 0.57 -6.50	15.42 0.88 -0.04	14.96 0.74 -2.46	17.32 0.99 0.00	17.19 1.01 -0.25	18.05 1.10 0.00	20.06 1.29 0.00	16.75 1.13 0.00	17.92 1.24 0.00	17.11 1.26 0.00	19.38 1.28 -2.44	16.76 1.28 -0.27	21.90 1.39 -4.45	25.02 1.33 -8.70	26.48 1.73 -3.19	28.00 2.13 0.00	25.39 1.94 0.00	25.69 1.89 0.00	27.56 2.00 0.00	22.03 1.57 0.00	21.20 1.52 0.00	17.48 1.27 0.00	16.19 1.15 -0.27
LOWER_RAQUET___HYD 24057	-1.31 -0.40 8.04	-6.43 -0.52 14.52	14.12 -0.86 -0.48	9.02 -0.70 2.05	15.48 -0.84 0.00	15.12 -0.80 0.00	16.06 -0.90 0.00	17.85 -0.92 0.00	14.77 -0.85 0.00	15.79 -0.88 0.00	15.02 -0.84 0.00	14.78 -0.88 0.00	14.32 -0.89 0.00	15.06 -0.99 0.00	14.11 -0.88 0.00	20.34 -1.22 0.00	24.43 -1.43 0.00	22.24 -1.21 0.00	22.61 -1.19 0.00	24.32 -1.24 0.00	19.42 -1.04 0.00	18.55 -1.13 0.00	15.30 -0.92 0.00	13.97 -0.80 0.00
LOWER___HUDSON 24059	18.99 0.28 -11.58	18.34 0.33 -9.40	15.10 0.54 -0.06	15.78 0.46 -3.55	16.94 0.61 0.00	16.87 0.57 -0.37	17.47 0.51 0.00	19.37 0.60 0.00	16.13 0.51 0.00	17.11 0.44 0.00	16.26 0.40 0.00	15.86 0.40 0.19	15.58 0.39 0.02	16.18 0.47 0.35	14.71 0.45 0.73	22.06 0.75 0.25	26.73 0.87 0.00	24.22 0.78 0.00	24.57 0.77 0.00	26.45 0.89 0.00	21.18 0.72 0.00	20.43 0.75 -0.01	16.82 0.61 0.00	15.70 0.56 -0.37
LOWVILLE_115KV_TB2 356335	5.11 -0.36 1.67	4.78 -0.47 3.36	13.92 -0.72 -0.14	11.13 -0.34 0.30	16.13 -0.19 0.00	15.68 -0.25 -0.01	16.51 -0.45 0.00	18.31 -0.46 0.00	15.30 -0.31 0.00	16.35 -0.32 0.00	15.55 -0.31 0.00	15.33 -0.32 0.00	14.75 -0.46 0.00	15.46 -0.59 0.00	14.46 -0.53 0.00	20.64 -0.92 0.00	25.09 -0.78 0.00	22.89 -0.56 0.00	23.48 -0.32 0.00	25.34 -0.22 0.00	20.04 -0.42 0.00	18.87 -0.81 0.00	15.56 -0.66 0.00	14.59 -0.19 -0.01
LUTHERFT_115KV_GLOB_FND_222 355753	19.30 0.32 -11.84	18.59 0.37 -9.61	15.17 0.61 -0.06	15.91 0.52 -3.63	17.01 0.68 0.00	16.98 0.68 -0.38	17.64 0.69 0.00	19.55 0.78 0.00	16.26 0.64 0.00	17.25 0.58 0.00	16.39 0.54 0.00	15.93 0.54 0.26	15.72 0.54 0.03	16.21 0.63 0.47	14.63 0.60 0.97	22.21 0.99 0.34	27.05 1.18 0.00	24.54 1.09 0.00	24.91 1.11 0.00	26.82 1.26 0.00	21.47 1.01 0.00	20.68 0.99 -0.01	17.00 0.78 0.00	15.85 0.70 -0.38
LUTHERNY_35_KV_BK2 355980	19.30 0.32 -11.84	18.59 0.37 -9.61	15.18 0.61 -0.06	15.92 0.52 -3.63	17.00 0.68 0.00	16.98 0.68 -0.38	17.64 0.69 0.00	19.55 0.78 0.00	16.26 0.64 0.00	17.25 0.58 0.00	16.38 0.53 0.00	15.94 0.54 0.26	15.72 0.53 0.03	16.21 0.63 0.47	14.64 0.61 0.97	22.23 1.01 0.34	27.08 1.21 0.00	24.54 1.09 0.00	24.91 1.11 0.00	26.83 1.27 0.00	21.47 1.01 0.00	20.69 1.00 -0.01	17.00 0.78 0.00	15.85 0.71 -0.38
LWR___OSWEGATCHIE_HYD 23850	1.62 -0.43 5.09	-1.40 -0.55 9.45	13.94 -0.88 -0.33	9.93 -0.60 1.24	15.68 -0.65 0.00	15.30 -0.64 -0.01	16.17 -0.78 0.00	17.96 -0.81 0.00	14.92 -0.70 0.00	15.93 -0.74 0.00	15.15 -0.71 0.00	14.93 -0.73 0.00	14.41 -0.80 0.00	15.13 -0.93 0.00	14.16 -0.83 0.00	20.31 -1.25 0.00	24.54 -1.33 0.00	22.38 -1.07 0.00	22.87 -0.93 0.00	24.66 -0.90 0.00	19.61 -0.85 0.00	18.60 -1.08 0.00	15.34 -0.88 0.00	14.19 -0.59 -0.01
LYONS_FALL_HYD 23570	6.11 -0.19 0.84	6.52 -0.25 1.83	14.21 -0.38 -0.09	11.56 -0.16 0.06	16.30 -0.03 0.00	15.85 -0.08 -0.01	16.78 -0.17 0.00	18.59 -0.18 0.00	15.50 -0.12 0.00	16.56 -0.11 0.00	15.74 -0.12 0.00	15.53 -0.12 0.00	14.99 -0.22 0.00	15.78 -0.28 0.00	14.74 -0.25 0.00	21.09 -0.47 0.00	25.53 -0.33 0.00	23.22 -0.23 0.00	23.75 -0.04 0.00	25.60 0.04 0.00	20.34 -0.12 0.00	19.31 -0.37 0.00	15.90 -0.32 0.00	14.74 -0.04 -0.01
MADISON___COUNTY_LFGE 323628	7.74 0.07 -0.53	9.13 0.09 -0.43	14.62 0.12 0.00	12.09 0.16 -0.17	16.59 0.26 0.00	16.17 0.23 -0.02	17.25 0.30 0.00	19.05 0.28 0.00	15.81 0.19 0.00	16.87 0.19 0.00	16.04 0.18 0.00	15.85 0.19 0.00	15.37 0.15 0.00	16.26 0.21 0.00	15.16 0.17 0.00	21.74 0.18 0.00	26.19 0.32 0.00	23.72 0.28 0.00	24.21 0.41 0.00	26.09 0.53 0.00	20.87 0.41 0.00	20.03 0.35 0.00	16.44 0.22 0.00	15.00 0.21 -0.02
MALONE___115KV_TB1 356076	-2.61 -0.31 9.43	-8.89 -0.47 17.02	15.56 -0.78 -1.83	16.56 -0.65 -5.44	15.69 -0.64 0.00	15.33 -0.60 0.00	16.38 -0.57 0.00	18.36 -0.42 0.00	15.13 -0.49 0.00	16.16 -0.52 0.00	15.36 -0.50 0.00	15.14 -0.51 0.00	14.68 -0.54 0.00	15.38 -0.67 0.00	14.33 -0.66 0.00	20.69 -0.87 0.00	24.93 -0.93 0.00	22.70 -0.75 0.00	23.12 -0.68 0.00	25.02 -0.54 0.00	19.94 -0.52 0.00	19.02 -0.66 0.00	15.62 -0.60 0.00	14.15 -0.62 0.00
MAPLEWOD_115KV_TB3 80458	18.95 0.29 -11.53	18.31 0.34 -9.36	15.11 0.55 -0.06	15.77 0.46 -3.54	16.95 0.62 0.00	16.87 0.58 -0.37	17.48 0.52 0.00	19.39 0.62 0.00	16.14 0.52 0.00	17.16 0.49 0.00	16.32 0.46 0.00	15.86 0.46 0.25	15.65 0.46 0.03	16.11 0.52 0.46	14.57 0.52 0.95	22.03 0.80 0.33	26.85 0.99 0.00	24.35 0.91 0.00	24.70 0.90 0.00	26.57 1.01 0.00	21.28 0.82 0.00	20.49 0.81 -0.01	16.86 0.65 0.00	15.73 0.59 -0.36
MAPLE_RIDGE_WT_1 323574	-12.34 -0.35 19.12	-26.36 -0.44 34.54	13.84 -0.66 0.00	-0.56 -0.44 11.89	15.92 -0.40 0.00	15.52 -0.40 0.00	16.31 -0.64 0.00	18.11 -0.66 0.00	15.23 -0.39 0.00	16.40 -0.27 0.00	15.58 -0.28 0.00	15.31 -0.35 0.00	14.73 -0.48 0.00	15.47 -0.59 0.00	14.43 -0.56 0.00	20.78 -0.78 0.00	25.04 -0.83 0.00	22.80 -0.65 0.00	23.19 -0.61 0.00	24.96 -0.60 0.00	19.77 -0.69 0.00	18.72 -0.96 0.00	15.40 -0.81 0.00	14.31 -0.46 0.00

MAPLE_RIDGE_WT_2 323611	-12.34 -0.35 19.12	-26.36 -0.44 34.54	13.84 -0.66 0.00	-0.56 -0.44 11.89	15.92 -0.40 0.00	15.52 -0.40 0.00	16.31 -0.64 0.00	18.11 -0.66 0.00	15.23 -0.39 0.00	16.40 -0.27 0.00	15.58 -0.28 0.00	15.31 -0.35 0.00	14.73 -0.48 0.00	15.47 -0.59 0.00	14.43 -0.56 0.00	20.78 -0.78 0.00	25.04 -0.83 0.00	22.80 -0.65 0.00	23.19 -0.61 0.00	24.96 -0.60 0.00	19.77 -0.69 0.00	18.72 -0.96 0.00	15.40 -0.81 0.00	14.31 -0.46 0.00
MARBLE_RIVER_WT_PWR 323696	-3.33 -0.36 10.10	-10.17 -0.54 18.24	10.78 -0.92 2.80	-12.53 -0.73 23.56	15.59 -0.74 0.00	15.22 -0.70 0.00	16.27 -0.69 0.00	18.26 -0.51 0.00	15.04 -0.58 0.00	16.04 -0.63 0.00	15.26 -0.60 0.00	15.06 -0.60 0.00	14.59 -0.63 0.00	15.29 -0.77 0.00	14.23 -0.76 0.00	20.54 -1.01 0.00	24.81 -1.05 0.00	22.61 -0.84 0.00	23.05 -0.74 0.00	25.01 -0.55 0.00	19.90 -0.56 0.00	18.95 -0.74 0.00	15.55 -0.67 0.00	14.06 -0.71 0.00
MARSHVLE_115KV_TB1 80742	21.71 0.50 -14.07	20.61 0.57 -11.43	15.54 0.97 -0.07	16.88 0.79 -4.32	17.40 1.08 0.00	17.58 1.21 -0.45	18.36 1.41 0.00	20.25 1.48 0.00	16.79 1.17 0.00	17.92 1.25 0.00	16.97 1.12 0.00	16.52 1.10 0.24	16.20 1.02 0.03	16.62 0.99 0.43	15.02 0.89 0.87	22.48 1.23 0.31	27.40 1.53 0.00	25.03 1.58 0.00	25.45 1.65 0.00	27.46 1.90 0.00	22.03 1.57 0.00	21.25 1.57 -0.01	17.46 1.24 0.00	16.33 1.10 -0.45
MARSH_HILL_WT_PWR 323713	8.79 -0.01 -1.68	10.00 0.03 -1.36	14.58 0.07 -0.01	12.46 0.18 -0.51	16.48 0.15 0.00	16.09 0.12 -0.05	17.46 0.51 0.00	19.06 0.29 0.00	15.87 0.25 0.00	17.05 0.38 0.00	16.20 0.34 0.00	16.04 0.38 0.00	15.58 0.37 0.00	16.45 0.39 0.00	15.26 0.26 0.00	21.77 0.21 0.00	26.11 0.24 0.00	23.46 0.01 0.00	23.95 0.15 0.00	25.71 0.16 0.00	20.73 0.27 0.00	20.05 0.37 0.00	16.39 0.17 0.00	14.97 0.08 -0.12
MCINTYRE_115KV_TB2 80467	-1.53 -0.18 8.49	-6.96 -0.24 15.33	14.51 -0.39 -0.40	8.60 -0.35 2.82	15.92 -0.40 0.00	15.56 -0.36 0.00	16.56 -0.40 0.00	18.34 -0.43 0.00	15.15 -0.47 0.00	16.21 -0.46 0.00	15.41 -0.44 0.00	15.15 -0.50 0.00	14.70 -0.51 0.00	15.49 -0.56 0.00	14.53 -0.47 0.00	20.93 -0.63 0.00	25.13 -0.73 0.00	22.86 -0.58 0.00	23.23 -0.56 0.00	24.98 -0.58 0.00	19.97 -0.49 0.00	19.13 -0.55 0.00	15.77 -0.44 0.00	14.36 -0.41 0.00
MECO____69_KV_BK1 80468	21.15 0.61 -13.40	20.22 0.73 -10.88	15.77 1.20 -0.07	16.88 1.01 -4.11	17.75 1.43 0.00	17.75 1.40 -0.43	18.55 1.60 0.00	20.65 1.88 0.00	17.04 1.42 0.00	18.07 1.40 0.00	17.06 1.21 0.00	16.57 1.18 0.26	16.29 1.11 0.03	16.47 0.89 0.48	14.69 0.67 0.96	22.15 0.94 0.34	27.48 1.62 0.00	25.25 1.80 0.00	25.74 1.94 0.00	28.05 2.49 0.00	22.47 2.01 0.00	21.64 1.95 -0.01	17.73 1.51 0.00	16.52 1.32 -0.43
MENANDS__115KV_TB5 355628	18.74 0.19 -11.42	18.10 0.22 -9.27	14.93 0.37 -0.06	15.59 0.31 -3.50	16.75 0.42 0.00	16.65 0.37 -0.36	17.24 0.28 0.00	19.12 0.35 0.00	15.94 0.32 0.00	16.94 0.27 0.00	16.12 0.26 0.00	15.67 0.26 0.25	15.46 0.28 0.03	15.91 0.31 0.46	14.38 0.33 0.94	21.73 0.51 0.33	26.44 0.58 0.00	23.96 0.51 0.00	24.29 0.49 0.00	26.13 0.57 0.00	20.92 0.46 0.00	20.15 0.47 -0.01	16.61 0.40 0.00	15.52 0.39 -0.36
MG INDUSTRY___DRP 24185	18.45 0.20 -11.12	17.88 0.25 -9.03	14.96 0.40 -0.06	15.52 0.35 -3.41	16.80 0.48 0.00	16.69 0.41 -0.35	17.31 0.36 0.00	19.17 0.40 0.00	15.95 0.33 0.00	16.96 0.29 0.00	16.11 0.25 0.00	15.71 0.22 0.17	15.41 0.22 0.02	15.98 0.24 0.32	14.60 0.25 0.65	21.74 0.42 0.23	26.34 0.48 0.00	23.88 0.44 0.00	24.24 0.44 0.00	26.11 0.55 0.00	20.90 0.44 0.00	20.13 0.44 -0.01	16.58 0.36 0.00	15.50 0.37 -0.35
MID___OSWEGATCHIE_HYD 23849	1.62 -0.43 5.09	-1.40 -0.55 9.45	13.94 -0.88 -0.33	9.93 -0.60 1.24	15.68 -0.65 0.00	15.30 -0.64 -0.01	16.17 -0.78 0.00	17.96 -0.81 0.00	14.92 -0.70 0.00	15.93 -0.74 0.00	15.15 -0.71 0.00	14.93 -0.73 0.00	14.41 -0.80 0.00	15.13 -0.93 0.00	14.16 -0.83 0.00	20.31 -1.25 0.00	24.54 -1.33 0.00	22.38 -1.07 0.00	22.87 -0.93 0.00	24.66 -0.90 0.00	19.61 -0.85 0.00	18.60 -1.08 0.00	15.34 -0.88 0.00	14.19 -0.59 -0.01
MID___RAQUETTE_HYD 23851	-1.31 -0.40 8.04	-6.43 -0.51 14.52	14.13 -0.86 -0.48	9.02 -0.70 2.05	15.48 -0.84 0.00	15.12 -0.80 0.00	16.06 -0.90 0.00	17.85 -0.92 0.00	14.77 -0.85 0.00	15.79 -0.88 0.00	15.02 -0.84 0.00	14.78 -0.88 0.00	14.32 -0.89 0.00	15.07 -0.99 0.00	14.11 -0.88 0.00	20.34 -1.22 0.00	24.43 -1.43 0.00	22.24 -1.21 0.00	22.61 -1.19 0.00	24.32 -1.24 0.00	19.42 -1.04 0.00	18.55 -1.13 0.00	15.30 -0.92 0.00	13.97 -0.80 0.00
MILLIKEN___1 23584	8.90 0.11 -1.65	10.09 0.14 -1.34	14.71 0.20 -0.01	12.48 0.21 -0.51	16.60 0.27 0.00	16.24 0.27 -0.05	17.38 0.43 0.00	19.12 0.36 0.00	15.90 0.28 0.00	16.96 0.29 0.00	16.07 0.21 0.00	15.87 0.21 0.00	15.41 0.20 0.00	16.27 0.22 0.00	15.19 0.19 0.00	21.80 0.25 0.00	26.21 0.34 0.00	23.75 0.31 0.00	24.27 0.47 0.00	26.13 0.57 0.00	20.97 0.51 0.00	20.16 0.48 0.00	16.52 0.30 0.00	15.12 0.25 -0.10
MILLIKEN___2 23585	8.90 0.11 -1.65	10.09 0.14 -1.34	14.71 0.20 -0.01	12.48 0.21 -0.51	16.60 0.27 0.00	16.24 0.27 -0.05	17.38 0.43 0.00	19.12 0.36 0.00	15.90 0.28 0.00	16.96 0.29 0.00	16.07 0.21 0.00	15.87 0.21 0.00	15.41 0.20 0.00	16.27 0.22 0.00	15.19 0.19 0.00	21.80 0.25 0.00	26.21 0.34 0.00	23.75 0.31 0.00	24.27 0.47 0.00	26.13 0.57 0.00	20.97 0.51 0.00	20.16 0.48 0.00	16.52 0.30 0.00	15.12 0.25 -0.10
MILLIKEN___DIESEL 23629	8.90 0.11 -1.65	10.09 0.14 -1.34	14.71 0.20 -0.01	12.48 0.21 -0.51	16.60 0.27 0.00	16.24 0.27 -0.05	17.38 0.43 0.00	19.12 0.36 0.00	15.90 0.28 0.00	16.96 0.29 0.00	16.07 0.21 0.00	15.87 0.21 0.00	15.41 0.20 0.00	16.27 0.22 0.00	15.19 0.19 0.00	21.80 0.25 0.00	26.21 0.34 0.00	23.75 0.31 0.00	24.27 0.47 0.00	26.13 0.57 0.00	20.97 0.51 0.00	20.16 0.48 0.00	16.52 0.30 0.00	15.12 0.25 -0.10
MILLSEAT___LFGE 323607	8.28 -0.08 -1.23	9.48 -0.12 -1.00	14.28 -0.22 -0.01	12.09 -0.06 -0.37	16.17 -0.16 0.00	15.70 -0.26 -0.04	16.91 -0.05 0.00	18.26 -0.51 0.00	15.25 -0.37 0.00	16.28 -0.39 0.00	15.43 -0.43 0.00	15.30 -0.36 0.00	14.84 -0.38 0.00	15.55 -0.50 0.00	14.43 -0.56 0.00	20.62 -0.94 0.00	24.70 -1.16 0.00	22.28 -1.17 0.00	22.74 -1.06 0.00	24.46 -1.10 0.00	19.77 -0.69 0.00	19.11 -0.57 0.00	15.68 -0.54 0.00	14.12 -0.64 0.01
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	16.31 0.52 -8.66	16.24 0.60 -7.03	15.48 0.93 -0.04	15.19 0.77 -2.66	17.35 1.02 0.00	17.26 1.06 -0.28	18.10 1.14 0.00	20.12 1.35 0.00	16.83 1.21 0.00	18.00 1.33 0.00	17.18 1.32 0.00	19.77 1.35 -2.77	16.87 1.35 -0.31	22.58 1.46 -5.06	26.26 1.38 -9.89	27.05 1.86 -3.63	28.14 2.27 0.00	25.52 2.07 0.00	25.82 2.02 0.00	27.71 2.15 0.00	22.15 1.69 0.00	21.30 1.62 0.00	17.54 1.33 0.00	16.27 1.20 -0.29

MILLWOOD_13_KV_LOAD 356217	16.33 0.53 -8.66	16.26 0.62 -7.03	15.51 0.96 -0.04	15.22 0.79 -2.66	17.38 1.05 0.00	17.29 1.09 -0.28	18.13 1.18 0.00	20.16 1.39 0.00	16.87 1.25 0.00	18.05 1.37 0.00	17.22 1.36 0.00	19.82 1.39 -2.77	16.91 1.39 -0.31	22.63 1.51 -5.06	26.31 1.42 -9.89	27.12 1.93 -3.63	28.23 2.37 0.00	25.60 2.15 0.00	25.90 2.10 0.00	27.79 2.23 0.00	22.22 1.76 0.00	21.36 1.68 0.00	17.59 1.37 0.00	16.30 1.24 -0.29
MODEL_CITY_ENERGY 24167	8.12 -0.30 -1.28	9.28 -0.37 -1.04	13.87 -0.63 -0.01	11.78 -0.38 -0.39	15.72 -0.61 0.00	15.32 -0.64 -0.04	16.42 -0.54 0.00	17.66 -1.11 0.00	14.77 -0.85 0.00	15.78 -0.89 0.00	14.95 -0.91 0.00	14.87 -0.79 0.00	14.42 -0.79 0.00	15.11 -0.95 0.00	14.00 -0.99 0.00	20.01 -1.54 0.00	23.93 -1.94 0.00	21.50 -1.95 0.00	21.89 -1.91 0.00	23.54 -2.02 0.00	19.04 -1.42 0.00	18.44 -1.25 0.00	15.15 -1.07 0.00	13.66 -1.10 0.01
MODERN_LFGE_ 323580	8.12 -0.30 -1.28	9.28 -0.37 -1.04	13.87 -0.63 -0.01	11.78 -0.38 -0.39	15.72 -0.61 0.00	15.32 -0.64 -0.04	16.42 -0.54 0.00	17.66 -1.11 0.00	14.77 -0.85 0.00	15.78 -0.89 0.00	14.95 -0.91 0.00	14.87 -0.79 0.00	14.42 -0.79 0.00	15.11 -0.95 0.00	14.00 -0.99 0.00	20.01 -1.54 0.00	23.93 -1.94 0.00	21.50 -1.95 0.00	21.89 -1.91 0.00	23.54 -2.02 0.00	19.04 -1.42 0.00	18.44 -1.25 0.00	15.15 -1.07 0.00	13.66 -1.10 0.01
MOHAWK_PAPER___DRP 24187	18.95 0.29 -11.53	18.31 0.34 -9.36	15.11 0.55 -0.06	15.77 0.46 -3.54	16.95 0.62 0.00	16.87 0.58 -0.37	17.48 0.52 0.00	19.39 0.62 0.00	16.14 0.52 0.00	17.16 0.49 0.00	16.32 0.46 0.00	15.86 0.46 0.25	15.65 0.46 0.03	16.11 0.52 0.46	14.57 0.52 0.95	22.03 0.80 0.33	26.85 0.99 0.00	24.35 0.91 0.00	24.70 0.90 0.00	26.57 1.01 0.00	21.28 0.82 0.00	20.49 0.81 -0.01	16.86 0.65 0.00	15.73 0.59 -0.36
MOHICAN__35_KV_115KV_LD 80490	19.24 0.25 -11.86	18.50 0.27 -9.62	14.99 0.43 -0.06	15.78 0.38 -3.64	16.81 0.48 0.00	16.81 0.51 -0.38	17.46 0.50 0.00	19.34 0.57 0.00	16.05 0.43 0.00	17.00 0.33 0.00	16.16 0.30 0.00	15.67 0.28 0.26	15.49 0.30 0.03	15.98 0.40 0.48	14.41 0.39 0.98	21.98 0.76 0.34	26.75 0.88 0.00	24.29 0.85 0.00	24.70 0.90 0.00	26.64 1.08 0.00	21.33 0.87 0.00	20.51 0.82 -0.01	16.87 0.65 0.00	15.71 0.57 -0.38
MONGAUP___HYD 23641	14.94 0.33 -7.48	15.06 0.38 -6.07	15.11 0.57 -0.04	14.54 0.47 -2.30	16.96 0.64 0.00	16.81 0.66 -0.24	17.67 0.72 0.00	19.60 0.83 0.00	16.33 0.71 0.00	17.39 0.71 0.00	16.52 0.66 0.00	18.50 0.66 -2.18	16.14 0.68 -0.24	20.77 0.74 -3.98	23.49 0.72 -7.78	25.43 1.01 -2.86	27.22 1.36 0.00	24.75 1.30 0.00	25.18 1.38 0.00	27.16 1.60 0.00	21.76 1.30 0.00	20.83 1.14 0.00	17.12 0.90 0.00	15.82 0.80 -0.25
MONTAUK___DIESEL 23721	16.74 0.88 -8.72	16.72 1.03 -7.08	16.15 1.61 -0.05	15.76 1.32 -2.68	18.11 1.79 0.00	18.03 1.83 -0.28	18.96 2.01 0.00	21.12 2.35 0.00	17.53 1.91 0.00	19.40 2.21 -0.53	26.34 2.28 -8.19	26.97 2.27 -9.04	27.34 2.20 -9.93	37.75 2.35 -19.35	28.40 2.18 -11.23	28.89 3.11 -4.23	29.95 3.79 -0.30	29.42 3.63 -2.34	27.34 3.54 0.00	29.24 3.68 0.00	23.49 3.03 0.00	22.73 3.04 0.00	18.62 2.40 0.00	17.08 2.02 -0.29
MOONROAD_115KV_HARTFLD_TB1-2 355988	8.82 0.26 -1.43	10.09 0.32 -1.16	15.10 0.59 -0.01	12.86 0.65 -0.44	17.14 0.82 0.00	16.72 0.75 -0.05	18.15 1.19 0.00	19.77 1.01 0.00	16.45 0.84 0.00	17.58 0.91 0.00	16.68 0.82 0.00	16.51 0.86 0.00	15.76 0.55 0.00	16.50 0.44 0.00	15.29 0.30 0.00	21.85 0.29 0.00	26.14 0.28 0.00	23.50 0.05 0.00	23.89 0.09 0.00	25.64 0.08 0.00	20.62 0.16 0.00	19.94 0.26 0.00	16.38 0.16 0.00	14.78 -0.01 -0.02
MORTIMER_115KV_TB3 55949	8.10 -0.11 -1.08	9.34 -0.15 -0.88	14.23 -0.27 -0.01	11.97 -0.13 -0.33	16.08 -0.25 0.00	15.70 -0.26 -0.03	16.85 -0.11 0.00	18.38 -0.40 0.00	15.33 -0.29 0.00	16.38 -0.29 0.00	15.54 -0.32 0.00	15.41 -0.25 0.00	14.96 -0.25 0.00	15.74 -0.32 0.00	14.63 -0.35 0.00	20.98 -0.58 0.00	25.17 -0.70 0.00	22.72 -0.73 0.00	23.13 -0.67 0.00	24.86 -0.70 0.00	20.01 -0.46 0.00	19.31 -0.37 0.00	15.84 -0.38 0.00	14.29 -0.44 0.03
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	16.40 0.55 -8.72	16.33 0.64 -7.08	15.54 1.00 -0.05	15.26 0.82 -2.68	17.41 1.08 0.00	17.32 1.12 -0.28	18.17 1.22 0.00	20.21 1.45 0.00	16.93 1.31 0.00	18.13 1.46 0.00	17.31 1.45 0.00	19.94 1.48 -2.80	17.01 1.49 -0.31	22.77 1.60 -5.11	26.48 1.50 -9.98	27.26 2.04 -3.67	28.37 2.50 0.00	25.71 2.26 0.00	26.01 2.21 0.00	27.91 2.35 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.67 1.45 0.00	16.38 1.31 -0.29
MUNSVILLE_WIND_PWR 323609	9.95 0.46 -2.36	11.03 0.51 -1.92	15.29 0.78 -0.01	13.23 0.74 -0.72	17.37 1.04 0.00	17.06 1.06 -0.07	18.31 1.35 0.00	20.12 1.34 0.00	16.56 0.94 0.00	17.55 0.88 0.00	16.56 0.71 0.00	16.37 0.72 0.00	15.82 0.61 0.00	16.77 0.71 0.00	15.63 0.63 0.00	22.47 0.92 0.00	27.17 1.30 0.00	24.46 1.01 0.00	25.28 1.48 0.00	27.44 1.89 0.00	22.12 1.66 0.00	21.24 1.56 0.00	17.32 1.10 0.00	15.80 0.92 -0.11
N SALMON___HYD 24042	-2.61 -0.31 9.43	-8.88 -0.47 17.02	15.56 -0.77 -1.83	16.57 -0.64 -5.44	15.69 -0.63 0.00	15.33 -0.60 0.00	16.38 -0.57 0.00	18.36 -0.42 0.00	15.13 -0.49 0.00	16.16 -0.52 0.00	15.36 -0.50 0.00	15.14 -0.51 0.00	14.67 -0.54 0.00	15.39 -0.67 0.00	14.33 -0.66 0.00	20.69 -0.87 0.00	24.93 -0.93 0.00	22.70 -0.75 0.00	23.12 -0.68 0.00	25.02 -0.54 0.00	19.94 -0.52 0.00	19.02 -0.66 0.00	15.62 -0.60 0.00	14.15 -0.62 0.00
N.AKRON__115KV_KNAPP 355671	8.26 -0.11 -1.24	9.48 -0.13 -1.01	14.25 -0.26 -0.01	12.08 -0.06 -0.38	16.14 -0.19 0.00	15.66 -0.30 -0.04	16.85 -0.10 0.00	18.19 -0.58 0.00	15.19 -0.43 0.00	16.22 -0.45 0.00	15.37 -0.49 0.00	15.24 -0.42 0.00	14.79 -0.42 0.00	15.47 -0.59 0.00	14.35 -0.64 0.00	20.53 -1.03 0.00	24.59 -1.27 0.00	22.16 -1.28 0.00	22.59 -1.21 0.00	24.31 -1.25 0.00	19.65 -0.82 0.00	19.01 -0.67 0.00	15.60 -0.62 0.00	14.07 -0.69 0.01
N.BELMOR_69_KV_BK1 55787	16.49 0.64 -8.72	16.43 0.74 -7.08	15.68 1.14 -0.05	15.36 0.92 -2.68	17.55 1.23 0.00	17.48 1.28 -0.28	18.32 1.36 0.00	20.38 1.61 0.00	17.02 1.40 0.00	18.80 1.60 -0.53	25.74 1.69 -8.19	26.40 1.71 -9.04	26.84 1.70 -9.93	37.22 1.81 -19.35	27.90 1.68 -11.23	28.03 2.24 -4.23	28.84 2.68 -0.30	28.33 2.54 -2.34	26.20 2.40 0.00	28.02 2.46 0.00	22.45 1.99 0.00	21.69 2.01 0.00	17.85 1.64 0.00	16.50 1.44 -0.29
N.E._GEN_SANDY PD 24062	17.74 0.36 -10.26	17.34 0.42 -8.32	15.23 0.68 -0.05	15.47 0.57 -3.14	17.08 0.76 0.00	17.14 0.75 -0.47	17.65 0.71 0.01	19.62 0.85 0.00	16.67 0.75 -0.30	17.41 0.74 0.00	16.41 0.69 0.14	17.60 0.68 -1.26	16.04 0.69 -0.14	19.12 0.76 -2.30	20.98 0.71 -5.27	24.26 1.06 -1.65	27.06 1.24 0.06	24.75 1.12 -0.19	24.90 1.10 0.00	26.77 1.21 0.00	20.92 0.97 0.51	20.66 0.97 0.00	17.02 0.80 0.00	15.85 0.75 -0.33

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	15.64 0.51 -8.00	15.69 0.58 -6.49	15.45 0.91 -0.04	14.98 0.76 -2.46	17.35 1.02 0.00	17.21 1.03 -0.25	18.08 1.12 0.00	20.09 1.32 0.00	16.78 1.16 0.00	17.95 1.28 0.00	17.15 1.29 0.00	19.41 1.32 -2.43	16.80 1.31 -0.27	21.94 1.44 -4.45	25.04 1.37 -8.68	26.54 1.79 -3.19	28.08 2.21 0.00	25.46 2.01 0.00	25.76 1.96 0.00	27.63 2.07 0.00	22.10 1.64 0.00	21.26 1.58 0.00	17.52 1.30 0.00	16.22 1.18 -0.27
N. QUEENS_27_KV_LOAD 356247	16.42 0.57 -8.72	16.35 0.67 -7.08	15.55 1.01 -0.05	15.27 0.83 -2.68	17.38 1.06 0.00	17.36 1.16 -0.28	18.26 1.30 0.00	20.30 1.52 0.00	17.00 1.38 0.00	18.23 1.56 0.00	17.41 1.55 0.00	20.01 1.55 -2.80	17.08 1.56 -0.31	22.84 1.67 -5.11	26.55 1.57 -9.98	27.33 2.11 -3.67	28.48 2.61 0.00	25.82 2.37 0.00	26.07 2.27 0.00	28.03 2.47 0.00	22.41 1.95 0.00	21.55 1.86 0.00	17.77 1.55 0.00	16.46 1.40 -0.29
N. TROY___115KV_TB1 355778	18.99 0.28 -11.58	18.33 0.33 -9.40	15.10 0.54 -0.06	15.78 0.46 -3.55	16.94 0.61 0.00	16.87 0.58 -0.37	17.47 0.51 0.00	19.37 0.60 0.00	16.13 0.51 0.00	17.11 0.44 0.00	16.26 0.40 0.00	15.86 0.39 0.19	15.59 0.40 0.02	16.17 0.46 0.35	14.72 0.46 0.73	22.06 0.75 0.25	26.73 0.87 0.00	24.22 0.78 0.00	24.57 0.77 0.00	26.45 0.89 0.00	21.18 0.72 0.00	20.43 0.75 -0.01	16.82 0.61 0.00	15.69 0.55 -0.37
NARROWS_GT1_1 24228	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
NARROWS_GT1_2 24229	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
NARROWS_GT1_3 24230	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
NARROWS_GT1_4 24231	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
NARROWS_GT1_5 24232	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
NARROWS_GT1_6 24233	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
NARROWS_GT1_7 24234	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
NARROWS_GT1_8 24235	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
NARROWS_GT2_1 24236	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
NARROWS_GT2_2 24237	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
NARROWS_GT2_3 24238	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
NARROWS_GT2_4 24239	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29

NARROWS_GT2_5 24240	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
NARROWS_GT2_6 24241	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
NARROWS_GT2_7 24242	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
NARROWS_GT2_8 24243	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	17.90 0.26 -10.51	17.44 0.29 -8.53	15.07 0.52 -0.05	15.41 0.42 -3.23	16.92 0.60 0.00	16.83 0.57 -0.33	17.47 0.52 0.00	19.36 0.59 0.00	16.05 0.43 0.00	16.99 0.32 0.00	16.09 0.23 0.00	16.24 0.21 -0.37	15.45 0.20 -0.04	17.00 0.27 -0.68	16.65 0.35 -1.30	22.58 0.53 -0.49	26.44 0.58 0.00	24.05 0.61 0.00	24.47 0.67 0.00	26.43 0.87 0.00	21.19 0.73 0.00	20.39 0.71 0.00	16.77 0.55 0.00	15.62 0.52 -0.34
NCHELSEA_115KV_TR2 355582	16.27 0.55 -8.58	16.22 0.65 -6.97	15.55 1.01 -0.04	15.23 0.83 -2.63	17.44 1.12 0.00	17.35 1.15 -0.27	18.21 1.26 0.00	20.23 1.47 0.00	16.91 1.29 0.00	18.07 1.40 0.00	17.23 1.37 0.00	19.70 1.40 -2.65	16.90 1.40 -0.30	22.43 1.53 -4.84	25.89 1.45 -9.45	27.01 1.97 -3.47	28.29 2.42 0.00	25.67 2.22 0.00	25.99 2.20 0.00	27.90 2.34 0.00	22.32 1.86 0.00	21.45 1.77 0.00	17.64 1.43 0.00	16.34 1.28 -0.29
NEG CAPITAL___MECHNVIL 23645	19.22 0.33 -11.76	18.53 0.38 -9.55	15.18 0.62 -0.06	15.90 0.53 -3.61	17.02 0.69 0.00	16.99 0.69 -0.37	17.64 0.69 0.00	19.55 0.78 0.00	16.26 0.64 0.00	17.27 0.60 0.00	16.41 0.55 0.00	15.97 0.55 0.23	15.73 0.55 0.03	16.27 0.64 0.43	14.73 0.62 0.88	22.26 1.01 0.31	27.09 1.22 0.00	24.56 1.11 0.00	24.94 1.14 0.00	26.84 1.28 0.00	21.50 1.04 0.00	20.70 1.02 -0.01	17.01 0.80 0.00	15.86 0.72 -0.37
NEG CENTRAL_HIGH_ACRES 23767	7.98 -0.21 -1.06	9.20 -0.27 -0.86	14.03 -0.47 0.00	11.78 -0.31 -0.32	15.87 -0.46 0.00	15.48 -0.48 -0.03	16.62 -0.33 0.00	18.18 -0.59 0.00	15.16 -0.46 0.00	16.21 -0.46 0.00	15.36 -0.50 0.00	15.23 -0.42 0.00	14.80 -0.42 0.00	15.59 -0.47 0.00	14.50 -0.49 0.00	20.81 -0.75 0.00	24.95 -0.92 0.00	22.54 -0.90 0.00	22.97 -0.83 0.00	24.68 -0.88 0.00	19.85 -0.61 0.00	19.12 -0.56 0.00	15.67 -0.54 0.00	14.15 -0.59 0.03
NEG CENTRAL___DRP 24199	8.27 -0.01 -1.15	9.54 0.00 -0.93	14.47 -0.04 -0.01	12.14 0.03 -0.35	16.33 0.01 0.00	15.97 0.01 -0.04	17.15 0.20 0.00	18.84 0.07 0.00	15.67 0.06 0.00	16.72 0.05 0.00	15.88 0.03 0.00	15.70 0.05 0.00	15.38 0.17 0.00	16.10 0.04 0.00	15.02 0.00 -0.02	21.50 -0.06 0.00	25.85 -0.02 0.00	23.37 -0.08 0.00	23.84 0.05 0.00	25.64 0.08 0.00	20.58 0.13 0.00	19.81 0.13 0.00	16.23 0.02 0.00	15.11 -0.02 -0.35
NEG CENTRAL___INDECK 23768	8.67 0.09 -1.44	9.89 0.11 -1.17	14.70 0.19 -0.01	12.48 0.27 -0.44	16.60 0.28 0.00	16.26 0.29 -0.05	17.54 0.58 0.00	19.07 0.30 0.00	15.76 0.14 0.00	16.82 0.15 0.00	15.92 0.06 0.00	15.79 0.13 0.00	15.33 0.12 0.00	16.16 0.10 0.00	14.99 0.00 0.00	21.43 -0.13 0.00	25.75 -0.12 0.00	23.23 -0.21 0.00	23.85 0.05 0.00	25.77 0.21 0.00	20.88 0.42 0.00	20.19 0.51 0.00	16.50 0.29 0.00	14.97 0.12 -0.07
NEG CENTRAL___SENECA 23627	8.39 0.01 -1.24	9.66 0.04 -1.01	14.53 0.02 -0.01	12.25 0.10 -0.38	16.43 0.10 0.00	16.02 0.06 -0.04	17.25 0.30 0.00	18.94 0.16 0.00	15.76 0.14 0.00	16.80 0.13 0.00	15.95 0.09 0.00	15.78 0.12 0.00	15.38 0.17 0.00	16.19 0.14 0.00	15.11 0.07 -0.04	21.57 0.01 0.00	25.94 0.07 0.00	23.44 0.00 0.00	23.93 0.13 0.00	25.75 0.19 0.00	20.68 0.21 0.00	19.93 0.25 0.00	16.30 0.08 0.00	15.36 0.03 -0.56
NEG CENTRAL___STATE_STREET 24147	8.34 0.08 -1.13	9.60 0.07 -0.92	14.61 0.11 -0.01	12.20 0.09 -0.34	16.45 0.12 0.00	16.18 0.22 -0.04	17.35 0.39 0.00	19.01 0.24 0.00	15.84 0.22 0.00	16.96 0.29 0.00	16.07 0.21 0.00	15.87 0.21 0.00	15.44 0.23 0.00	16.23 0.18 0.00	15.15 0.15 -0.01	21.81 0.26 0.00	26.16 0.29 0.00	23.67 0.22 0.00	24.21 0.41 0.00	26.00 0.44 0.00	20.87 0.41 0.00	20.01 0.33 0.00	16.43 0.21 0.00	15.09 0.19 -0.13
NEG MILLWOOD___DRP 24198	16.43 0.56 -8.73	16.35 0.66 -7.09	15.58 1.03 -0.05	15.29 0.84 -2.68	17.46 1.13 0.00	17.38 1.17 -0.28	18.23 1.28 0.00	20.28 1.51 0.00	16.95 1.33 0.00	18.12 1.45 0.00	17.27 1.42 0.00	19.86 1.45 -2.76	16.98 1.46 -0.31	22.68 1.58 -5.04	26.33 1.50 -9.84	27.23 2.06 -3.62	28.38 2.51 0.00	25.74 2.30 0.00	26.08 2.28 0.00	27.99 2.43 0.00	22.39 1.93 0.00	21.51 1.82 0.00	17.69 1.47 0.00	16.38 1.32 -0.29
NEG NORTH_FLCN_SEA 23793	-3.16 -0.25 10.05	-9.98 -0.44 18.15	10.89 -0.76 2.85	-12.75 -0.69 23.83	15.71 -0.61 0.00	15.42 -0.51 0.00	16.54 -0.41 0.00	18.64 -0.13 0.00	15.34 -0.28 0.00	16.30 -0.37 0.00	15.51 -0.35 0.00	15.31 -0.34 0.00	14.85 -0.36 0.00	15.54 -0.52 0.00	14.35 -0.65 0.00	20.72 -0.84 0.00	25.01 -0.86 0.00	22.82 -0.63 0.00	23.26 -0.54 0.00	25.25 -0.31 0.00	20.11 -0.36 0.00	19.14 -0.54 0.00	15.70 -0.52 0.00	14.17 -0.60 0.00
NEG NORTH_KES_CHATEGAY 23792	-3.10 -0.34 9.90	-9.77 -0.51 17.87	10.65 -0.85 3.00	-13.60 -0.71 24.65	15.64 -0.68 0.00	15.28 -0.64 0.00	16.33 -0.62 0.00	18.33 -0.44 0.00	15.10 -0.52 0.00	16.10 -0.57 0.00	15.31 -0.55 0.00	15.11 -0.54 0.00	14.64 -0.57 0.00	15.33 -0.73 0.00	14.26 -0.73 0.00	20.59 -0.97 0.00	24.85 -1.02 0.00	22.62 -0.83 0.00	23.05 -0.75 0.00	24.99 -0.57 0.00	19.91 -0.55 0.00	18.97 -0.70 0.00	15.58 -0.63 0.00	14.09 -0.68 0.00

NEG NORTH___ALICE_FALLS 23915	-3.14 -0.25 10.02	-9.94 -0.45 18.10	10.86 -0.76 2.88	-12.87 -0.68 23.96	15.73 -0.59 0.00	15.41 -0.51 0.00	16.54 -0.41 0.00	18.62 -0.15 0.00	15.33 -0.29 0.00	16.29 -0.38 0.00	15.49 -0.37 0.00	15.28 -0.38 0.00	14.82 -0.40 0.00	15.51 -0.54 0.00	14.34 -0.65 0.00	20.72 -0.84 0.00	25.03 -0.83 0.00	22.84 -0.61 0.00	23.29 -0.51 0.00	25.28 -0.28 0.00	20.14 -0.32 0.00	19.18 -0.50 0.00	15.72 -0.50 0.00	14.19 -0.58 0.00
NEG NORTH___LWR_SARANAC 23913	-3.14 -0.25 10.02	-9.94 -0.45 18.10	10.86 -0.76 2.88	-12.87 -0.68 23.96	15.73 -0.59 0.00	15.41 -0.51 0.00	16.54 -0.41 0.00	18.62 -0.15 0.00	15.33 -0.29 0.00	16.29 -0.38 0.00	15.49 -0.37 0.00	15.28 -0.38 0.00	14.82 -0.40 0.00	15.51 -0.54 0.00	14.34 -0.65 0.00	20.72 -0.84 0.00	25.03 -0.83 0.00	22.84 -0.61 0.00	23.29 -0.51 0.00	25.28 -0.28 0.00	20.14 -0.32 0.00	19.18 -0.50 0.00	15.72 -0.50 0.00	14.19 -0.58 0.00
NEG NORTH___PLATTSBURG 23628	-3.14 -0.25 10.02	-9.93 -0.44 18.10	10.87 -0.75 2.88	-12.86 -0.66 23.96	15.73 -0.59 0.00	15.41 -0.51 0.00	16.54 -0.41 0.00	18.62 -0.15 0.00	15.33 -0.29 0.00	16.29 -0.38 0.00	15.49 -0.36 0.00	15.27 -0.38 0.00	14.82 -0.40 0.00	15.51 -0.54 0.00	14.34 -0.65 0.00	20.72 -0.84 0.00	25.03 -0.83 0.00	22.84 -0.61 0.00	23.29 -0.51 0.00	25.28 -0.28 0.00	20.14 -0.32 0.00	19.18 -0.50 0.00	15.72 -0.50 0.00	14.19 -0.59 0.00
NEG WEST_LEA_LOCKPORT 23791	8.19 -0.21 -1.27	9.38 -0.25 -1.03	14.05 -0.45 -0.01	11.94 -0.21 -0.39	15.91 -0.41 0.00	15.44 -0.52 -0.04	16.62 -0.34 0.00	17.90 -0.87 0.00	14.97 -0.65 0.00	16.00 -0.67 0.00	15.16 -0.70 0.00	15.05 -0.61 0.00	14.60 -0.61 0.00	15.27 -0.78 0.00	14.17 -0.82 0.00	20.27 -1.29 0.00	24.26 -1.61 0.00	21.80 -1.65 0.00	22.19 -1.61 0.00	23.87 -1.69 0.00	19.30 -1.16 0.00	18.69 -0.99 0.00	15.35 -0.87 0.00	13.85 -0.92 0.01
NEG WEST___LANCASTR 23811	8.60 -0.03 -1.49	9.81 -0.01 -1.21	14.52 0.01 -0.01	12.34 0.12 -0.46	16.44 0.11 0.00	15.97 0.00 -0.05	17.20 0.25 0.00	18.69 -0.08 0.00	15.62 0.00 0.00	16.73 0.05 0.00	15.84 -0.02 0.00	15.71 0.06 0.00	15.25 0.03 0.00	16.02 -0.03 0.00	14.86 -0.13 0.00	21.23 -0.32 0.00	25.43 -0.44 0.00	22.81 -0.63 0.00	23.21 -0.58 0.00	24.97 -0.59 0.00	20.12 -0.33 0.00	19.49 -0.19 0.00	15.99 -0.22 0.00	14.48 -0.30 0.00
NEG_PENN_ALLEGHNY 23528	9.76 0.10 -2.53	10.81 0.15 -2.06	14.71 0.20 -0.01	12.75 0.21 -0.78	16.57 0.24 0.00	16.23 0.22 -0.08	17.34 0.39 0.00	19.13 0.36 0.00	15.92 0.30 0.00	17.01 0.34 0.00	16.14 0.28 0.00	15.97 0.32 0.00	15.52 0.31 0.00	16.44 0.39 0.00	15.31 0.32 0.00	21.91 0.36 0.00	26.33 0.46 0.00	23.78 0.34 0.00	24.19 0.39 0.00	25.99 0.43 0.00	20.82 0.36 0.00	20.08 0.40 0.00	16.47 0.25 0.00	15.11 0.24 -0.11
NEG___GEN_MONROE 24207	8.14 -0.08 -1.09	9.41 -0.08 -0.88	14.33 -0.17 -0.01	12.06 -0.04 -0.33	16.22 -0.11 0.00	15.82 -0.13 -0.03	16.97 0.01 0.00	18.44 -0.33 0.00	15.37 -0.25 0.00	16.43 -0.24 0.00	15.60 -0.26 0.00	15.43 -0.23 0.00	14.97 -0.24 0.00	15.74 -0.31 0.00	14.64 -0.35 0.00	20.97 -0.58 0.00	25.19 -0.68 0.00	22.74 -0.70 0.00	23.20 -0.60 0.00	24.94 -0.62 0.00	20.09 -0.37 0.00	19.41 -0.27 0.00	15.91 -0.30 0.00	14.36 -0.38 0.03
NEPA___ENERGY 23901	8.87 -0.02 -1.75	10.06 0.02 -1.42	14.52 0.01 -0.01	12.41 0.11 -0.54	16.37 0.05 0.00	15.95 -0.03 -0.06	17.17 0.22 0.00	18.74 -0.03 0.00	15.62 0.00 0.00	16.72 0.05 0.00	15.85 -0.01 0.00	15.69 0.04 0.00	15.21 0.01 0.00	16.08 0.03 0.00	14.92 -0.08 0.00	21.25 -0.30 0.00	25.50 -0.37 0.00	22.87 -0.58 0.00	23.27 -0.52 0.00	25.00 -0.56 0.00	20.09 -0.37 0.00	19.50 -0.18 0.00	15.98 -0.23 0.00	14.63 -0.19 -0.06
NEVERSINK___HYD 23608	14.72 0.59 -6.99	15.05 0.77 -5.67	15.78 1.24 -0.04	14.96 1.05 -2.14	17.84 1.51 0.00	17.46 1.31 -0.22	18.37 1.42 0.00	20.35 1.58 0.00	17.04 1.43 0.00	18.22 1.55 0.00	17.38 1.52 0.00	18.81 1.56 -1.60	16.93 1.54 -0.18	20.45 1.46 -2.93	21.59 0.88 -5.71	24.78 1.12 -2.10	27.32 1.46 0.00	24.78 1.34 0.00	25.22 1.42 0.00	27.19 1.63 0.00	22.17 1.71 0.00	21.34 1.66 0.00	17.55 1.33 0.00	16.14 1.14 -0.23
NEWKRMKL_115KV_TB1 55635	18.74 0.15 -11.45	18.09 0.18 -9.30	14.86 0.30 -0.06	15.54 0.26 -3.51	16.67 0.35 0.00	16.58 0.29 -0.36	17.18 0.22 0.00	19.05 0.28 0.00	15.88 0.26 0.00	16.89 0.22 0.00	16.08 0.22 0.00	15.60 0.23 0.28	15.42 0.24 0.03	15.82 0.27 0.51	14.25 0.30 1.04	21.63 0.44 0.37	26.37 0.50 0.00	23.90 0.46 0.00	24.23 0.43 0.00	26.08 0.52 0.00	20.87 0.41 0.00	20.09 0.41 -0.01	16.56 0.35 0.00	15.48 0.35 -0.36
NEWTON___FALLS_HYD 23847	1.62 -0.43 5.09	-1.40 -0.55 9.45	13.94 -0.88 -0.33	9.93 -0.60 1.24	15.68 -0.65 0.00	15.30 -0.64 -0.01	16.17 -0.78 0.00	17.96 -0.81 0.00	14.92 -0.70 0.00	15.93 -0.74 0.00	15.15 -0.71 0.00	14.93 -0.73 0.00	14.41 -0.80 0.00	15.13 -0.93 0.00	14.16 -0.83 0.00	20.31 -1.25 0.00	24.54 -1.33 0.00	22.38 -1.07 0.00	22.87 -0.93 0.00	24.66 -0.90 0.00	19.61 -0.85 0.00	18.60 -1.08 0.00	15.34 -0.88 0.00	14.19 -0.59 -0.01
NGRID_A1_DSASP 323792	8.09 -0.34 -1.30	9.26 -0.40 -1.05	13.82 -0.69 -0.01	11.74 -0.42 -0.40	15.64 -0.68 0.00	15.19 -0.77 -0.04	16.36 -0.59 0.00	17.60 -1.18 0.00	14.64 -0.98 0.00	15.65 -1.03 0.00	14.82 -1.04 0.00	14.75 -0.91 0.00	14.30 -0.91 0.00	14.98 -1.07 0.00	13.89 -1.10 0.00	19.85 -1.70 0.00	23.73 -2.13 0.00	21.30 -2.15 0.00	21.67 -2.13 0.00	23.30 -2.26 0.00	18.85 -1.61 0.00	18.25 -1.43 0.00	15.00 -1.21 0.00	13.53 -1.24 0.00
NGRID_A2_DSASP 323793	8.09 -0.34 -1.30	9.26 -0.40 -1.05	13.82 -0.69 -0.01	11.74 -0.42 -0.40	15.64 -0.68 0.00	15.19 -0.77 -0.04	16.36 -0.59 0.00	17.60 -1.18 0.00	14.64 -0.98 0.00	15.65 -1.03 0.00	14.82 -1.04 0.00	14.75 -0.91 0.00	14.30 -0.91 0.00	14.98 -1.07 0.00	13.89 -1.10 0.00	19.85 -1.70 0.00	23.73 -2.13 0.00	21.30 -2.15 0.00	21.67 -2.13 0.00	23.30 -2.26 0.00	18.85 -1.61 0.00	18.25 -1.43 0.00	15.00 -1.21 0.00	13.53 -1.24 0.00
NGRID_A4_DSASP 323807	8.09 -0.34 -1.30	9.26 -0.40 -1.05	13.82 -0.69 -0.01	11.76 -0.40 -0.40	15.64 -0.68 0.00	15.19 -0.77 -0.04	16.36 -0.59 0.00	17.59 -1.18 0.00	14.64 -0.98 0.00	15.65 -1.02 0.00	14.83 -1.03 0.00	14.72 -0.93 0.00	14.29 -0.92 0.00	14.94 -1.11 0.00	13.87 -1.12 0.00	19.84 -1.72 0.00	23.73 -2.14 0.00	21.30 -2.15 0.00	21.67 -2.13 0.00	23.31 -2.25 0.00	18.85 -1.61 0.00	18.25 -1.43 0.00	15.01 -1.21 0.00	13.55 -1.22 0.00
NIAGARA_115E_LBMP 323715	8.08 -0.35 -1.30	9.23 -0.43 -1.05	13.77 -0.74 -0.01	11.70 -0.46 -0.40	15.58 -0.75 0.00	15.12 -0.84 -0.04	16.31 -0.64 0.00	17.54 -1.23 0.00	14.67 -0.95 0.00	15.67 -1.00 0.00	14.85 -1.01 0.00	14.77 -0.89 0.00	14.33 -0.88 0.00	15.00 -1.05 0.00	13.91 -1.09 0.00	19.88 -1.68 0.00	23.76 -2.10 0.00	21.34 -2.11 0.00	21.72 -2.08 0.00	23.36 -2.20 0.00	18.90 -1.56 0.00	18.30 -1.38 0.00	15.04 -1.18 0.00	13.57 -1.19 0.01

NIAGARA_115W_LBMP 323714	8.07 -0.35 -1.30	9.24 -0.42 -1.05	13.80 -0.71 -0.01	11.72 -0.44 -0.40	15.61 -0.71 0.00	15.16 -0.80 -0.04	16.33 -0.62 0.00	17.55 -1.22 0.00	14.60 -1.02 0.00	15.61 -1.07 0.00	14.79 -1.07 0.00	14.70 -0.95 0.00	14.27 -0.94 0.00	14.95 -1.11 0.00	13.85 -1.14 0.00	19.81 -1.75 0.00	23.67 -2.19 0.00	21.25 -2.20 0.00	21.61 -2.18 0.00	23.25 -2.32 0.00	18.80 -1.66 0.00	18.21 -1.47 0.00	14.97 -1.25 0.00	13.50 -1.27 0.00
NIAGARA_230_LBMP 323716	8.13 -0.28 -1.28	9.31 -0.34 -1.04	13.92 -0.59 -0.01	11.81 -0.35 -0.39	15.76 -0.57 0.00	15.29 -0.67 -0.04	16.47 -0.48 0.00	17.76 -1.01 0.00	14.83 -0.78 0.00	15.87 -0.80 0.00	15.03 -0.83 0.00	14.94 -0.71 0.00	14.50 -0.71 0.00	15.20 -0.86 0.00	14.08 -0.91 0.00	20.14 -1.42 0.00	24.08 -1.79 0.00	21.60 -1.85 0.00	21.98 -1.82 0.00	23.65 -1.91 0.00	19.10 -1.36 0.00	18.50 -1.18 0.00	15.21 -1.01 0.00	13.72 -1.05 0.00
NIAGARA__115KV_198_GIBSON 55903	8.07 -0.36 -1.30	9.24 -0.42 -1.05	13.79 -0.71 -0.01	11.74 -0.43 -0.40	15.61 -0.71 0.00	15.17 -0.80 -0.04	16.33 -0.62 0.00	17.55 -1.22 0.00	14.60 -1.02 0.00	15.61 -1.06 0.00	14.79 -1.06 0.00	14.69 -0.97 0.00	14.25 -0.96 0.00	14.91 -1.15 0.00	13.83 -1.15 0.00	19.79 -1.77 0.00	23.67 -2.19 0.00	21.24 -2.20 0.00	21.61 -2.18 0.00	23.25 -2.31 0.00	18.80 -1.66 0.00	18.21 -1.47 0.00	14.97 -1.25 0.00	13.52 -1.25 0.00
NIAGARA____ 23760	8.09 -0.34 -1.29	9.25 -0.40 -1.05	13.83 -0.67 -0.01	11.74 -0.42 -0.40	15.66 -0.67 0.00	15.20 -0.76 -0.04	16.38 -0.57 0.00	17.66 -1.11 0.00	14.74 -0.88 0.00	15.75 -0.92 0.00	14.93 -0.93 0.00	14.84 -0.81 0.00	14.39 -0.82 0.00	15.08 -0.97 0.00	13.98 -1.01 0.00	20.00 -1.56 0.00	23.91 -1.96 0.00	21.46 -1.98 0.00	21.84 -1.96 0.00	23.49 -2.07 0.00	18.98 -1.48 0.00	18.38 -1.30 0.00	15.11 -1.11 0.00	13.63 -1.14 0.00
NINE_MILE_1 23575	7.55 -0.25 -0.67	8.85 -0.30 -0.54	13.98 -0.52 0.00	11.58 -0.38 -0.20	15.78 -0.55 0.00	15.40 -0.54 -0.02	16.44 -0.51 0.00	18.13 -0.64 0.00	15.10 -0.52 0.00	16.12 -0.55 0.00	15.32 -0.53 0.00	15.14 -0.51 0.00	14.71 -0.50 0.00	15.53 -0.52 0.00	14.49 -0.50 0.00	20.80 -0.76 0.00	24.98 -0.89 0.00	22.61 -0.83 0.00	22.99 -0.81 0.00	24.71 -0.85 0.00	19.80 -0.66 0.00	19.05 -0.63 0.00	15.66 -0.56 0.00	14.27 -0.53 -0.02
NINE_MILE_2 23744	7.55 -0.25 -0.67	8.85 -0.30 -0.54	13.98 -0.52 0.00	11.59 -0.38 -0.20	15.78 -0.55 0.00	15.40 -0.54 -0.02	16.44 -0.51 0.00	18.13 -0.64 0.00	15.10 -0.52 0.00	16.12 -0.55 0.00	15.32 -0.53 0.00	15.15 -0.51 0.00	14.71 -0.50 0.00	15.53 -0.52 0.00	14.49 -0.50 0.00	20.80 -0.76 0.00	24.98 -0.88 0.00	22.61 -0.83 0.00	22.99 -0.81 0.00	24.71 -0.85 0.00	19.80 -0.66 0.00	19.05 -0.63 0.00	15.66 -0.56 0.00	14.27 -0.53 -0.02
NM_CAPITAL____DRP 24208	18.71 0.17 -11.40	18.07 0.21 -9.26	14.90 0.34 -0.06	15.56 0.29 -3.50	16.72 0.39 0.00	16.62 0.33 -0.36	17.21 0.25 0.00	19.09 0.32 0.00	15.91 0.29 0.00	16.92 0.25 0.00	16.10 0.24 0.00	15.64 0.24 0.25	15.44 0.25 0.03	15.88 0.29 0.47	14.35 0.31 0.96	21.69 0.47 0.33	26.40 0.53 0.00	23.92 0.47 0.00	24.25 0.45 0.00	26.09 0.54 0.00	20.89 0.43 0.00	20.12 0.44 -0.01	16.59 0.37 0.00	15.50 0.37 -0.36
NM_CENTRAL____DRP 24181	7.85 -0.09 -0.81	9.16 -0.10 -0.66	14.28 -0.22 0.00	11.89 -0.13 -0.25	16.12 -0.20 0.00	15.74 -0.20 -0.03	16.82 -0.13 0.00	18.55 -0.22 0.00	15.45 -0.17 0.00	16.49 -0.18 0.00	15.68 -0.18 0.00	15.50 -0.15 0.00	15.06 -0.15 0.00	15.92 -0.14 0.00	14.85 -0.15 0.00	21.30 -0.26 0.00	25.59 -0.27 0.00	23.16 -0.29 0.00	23.56 -0.24 0.00	25.32 -0.24 0.00	20.28 -0.18 0.00	19.51 -0.17 0.00	16.02 -0.20 0.00	14.60 -0.20 -0.03
NM_FRONTIER____DRP 24179	8.07 -0.36 -1.30	9.24 -0.42 -1.05	13.79 -0.71 -0.01	11.74 -0.43 -0.40	15.61 -0.71 0.00	15.17 -0.80 -0.04	16.33 -0.62 0.00	17.55 -1.22 0.00	14.60 -1.02 0.00	15.61 -1.06 0.00	14.79 -1.06 0.00	14.69 -0.97 0.00	14.25 -0.96 0.00	14.91 -1.15 0.00	13.83 -1.15 0.00	19.79 -1.77 0.00	23.67 -2.19 0.00	21.24 -2.20 0.00	21.61 -2.18 0.00	23.25 -2.31 0.00	18.80 -1.66 0.00	18.21 -1.47 0.00	14.97 -1.25 0.00	13.52 -1.25 0.00
NM_ST_REGIS____HYD 24053	-1.57 -0.38 8.32	-6.93 -0.50 15.03	14.43 -0.83 -0.76	10.58 -0.68 0.50	15.54 -0.79 0.00	15.17 -0.75 0.00	16.14 -0.81 0.00	17.99 -0.79 0.00	14.87 -0.75 0.00	15.89 -0.78 0.00	15.11 -0.75 0.00	14.87 -0.78 0.00	14.41 -0.80 0.00	15.15 -0.90 0.00	14.17 -0.82 0.00	20.43 -1.13 0.00	24.57 -1.30 0.00	22.36 -1.09 0.00	22.74 -1.05 0.00	24.51 -1.05 0.00	19.55 -0.91 0.00	18.67 -1.01 0.00	15.38 -0.84 0.00	14.02 -0.75 0.00
NORTHPORT____1 23551	16.47 0.62 -8.72	16.42 0.73 -7.08	15.64 1.10 -0.05	15.35 0.91 -2.68	17.50 1.18 0.00	17.44 1.24 -0.28	18.26 1.30 0.00	20.30 1.52 0.00	16.93 1.32 0.00	18.72 1.52 -0.53	25.69 1.64 -8.19	26.33 1.64 -9.04	26.73 1.59 -9.93	37.08 1.68 -19.35	27.72 1.50 -11.23	27.82 2.04 -4.23	28.53 2.36 -0.30	28.09 2.30 -2.34	25.91 2.12 0.00	27.70 2.14 0.00	22.24 1.78 0.00	21.51 1.82 0.00	17.70 1.49 0.00	16.38 1.32 -0.29
NORTHPORT____2 23552	16.47 0.62 -8.72	16.42 0.73 -7.08	15.64 1.10 -0.05	15.35 0.91 -2.68	17.50 1.18 0.00	17.44 1.24 -0.28	18.26 1.30 0.00	20.30 1.52 0.00	16.93 1.32 0.00	18.72 1.52 -0.53	25.69 1.64 -8.19	26.33 1.64 -9.04	26.73 1.59 -9.93	37.08 1.68 -19.35	27.72 1.50 -11.23	27.82 2.04 -4.23	28.53 2.36 -0.30	28.09 2.30 -2.34	25.91 2.12 0.00	27.70 2.14 0.00	22.24 1.78 0.00	21.51 1.82 0.00	17.70 1.49 0.00	16.38 1.32 -0.29
NORTHPORT____3 23553	16.44 0.59 -8.72	16.38 0.69 -7.08	15.59 1.04 -0.05	15.30 0.86 -2.68	17.44 1.12 0.00	17.37 1.17 -0.28	18.19 1.24 0.00	20.24 1.47 0.00	16.89 1.27 0.00	18.67 1.47 -0.53	25.63 1.58 -8.19	26.29 1.59 -9.04	26.71 1.57 -9.93	37.06 1.66 -19.35	27.74 1.52 -11.23	27.85 2.07 -4.23	28.60 2.44 -0.30	28.12 2.33 -2.34	25.96 2.17 0.00	27.76 2.20 0.00	22.25 1.80 0.00	21.50 1.81 0.00	17.69 1.47 0.00	16.36 1.30 -0.29
NORTHPORT____4 23650	16.44 0.59 -8.72	16.38 0.69 -7.08	15.59 1.04 -0.05	15.30 0.86 -2.68	17.44 1.12 0.00	17.37 1.17 -0.28	18.19 1.24 0.00	20.24 1.47 0.00	16.89 1.27 0.00	18.67 1.47 -0.53	25.63 1.58 -8.19	26.29 1.59 -9.04	26.71 1.57 -9.93	37.06 1.66 -19.35	27.74 1.52 -11.23	27.85 2.07 -4.23	28.60 2.44 -0.30	28.12 2.33 -2.34	25.96 2.17 0.00	27.76 2.20 0.00	22.25 1.80 0.00	21.50 1.81 0.00	17.69 1.47 0.00	16.36 1.30 -0.29
NORTHPORT____IC 23718	16.47 0.62 -8.72	16.42 0.73 -7.08	15.64 1.10 -0.05	15.35 0.91 -2.68	17.50 1.18 0.00	17.44 1.24 -0.28	18.26 1.30 0.00	20.30 1.52 0.00	16.93 1.32 0.00	18.72 1.52 -0.53	25.69 1.64 -8.19	26.33 1.64 -9.04	26.73 1.59 -9.93	37.08 1.68 -19.35	27.72 1.50 -11.23	27.82 2.04 -4.23	28.53 2.36 -0.30	28.09 2.30 -2.34	25.91 2.12 0.00	27.70 2.14 0.00	22.24 1.78 0.00	21.51 1.82 0.00	17.70 1.49 0.00	16.38 1.32 -0.29

NORTH__COUNTRY_ESR 323785	-3.12 -0.36 9.89	-9.79 -0.53 17.87	10.61 -0.89 3.00	-13.64 -0.73 24.67	15.60 -0.72 0.00	15.24 -0.69 0.00	16.28 -0.67 0.00	18.28 -0.49 0.00	15.06 -0.56 0.00	16.07 -0.61 0.00	15.28 -0.58 0.00	15.08 -0.58 0.00	14.61 -0.60 0.00	15.30 -0.75 0.00	14.23 -0.76 0.00	20.55 -1.01 0.00	24.79 -1.07 0.00	22.58 -0.87 0.00	23.00 -0.80 0.00	24.93 -0.63 0.00	19.86 -0.60 0.00	18.92 -0.75 0.00	15.53 -0.68 0.00	14.05 -0.72 0.00
NPX_GEN_1385_PROXY 323591	16.48 0.63 -8.72	16.43 0.74 -7.08	15.66 1.12 -0.05	15.37 0.93 -2.68	17.50 1.18 0.00	17.47 1.27 -0.28	18.29 1.34 0.00	20.67 1.56 -0.34	17.11 1.35 -0.14	19.56 1.62 -1.27	25.71 1.66 -8.19	26.17 1.47 -9.04	26.57 1.43 -9.93	36.91 1.51 -19.35	27.54 1.32 -11.23	27.56 1.78 -4.23	30.27 1.54 -2.86	27.69 1.90 -2.34	25.17 1.66 0.29	27.18 1.58 -0.03	21.91 1.45 0.00	21.24 1.55 0.00	17.50 1.28 0.00	16.08 1.01 -0.29
NPX_GEN_CSC 323557	16.47 0.62 -8.72	16.42 0.73 -7.08	15.63 1.08 -0.05	15.34 0.90 -2.68	17.52 1.20 0.00	17.40 1.20 -0.28	18.25 1.29 0.00	20.71 1.60 -0.34	17.06 1.29 -0.14	19.45 1.50 -1.27	25.68 1.63 -8.19	26.30 1.61 -9.04	26.71 1.57 -9.93	37.09 1.69 -19.35	27.77 1.55 -11.23	27.95 2.17 -4.23	31.34 2.61 -2.86	28.34 2.55 -2.34	25.92 2.41 0.29	28.05 2.46 -0.03	22.50 2.04 0.00	21.82 2.14 0.00	17.91 1.69 0.00	16.46 1.40 -0.29
NSINS_S_GLNS_FALLS 23858	19.24 0.24 -11.87	18.49 0.25 -9.63	14.97 0.40 -0.06	15.77 0.36 -3.64	16.78 0.46 0.00	16.78 0.48 -0.38	17.44 0.48 0.00	19.32 0.55 0.00	16.03 0.41 0.00	16.98 0.31 0.00	16.14 0.28 0.00	15.65 0.26 0.27	15.47 0.29 0.03	15.95 0.39 0.49	14.38 0.38 0.99	21.95 0.74 0.35	26.72 0.85 0.00	24.27 0.82 0.00	24.68 0.88 0.00	26.61 1.05 0.00	21.30 0.84 0.00	20.48 0.80 -0.01	16.84 0.63 0.00	15.69 0.54 -0.38
NUCOR_STEEL__DRP 24197	8.26 0.04 -1.09	9.53 0.04 -0.89	14.54 0.04 -0.01	12.14 0.04 -0.33	16.42 0.09 0.00	16.06 0.10 -0.03	17.20 0.24 0.00	18.84 0.07 0.00	15.72 0.10 0.00	16.85 0.17 0.00	15.97 0.11 0.00	15.76 0.10 0.00	15.31 0.10 0.00	16.12 0.06 0.00	15.03 0.04 0.00	21.66 0.10 0.00	25.97 0.10 0.00	23.48 0.04 0.00	24.03 0.23 0.00	25.80 0.24 0.00	20.72 0.26 0.00	19.84 0.16 0.00	16.31 0.09 0.00	14.94 0.09 -0.08
NUMBER_THREE_WT_PWR 323818	4.99 -0.38 1.76	4.60 -0.49 3.51	13.89 -0.76 -0.14	11.08 -0.37 0.32	16.10 -0.22 0.00	15.65 -0.28 -0.01	16.46 -0.50 0.00	18.27 -0.50 0.00	15.27 -0.34 0.00	16.33 -0.34 0.00	15.53 -0.33 0.00	15.31 -0.34 0.00	14.72 -0.49 0.00	15.43 -0.62 0.00	14.43 -0.57 0.00	20.60 -0.96 0.00	25.03 -0.83 0.00	22.84 -0.60 0.00	23.44 -0.35 0.00	25.29 -0.26 0.00	19.99 -0.47 0.00	18.81 -0.87 0.00	15.51 -0.70 0.00	14.56 -0.22 -0.01
NYISO_LBMP_REFERENCE 24008	7.13 0.00 0.00	8.61 0.00 0.00	14.50 0.00 0.00	11.77 0.00 0.00	16.32 0.00 0.00	15.92 0.00 0.00	16.95 0.00 0.00	18.77 0.00 0.00	15.62 0.00 0.00	16.67 0.00 0.00	15.86 0.00 0.00	15.65 0.00 0.00	15.21 0.00 0.00	16.06 0.00 0.00	14.99 0.00 0.00	21.56 0.00 0.00	25.87 0.00 0.00	23.45 0.00 0.00	23.80 0.00 0.00	25.56 0.00 0.00	20.46 0.00 0.00	19.68 0.00 0.00	16.22 0.00 0.00	14.77 0.00 0.00
NYPA_BRENTWD__GT 24164	16.55 0.70 -8.72	16.51 0.82 -7.08	15.79 1.25 -0.05	15.47 1.03 -2.68	17.66 1.34 0.00	17.61 1.41 -0.28	18.46 1.51 0.00	20.54 1.77 0.00	17.13 1.52 0.00	18.92 1.73 -0.53	25.89 1.84 -8.19	26.53 1.84 -9.04	26.93 1.79 -9.93	37.31 1.90 -19.35	27.89 1.68 -11.23	28.04 2.26 -4.23	28.83 2.67 -0.30	28.36 2.57 -2.34	26.20 2.40 0.00	28.01 2.45 0.00	22.50 2.04 0.00	21.81 2.13 0.00	17.98 1.76 0.00	16.60 1.54 -0.29
NYPA_GOWANUS__GT5 24156	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
NYPA_GOWANUS__GT6 24157	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.86 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.24 1.56 0.00	17.43 1.57 0.00	20.05 1.59 -2.80	17.14 1.61 -0.31	22.90 1.73 -5.11	26.62 1.64 -9.98	27.43 2.21 -3.67	28.59 2.72 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.43 -0.29
NYPA_HARLEM_RVR_GT1 24160	16.41 0.55 -8.72	16.34 0.65 -7.08	15.54 0.99 -0.05	15.26 0.82 -2.68	17.37 1.05 0.00	17.33 1.13 -0.28	18.22 1.26 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.18 1.51 0.00	17.36 1.50 0.00	19.95 1.50 -2.80	17.04 1.52 -0.31	22.77 1.60 -5.11	26.50 1.53 -9.98	27.27 2.05 -3.67	28.40 2.54 0.00	25.75 2.30 0.00	26.01 2.22 0.00	27.96 2.40 0.00	22.34 1.89 0.00	21.49 1.80 0.00	17.72 1.50 0.00	16.42 1.36 -0.29
NYPA_HARLEM_RVR_GT2 24161	16.41 0.55 -8.72	16.34 0.65 -7.08	15.54 0.99 -0.05	15.26 0.82 -2.68	17.37 1.05 0.00	17.33 1.13 -0.28	18.22 1.26 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.18 1.51 0.00	17.36 1.50 0.00	19.95 1.50 -2.80	17.04 1.52 -0.31	22.77 1.60 -5.11	26.50 1.53 -9.98	27.27 2.05 -3.67	28.40 2.54 0.00	25.75 2.30 0.00	26.01 2.22 0.00	27.96 2.40 0.00	22.34 1.89 0.00	21.49 1.80 0.00	17.72 1.50 0.00	16.42 1.36 -0.29
NYPA_KENT__GT 24152	16.43 0.57 -8.72	16.36 0.67 -7.08	15.58 1.03 -0.05	15.30 0.85 -2.68	17.44 1.12 0.00	17.36 1.16 -0.28	18.23 1.27 0.00	20.28 1.51 0.00	17.00 1.38 0.00	18.23 1.56 0.00	17.41 1.56 0.00	20.03 1.58 -2.80	17.12 1.59 -0.31	22.87 1.70 -5.11	26.59 1.61 -9.98	27.40 2.18 -3.67	28.55 2.69 0.00	25.89 2.44 0.00	26.16 2.36 0.00	28.08 2.52 0.00	22.45 1.98 0.00	21.57 1.88 0.00	17.77 1.55 0.00	16.46 1.40 -0.29
NYPA_POUCH1__GT 24155	16.41 0.55 -8.72	16.33 0.64 -7.08	15.53 0.99 -0.05	15.26 0.82 -2.68	17.41 1.08 0.00	17.31 1.11 -0.28	18.17 1.22 0.00	20.19 1.42 0.00	16.88 1.26 0.00	18.14 1.47 0.00	17.34 1.48 0.00	19.96 1.51 -2.80	17.04 1.51 -0.31	22.83 1.67 -5.11	26.55 1.57 -9.98	27.32 2.10 -3.67	28.50 2.63 0.00	25.89 2.44 0.00	26.12 2.33 0.00	28.04 2.48 0.00	22.45 1.98 0.00	21.58 1.89 -0.01	17.76 1.54 0.00	16.42 1.35 -0.29
NYPA_VERNON__GT2 24162	16.42 0.57 -8.72	16.35 0.67 -7.08	15.57 1.03 -0.05	15.29 0.85 -2.68	17.44 1.11 0.00	17.35 1.15 -0.28	18.22 1.26 0.00	20.28 1.51 0.00	16.99 1.38 0.00	18.22 1.55 0.00	17.40 1.54 0.00	20.02 1.56 -2.80	17.10 1.58 -0.31	22.84 1.67 -5.11	26.56 1.58 -9.98	27.37 2.15 -3.67	28.51 2.65 0.00	25.85 2.40 0.00	26.12 2.32 0.00	28.03 2.47 0.00	22.40 1.94 0.00	21.53 1.84 0.00	17.74 1.52 0.00	16.44 1.38 -0.29

NYPA_VERNON____GT3 24163	16.42 0.57 -8.72	16.35 0.67 -7.08	15.57 1.03 -0.05	15.29 0.85 -2.68	17.44 1.11 0.00	17.35 1.15 -0.28	18.22 1.26 0.00	20.28 1.51 0.00	16.99 1.38 0.00	18.22 1.55 0.00	17.40 1.54 0.00	20.02 1.56 -2.80	17.10 1.58 -0.31	22.84 1.67 -5.11	26.56 1.58 -9.98	27.37 2.15 -3.67	28.51 2.65 0.00	25.85 2.40 0.00	26.12 2.32 0.00	28.03 2.47 0.00	22.40 1.94 0.00	21.53 1.84 0.00	17.74 1.52 0.00	16.44 1.38 -0.29
NYPA____ASTORIA_CC1 323568	16.41 0.56 -8.72	16.35 0.66 -7.08	15.56 1.01 -0.05	15.28 0.84 -2.68	17.41 1.09 0.00	17.33 1.13 -0.28	18.19 1.24 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.19 1.52 0.00	17.37 1.51 0.00	19.98 1.53 -2.80	17.07 1.55 -0.31	22.81 1.64 -5.11	26.53 1.55 -9.98	27.32 2.10 -3.67	28.45 2.59 0.00	25.80 2.36 0.00	26.07 2.27 0.00	27.98 2.42 0.00	22.36 1.90 0.00	21.48 1.80 0.00	17.70 1.49 0.00	16.42 1.35 -0.29
NYPA____ASTORIA_CC2 323569	16.41 0.56 -8.72	16.35 0.66 -7.08	15.56 1.01 -0.05	15.28 0.84 -2.68	17.41 1.09 0.00	17.33 1.13 -0.28	18.19 1.24 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.19 1.52 0.00	17.37 1.51 0.00	19.98 1.53 -2.80	17.07 1.55 -0.31	22.81 1.64 -5.11	26.53 1.55 -9.98	27.32 2.10 -3.67	28.45 2.59 0.00	25.80 2.36 0.00	26.07 2.27 0.00	27.98 2.42 0.00	22.36 1.90 0.00	21.48 1.80 0.00	17.70 1.49 0.00	16.42 1.35 -0.29
NYPA____HOLTSVILL 23794	16.53 0.67 -8.72	16.48 0.79 -7.08	15.74 1.19 -0.05	15.43 0.99 -2.68	17.61 1.28 0.00	17.55 1.35 -0.28	18.39 1.44 0.00	20.49 1.72 0.00	17.06 1.45 0.00	18.86 1.66 -0.53	25.82 1.77 -8.19	26.46 1.76 -9.04	26.86 1.72 -9.93	37.24 1.83 -19.35	27.89 1.67 -11.23	28.10 2.32 -4.23	28.91 2.75 -0.30	28.44 2.65 -2.34	26.29 2.49 0.00	28.10 2.54 0.00	22.56 2.10 0.00	21.84 2.16 0.00	17.95 1.73 0.00	16.56 1.49 -0.29
NYPA____HELLGATE_GT1 24158	16.41 0.55 -8.72	16.34 0.65 -7.08	15.54 0.99 -0.05	15.26 0.82 -2.68	17.37 1.05 0.00	17.33 1.13 -0.28	18.22 1.26 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.18 1.51 0.00	17.36 1.50 0.00	19.95 1.50 -2.80	17.04 1.52 -0.31	22.77 1.60 -5.11	26.50 1.53 -9.98	27.27 2.05 -3.67	28.40 2.54 0.00	25.75 2.30 0.00	26.01 2.22 0.00	27.96 2.40 0.00	22.34 1.89 0.00	21.49 1.80 0.00	17.72 1.50 0.00	16.42 1.36 -0.29
NYPA____HELLGATE_GT2 24159	16.41 0.55 -8.72	16.34 0.65 -7.08	15.54 0.99 -0.05	15.26 0.82 -2.68	17.37 1.05 0.00	17.33 1.13 -0.28	18.22 1.26 0.00	20.25 1.48 0.00	16.97 1.35 0.00	18.18 1.51 0.00	17.36 1.50 0.00	19.95 1.50 -2.80	17.04 1.52 -0.31	22.77 1.60 -5.11	26.50 1.53 -9.98	27.27 2.05 -3.67	28.40 2.54 0.00	25.75 2.30 0.00	26.01 2.22 0.00	27.96 2.40 0.00	22.34 1.89 0.00	21.49 1.80 0.00	17.72 1.50 0.00	16.42 1.36 -0.29
NYS_BARGE____HYD 23848	8.19 -0.21 -1.26	9.37 -0.26 -1.02	14.05 -0.45 -0.01	11.92 -0.23 -0.39	15.91 -0.41 0.00	15.43 -0.53 -0.04	16.60 -0.35 0.00	17.89 -0.88 0.00	14.95 -0.67 0.00	15.98 -0.70 0.00	15.13 -0.73 0.00	15.05 -0.61 0.00	14.60 -0.62 0.00	15.29 -0.76 0.00	14.18 -0.81 0.00	20.27 -1.29 0.00	24.24 -1.63 0.00	21.78 -1.66 0.00	22.18 -1.62 0.00	23.86 -1.70 0.00	19.29 -1.17 0.00	18.68 -1.00 0.00	15.33 -0.88 0.00	13.82 -0.94 0.01
OAK ORCHARD____HYD 24046	8.10 -0.11 -1.08	9.34 -0.14 -0.88	14.23 -0.27 -0.01	11.96 -0.13 -0.33	16.08 -0.25 0.00	15.70 -0.26 -0.03	16.85 -0.11 0.00	18.38 -0.39 0.00	15.33 -0.29 0.00	16.38 -0.30 0.00	15.54 -0.32 0.00	15.42 -0.24 0.00	14.97 -0.24 0.00	15.76 -0.29 0.00	14.64 -0.35 0.00	20.99 -0.57 0.00	25.17 -0.70 0.00	22.72 -0.73 0.00	23.13 -0.66 0.00	24.87 -0.69 0.00	20.00 -0.46 0.00	19.31 -0.37 0.00	15.84 -0.38 0.00	14.28 -0.46 0.03
OAKDALE____35_KV_LOAD 356122	9.73 0.09 -2.51	10.78 0.14 -2.04	14.70 0.19 -0.01	12.74 0.21 -0.77	16.56 0.24 0.00	16.21 0.21 -0.08	17.32 0.36 0.00	19.09 0.32 0.00	15.90 0.28 0.00	16.99 0.32 0.00	16.13 0.27 0.00	15.95 0.30 0.00	15.50 0.29 0.00	16.41 0.36 0.00	15.29 0.30 0.00	21.87 0.32 0.00	26.28 0.42 0.00	23.73 0.28 0.00	24.14 0.34 0.00	25.94 0.37 0.00	20.78 0.31 0.00	20.04 0.36 0.00	16.44 0.22 0.00	15.10 0.22 -0.11
OCC_CHEM____DRP 24175	8.09 -0.34 -1.30	9.26 -0.40 -1.05	13.82 -0.69 -0.01	11.76 -0.40 -0.40	15.64 -0.68 0.00	15.19 -0.77 -0.04	16.36 -0.59 0.00	17.59 -1.18 0.00	14.64 -0.98 0.00	15.65 -1.02 0.00	14.83 -1.03 0.00	14.72 -0.93 0.00	14.29 -0.92 0.00	14.94 -1.11 0.00	13.87 -1.12 0.00	19.84 -1.72 0.00	23.73 -2.14 0.00	21.30 -2.15 0.00	21.67 -2.13 0.00	23.31 -2.25 0.00	18.85 -1.61 0.00	18.25 -1.43 0.00	15.01 -1.21 0.00	13.55 -1.22 0.00
OH_GEN_PROXY 24063	8.15 -0.27 -1.29	9.33 -0.32 -1.05	13.95 -0.55 -0.01	11.84 -0.32 -0.40	15.80 -0.52 0.00	15.34 -0.63 -0.04	16.51 -0.44 0.00	18.17 -0.94 -0.34	15.04 -0.72 -0.14	16.68 -0.74 -0.74	15.09 -0.77 0.00	23.79 -0.65 -8.79	24.68 -0.67 -10.13	27.51 -0.79 -12.24	29.94 -0.85 -15.80	32.33 -1.33 -12.10	28.39 -1.68 -4.21	29.87 -1.75 -8.18	13.09 -1.71 8.99	29.45 -1.81 -5.70	26.52 -1.28 -7.34	18.57 -1.11 0.00	15.27 -0.95 0.00	13.78 -0.99 0.00
OLIN_CORP_DRP 24177	8.10 -0.34 -1.31	9.26 -0.41 -1.06	13.79 -0.72 -0.01	11.73 -0.43 -0.40	15.61 -0.72 0.00	15.15 -0.81 -0.04	16.34 -0.61 0.00	17.57 -1.20 0.00	14.70 -0.92 0.00	15.71 -0.96 0.00	14.88 -0.97 0.00	14.78 -0.87 0.00	14.34 -0.87 0.00	14.99 -1.06 0.00	13.92 -1.07 0.00	19.91 -1.65 0.00	23.81 -2.05 0.00	21.38 -2.06 0.00	21.77 -2.03 0.00	23.41 -2.15 0.00	18.94 -1.52 0.00	18.34 -1.34 0.00	15.07 -1.14 0.00	13.62 -1.15 0.00
OLIN_CORP_DSASP 323712	8.09 -0.34 -1.30	9.26 -0.40 -1.05	13.82 -0.69 -0.01	11.74 -0.42 -0.40	15.64 -0.68 0.00	15.19 -0.77 -0.04	16.36 -0.59 0.00	17.60 -1.18 0.00	14.64 -0.98 0.00	15.65 -1.03 0.00	14.82 -1.04 0.00	14.75 -0.91 0.00	14.30 -0.91 0.00	14.98 -1.07 0.00	13.89 -1.10 0.00	19.85 -1.70 0.00	23.73 -2.13 0.00	21.30 -2.15 0.00	21.67 -2.13 0.00	23.30 -2.26 0.00	18.85 -1.61 0.00	18.25 -1.43 0.00	15.00 -1.21 0.00	13.53 -1.24 0.00
ONEIDA_HERK_LFGE 323681	6.66 -0.09 0.38	7.50 -0.12 0.98	14.37 -0.19 -0.07	11.80 -0.04 -0.08	16.41 0.08 0.00	15.96 0.03 -0.01	16.94 -0.01 0.00	18.76 -0.01 0.00	15.63 0.01 0.00	16.69 0.02 0.00	15.86 0.00 0.00	15.65 0.00 0.00	15.14 -0.07 0.00	15.95 -0.10 0.00	14.90 -0.09 0.00	21.34 -0.21 0.00	25.79 -0.08 0.00	23.42 -0.03 0.00	23.92 0.12 0.00	25.76 0.20 0.00	20.51 0.05 0.00	19.57 -0.12 0.00	16.10 -0.12 0.00	14.83 0.05 -0.01
ONEIDA____115KV_TB4 55905	7.74 0.07 -0.53	9.13 0.09 -0.43	14.62 0.12 0.00	12.09 0.16 -0.17	16.59 0.26 0.00	16.17 0.23 -0.02	17.25 0.30 0.00	19.05 0.28 0.00	15.81 0.19 0.00	16.87 0.19 0.00	16.04 0.18 0.00	15.85 0.19 0.00	15.37 0.15 0.00	16.26 0.21 0.00	15.16 0.17 0.00	21.74 0.18 0.00	26.19 0.32 0.00	23.72 0.28 0.00	24.21 0.41 0.00	26.09 0.53 0.00	20.87 0.41 0.00	20.03 0.35 0.00	16.44 0.22 0.00	15.00 0.21 -0.02

ONONDAGA_REF_OCCRA 23987	8.07 -0.05 -0.98	9.35 -0.05 -0.80	14.38 -0.13 0.00	12.01 -0.06 -0.30	16.22 -0.10 0.00	15.85 -0.10 -0.03	16.94 -0.01 0.00	18.68 -0.09 0.00	15.55 -0.07 0.00	16.59 -0.08 0.00	15.77 -0.08 0.00	15.60 -0.06 0.00	15.15 -0.06 0.00	16.01 -0.04 0.00	14.94 -0.06 0.00	21.43 -0.13 0.00	25.76 -0.11 0.00	23.32 -0.13 0.00	23.73 -0.07 0.00	25.50 -0.06 0.00	20.44 -0.02 0.00	19.66 -0.02 0.00	16.14 -0.08 0.00	14.73 -0.09 -0.05
ONONDAGA___COGEN 23986	8.02 -0.05 -0.95	9.31 -0.07 -0.77	14.36 -0.15 0.00	11.97 -0.07 -0.29	16.21 -0.12 0.00	15.84 -0.11 -0.03	16.93 -0.02 0.00	18.65 -0.12 0.00	15.53 -0.09 0.00	16.57 -0.10 0.00	15.76 -0.09 0.00	15.58 -0.08 0.00	15.12 -0.09 0.00	15.98 -0.07 0.00	14.91 -0.09 0.00	21.40 -0.16 0.00	25.71 -0.16 0.00	23.27 -0.18 0.00	23.69 -0.11 0.00	25.45 -0.11 0.00	20.40 -0.06 0.00	19.61 -0.07 0.00	16.10 -0.12 0.00	14.70 -0.13 -0.06
ONTARIO___LFGE 23819	8.39 0.01 -1.24	9.65 0.04 -1.01	14.53 0.02 -0.01	12.23 0.08 -0.38	16.43 0.10 0.00	16.02 0.06 -0.04	17.25 0.30 0.00	18.94 0.16 0.00	15.76 0.14 0.00	16.80 0.13 0.00	15.94 0.08 0.00	15.78 0.12 0.00	15.39 0.17 0.00	16.20 0.14 0.00	15.11 0.07 -0.04	21.57 0.02 0.00	25.94 0.07 0.00	23.45 0.00 0.00	23.93 0.13 0.00	25.75 0.19 0.00	20.68 0.22 0.00	19.93 0.25 0.00	16.30 0.08 0.00	15.35 0.03 -0.56
ORANGEVILLE_WT_PWR 323706	8.51 -0.15 -1.53	9.71 -0.13 -1.24	14.29 -0.22 -0.01	12.18 -0.05 -0.47	16.18 -0.14 0.00	15.76 -0.21 -0.05	17.02 0.07 0.00	18.47 -0.30 0.00	15.45 -0.17 0.00	16.55 -0.12 0.00	15.68 -0.18 0.00	15.57 -0.08 0.00	15.10 -0.11 0.00	15.91 -0.15 0.00	14.75 -0.25 0.00	21.03 -0.52 0.00	25.19 -0.68 0.00	22.62 -0.83 0.00	23.06 -0.74 0.00	24.81 -0.74 0.00	19.99 -0.47 0.00	19.35 -0.33 0.00	15.84 -0.37 0.00	14.43 -0.46 -0.11
ORANGEVILLE___ESR 323794	8.51 -0.15 -1.53	9.71 -0.13 -1.24	14.29 -0.22 -0.01	12.18 -0.05 -0.47	16.18 -0.14 0.00	15.76 -0.21 -0.05	17.02 0.07 0.00	18.47 -0.30 0.00	15.45 -0.17 0.00	16.55 -0.12 0.00	15.68 -0.18 0.00	15.57 -0.08 0.00	15.10 -0.11 0.00	15.91 -0.15 0.00	14.75 -0.25 0.00	21.03 -0.52 0.00	25.19 -0.68 0.00	22.62 -0.83 0.00	23.06 -0.74 0.00	24.81 -0.74 0.00	19.99 -0.47 0.00	19.35 -0.33 0.00	15.84 -0.37 0.00	14.43 -0.46 -0.11
OSWEGATCHIE___HYD 24044	1.62 -0.42 5.09	-1.39 -0.55 9.45	13.94 -0.88 -0.33	9.93 -0.60 1.24	15.67 -0.65 0.00	15.30 -0.64 -0.01	16.17 -0.78 0.00	17.96 -0.81 0.00	14.92 -0.70 0.00	15.93 -0.74 0.00	15.15 -0.71 0.00	14.93 -0.73 0.00	14.41 -0.80 0.00	15.13 -0.93 0.00	14.16 -0.83 0.00	20.31 -1.25 0.00	24.54 -1.33 0.00	22.38 -1.06 0.00	22.87 -0.93 0.00	24.66 -0.90 0.00	19.61 -0.85 0.00	18.60 -1.08 0.00	15.34 -0.88 0.00	14.19 -0.59 -0.01
OSWEGO___5 23606	7.68 -0.20 -0.75	8.97 -0.25 -0.61	14.07 -0.43 0.00	11.68 -0.31 -0.23	15.88 -0.44 0.00	15.51 -0.44 -0.02	16.56 -0.39 0.00	18.25 -0.52 0.00	15.20 -0.42 0.00	16.23 -0.44 0.00	15.43 -0.43 0.00	15.25 -0.40 0.00	14.81 -0.40 0.00	15.64 -0.42 0.00	14.59 -0.41 0.00	20.93 -0.62 0.00	25.14 -0.72 0.00	22.75 -0.69 0.00	23.15 -0.65 0.00	24.87 -0.69 0.00	19.94 -0.52 0.00	19.18 -0.50 0.00	15.76 -0.46 0.00	14.36 -0.43 -0.02
OSWEGO___6 23613	7.68 -0.20 -0.75	8.97 -0.25 -0.61	14.07 -0.43 0.00	11.68 -0.31 -0.23	15.88 -0.44 0.00	15.51 -0.44 -0.02	16.56 -0.39 0.00	18.25 -0.52 0.00	15.20 -0.42 0.00	16.23 -0.44 0.00	15.43 -0.43 0.00	15.25 -0.40 0.00	14.81 -0.40 0.00	15.64 -0.42 0.00	14.59 -0.41 0.00	20.93 -0.62 0.00	25.14 -0.72 0.00	22.75 -0.69 0.00	23.15 -0.65 0.00	24.87 -0.69 0.00	19.94 -0.52 0.00	19.18 -0.50 0.00	15.76 -0.46 0.00	14.36 -0.43 -0.02
OUTOKUMPU-AB___DRP 24206	8.29 -0.16 -1.32	9.49 -0.19 -1.07	14.17 -0.33 -0.01	12.05 -0.12 -0.40	16.05 -0.27 0.00	15.59 -0.38 -0.04	16.79 -0.16 0.00	18.10 -0.67 0.00	15.11 -0.51 0.00	16.16 -0.51 0.00	15.32 -0.54 0.00	15.21 -0.44 0.00	14.76 -0.45 0.00	15.45 -0.60 0.00	14.35 -0.64 0.00	20.51 -1.05 0.00	24.56 -1.31 0.00	22.04 -1.41 0.00	22.43 -1.37 0.00	24.12 -1.44 0.00	19.48 -0.98 0.00	18.86 -0.82 0.00	15.48 -0.74 0.00	13.96 -0.80 0.00
OXBOW____ 24026	8.19 -0.25 -1.31	9.38 -0.29 -1.06	14.01 -0.50 -0.01	11.89 -0.27 -0.40	15.86 -0.47 0.00	15.39 -0.57 -0.04	16.59 -0.37 0.00	17.86 -0.91 0.00	14.89 -0.73 0.00	15.92 -0.75 0.00	15.08 -0.77 0.00	15.00 -0.66 0.00	14.56 -0.66 0.00	15.25 -0.80 0.00	14.14 -0.85 0.00	20.21 -1.35 0.00	24.17 -1.70 0.00	21.69 -1.75 0.00	22.07 -1.72 0.00	23.74 -1.82 0.00	19.19 -1.27 0.00	18.58 -1.10 0.00	15.25 -0.96 0.00	13.75 -1.02 0.00
OXY_CHEM_DSASP 323612	8.09 -0.34 -1.30	9.26 -0.40 -1.05	13.82 -0.69 -0.01	11.76 -0.40 -0.40	15.64 -0.68 0.00	15.19 -0.77 -0.04	16.36 -0.59 0.00	17.59 -1.18 0.00	14.64 -0.98 0.00	15.65 -1.02 0.00	14.83 -1.03 0.00	14.72 -0.93 0.00	14.29 -0.92 0.00	14.94 -1.11 0.00	13.87 -1.12 0.00	19.84 -1.72 0.00	23.73 -2.14 0.00	21.30 -2.15 0.00	21.67 -2.13 0.00	23.31 -2.25 0.00	18.85 -1.61 0.00	18.25 -1.43 0.00	15.01 -1.21 0.00	13.55 -1.22 0.00
OZONE_PARK_ESR 323760	16.47 0.62 -8.72	16.41 0.72 -7.08	15.67 1.13 -0.05	15.36 0.92 -2.68	17.55 1.23 0.00	17.46 1.26 -0.28	18.33 1.38 0.00	20.42 1.65 0.00	17.10 1.48 0.00	18.32 1.65 0.00	17.50 1.64 0.00	20.13 1.68 -2.80	17.21 1.68 -0.31	22.97 1.80 -5.11	26.67 1.69 -9.98	27.54 2.32 -3.67	28.70 2.84 0.00	26.02 2.57 0.00	26.32 2.52 0.00	28.25 2.69 0.00	22.58 2.12 0.00	21.70 2.02 0.00	17.88 1.66 0.00	16.56 1.50 -0.29
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	8.09 -0.34 -1.30	9.26 -0.40 -1.05	13.82 -0.69 -0.01	11.76 -0.40 -0.40	15.64 -0.68 0.00	15.19 -0.77 -0.04	16.36 -0.59 0.00	17.59 -1.18 0.00	14.64 -0.98 0.00	15.65 -1.02 0.00	14.83 -1.03 0.00	14.72 -0.93 0.00	14.29 -0.92 0.00	14.94 -1.11 0.00	13.87 -1.12 0.00	19.84 -1.72 0.00	23.73 -2.14 0.00	21.30 -2.15 0.00	21.67 -2.13 0.00	23.31 -2.25 0.00	18.85 -1.61 0.00	18.25 -1.43 0.00	15.01 -1.21 0.00	13.55 -1.22 0.00
PACKARD__115KV_DUPONT_184 80571	8.09 -0.34 -1.30	9.26 -0.40 -1.05	13.82 -0.69 -0.01	11.76 -0.40 -0.40	15.64 -0.68 0.00	15.19 -0.77 -0.04	16.36 -0.59 0.00	17.59 -1.18 0.00	14.64 -0.98 0.00	15.65 -1.02 0.00	14.83 -1.03 0.00	14.72 -0.93 0.00	14.29 -0.92 0.00	14.94 -1.11 0.00	13.87 -1.12 0.00	19.84 -1.72 0.00	23.73 -2.14 0.00	21.30 -2.15 0.00	21.67 -2.13 0.00	23.31 -2.25 0.00	18.85 -1.61 0.00	18.25 -1.43 0.00	15.01 -1.21 0.00	13.55 -1.22 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	16.40 0.55 -8.72	16.34 0.65 -7.08	15.54 0.99 -0.05	15.26 0.81 -2.68	17.39 1.06 0.00	17.31 1.11 -0.28	18.19 1.24 0.00	20.23 1.46 0.00	16.95 1.33 0.00	18.16 1.49 0.00	17.34 1.49 0.00	19.94 1.49 -2.80	17.02 1.50 -0.31	22.77 1.60 -5.11	26.49 1.51 -9.98	27.25 2.02 -3.67	28.37 2.50 0.00	25.72 2.27 0.00	25.98 2.18 0.00	27.92 2.36 0.00	22.31 1.85 0.00	21.45 1.77 0.00	17.68 1.47 0.00	16.39 1.33 -0.29

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	16.42 0.57 -8.72	16.39 0.70 -7.08	15.60 1.05 -0.05	15.31 0.87 -2.68	17.50 1.17 0.00	17.35 1.15 -0.28	18.22 1.27 0.00	20.31 1.54 0.00	17.01 1.39 0.00	18.22 1.55 0.00	17.40 1.55 0.00	19.99 1.54 -2.80	17.05 1.53 -0.31	22.78 1.61 -5.11	26.47 1.49 -9.98	27.20 1.97 -3.67	28.34 2.48 0.00	25.68 2.24 0.00	25.97 2.17 0.00	27.96 2.40 0.00	22.34 1.88 0.00	21.49 1.81 0.00	17.70 1.48 0.00	16.40 1.34 -0.29
PATROON__115KV_TB1 80586	18.80 0.18 -11.49	18.14 0.21 -9.33	14.90 0.34 -0.06	15.58 0.29 -3.53	16.72 0.40 0.00	16.63 0.34 -0.37	17.23 0.28 0.00	19.11 0.34 0.00	15.92 0.31 0.00	16.94 0.27 0.00	16.12 0.27 0.00	15.66 0.28 0.27	15.47 0.29 0.03	15.88 0.32 0.50	14.32 0.35 1.02	21.71 0.51 0.36	26.46 0.60 0.00	23.98 0.54 0.00	24.32 0.52 0.00	26.16 0.60 0.00	20.94 0.48 0.00	20.16 0.47 -0.01	16.61 0.39 0.00	15.52 0.38 -0.36
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	8.53 -0.03 -1.44	9.75 -0.02 -1.17	14.48 -0.03 -0.01	12.30 0.10 -0.44	16.40 0.07 0.00	15.93 -0.04 -0.05	17.17 0.22 0.00	18.62 -0.15 0.00	15.58 -0.04 0.00	16.68 0.00 0.00	15.79 -0.06 0.00	15.67 0.01 0.00	15.20 -0.01 0.00	15.96 -0.09 0.00	14.81 -0.18 0.00	21.16 -0.39 0.00	25.34 -0.53 0.00	22.74 -0.71 0.00	23.13 -0.67 0.00	24.88 -0.68 0.00	20.07 -0.39 0.00	19.43 -0.25 0.00	15.94 -0.27 0.00	14.41 -0.36 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	16.43 0.56 -8.73	16.35 0.66 -7.09	15.58 1.03 -0.05	15.29 0.84 -2.68	17.46 1.13 0.00	17.38 1.17 -0.28	18.23 1.28 0.00	20.28 1.51 0.00	16.95 1.33 0.00	18.12 1.45 0.00	17.27 1.42 0.00	19.86 1.45 -2.76	16.98 1.46 -0.31	22.68 1.58 -5.04	26.33 1.50 -9.84	27.23 2.06 -3.62	28.38 2.51 0.00	25.74 2.30 0.00	26.08 2.28 0.00	27.99 2.43 0.00	22.39 1.93 0.00	21.51 1.82 0.00	17.69 1.47 0.00	16.38 1.32 -0.29
PEEKSKILL____ 23653	16.22 0.51 -8.58	16.16 0.59 -6.96	15.46 0.92 -0.04	15.16 0.76 -2.63	17.33 1.01 0.00	17.24 1.04 -0.27	18.08 1.12 0.00	20.10 1.33 0.00	16.80 1.18 0.00	17.98 1.30 0.00	17.16 1.30 0.00	19.70 1.32 -2.73	16.84 1.33 -0.31	22.46 1.43 -4.98	26.08 1.36 -9.73	26.95 1.82 -3.57	28.11 2.24 0.00	25.48 2.04 0.00	25.79 1.99 0.00	27.67 2.11 0.00	22.13 1.67 0.00	21.28 1.60 0.00	17.53 1.31 0.00	16.24 1.19 -0.29
PGE MADISON__WINDPWR 24146	9.95 0.46 -2.36	11.03 0.51 -1.92	15.29 0.78 -0.01	13.23 0.74 -0.72	17.37 1.04 0.00	17.06 1.06 -0.07	18.31 1.35 0.00	20.12 1.34 0.00	16.56 0.94 0.00	17.55 0.88 0.00	16.56 0.71 0.00	16.37 0.72 0.00	15.82 0.61 0.00	16.77 0.71 0.00	15.63 0.63 0.00	22.47 0.92 0.00	27.17 1.30 0.00	24.46 1.01 0.00	25.28 1.48 0.00	27.44 1.89 0.00	22.12 1.66 0.00	21.24 1.56 0.00	17.32 1.10 0.00	15.80 0.92 -0.11
PIERCEFIELD__HYD 23852	-1.31 -0.40 8.04	-6.43 -0.51 14.52	14.13 -0.86 -0.48	9.02 -0.70 2.05	15.48 -0.84 0.00	15.12 -0.80 0.00	16.06 -0.90 0.00	17.85 -0.92 0.00	14.77 -0.85 0.00	15.79 -0.88 0.00	15.02 -0.84 0.00	14.78 -0.88 0.00	14.32 -0.89 0.00	15.07 -0.99 0.00	14.11 -0.88 0.00	20.34 -1.22 0.00	24.43 -1.43 0.00	22.24 -1.21 0.00	22.61 -1.19 0.00	24.32 -1.24 0.00	19.42 -1.04 0.00	18.55 -1.13 0.00	15.30 -0.92 0.00	13.97 -0.80 0.00
PINELAWN_CC_1 323563	16.52 0.66 -8.72	16.46 0.77 -7.08	15.72 1.17 -0.05	15.41 0.97 -2.68	17.58 1.26 0.00	17.53 1.33 -0.28	18.38 1.42 0.00	20.45 1.68 0.00	17.06 1.45 0.00	18.84 1.64 -0.53	25.79 1.74 -8.19	26.43 1.73 -9.04	26.85 1.72 -9.93	37.21 1.81 -19.35	27.88 1.66 -11.23	28.08 2.29 -4.23	28.90 2.74 -0.30	28.39 2.60 -2.34	26.25 2.45 0.00	28.07 2.50 0.00	22.52 2.06 0.00	21.76 2.08 0.00	17.91 1.69 0.00	16.54 1.47 -0.29
PJM_GEN_HTP_PROXY 323702	16.40 0.55 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.26 0.82 -2.67	17.41 1.09 0.00	17.32 1.12 -0.28	18.17 1.21 0.00	20.22 1.45 0.00	16.93 1.31 0.00	18.14 1.47 0.00	17.32 1.46 0.00	19.94 1.49 -2.80	17.02 1.49 -0.31	22.76 1.59 -5.11	26.48 1.51 -9.98	27.27 2.05 -3.67	28.38 2.52 0.00	25.92 2.28 -0.19	26.02 2.22 0.00	27.94 2.38 0.00	21.81 1.86 0.51	21.45 1.77 0.00	17.69 1.47 0.00	16.39 1.33 -0.29
PJM_GEN_KEystone 24065	12.55 0.24 -5.17	13.10 0.29 -4.20	14.97 0.44 -0.03	13.76 0.41 -1.59	16.84 0.51 0.00	16.57 0.49 -0.16	17.59 0.64 0.00	19.39 0.63 0.00	16.18 0.56 0.00	17.32 0.64 0.00	16.48 0.62 0.00	17.68 0.66 -1.36	16.01 0.65 -0.15	19.26 0.72 -2.49	20.49 0.64 -4.86	24.08 0.74 -1.78	26.78 0.91 0.00	24.35 0.71 -0.19	24.51 0.71 0.00	26.30 0.74 0.00	20.57 0.62 0.51	20.36 0.68 0.00	16.74 0.53 0.00	15.43 0.49 -0.17
PJM_GEN_NEPTUNE_PROXY 323594	16.44 0.58 -8.72	16.37 0.69 -7.08	15.58 1.03 -0.05	15.30 0.85 -2.68	17.44 1.11 0.00	17.36 1.16 -0.28	18.19 1.23 0.00	20.24 1.47 0.00	16.89 1.27 0.00	18.44 1.47 -0.30	22.03 1.58 -4.59	23.54 1.59 -6.30	22.49 1.58 -5.70	30.82 1.67 -13.10	27.22 1.54 -10.68	27.63 2.09 -3.98	28.52 2.48 -0.17	27.31 2.36 -1.51	26.01 2.21 0.00	27.82 2.26 0.00	21.79 1.84 0.51	21.52 1.84 0.00	17.71 1.49 0.00	16.38 1.31 -0.29
PJM_GEN_VFT_PROXY 323633	16.36 0.51 -8.72	16.28 0.59 -7.08	15.45 0.91 -0.05	15.20 0.76 -2.68	17.32 0.99 0.00	17.22 1.02 -0.28	18.06 1.11 0.00	20.10 1.33 0.00	16.83 1.21 0.00	18.03 1.36 0.00	17.23 1.37 0.00	19.85 1.40 -2.80	16.93 1.41 -0.31	22.66 1.49 -5.11	26.40 1.42 -9.98	27.14 1.92 -3.67	28.24 2.37 0.00	25.79 2.15 -0.19	25.88 2.08 0.00	27.77 2.21 0.00	21.69 1.74 0.51	21.33 1.65 0.00	17.59 1.37 0.00	16.32 1.26 -0.29
PLATSBRG_115KV_PMLD1 355749	-3.17 -0.25 10.05	-9.99 -0.45 18.15	10.88 -0.77 2.85	-12.76 -0.70 23.82	15.70 -0.62 0.00	15.40 -0.52 0.00	16.53 -0.42 0.00	18.62 -0.15 0.00	15.33 -0.29 0.00	16.29 -0.38 0.00	15.50 -0.36 0.00	15.30 -0.36 0.00	14.84 -0.37 0.00	15.52 -0.53 0.00	14.34 -0.66 0.00	20.70 -0.86 0.00	24.99 -0.88 0.00	22.80 -0.65 0.00	23.24 -0.56 0.00	25.22 -0.34 0.00	20.09 -0.38 0.00	19.12 -0.56 0.00	15.69 -0.53 0.00	14.16 -0.61 0.00
PLEASANTVLY__LBMP 24000	16.67 0.46 -9.08	16.52 0.54 -7.37	15.39 0.85 -0.05	15.25 0.69 -2.79	17.25 0.92 0.00	17.17 0.96 -0.29	17.97 1.02 0.00	19.97 1.20 0.00	16.69 1.07 0.00	17.84 1.16 0.00	17.00 1.14 0.00	19.80 1.16 -2.99	16.71 1.16 -0.33	22.77 1.26 -5.45	26.83 1.19 -10.65	27.07 1.60 -3.91	27.80 1.94 0.00	25.21 1.76 0.00	25.53 1.73 0.00	27.41 1.85 0.00	21.93 1.47 0.00	21.08 1.40 0.00	17.36 1.14 0.00	16.12 1.05 -0.30
PLSNTVLE_13_KV_13.8KVDIST 80602	16.42 0.53 -8.76	16.33 0.61 -7.11	15.50 0.96 -0.05	15.24 0.79 -2.69	17.37 1.05 0.00	17.29 1.09 -0.28	18.12 1.16 0.00	20.15 1.38 0.00	16.86 1.24 0.00	18.04 1.37 0.00	17.21 1.35 0.00	19.86 1.39 -2.81	16.92 1.39 -0.31	22.70 1.50 -5.14	26.45 1.42 -10.04	27.17 1.93 -3.69	28.21 2.35 0.00	25.57 2.13 0.00	25.89 2.09 0.00	27.78 2.22 0.00	22.21 1.75 0.00	21.35 1.66 0.00	17.58 1.36 0.00	16.30 1.23 -0.29

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	16.42 0.53 -8.76	16.33 0.61 -7.11	15.50 0.96 -0.05	15.24 0.79 -2.69	17.37 1.05 0.00	17.29 1.09 -0.28	18.12 1.16 0.00	20.15 1.38 0.00	16.86 1.24 0.00	18.04 1.37 0.00	17.21 1.35 0.00	19.86 1.39 -2.81	16.92 1.39 -0.31	22.70 1.50 -5.14	26.45 1.42 -10.04	27.17 1.93 -3.69	28.21 2.35 0.00	25.57 2.13 0.00	25.89 2.09 0.00	27.78 2.22 0.00	22.21 1.75 0.00	21.35 1.66 0.00	17.58 1.36 0.00	16.30 1.23 -0.29
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	16.47 0.52 -8.82	16.37 0.60 -7.16	15.48 0.93 -0.05	15.24 0.77 -2.71	17.35 1.03 0.00	17.27 1.07 -0.28	18.11 1.16 0.00	20.13 1.36 0.00	16.81 1.20 0.00	17.96 1.28 0.00	17.11 1.25 0.00	19.59 1.26 -2.67	16.78 1.27 -0.30	22.34 1.40 -4.88	25.81 1.32 -9.49	26.86 1.80 -3.50	28.07 2.20 0.00	25.48 2.03 0.00	25.81 2.01 0.00	27.72 2.16 0.00	22.17 1.71 0.00	21.31 1.62 0.00	17.53 1.31 0.00	16.24 1.18 -0.30
POLETTI____ 23519	16.40 0.54 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.26 0.81 -2.68	17.41 1.08 0.00	17.30 1.10 -0.28	18.14 1.19 0.00	20.18 1.41 0.00	16.90 1.28 0.00	18.12 1.45 0.00	17.31 1.45 0.00	19.93 1.48 -2.80	17.01 1.49 -0.31	22.76 1.59 -5.11	26.47 1.49 -9.98	27.25 2.03 -3.67	28.36 2.49 0.00	25.70 2.26 0.00	25.99 2.20 0.00	27.89 2.33 0.00	22.29 1.83 0.00	21.43 1.74 0.00	17.66 1.44 0.00	16.37 1.31 -0.29
PORT_JEFF_3 23555	16.55 0.69 -8.72	16.49 0.81 -7.08	15.77 1.22 -0.05	15.45 1.01 -2.68	17.63 1.31 0.00	17.58 1.38 -0.28	18.43 1.48 0.00	20.53 1.76 0.00	17.10 1.48 0.00	18.90 1.70 -0.53	25.86 1.81 -8.19	26.50 1.80 -9.04	26.90 1.76 -9.93	37.29 1.88 -19.35	27.94 1.72 -11.23	28.17 2.39 -4.23	28.99 2.82 -0.30	28.50 2.71 -2.34	26.35 2.55 0.00	28.17 2.61 0.00	22.61 2.15 0.00	21.91 2.23 0.00	18.00 1.79 0.00	16.60 1.54 -0.29
PORT_JEFF_4 23616	16.55 0.69 -8.72	16.49 0.81 -7.08	15.77 1.22 -0.05	15.45 1.01 -2.68	17.63 1.31 0.00	17.58 1.38 -0.28	18.43 1.48 0.00	20.53 1.76 0.00	17.10 1.48 0.00	18.90 1.70 -0.53	25.86 1.81 -8.19	26.50 1.80 -9.04	26.90 1.76 -9.93	37.29 1.88 -19.35	27.94 1.72 -11.23	28.17 2.39 -4.23	28.99 2.82 -0.30	28.50 2.71 -2.34	26.35 2.55 0.00	28.17 2.61 0.00	22.61 2.15 0.00	21.91 2.23 0.00	18.00 1.79 0.00	16.60 1.54 -0.29
PORT_JEFF_IC 23713	16.55 0.70 -8.72	16.50 0.81 -7.08	15.77 1.23 -0.05	15.46 1.01 -2.68	17.63 1.31 0.00	17.59 1.39 -0.28	18.44 1.49 0.00	20.54 1.77 0.00	17.11 1.49 0.00	18.91 1.71 -0.53	25.87 1.82 -8.19	26.51 1.81 -9.04	26.91 1.77 -9.93	37.30 1.89 -19.35	27.96 1.74 -11.23	28.21 2.42 -4.23	29.00 2.84 -0.30	28.50 2.71 -2.34	26.35 2.55 0.00	28.16 2.61 0.00	22.61 2.15 0.00	21.94 2.26 0.00	18.02 1.81 0.00	16.62 1.55 -0.29
PPL PILGRIM_ST_GT1 24216	16.55 0.70 -8.72	16.51 0.82 -7.08	15.79 1.25 -0.05	15.47 1.03 -2.68	17.66 1.34 0.00	17.61 1.41 -0.28	18.46 1.51 0.00	20.54 1.77 0.00	17.13 1.52 0.00	18.92 1.73 -0.53	25.89 1.84 -8.19	26.53 1.84 -9.04	26.93 1.79 -9.93	37.31 1.90 -19.35	27.89 1.68 -11.23	28.04 2.26 -4.23	28.83 2.67 -0.30	28.36 2.57 -2.34	26.20 2.40 0.00	28.01 2.45 0.00	22.50 2.04 0.00	21.81 2.13 0.00	17.98 1.76 0.00	16.60 1.54 -0.29
PPL PILGRIM_ST_GT2 24217	16.55 0.70 -8.72	16.51 0.82 -7.08	15.79 1.25 -0.05	15.47 1.03 -2.68	17.66 1.34 0.00	17.61 1.41 -0.28	18.46 1.51 0.00	20.54 1.77 0.00	17.13 1.52 0.00	18.92 1.73 -0.53	25.89 1.84 -8.19	26.53 1.84 -9.04	26.93 1.79 -9.93	37.31 1.90 -19.35	27.89 1.68 -11.23	28.04 2.26 -4.23	28.83 2.67 -0.30	28.36 2.57 -2.34	26.20 2.40 0.00	28.01 2.45 0.00	22.50 2.04 0.00	21.81 2.13 0.00	17.98 1.76 0.00	16.60 1.54 -0.29
PPL_SHRM_GT3 24213	16.48 0.62 -8.72	16.42 0.74 -7.08	15.64 1.09 -0.05	15.35 0.91 -2.68	17.54 1.21 0.00	17.41 1.21 -0.28	18.25 1.30 0.00	20.38 1.61 0.00	16.92 1.30 0.00	18.71 1.51 -0.53	25.68 1.63 -8.19	26.31 1.61 -9.04	26.71 1.57 -9.93	37.10 1.69 -19.35	27.77 1.55 -11.23	27.97 2.18 -4.23	28.80 2.64 -0.30	28.37 2.58 -2.34	26.24 2.44 0.00	28.05 2.49 0.00	22.53 2.07 0.00	21.84 2.15 0.00	17.92 1.71 0.00	16.48 1.41 -0.29
PPL_SHRM_GT4 24214	16.48 0.62 -8.72	16.42 0.74 -7.08	15.64 1.09 -0.05	15.35 0.91 -2.68	17.54 1.21 0.00	17.41 1.21 -0.28	18.25 1.30 0.00	20.38 1.61 0.00	16.92 1.30 0.00	18.71 1.51 -0.53	25.68 1.63 -8.19	26.31 1.61 -9.04	26.71 1.57 -9.93	37.10 1.69 -19.35	27.77 1.55 -11.23	27.97 2.18 -4.23	28.80 2.64 -0.30	28.37 2.58 -2.34	26.24 2.44 0.00	28.05 2.49 0.00	22.53 2.07 0.00	21.84 2.15 0.00	17.92 1.71 0.00	16.48 1.41 -0.29
PROJECT____ORANGE 1 24174	7.87 -0.08 -0.82	9.17 -0.10 -0.67	14.29 -0.21 0.00	11.90 -0.13 -0.25	16.13 -0.19 0.00	15.76 -0.19 -0.03	16.84 -0.12 0.00	18.57 -0.20 0.00	15.46 -0.16 0.00	16.50 -0.17 0.00	15.70 -0.16 0.00	15.52 -0.13 0.00	15.08 -0.13 0.00	15.94 -0.12 0.00	14.86 -0.13 0.00	21.32 -0.23 0.00	25.62 -0.25 0.00	23.19 -0.26 0.00	23.58 -0.21 0.00	25.34 -0.22 0.00	20.30 -0.16 0.00	19.53 -0.15 0.00	16.03 -0.18 0.00	14.61 -0.19 -0.03
PROJECT____ORANGE 2 24166	7.87 -0.08 -0.82	9.17 -0.10 -0.67	14.29 -0.21 0.00	11.90 -0.13 -0.25	16.13 -0.19 0.00	15.76 -0.19 -0.03	16.84 -0.12 0.00	18.57 -0.20 0.00	15.46 -0.16 0.00	16.50 -0.17 0.00	15.70 -0.16 0.00	15.52 -0.13 0.00	15.08 -0.13 0.00	15.94 -0.12 0.00	14.86 -0.13 0.00	21.32 -0.23 0.00	25.62 -0.25 0.00	23.19 -0.26 0.00	23.58 -0.21 0.00	25.34 -0.22 0.00	20.30 -0.16 0.00	19.53 -0.15 0.00	16.03 -0.18 0.00	14.61 -0.19 -0.03
PUCKETT____SOLAR 323809	9.89 0.20 -2.56	10.95 0.26 -2.08	14.91 0.39 -0.01	12.92 0.37 -0.78	16.82 0.50 0.00	16.47 0.47 -0.08	17.61 0.66 0.00	19.40 0.63 0.00	16.08 0.47 0.00	17.11 0.44 0.00	16.23 0.37 0.00	16.03 0.38 0.00	15.55 0.34 0.00	16.47 0.42 0.00	15.36 0.36 0.00	21.98 0.42 0.00	26.52 0.66 0.00	23.95 0.51 0.00	24.48 0.69 0.00	26.37 0.81 0.00	21.14 0.68 0.00	20.39 0.71 0.00	16.71 0.49 0.00	15.31 0.43 -0.11
PYRITES____HYD 24023	-1.37 -0.24 8.26	-6.62 -0.31 14.92	14.43 -0.51 -0.44	8.91 -0.43 2.43	15.84 -0.49 0.00	15.44 -0.48 0.00	16.42 -0.54 0.00	18.20 -0.56 0.00	15.05 -0.57 0.00	16.08 -0.59 0.00	15.29 -0.57 0.00	15.04 -0.62 0.00	14.58 -0.63 0.00	15.36 -0.69 0.00	14.40 -0.59 0.00	20.74 -0.82 0.00	24.92 -0.95 0.00	22.69 -0.76 0.00	23.07 -0.73 0.00	24.81 -0.75 0.00	19.82 -0.64 0.00	18.97 -0.71 0.00	15.63 -0.58 0.00	14.25 -0.52 0.00
QUAKERRD_115KV_BK1 80622	7.90 -0.27 -1.04	9.12 -0.33 -0.85	13.92 -0.59 0.00	11.69 -0.39 -0.32	15.73 -0.60 0.00	15.34 -0.62 -0.03	16.45 -0.51 0.00	17.99 -0.78 0.00	15.01 -0.61 0.00	16.03 -0.64 0.00	15.21 -0.65 0.00	15.07 -0.58 0.00	14.64 -0.57 0.00	15.40 -0.65 0.00	14.33 -0.65 0.01	20.56 -1.00 0.00	24.67 -1.19 0.00	22.29 -1.16 0.00	22.68 -1.12 0.00	24.38 -1.18 0.00	19.60 -0.86 0.00	18.89 -0.78 0.00	15.50 -0.71 0.00	13.97 -0.72 0.07

QUENSBRY_I15KV_TB8 356137	19.24 0.23 -11.88	18.48 0.23 -9.64	14.93 0.36 -0.06	15.74 0.33 -3.64	16.73 0.41 0.00	16.76 0.46 -0.38	17.41 0.45 0.00	19.30 0.52 0.00	16.01 0.39 0.00	16.94 0.27 0.00	16.12 0.26 0.00	15.61 0.23 0.27	15.44 0.26 0.03	15.92 0.36 0.49	14.35 0.35 1.00	21.93 0.72 0.35	26.69 0.82 0.00	24.25 0.81 0.00	24.65 0.86 0.00	26.60 1.04 0.00	21.29 0.83 0.00	20.46 0.77 -0.01	16.83 0.62 0.00	15.67 0.53 -0.38
RAMAPO____LBMP 323565	15.65 0.49 -8.03	15.69 0.56 -6.52	15.41 0.87 -0.04	14.96 0.73 -2.46	17.30 0.98 0.00	17.17 0.99 -0.26	18.03 1.08 0.00	20.04 1.26 0.00	16.73 1.11 0.00	17.90 1.22 0.00	17.09 1.23 0.00	19.36 1.26 -2.45	16.74 1.26 -0.27	21.89 1.37 -4.47	25.03 1.31 -8.73	26.47 1.71 -3.21	27.98 2.11 0.00	25.37 1.92 0.00	25.68 1.88 0.00	27.54 1.98 0.00	22.02 1.56 0.00	21.19 1.51 0.00	17.46 1.25 0.00	16.17 1.13 -0.27
RANKINE____ 23646	8.42 -0.10 -1.39	9.63 -0.10 -1.13	14.32 -0.19 -0.01	12.19 0.00 -0.43	16.23 -0.10 0.00	15.77 -0.19 -0.04	17.01 0.05 0.00	18.40 -0.37 0.00	15.39 -0.22 0.00	16.48 -0.19 0.00	15.61 -0.24 0.00	15.50 -0.15 0.00	15.04 -0.17 0.00	15.77 -0.28 0.00	14.63 -0.36 0.00	20.91 -0.65 0.00	25.04 -0.82 0.00	22.47 -0.97 0.00	22.87 -0.93 0.00	24.60 -0.96 0.00	19.85 -0.61 0.00	19.22 -0.46 0.00	15.77 -0.45 0.00	14.23 -0.54 0.00
RAVENSWOOD_GT2_1 24244	16.40 0.55 -8.72	16.33 0.65 -7.08	15.54 1.00 -0.05	15.27 0.83 -2.68	17.41 1.08 0.00	17.32 1.12 -0.28	18.17 1.21 0.00	20.21 1.44 0.00	16.93 1.31 0.00	18.14 1.47 0.00	17.32 1.46 0.00	19.94 1.49 -2.80	17.02 1.50 -0.31	22.76 1.59 -5.11	26.48 1.51 -9.98	27.27 2.04 -3.67	28.38 2.51 0.00	25.73 2.28 0.00	26.02 2.22 0.00	27.92 2.36 0.00	22.32 1.85 0.00	21.44 1.76 0.00	17.68 1.46 0.00	16.38 1.32 -0.29
RAVENSWOOD_GT2_2 24245	16.40 0.55 -8.72	16.33 0.65 -7.08	15.54 1.00 -0.05	15.27 0.83 -2.68	17.41 1.08 0.00	17.32 1.12 -0.28	18.17 1.21 0.00	20.21 1.44 0.00	16.93 1.31 0.00	18.14 1.47 0.00	17.32 1.46 0.00	19.94 1.49 -2.80	17.02 1.50 -0.31	22.76 1.59 -5.11	26.48 1.51 -9.98	27.27 2.04 -3.67	28.38 2.51 0.00	25.73 2.28 0.00	26.02 2.22 0.00	27.92 2.36 0.00	22.32 1.85 0.00	21.44 1.76 0.00	17.68 1.46 0.00	16.38 1.32 -0.29
RAVENSWOOD_GT2_3 24246	16.41 0.55 -8.72	16.34 0.65 -7.08	15.55 1.00 -0.05	15.27 0.83 -2.68	17.42 1.10 0.00	17.33 1.13 -0.28	18.18 1.22 0.00	20.23 1.46 0.00	16.93 1.32 0.00	18.15 1.48 0.00	17.33 1.47 0.00	19.95 1.50 -2.80	17.03 1.51 -0.31	22.77 1.60 -5.11	26.49 1.51 -9.98	27.29 2.06 -3.67	28.40 2.53 0.00	25.74 2.30 0.00	26.03 2.23 0.00	27.94 2.38 0.00	22.33 1.86 0.00	21.46 1.78 0.00	17.69 1.47 0.00	16.39 1.33 -0.29
RAVENSWOOD_GT2_4 24247	16.41 0.55 -8.72	16.34 0.65 -7.08	15.55 1.00 -0.05	15.27 0.83 -2.68	17.42 1.10 0.00	17.33 1.13 -0.28	18.18 1.22 0.00	20.23 1.46 0.00	16.93 1.32 0.00	18.15 1.48 0.00	17.33 1.47 0.00	19.95 1.50 -2.80	17.03 1.51 -0.31	22.77 1.60 -5.11	26.49 1.51 -9.98	27.29 2.06 -3.67	28.40 2.53 0.00	25.74 2.30 0.00	26.03 2.23 0.00	27.94 2.38 0.00	22.33 1.86 0.00	21.46 1.78 0.00	17.69 1.47 0.00	16.39 1.33 -0.29
RAVENSWOOD_GT3_1 24248	16.40 0.55 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.26 0.82 -2.68	17.41 1.08 0.00	17.31 1.11 -0.28	18.16 1.21 0.00	20.21 1.44 0.00	16.93 1.31 0.00	18.14 1.47 0.00	17.32 1.46 0.00	19.94 1.49 -2.80	17.02 1.50 -0.31	22.76 1.59 -5.11	26.48 1.51 -9.98	27.27 2.04 -3.67	28.38 2.51 0.00	25.73 2.28 0.00	26.02 2.22 0.00	27.92 2.36 0.00	22.32 1.85 0.00	21.44 1.76 0.00	17.67 1.46 0.00	16.38 1.32 -0.29
RAVENSWOOD_GT3_2 24249	16.40 0.55 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.26 0.82 -2.68	17.41 1.08 0.00	17.31 1.11 -0.28	18.16 1.21 0.00	20.21 1.44 0.00	16.93 1.31 0.00	18.14 1.47 0.00	17.32 1.46 0.00	19.94 1.49 -2.80	17.02 1.50 -0.31	22.76 1.59 -5.11	26.48 1.51 -9.98	27.27 2.04 -3.67	28.38 2.51 0.00	25.73 2.28 0.00	26.02 2.22 0.00	27.92 2.36 0.00	22.32 1.85 0.00	21.44 1.76 0.00	17.67 1.46 0.00	16.38 1.32 -0.29
RAVENSWOOD_GT3_3 24250	16.41 0.56 -8.72	16.35 0.66 -7.08	15.56 1.02 -0.05	15.28 0.84 -2.68	17.43 1.11 0.00	17.34 1.14 -0.28	18.19 1.24 0.00	20.25 1.48 0.00	16.95 1.34 0.00	18.17 1.50 0.00	17.35 1.49 0.00	19.97 1.52 -2.80	17.05 1.53 -0.31	22.79 1.62 -5.11	26.51 1.54 -9.98	27.31 2.09 -3.67	28.43 2.57 0.00	25.77 2.33 0.00	26.07 2.27 0.00	27.97 2.41 0.00	22.35 1.89 0.00	21.48 1.80 0.00	17.71 1.49 0.00	16.41 1.35 -0.29
RAVENSWOOD_GT3_4 24251	16.41 0.56 -8.72	16.35 0.66 -7.08	15.56 1.02 -0.05	15.28 0.84 -2.68	17.43 1.11 0.00	17.34 1.14 -0.28	18.19 1.24 0.00	20.25 1.48 0.00	16.95 1.34 0.00	18.17 1.50 0.00	17.35 1.49 0.00	19.97 1.52 -2.80	17.05 1.53 -0.31	22.79 1.62 -5.11	26.51 1.54 -9.98	27.31 2.09 -3.67	28.43 2.57 0.00	25.77 2.33 0.00	26.07 2.27 0.00	27.97 2.41 0.00	22.35 1.89 0.00	21.48 1.80 0.00	17.71 1.49 0.00	16.41 1.35 -0.29
RAVENSWOOD_GT_1 23729	16.42 0.57 -8.72	16.35 0.67 -7.08	15.57 1.03 -0.05	15.29 0.85 -2.68	17.44 1.11 0.00	17.35 1.15 -0.28	18.22 1.26 0.00	20.28 1.51 0.00	16.99 1.38 0.00	18.22 1.55 0.00	17.40 1.54 0.00	20.02 1.56 -2.80	17.10 1.58 -0.31	22.84 1.67 -5.11	26.56 1.58 -9.98	27.37 2.15 -3.67	28.51 2.65 0.00	25.85 2.40 0.00	26.12 2.32 0.00	28.03 2.47 0.00	22.40 1.94 0.00	21.53 1.84 0.00	17.74 1.52 0.00	16.44 1.38 -0.29
RAVENSWOOD_GT_10 24258	16.40 0.55 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.26 0.82 -2.68	17.41 1.08 0.00	17.31 1.11 -0.28	18.16 1.21 0.00	20.21 1.44 0.00	16.93 1.31 0.00	18.14 1.47 0.00	17.32 1.46 0.00	19.94 1.49 -2.80	17.02 1.49 -0.31	22.76 1.59 -5.11	26.48 1.50 -9.98	27.27 2.04 -3.67	28.37 2.50 0.00	25.73 2.28 0.00	26.01 2.21 0.00	27.91 2.35 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.67 1.46 0.00	16.38 1.32 -0.29
RAVENSWOOD_GT_11 24259	16.40 0.55 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.26 0.82 -2.68	17.41 1.08 0.00	17.31 1.11 -0.28	18.16 1.21 0.00	20.21 1.44 0.00	16.93 1.31 0.00	18.14 1.47 0.00	17.32 1.46 0.00	19.94 1.49 -2.80	17.02 1.49 -0.31	22.76 1.59 -5.11	26.48 1.50 -9.98	27.27 2.04 -3.67	28.37 2.50 0.00	25.73 2.28 0.00	26.01 2.21 0.00	27.91 2.35 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.67 1.46 0.00	16.38 1.32 -0.29
RAVENSWOOD_GT_4 24252	16.40 0.55 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.27 0.83 -2.68	17.41 1.09 0.00	17.32 1.12 -0.28	18.16 1.21 0.00	20.21 1.44 0.00	16.92 1.30 0.00	18.13 1.46 0.00	17.31 1.46 0.00	19.94 1.49 -2.80	17.01 1.49 -0.31	22.75 1.58 -5.11	26.48 1.50 -9.98	27.27 2.04 -3.67	28.37 2.50 0.00	25.71 2.27 0.00	26.01 2.21 0.00	27.91 2.35 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.67 1.46 0.00	16.38 1.32 -0.29

RAVENSWOOD_GT_5 24254	16.40 0.55 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.27 0.83 -2.68	17.41 1.09 0.00	17.32 1.12 -0.28	18.16 1.21 0.00	20.21 1.44 0.00	16.92 1.30 0.00	18.13 1.46 0.00	17.31 1.46 0.00	19.94 1.49 -2.80	17.01 1.49 -0.31	22.75 1.58 -5.11	26.48 1.50 -9.98	27.27 2.04 -3.67	28.37 2.50 0.00	25.71 2.27 0.00	26.01 2.21 0.00	27.91 2.35 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.67 1.46 0.00	16.38 1.32 -0.29
RAVENSWOOD_GT_6 24253	16.40 0.55 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.27 0.83 -2.68	17.41 1.09 0.00	17.32 1.12 -0.28	18.16 1.21 0.00	20.21 1.44 0.00	16.92 1.30 0.00	18.13 1.46 0.00	17.31 1.46 0.00	19.94 1.49 -2.80	17.01 1.49 -0.31	22.75 1.58 -5.11	26.48 1.50 -9.98	27.27 2.04 -3.67	28.37 2.50 0.00	25.71 2.27 0.00	26.01 2.21 0.00	27.91 2.35 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.67 1.46 0.00	16.38 1.32 -0.29
RAVENSWOOD_GT_7 24255	16.40 0.55 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.27 0.83 -2.68	17.41 1.09 0.00	17.32 1.12 -0.28	18.16 1.21 0.00	20.21 1.44 0.00	16.92 1.30 0.00	18.13 1.46 0.00	17.31 1.46 0.00	19.94 1.49 -2.80	17.01 1.49 -0.31	22.75 1.58 -5.11	26.48 1.50 -9.98	27.27 2.04 -3.67	28.37 2.50 0.00	25.71 2.27 0.00	26.01 2.21 0.00	27.91 2.35 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.67 1.46 0.00	16.38 1.32 -0.29
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	16.40 0.55 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.26 0.82 -2.68	17.41 1.08 0.00	17.31 1.11 -0.28	18.16 1.21 0.00	20.21 1.44 0.00	16.93 1.31 0.00	18.14 1.47 0.00	17.32 1.46 0.00	19.94 1.49 -2.80	17.02 1.49 -0.31	22.76 1.59 -5.11	26.48 1.50 -9.98	27.27 2.04 -3.67	28.37 2.50 0.00	25.73 2.28 0.00	26.01 2.21 0.00	27.91 2.35 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.67 1.46 0.00	16.38 1.32 -0.29
RAVENSWOOD_GT_9 24257	16.40 0.55 -8.72	16.33 0.64 -7.08	15.54 0.99 -0.05	15.26 0.82 -2.68	17.41 1.08 0.00	17.31 1.11 -0.28	18.16 1.21 0.00	20.21 1.44 0.00	16.93 1.31 0.00	18.14 1.47 0.00	17.32 1.46 0.00	19.94 1.49 -2.80	17.02 1.49 -0.31	22.76 1.59 -5.11	26.48 1.50 -9.98	27.27 2.04 -3.67	28.37 2.50 0.00	25.73 2.28 0.00	26.01 2.21 0.00	27.91 2.35 0.00	22.31 1.85 0.00	21.44 1.76 0.00	17.67 1.46 0.00	16.38 1.32 -0.29
RAVENSWOOD___1 23533	16.41 0.56 -8.72	16.34 0.65 -7.08	15.55 1.01 -0.05	15.27 0.83 -2.68	17.41 1.09 0.00	17.33 1.13 -0.28	18.19 1.23 0.00	20.24 1.47 0.00	16.95 1.34 0.00	18.18 1.50 0.00	17.36 1.50 0.00	19.97 1.52 -2.80	17.07 1.54 -0.31	22.80 1.63 -5.11	26.52 1.55 -9.98	27.32 2.09 -3.67	28.44 2.58 0.00	25.79 2.34 0.00	26.06 2.27 0.00	27.97 2.41 0.00	22.35 1.90 0.00	21.48 1.80 0.00	17.70 1.48 0.00	16.41 1.35 -0.29
RAVENSWOOD___2 23534	16.41 0.56 -8.72	16.34 0.65 -7.08	15.55 1.01 -0.05	15.27 0.83 -2.68	17.41 1.09 0.00	17.33 1.13 -0.28	18.19 1.23 0.00	20.24 1.47 0.00	16.95 1.34 0.00	18.18 1.50 0.00	17.36 1.50 0.00	19.97 1.52 -2.80	17.07 1.54 -0.31	22.80 1.63 -5.11	26.52 1.55 -9.98	27.32 2.09 -3.67	28.44 2.58 0.00	25.79 2.34 0.00	26.06 2.27 0.00	27.97 2.41 0.00	22.35 1.90 0.00	21.48 1.80 0.00	17.70 1.48 0.00	16.41 1.35 -0.29
RAVENSWOOD___3 23535	16.40 0.55 -8.72	16.33 0.65 -7.08	15.54 1.00 -0.05	15.27 0.83 -2.68	17.41 1.08 0.00	17.32 1.12 -0.28	18.17 1.21 0.00	20.21 1.44 0.00	16.93 1.31 0.00	18.14 1.47 0.00	17.32 1.46 0.00	19.94 1.49 -2.80	17.02 1.50 -0.31	22.76 1.59 -5.11	26.48 1.51 -9.98	27.27 2.04 -3.67	28.38 2.52 0.00	25.73 2.28 0.00	26.02 2.22 0.00	27.92 2.36 0.00	22.32 1.86 0.00	21.45 1.76 0.00	17.68 1.46 0.00	16.39 1.32 -0.29
RAVENSWOOD___4 23820	16.41 0.56 -8.72	16.34 0.65 -7.08	15.55 1.01 -0.05	15.27 0.83 -2.68	17.41 1.09 0.00	17.33 1.13 -0.28	18.19 1.23 0.00	20.24 1.47 0.00	16.95 1.34 0.00	18.18 1.50 0.00	17.36 1.50 0.00	19.97 1.52 -2.80	17.07 1.54 -0.31	22.80 1.63 -5.11	26.52 1.55 -9.98	27.32 2.09 -3.67	28.44 2.58 0.00	25.79 2.34 0.00	26.06 2.27 0.00	27.97 2.41 0.00	22.35 1.90 0.00	21.48 1.80 0.00	17.70 1.48 0.00	16.41 1.35 -0.29
RCPL_TRUST___DRP 24196	16.41 0.56 -8.72	16.34 0.66 -7.08	15.56 1.02 -0.05	15.28 0.84 -2.67	17.44 1.12 0.00	17.35 1.15 -0.28	18.20 1.25 0.00	20.26 1.49 0.00	16.97 1.35 0.00	18.19 1.52 0.00	17.37 1.51 0.00	20.00 1.55 -2.80	17.07 1.55 -0.31	22.83 1.66 -5.11	26.54 1.56 -9.98	27.35 2.13 -3.67	28.47 2.61 0.00	25.80 2.35 0.00	26.09 2.30 0.00	28.01 2.45 0.00	22.38 1.92 0.00	21.50 1.82 0.00	17.72 1.51 0.00	16.42 1.36 -0.29
RED___ROCHESTER 323720	8.14 -0.07 -1.07	9.38 -0.09 -0.87	14.31 -0.19 -0.01	12.03 -0.07 -0.33	16.16 -0.16 0.00	15.79 -0.17 -0.03	16.95 0.00 0.00	18.49 -0.27 0.00	15.43 -0.19 0.00	16.49 -0.19 0.00	15.64 -0.21 0.00	15.53 -0.13 0.00	15.08 -0.13 0.00	15.88 -0.18 0.00	14.75 -0.24 0.00	21.14 -0.41 0.00	25.37 -0.49 0.00	22.90 -0.54 0.00	23.32 -0.47 0.00	25.07 -0.49 0.00	20.16 -0.30 0.00	19.46 -0.22 0.00	15.96 -0.26 0.00	14.39 -0.35 0.03
REGAN___SOLAR 323812	21.15 0.61 -13.40	20.21 0.72 -10.88	15.76 1.19 -0.07	16.86 0.99 -4.11	17.75 1.43 0.00	17.75 1.40 -0.43	18.55 1.60 0.00	20.65 1.88 0.00	17.04 1.42 0.00	18.07 1.40 0.00	17.07 1.21 0.00	16.57 1.18 0.26	16.29 1.11 0.03	16.48 0.91 0.48	14.69 0.66 0.96	22.15 0.93 0.34	27.48 1.62 0.00	25.25 1.80 0.00	25.74 1.95 0.00	28.05 2.49 0.00	22.47 2.01 0.00	21.64 1.95 -0.01	17.73 1.51 0.00	16.52 1.32 -0.43
RENSSELAER___COGEN 23796	18.65 0.15 -11.37	18.01 0.17 -9.23	14.84 0.28 -0.06	15.50 0.25 -3.49	16.65 0.33 0.00	16.55 0.27 -0.36	17.15 0.20 0.00	19.03 0.25 0.00	15.85 0.23 0.00	16.86 0.19 0.00	16.04 0.18 0.00	15.57 0.18 0.27	15.37 0.18 0.03	15.79 0.22 0.49	14.24 0.24 1.00	21.56 0.35 0.35	26.26 0.40 0.00	23.81 0.36 0.00	24.14 0.34 0.00	25.98 0.42 0.00	20.80 0.35 0.00	20.03 0.35 -0.01	16.52 0.30 0.00	15.44 0.31 -0.36
REPUBLIC_115KV_BARTNBRK 55605	19.50 0.50 -11.87	18.76 0.52 -9.63	15.41 0.85 -0.06	16.18 0.78 -3.64	17.34 1.02 0.00	17.34 1.04 -0.38	18.00 1.04 0.00	19.90 1.13 0.00	16.39 0.77 0.00	17.25 0.58 0.00	16.44 0.58 0.00	15.96 0.57 0.27	15.79 0.61 0.03	16.34 0.77 0.49	14.69 0.69 0.99	22.63 1.42 0.35	27.38 1.52 0.00	24.95 1.50 0.00	25.43 1.63 0.00	27.51 1.95 0.00	22.04 1.58 0.00	21.10 1.41 -0.01	17.45 1.23 0.00	16.23 1.08 -0.38
REVERE_CPPR_DRP 24186	7.33 0.08 -0.12	8.46 0.09 0.24	14.64 0.14 0.00	11.89 0.20 0.07	16.67 0.34 0.00	16.24 0.30 -0.02	17.30 0.34 0.00	19.11 0.34 0.00	15.88 0.26 0.00	16.93 0.26 0.00	16.10 0.25 0.00	15.90 0.25 0.00	15.40 0.18 0.00	16.29 0.24 0.00	15.20 0.21 0.00	21.78 0.23 0.00	26.29 0.42 0.00	23.83 0.38 0.00	24.36 0.56 0.00	26.25 0.69 0.00	20.96 0.50 0.00	20.07 0.39 0.00	16.46 0.25 0.00	15.07 0.28 -0.02

REYNOLDS_115KV_TB3 80639	18.75 0.21 -11.40	18.11 0.25 -9.26	14.97 0.41 -0.06	15.61 0.35 -3.50	16.80 0.47 0.00	16.69 0.41 -0.36	17.27 0.32 0.00	19.16 0.40 0.00	15.97 0.35 0.00	16.97 0.30 0.00	16.15 0.29 0.00	15.71 0.29 0.24	15.49 0.30 0.03	15.97 0.34 0.43	14.46 0.35 0.89	21.79 0.54 0.31	26.49 0.62 0.00	23.99 0.55 0.00	24.33 0.53 0.00	26.18 0.62 0.00	20.95 0.49 0.00	20.20 0.52 -0.01	16.65 0.43 0.00	15.55 0.42 -0.36
RIVERBAY____ 323610	16.42 0.57 -8.72	16.39 0.70 -7.08	15.60 1.05 -0.05	15.31 0.87 -2.68	17.50 1.17 0.00	17.35 1.15 -0.28	18.22 1.27 0.00	20.31 1.54 0.00	17.01 1.39 0.00	18.22 1.55 0.00	17.40 1.55 0.00	19.99 1.54 -2.80	17.05 1.53 -0.31	22.78 1.61 -5.11	26.47 1.49 -9.98	27.20 1.97 -3.67	28.34 2.48 0.00	25.68 2.24 0.00	25.97 2.17 0.00	27.96 2.40 0.00	22.34 1.88 0.00	21.49 1.81 0.00	17.70 1.48 0.00	16.40 1.34 -0.29
RIVERSDE_115KV_TB3 55908	18.71 0.17 -11.40	18.07 0.21 -9.26	14.90 0.34 -0.06	15.56 0.29 -3.50	16.72 0.39 0.00	16.62 0.33 -0.36	17.21 0.25 0.00	19.09 0.32 0.00	15.91 0.29 0.00	16.92 0.25 0.00	16.10 0.24 0.00	15.64 0.24 0.25	15.44 0.25 0.03	15.88 0.29 0.47	14.35 0.31 0.96	21.69 0.47 0.33	26.40 0.53 0.00	23.92 0.47 0.00	24.25 0.45 0.00	26.09 0.54 0.00	20.89 0.43 0.00	20.12 0.44 -0.01	16.59 0.37 0.00	15.50 0.37 -0.36
ROARING____BROOK_WT_PWR 323790	-12.34 -0.35 19.12	-26.36 -0.44 34.54	13.84 -0.66 0.00	-0.56 -0.44 11.89	15.92 -0.40 0.00	15.52 -0.40 0.00	16.31 -0.64 0.00	18.11 -0.66 0.00	15.23 -0.39 0.00	16.40 -0.27 0.00	15.58 -0.28 0.00	15.31 -0.35 0.00	14.73 -0.48 0.00	15.47 -0.59 0.00	14.43 -0.56 0.00	20.78 -0.78 0.00	25.04 -0.83 0.00	22.80 -0.65 0.00	23.19 -0.61 0.00	24.96 -0.60 0.00	19.77 -0.69 0.00	18.72 -0.96 0.00	15.40 -0.81 0.00	14.31 -0.46 0.00
ROCHESRG_115KV_T4 355643	8.06 -0.14 -1.07	9.30 -0.18 -0.87	14.18 -0.33 -0.01	11.93 -0.16 -0.33	16.02 -0.30 0.00	15.63 -0.32 -0.03	16.78 -0.17 0.00	18.30 -0.48 0.00	15.26 -0.36 0.00	16.31 -0.36 0.00	15.47 -0.39 0.00	15.34 -0.31 0.00	14.90 -0.31 0.00	15.66 -0.39 0.00	14.56 -0.43 0.00	20.88 -0.68 0.00	25.05 -0.82 0.00	22.59 -0.85 0.00	23.00 -0.79 0.00	24.73 -0.83 0.00	19.90 -0.56 0.00	19.21 -0.47 0.00	15.76 -0.45 0.00	14.23 -0.51 0.03
ROCHESTER_9_IC 23652	8.10 -0.10 -1.07	9.34 -0.13 -0.87	14.25 -0.25 -0.01	11.99 -0.11 -0.33	16.09 -0.23 0.00	15.72 -0.24 -0.03	16.87 -0.08 0.00	18.40 -0.37 0.00	15.35 -0.27 0.00	16.40 -0.27 0.00	15.57 -0.29 0.00	15.43 -0.22 0.00	14.99 -0.22 0.00	15.76 -0.29 0.00	14.66 -0.33 0.00	21.01 -0.55 0.00	25.22 -0.65 0.00	22.75 -0.69 0.00	23.17 -0.63 0.00	24.91 -0.65 0.00	20.04 -0.42 0.00	19.33 -0.34 0.00	15.86 -0.36 0.00	14.32 -0.42 0.03
ROCKVIEW_13_KV_LD 356306	16.41 0.55 -8.72	16.33 0.64 -7.08	15.55 1.01 -0.05	15.26 0.82 -2.68	17.42 1.10 0.00	17.33 1.13 -0.28	18.18 1.23 0.00	20.23 1.46 0.00	16.93 1.31 0.00	18.12 1.45 0.00	17.30 1.44 0.00	19.93 1.47 -2.80	17.01 1.48 -0.31	22.77 1.60 -5.11	26.49 1.51 -9.98	27.28 2.06 -3.67	28.37 2.50 0.00	25.73 2.29 0.00	26.03 2.23 0.00	27.93 2.37 0.00	22.33 1.87 0.00	21.47 1.78 0.00	17.68 1.46 0.00	16.38 1.32 -0.29
ROME____115KV_TB2 80656	7.33 0.08 -0.12	8.46 0.09 0.24	14.64 0.14 0.00	11.89 0.20 0.07	16.67 0.34 0.00	16.24 0.30 -0.02	17.30 0.34 0.00	19.11 0.34 0.00	15.88 0.26 0.00	16.93 0.26 0.00	16.10 0.25 0.00	15.90 0.25 0.00	15.40 0.18 0.00	16.29 0.24 0.00	15.20 0.21 0.00	21.78 0.23 0.00	26.29 0.42 0.00	23.83 0.38 0.00	24.36 0.56 0.00	26.25 0.69 0.00	20.96 0.50 0.00	20.07 0.39 0.00	16.46 0.25 0.00	15.07 0.28 -0.02
ROSETON____1 23587	16.12 0.47 -8.51	16.07 0.56 -6.91	15.41 0.86 -0.04	15.09 0.71 -2.61	17.27 0.95 0.00	17.17 0.98 -0.27	18.01 1.05 0.00	20.00 1.23 0.00	16.72 1.10 0.00	17.87 1.20 0.00	17.04 1.18 0.00	19.54 1.20 -2.68	16.72 1.21 -0.30	22.26 1.30 -4.90	25.80 1.23 -9.58	26.72 1.65 -3.52	27.88 2.02 0.00	25.30 1.85 0.00	25.61 1.81 0.00	27.48 1.93 0.00	21.98 1.53 0.00	21.14 1.46 0.00	17.41 1.19 0.00	16.14 1.09 -0.28
ROSETON____2 23588	16.12 0.47 -8.51	16.07 0.56 -6.91	15.41 0.86 -0.04	15.09 0.71 -2.61	17.27 0.95 0.00	17.17 0.98 -0.27	18.01 1.05 0.00	20.00 1.23 0.00	16.72 1.10 0.00	17.87 1.20 0.00	17.04 1.18 0.00	19.54 1.20 -2.68	16.72 1.21 -0.30	22.26 1.30 -4.90	25.80 1.23 -9.58	26.72 1.65 -3.52	27.88 2.02 0.00	25.30 1.85 0.00	25.61 1.81 0.00	27.48 1.93 0.00	21.98 1.53 0.00	21.14 1.46 0.00	17.41 1.19 0.00	16.14 1.09 -0.28
ROTTSDAM_115KV_TB3 80664	19.44 0.27 -12.04	18.70 0.31 -9.77	15.08 0.52 -0.06	15.90 0.44 -3.70	16.91 0.59 0.00	16.86 0.55 -0.38	17.51 0.56 0.00	19.41 0.64 0.00	16.16 0.54 0.00	17.19 0.52 0.00	16.34 0.48 0.00	15.82 0.48 0.32	15.66 0.48 0.04	16.02 0.54 0.58	14.35 0.52 1.17	21.96 0.81 0.42	26.86 1.00 0.00	24.38 0.94 0.00	24.74 0.94 0.00	26.61 1.05 0.00	21.31 0.85 0.00	20.52 0.83 -0.01	16.88 0.66 0.00	15.74 0.59 -0.38
RUSSELL____1 23602	8.14 -0.07 -1.07	9.38 -0.10 -0.87	14.31 -0.19 -0.01	12.03 -0.06 -0.33	16.16 -0.16 0.00	15.79 -0.16 -0.03	16.95 0.00 0.00	18.49 -0.28 0.00	15.43 -0.19 0.00	16.49 -0.18 0.00	15.64 -0.22 0.00	15.52 -0.14 0.00	15.07 -0.14 0.00	15.85 -0.20 0.00	14.74 -0.25 0.00	21.13 -0.42 0.00	25.37 -0.50 0.00	22.90 -0.54 0.00	23.32 -0.47 0.00	25.07 -0.49 0.00	20.17 -0.29 0.00	19.46 -0.22 0.00	15.96 -0.26 0.00	14.40 -0.34 0.03
RUSSELL____2 23532	8.14 -0.07 -1.07	9.38 -0.10 -0.87	14.31 -0.19 -0.01	12.03 -0.06 -0.33	16.16 -0.16 0.00	15.79 -0.16 -0.03	16.95 0.00 0.00	18.49 -0.28 0.00	15.43 -0.19 0.00	16.49 -0.18 0.00	15.64 -0.22 0.00	15.52 -0.14 0.00	15.07 -0.14 0.00	15.85 -0.20 0.00	14.74 -0.25 0.00	21.13 -0.42 0.00	25.37 -0.50 0.00	22.90 -0.54 0.00	23.32 -0.47 0.00	25.07 -0.49 0.00	20.17 -0.29 0.00	19.46 -0.22 0.00	15.96 -0.26 0.00	14.40 -0.34 0.03
RUSSELL____3 23549	8.14 -0.07 -1.07	9.38 -0.10 -0.87	14.31 -0.19 -0.01	12.03 -0.06 -0.33	16.16 -0.16 0.00	15.79 -0.16 -0.03	16.95 0.00 0.00	18.49 -0.28 0.00	15.43 -0.19 0.00	16.49 -0.18 0.00	15.64 -0.22 0.00	15.52 -0.14 0.00	15.07 -0.14 0.00	15.85 -0.20 0.00	14.74 -0.25 0.00	21.13 -0.42 0.00	25.37 -0.50 0.00	22.90 -0.54 0.00	23.32 -0.47 0.00	25.07 -0.49 0.00	20.17 -0.29 0.00	19.46 -0.22 0.00	15.96 -0.26 0.00	14.40 -0.34 0.03
RUSSELL____4 23556	8.14 -0.07 -1.07	9.38 -0.10 -0.87	14.31 -0.19 -0.01	12.03 -0.06 -0.33	16.16 -0.16 0.00	15.79 -0.16 -0.03	16.95 0.00 0.00	18.49 -0.28 0.00	15.43 -0.19 0.00	16.49 -0.18 0.00	15.64 -0.22 0.00	15.52 -0.14 0.00	15.07 -0.14 0.00	15.85 -0.20 0.00	14.74 -0.25 0.00	21.13 -0.42 0.00	25.37 -0.50 0.00	22.90 -0.54 0.00	23.32 -0.47 0.00	25.07 -0.49 0.00	20.17 -0.29 0.00	19.46 -0.22 0.00	15.96 -0.26 0.00	14.40 -0.34 0.03

RUSSELL___STATION 23914	8.14 -0.07 -1.07	9.38 -0.10 -0.87	14.31 -0.19 -0.01	12.03 -0.06 -0.33	16.16 -0.16 0.00	15.79 -0.16 -0.03	16.95 0.00 0.00	18.49 -0.28 0.00	15.43 -0.19 0.00	16.49 -0.18 0.00	15.64 -0.22 0.00	15.52 -0.14 0.00	15.07 -0.14 0.00	15.85 -0.20 0.00	14.74 -0.25 0.00	21.13 -0.42 0.00	25.37 -0.50 0.00	22.90 -0.54 0.00	23.32 -0.47 0.00	25.07 -0.49 0.00	20.17 -0.29 0.00	19.46 -0.22 0.00	15.96 -0.26 0.00	14.40 -0.34 0.03
S SALMON___HYD 24043	6.80 -0.25 0.07	7.47 -0.31 0.82	13.99 -0.52 0.00	11.22 -0.29 0.26	15.97 -0.36 0.00	15.59 -0.36 -0.02	16.56 -0.40 0.00	18.26 -0.51 0.00	15.20 -0.42 0.00	16.21 -0.46 0.00	15.43 -0.43 0.00	15.27 -0.38 0.00	14.78 -0.43 0.00	15.56 -0.49 0.00	14.52 -0.47 0.00	20.80 -0.76 0.00	25.04 -0.83 0.00	22.73 -0.72 0.00	23.22 -0.57 0.00	25.02 -0.54 0.00	20.05 -0.42 0.00	19.13 -0.55 0.00	15.72 -0.50 0.00	14.48 -0.32 -0.02
S.PERRY__115KV_TB1 80734	8.67 0.09 -1.44	9.90 0.12 -1.17	14.69 0.19 -0.01	12.48 0.27 -0.44	16.60 0.28 0.00	16.26 0.29 -0.05	17.54 0.58 0.00	19.07 0.30 0.00	15.75 0.14 0.00	16.82 0.15 0.00	15.93 0.07 0.00	15.78 0.12 0.00	15.32 0.11 0.00	16.13 0.08 0.00	14.99 -0.01 0.00	21.42 -0.14 0.00	25.74 -0.13 0.00	23.23 -0.22 0.00	23.85 0.05 0.00	25.77 0.21 0.00	20.88 0.42 0.00	20.19 0.51 0.00	16.50 0.29 0.00	14.98 0.13 -0.07
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	8.29 -0.18 -1.34	9.49 -0.21 -1.09	14.14 -0.37 -0.01	12.03 -0.15 -0.41	16.01 -0.31 0.00	15.56 -0.40 -0.04	16.77 -0.19 0.00	18.11 -0.66 0.00	15.14 -0.48 0.00	16.20 -0.47 0.00	15.35 -0.51 0.00	15.23 -0.42 0.00	14.78 -0.43 0.00	15.48 -0.57 0.00	14.36 -0.63 0.00	20.54 -1.02 0.00	24.60 -1.27 0.00	22.07 -1.38 0.00	22.46 -1.34 0.00	24.15 -1.41 0.00	19.50 -0.96 0.00	18.89 -0.79 0.00	15.51 -0.71 0.00	14.00 -0.76 0.00
SAWYER__23_KV_LOAD 55526	8.29 -0.18 -1.34	9.49 -0.21 -1.09	14.14 -0.37 -0.01	12.03 -0.15 -0.41	16.01 -0.31 0.00	15.56 -0.40 -0.04	16.77 -0.19 0.00	18.11 -0.66 0.00	15.14 -0.48 0.00	16.20 -0.47 0.00	15.35 -0.51 0.00	15.23 -0.42 0.00	14.78 -0.43 0.00	15.48 -0.57 0.00	14.36 -0.63 0.00	20.54 -1.02 0.00	24.60 -1.27 0.00	22.07 -1.38 0.00	22.46 -1.34 0.00	24.15 -1.41 0.00	19.50 -0.96 0.00	18.89 -0.79 0.00	15.51 -0.71 0.00	14.00 -0.76 0.00
SELKIRK___I 23801	18.45 0.20 -11.12	17.88 0.25 -9.03	14.96 0.41 -0.06	15.53 0.35 -3.41	16.80 0.47 0.00	16.69 0.41 -0.35	17.31 0.36 0.00	19.17 0.40 0.00	15.95 0.33 0.00	16.96 0.29 0.00	16.11 0.25 0.00	15.70 0.22 0.17	15.41 0.21 0.02	15.98 0.24 0.32	14.60 0.25 0.65	21.74 0.41 0.23	26.35 0.48 0.00	23.88 0.44 0.00	24.24 0.44 0.00	26.11 0.55 0.00	20.90 0.44 0.00	20.13 0.44 -0.01	16.58 0.36 0.00	15.50 0.37 -0.35
SELKIRK___II 23799	18.61 0.18 -11.31	18.00 0.22 -9.18	14.91 0.35 -0.06	15.54 0.30 -3.47	16.73 0.41 0.00	16.63 0.36 -0.36	17.26 0.30 0.00	19.13 0.36 0.00	15.94 0.32 0.00	16.96 0.29 0.00	16.11 0.25 0.00	15.55 0.21 0.32	15.36 0.18 0.04	15.68 0.20 0.58	14.05 0.22 1.16	21.48 0.33 0.41	26.23 0.37 0.00	23.77 0.33 0.00	24.11 0.32 0.00	25.96 0.40 0.00	20.79 0.34 0.00	20.02 0.34 -0.01	16.50 0.28 0.00	15.45 0.32 -0.36
SENECA OSWGO___HYD 24041	7.71 -0.20 -0.77	8.99 -0.24 -0.63	14.10 -0.41 0.00	11.72 -0.28 -0.24	15.91 -0.41 0.00	15.54 -0.40 -0.03	16.55 -0.41 0.00	18.25 -0.52 0.00	15.18 -0.44 0.00	16.20 -0.47 0.00	15.41 -0.45 0.00	15.25 -0.40 0.00	14.81 -0.41 0.00	15.65 -0.41 0.00	14.59 -0.41 0.00	20.93 -0.63 0.00	25.33 -0.54 0.00	22.86 -0.58 0.00	23.25 -0.55 0.00	24.99 -0.57 0.00	20.03 -0.43 0.00	19.26 -0.42 0.00	15.82 -0.40 0.00	14.41 -0.38 -0.03
SENECA___115KV_TB3 355854	8.43 -0.09 -1.39	9.65 -0.09 -1.13	14.34 -0.16 -0.01	12.21 0.02 -0.43	16.26 -0.07 0.00	15.80 -0.16 -0.04	17.04 0.08 0.00	18.44 -0.33 0.00	15.42 -0.19 0.00	16.51 -0.16 0.00	15.65 -0.21 0.00	15.53 -0.12 0.00	15.07 -0.14 0.00	15.81 -0.25 0.00	14.66 -0.33 0.00	20.95 -0.60 0.00	25.09 -0.77 0.00	22.52 -0.93 0.00	22.92 -0.88 0.00	24.65 -0.91 0.00	19.89 -0.57 0.00	19.26 -0.42 0.00	15.80 -0.42 0.00	14.26 -0.51 0.00
SENECA___ENERGY 23797	8.21 -0.06 -1.14	9.46 -0.07 -0.92	14.36 -0.15 -0.01	12.03 -0.08 -0.35	16.20 -0.13 0.00	15.84 -0.12 -0.04	17.02 0.07 0.00	18.69 -0.08 0.00	15.55 -0.07 0.00	16.59 -0.08 0.00	15.75 -0.11 0.00	15.57 -0.09 0.00	15.22 0.01 0.00	15.96 -0.09 0.00	14.88 -0.13 -0.02	21.32 -0.24 0.00	25.62 -0.24 0.00	23.15 -0.30 0.00	23.62 -0.18 0.00	25.42 -0.14 0.00	20.41 -0.05 0.00	19.64 -0.04 0.00	16.10 -0.11 0.00	14.88 -0.14 -0.25
SHOEMAKER___GT 23640	15.03 0.42 -7.48	15.17 0.49 -6.07	15.30 0.77 -0.04	14.70 0.64 -2.30	17.16 0.83 0.00	17.04 0.88 -0.24	17.91 0.95 0.00	19.86 1.09 0.00	16.56 0.94 0.00	17.69 1.01 0.00	16.85 0.99 0.00	18.84 1.00 -2.18	16.46 1.00 -0.24	21.13 1.09 -3.98	23.81 1.04 -7.78	25.82 1.40 -2.86	27.61 1.74 0.00	25.05 1.61 0.00	25.39 1.59 0.00	27.27 1.71 0.00	21.83 1.37 0.00	21.00 1.32 0.00	17.28 1.07 0.00	15.99 0.96 -0.25
SHOEMAKR_138KV_BK 111 55601	14.96 0.42 -7.41	15.11 0.49 -6.01	15.30 0.76 -0.04	14.67 0.63 -2.27	17.16 0.84 0.00	17.03 0.87 -0.24	17.90 0.94 0.00	19.86 1.09 0.00	16.56 0.95 0.00	17.69 1.02 0.00	16.86 1.00 0.00	18.82 1.02 -2.14	16.47 1.02 -0.24	21.08 1.11 -3.92	23.70 1.06 -7.65	25.79 1.42 -2.81	27.62 1.76 0.00	25.06 1.61 0.00	25.39 1.59 0.00	27.26 1.71 0.00	21.82 1.36 0.00	20.99 1.31 0.00	17.28 1.06 0.00	15.98 0.96 -0.25
SHOREHAM_IC_1 23715	16.48 0.62 -8.72	16.42 0.74 -7.08	15.64 1.09 -0.05	15.35 0.91 -2.68	17.54 1.21 0.00	17.41 1.21 -0.28	18.25 1.30 0.00	20.38 1.61 0.00	16.92 1.30 0.00	18.71 1.51 -0.53	25.68 1.63 -8.19	26.31 1.61 -9.04	26.71 1.57 -9.93	37.10 1.69 -19.35	27.77 1.55 -11.23	27.97 2.18 -4.23	28.80 2.64 -0.30	28.37 2.58 -2.34	26.24 2.44 0.00	28.05 2.49 0.00	22.53 2.07 0.00	21.84 2.15 0.00	17.92 1.71 0.00	16.48 1.41 -0.29
SHOREHAM_IC_2 23716	16.48 0.62 -8.72	16.42 0.74 -7.08	15.64 1.09 -0.05	15.35 0.91 -2.68	17.54 1.21 0.00	17.41 1.21 -0.28	18.25 1.30 0.00	20.38 1.61 0.00	16.92 1.30 0.00	18.71 1.51 -0.53	25.68 1.63 -8.19	26.31 1.61 -9.04	26.71 1.57 -9.93	37.10 1.69 -19.35	27.77 1.55 -11.23	27.97 2.18 -4.23	28.80 2.64 -0.30	28.37 2.58 -2.34	26.24 2.44 0.00	28.05 2.49 0.00	22.53 2.07 0.00	21.84 2.15 0.00	17.92 1.71 0.00	16.48 1.41 -0.29
SISSONVILLE___ 23735	-1.31 -0.40 8.04	-6.43 -0.51 14.52	14.13 -0.86 -0.48	9.02 -0.70 2.05	15.48 -0.84 0.00	15.12 -0.80 0.00	16.06 -0.90 0.00	17.85 -0.92 0.00	14.77 -0.85 0.00	15.79 -0.88 0.00	15.02 -0.84 0.00	14.78 -0.88 0.00	14.32 -0.89 0.00	15.07 -0.99 0.00	14.11 -0.88 0.00	20.34 -1.22 0.00	24.43 -1.43 0.00	22.24 -1.21 0.00	22.61 -1.19 0.00	24.32 -1.24 0.00	19.42 -1.04 0.00	18.55 -1.13 0.00	15.30 -0.92 0.00	13.97 -0.80 0.00

SITHE_IND_GS1 24169	7.56 -0.24 -0.67	8.86 -0.29 -0.54	14.00 -0.50 0.00	11.60 -0.37 -0.20	15.80 -0.53 0.00	15.42 -0.53 -0.02	16.46 -0.49 0.00	18.15 -0.62 0.00	15.12 -0.50 0.00	16.14 -0.53 0.00	15.34 -0.52 0.00	15.17 -0.49 0.00	14.73 -0.48 0.00	15.56 -0.50 0.00	14.50 -0.49 0.00	20.82 -0.74 0.00	25.01 -0.86 0.00	22.64 -0.81 0.00	23.02 -0.78 0.00	24.73 -0.82 0.00	19.82 -0.64 0.00	19.07 -0.61 0.00	15.68 -0.54 0.00	14.28 -0.51 -0.02
SITHE_IND_GS2 24170	7.56 -0.24 -0.67	8.86 -0.29 -0.54	14.00 -0.50 0.00	11.60 -0.37 -0.20	15.80 -0.53 0.00	15.42 -0.53 -0.02	16.46 -0.49 0.00	18.15 -0.62 0.00	15.12 -0.50 0.00	16.14 -0.53 0.00	15.34 -0.52 0.00	15.17 -0.49 0.00	14.73 -0.48 0.00	15.56 -0.50 0.00	14.50 -0.49 0.00	20.82 -0.74 0.00	25.01 -0.86 0.00	22.64 -0.81 0.00	23.02 -0.78 0.00	24.73 -0.82 0.00	19.82 -0.64 0.00	19.07 -0.61 0.00	15.68 -0.54 0.00	14.28 -0.51 -0.02
SITHE_IND_GS3 24171	7.56 -0.24 -0.67	8.86 -0.29 -0.54	14.00 -0.50 0.00	11.60 -0.37 -0.20	15.80 -0.53 0.00	15.42 -0.53 -0.02	16.46 -0.49 0.00	18.15 -0.62 0.00	15.12 -0.50 0.00	16.14 -0.53 0.00	15.34 -0.52 0.00	15.17 -0.49 0.00	14.73 -0.48 0.00	15.56 -0.50 0.00	14.50 -0.49 0.00	20.82 -0.74 0.00	25.01 -0.86 0.00	22.64 -0.81 0.00	23.02 -0.78 0.00	24.73 -0.82 0.00	19.82 -0.64 0.00	19.07 -0.61 0.00	15.68 -0.54 0.00	14.28 -0.51 -0.02
SITHE_IND_GS4 24172	7.56 -0.24 -0.67	8.86 -0.29 -0.54	14.00 -0.50 0.00	11.60 -0.37 -0.20	15.80 -0.53 0.00	15.42 -0.53 -0.02	16.46 -0.49 0.00	18.15 -0.62 0.00	15.12 -0.50 0.00	16.14 -0.53 0.00	15.34 -0.52 0.00	15.17 -0.49 0.00	14.73 -0.48 0.00	15.56 -0.50 0.00	14.50 -0.49 0.00	20.82 -0.74 0.00	25.01 -0.86 0.00	22.64 -0.81 0.00	23.02 -0.78 0.00	24.73 -0.82 0.00	19.82 -0.64 0.00	19.07 -0.61 0.00	15.68 -0.54 0.00	14.28 -0.51 -0.02
SITHE___BATAVIA 24024	8.31 -0.02 -1.20	9.54 -0.04 -0.97	14.41 -0.09 -0.01	12.17 0.04 -0.37	16.31 -0.02 0.00	15.86 -0.11 -0.04	17.07 0.12 0.00	18.47 -0.30 0.00	15.40 -0.22 0.00	16.45 -0.22 0.00	15.58 -0.28 0.00	15.43 -0.22 0.00	14.96 -0.25 0.00	15.70 -0.35 0.00	14.57 -0.43 0.00	20.82 -0.74 0.00	24.97 -0.90 0.00	22.56 -0.89 0.00	23.05 -0.75 0.00	24.80 -0.76 0.00	20.03 -0.43 0.00	19.36 -0.32 0.00	15.87 -0.35 0.00	14.28 -0.47 0.02
SITHE___INDEPEND 23800	7.56 -0.24 -0.67	8.86 -0.29 -0.54	14.00 -0.51 0.00	11.60 -0.37 -0.20	15.80 -0.53 0.00	15.42 -0.53 -0.02	16.46 -0.49 0.00	18.15 -0.62 0.00	15.12 -0.50 0.00	16.14 -0.53 0.00	15.34 -0.52 0.00	15.16 -0.49 0.00	14.73 -0.49 0.00	15.55 -0.51 0.00	14.50 -0.49 0.00	20.82 -0.74 0.00	25.01 -0.86 0.00	22.64 -0.81 0.00	23.02 -0.78 0.00	24.74 -0.82 0.00	19.82 -0.63 0.00	19.07 -0.61 0.00	15.67 -0.54 0.00	14.28 -0.51 -0.02
SITHE___MASSENA 23902	-2.74 -0.15 9.72	-9.16 -0.20 17.56	14.33 -0.35 -0.18	6.51 -0.32 4.94	15.94 -0.39 0.00	15.57 -0.35 0.00	16.56 -0.39 0.00	18.37 -0.40 0.00	15.22 -0.39 0.00	16.28 -0.40 0.00	15.47 -0.39 0.00	15.23 -0.43 0.00	14.79 -0.43 0.00	15.58 -0.48 0.00	14.59 -0.40 0.00	21.04 -0.52 0.00	25.22 -0.65 0.00	22.90 -0.55 0.00	23.22 -0.57 0.00	24.94 -0.62 0.00	19.94 -0.52 0.00	19.14 -0.54 0.00	15.80 -0.41 0.00	14.39 -0.39 0.00
SITHE___OGDNSBRG 24021	-1.73 -0.17 8.69	-7.32 -0.23 15.70	14.48 -0.38 -0.36	8.26 -0.34 3.17	15.93 -0.39 0.00	15.57 -0.35 0.00	16.56 -0.39 0.00	18.35 -0.42 0.00	15.17 -0.45 0.00	16.23 -0.45 0.00	15.43 -0.43 0.00	15.17 -0.49 0.00	14.72 -0.49 0.00	15.51 -0.55 0.00	14.54 -0.45 0.00	20.95 -0.61 0.00	25.15 -0.72 0.00	22.88 -0.57 0.00	23.24 -0.56 0.00	24.98 -0.58 0.00	19.98 -0.48 0.00	19.15 -0.53 0.00	15.79 -0.43 0.00	14.37 -0.40 0.00
SITHE___STERLING 23777	7.74 0.07 -0.53	9.12 0.09 -0.43	14.62 0.12 0.00	12.08 0.15 -0.17	16.58 0.26 0.00	16.17 0.23 -0.02	17.25 0.30 0.00	19.05 0.28 0.00	15.81 0.19 0.00	16.87 0.20 0.00	16.04 0.18 0.00	15.85 0.19 0.00	15.37 0.15 0.00	16.26 0.21 0.00	15.16 0.17 0.00	21.74 0.19 0.00	26.19 0.32 0.00	23.72 0.28 0.00	24.21 0.41 0.00	26.09 0.53 0.00	20.86 0.40 0.00	20.03 0.35 0.00	16.44 0.22 0.00	15.00 0.21 -0.02
SLEIGHT__34_KV_TB1 80719	8.25 0.04 -1.07	9.52 0.04 -0.87	14.55 0.04 -0.01	12.16 0.07 -0.33	16.41 0.09 0.00	16.04 0.08 -0.03	17.25 0.30 0.00	18.94 0.16 0.00	15.75 0.14 0.00	16.88 0.20 0.00	16.00 0.14 0.00	15.82 0.16 0.00	15.36 0.15 0.00	16.19 0.14 0.00	15.09 0.09 0.00	21.69 0.13 0.00	26.04 0.17 0.00	23.56 0.11 0.00	24.07 0.27 0.00	25.80 0.24 0.00	20.75 0.28 0.00	19.92 0.24 0.00	16.33 0.11 0.00	14.86 0.05 -0.04
SOUTH CAIRO___GT 23612	17.97 0.33 -10.51	17.52 0.38 -8.53	15.22 0.66 -0.05	15.54 0.55 -3.23	17.07 0.75 0.00	16.99 0.73 -0.33	17.66 0.71 0.00	19.56 0.79 0.00	16.19 0.57 0.00	17.09 0.42 0.00	16.18 0.32 0.00	16.32 0.30 -0.37	15.53 0.27 -0.04	17.11 0.37 -0.68	16.76 0.46 -1.30	22.72 0.67 -0.49	26.65 0.78 0.00	24.27 0.82 0.00	24.71 0.91 0.00	26.72 1.16 0.00	21.45 0.99 0.00	20.64 0.96 0.00	16.96 0.74 0.00	15.79 0.68 -0.34
SOUTH HAMPTN___IC 23720	16.63 0.77 -8.72	16.60 0.91 -7.08	15.93 1.39 -0.05	15.60 1.15 -2.68	17.85 1.53 0.00	17.77 1.57 -0.28	18.66 1.70 0.00	20.80 2.04 0.00	17.27 1.66 0.00	19.11 1.92 -0.53	26.07 2.01 -8.19	26.69 1.99 -9.04	27.09 1.95 -9.93	37.48 2.07 -19.35	28.14 1.92 -11.23	28.51 2.73 -4.23	29.46 3.30 -0.30	28.97 3.18 -2.34	26.85 3.06 0.00	28.71 3.16 0.00	23.06 2.60 0.00	22.33 2.64 0.00	18.31 2.09 0.00	16.82 1.76 -0.29
SOUTHDOW__115KV_TB1 355954	9.03 0.44 -1.46	10.32 0.53 -1.18	15.44 0.94 -0.01	13.14 0.93 -0.45	17.53 1.21 0.00	17.13 1.16 -0.05	18.63 1.68 0.00	20.38 1.61 0.00	16.92 1.31 0.00	18.05 1.38 0.00	17.13 1.27 0.00	16.95 1.29 0.00	16.20 0.99 0.00	16.98 0.92 0.00	15.74 0.75 0.00	22.47 0.92 0.00	26.89 1.03 0.00	24.17 0.73 0.00	24.57 0.78 0.00	26.40 0.84 0.00	21.24 0.78 0.00	20.53 0.85 0.00	16.82 0.60 0.00	15.16 0.36 -0.02
SOUTHOLD_69_KV_BK 2 55809	16.72 0.86 -8.72	16.69 1.01 -7.08	16.11 1.56 -0.05	15.72 1.28 -2.68	18.05 1.73 0.00	17.98 1.78 -0.28	18.90 1.95 0.00	21.06 2.29 0.00	17.48 1.87 0.00	19.36 2.16 -0.53	26.28 2.23 -8.19	26.91 2.22 -9.04	27.29 2.15 -9.93	37.71 2.30 -19.35	28.35 2.13 -11.23	28.83 3.05 -4.23	29.87 3.71 -0.30	29.35 3.56 -2.34	27.26 3.46 0.00	29.15 3.59 0.00	23.42 2.96 0.00	22.66 2.98 0.00	18.56 2.35 0.00	17.04 1.98 -0.29
SOUTHOLD___IC 23719	16.72 0.86 -8.72	16.70 1.01 -7.08	16.11 1.57 -0.05	15.74 1.30 -2.68	18.05 1.73 0.00	17.98 1.78 -0.28	18.90 1.95 0.00	21.06 2.29 0.00	17.48 1.87 0.00	19.36 2.16 -0.53	26.29 2.24 -8.19	26.91 2.21 -9.04	27.29 2.15 -9.93	37.70 2.29 -19.35	28.34 2.12 -11.23	28.82 3.03 -4.23	29.87 3.71 -0.30	29.35 3.56 -2.34	27.26 3.46 0.00	29.15 3.59 0.00	23.42 2.96 0.00	22.66 2.98 0.00	18.56 2.35 0.00	17.04 1.98 -0.29

SPIERFLS_115KV_TB 1 80737	19.19 0.17 -11.88	18.42 0.17 -9.65	14.82 0.26 -0.06	15.65 0.23 -3.65	16.61 0.28 0.00	16.63 0.33 -0.38	17.28 0.32 0.00	19.15 0.38 0.00	15.90 0.28 0.00	16.84 0.17 0.00	16.02 0.16 0.00	15.52 0.13 0.27	15.35 0.16 0.03	15.81 0.25 0.49	14.24 0.25 1.01	21.75 0.55 0.35	26.49 0.63 0.00	24.07 0.62 0.00	24.47 0.67 0.00	26.37 0.81 0.00	21.11 0.65 0.00	20.30 0.61 -0.01	16.70 0.48 0.00	15.56 0.41 -0.38
ST LAWRENCE____ 23600	-3.30 -0.20 10.23	-10.13 -0.25 18.48	14.11 -0.40 0.00	5.03 -0.37 6.36	15.85 -0.47 0.00	15.49 -0.43 0.00	16.48 -0.48 0.00	18.28 -0.49 0.00	15.16 -0.46 0.00	16.20 -0.47 0.00	15.41 -0.45 0.00	15.19 -0.47 0.00	14.75 -0.46 0.00	15.53 -0.52 0.00	14.52 -0.48 0.00	20.92 -0.63 0.00	25.08 -0.79 0.00	22.76 -0.68 0.00	23.07 -0.72 0.00	24.77 -0.79 0.00	19.81 -0.65 0.00	19.04 -0.64 0.00	15.72 -0.50 0.00	14.30 -0.47 0.00
STATE_CA_115KV_115_LB 55624	18.81 0.18 -11.50	18.15 0.21 -9.34	14.90 0.34 -0.06	15.59 0.29 -3.53	16.72 0.40 0.00	16.63 0.34 -0.37	17.23 0.28 0.00	19.11 0.34 0.00	15.92 0.31 0.00	16.94 0.27 0.00	16.13 0.27 0.00	15.66 0.28 0.27	15.47 0.29 0.03	15.88 0.33 0.50	14.32 0.35 1.02	21.72 0.51 0.36	26.46 0.60 0.00	23.99 0.54 0.00	24.32 0.52 0.00	26.16 0.60 0.00	20.94 0.48 0.00	20.16 0.47 -0.01	16.61 0.40 0.00	15.52 0.38 -0.36
STATE_ST_34_KV_LOAD 55959	8.34 0.08 -1.13	9.60 0.07 -0.92	14.61 0.11 -0.01	12.20 0.09 -0.34	16.45 0.12 0.00	16.18 0.22 -0.04	17.35 0.39 0.00	19.01 0.24 0.00	15.84 0.22 0.00	16.96 0.29 0.00	16.07 0.21 0.00	15.87 0.21 0.00	15.44 0.23 0.00	16.23 0.18 0.00	15.15 0.15 -0.01	21.81 0.26 0.00	26.16 0.29 0.00	23.67 0.22 0.00	24.21 0.41 0.00	26.00 0.44 0.00	20.87 0.41 0.00	20.01 0.33 0.00	16.43 0.21 0.00	15.09 0.19 -0.13
STATION 5_MISC_HYD 23604	8.11 -0.10 -1.07	9.34 -0.13 -0.87	14.25 -0.25 -0.01	11.98 -0.12 -0.33	16.09 -0.23 0.00	15.72 -0.24 -0.03	16.87 -0.08 0.00	18.40 -0.37 0.00	15.35 -0.27 0.00	16.40 -0.27 0.00	15.56 -0.30 0.00	15.44 -0.21 0.00	15.00 -0.21 0.00	15.79 -0.27 0.00	14.67 -0.32 0.00	21.02 -0.53 0.00	25.22 -0.65 0.00	22.75 -0.69 0.00	23.17 -0.62 0.00	24.91 -0.65 0.00	20.04 -0.42 0.00	19.33 -0.34 0.00	15.86 -0.36 0.00	14.30 -0.44 0.03
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	8.15 -0.06 -1.08	9.41 -0.07 -0.88	14.36 -0.15 -0.01	12.06 -0.04 -0.33	16.23 -0.09 0.00	15.84 -0.11 -0.03	17.02 0.06 0.00	18.64 -0.14 0.00	15.53 -0.08 0.00	16.56 -0.11 0.00	15.73 -0.13 0.00	15.59 -0.06 0.00	15.15 -0.06 0.00	15.96 -0.10 0.00	14.83 -0.15 0.01	21.29 -0.26 0.00	25.58 -0.29 0.00	23.13 -0.32 0.00	23.56 -0.24 0.00	25.32 -0.24 0.00	20.34 -0.12 0.00	19.60 -0.08 0.00	16.06 -0.16 0.00	14.43 -0.22 0.12
STA_56_34_KV_BUS2_REV_LBMP_B 345033	8.06 -0.14 -1.07	9.29 -0.18 -0.86	14.17 -0.33 -0.01	11.92 -0.18 -0.33	16.01 -0.31 0.00	15.63 -0.33 -0.03	16.78 -0.18 0.00	18.32 -0.45 0.00	15.29 -0.33 0.00	16.33 -0.34 0.00	15.50 -0.36 0.00	15.37 -0.29 0.00	14.93 -0.28 0.00	15.70 -0.35 0.00	14.61 -0.38 0.01	20.94 -0.61 0.00	25.14 -0.72 0.00	22.70 -0.75 0.00	23.10 -0.69 0.00	24.83 -0.73 0.00	19.97 -0.49 0.00	19.26 -0.42 0.00	15.80 -0.42 0.00	14.25 -0.48 0.05
STA_56____34_KV_BUS2 355983	8.06 -0.14 -1.07	9.29 -0.18 -0.86	14.17 -0.33 -0.01	11.92 -0.18 -0.33	16.01 -0.31 0.00	15.63 -0.33 -0.03	16.78 -0.18 0.00	18.32 -0.45 0.00	15.29 -0.33 0.00	16.33 -0.34 0.00	15.50 -0.36 0.00	15.37 -0.29 0.00	14.93 -0.28 0.00	15.70 -0.35 0.00	14.61 -0.38 0.01	20.94 -0.61 0.00	25.14 -0.72 0.00	22.70 -0.75 0.00	23.10 -0.69 0.00	24.83 -0.73 0.00	19.97 -0.49 0.00	19.26 -0.42 0.00	15.80 -0.42 0.00	14.25 -0.48 0.05
STA_67____115KV_BK2 355882	8.09 -0.12 -1.07	9.33 -0.15 -0.87	14.22 -0.28 -0.01	11.96 -0.13 -0.33	16.06 -0.26 0.00	15.69 -0.27 -0.03	16.83 -0.12 0.00	18.36 -0.41 0.00	15.32 -0.30 0.00	16.37 -0.30 0.00	15.53 -0.33 0.00	15.40 -0.26 0.00	14.95 -0.26 0.00	15.73 -0.33 0.00	14.62 -0.37 0.00	20.96 -0.60 0.00	25.14 -0.72 0.00	22.70 -0.75 0.00	23.11 -0.69 0.00	24.84 -0.72 0.00	19.98 -0.48 0.00	19.29 -0.39 0.00	15.82 -0.40 0.00	14.28 -0.46 0.03
STA_7____115KV_9TRANS 80674	8.14 -0.07 -1.07	9.38 -0.10 -0.87	14.31 -0.19 -0.01	12.03 -0.06 -0.33	16.16 -0.16 0.00	15.79 -0.16 -0.03	16.95 0.00 0.00	18.49 -0.28 0.00	15.43 -0.19 0.00	16.49 -0.18 0.00	15.64 -0.22 0.00	15.52 -0.14 0.00	15.07 -0.14 0.00	15.85 -0.20 0.00	14.74 -0.25 0.00	21.13 -0.42 0.00	25.37 -0.50 0.00	22.90 -0.54 0.00	23.32 -0.47 0.00	25.07 -0.49 0.00	20.17 -0.29 0.00	19.46 -0.22 0.00	15.96 -0.26 0.00	14.40 -0.34 0.03
STA_82____115KV_TB1 80780	8.10 -0.11 -1.08	9.33 -0.15 -0.88	14.23 -0.28 -0.01	11.97 -0.13 -0.33	16.07 -0.25 0.00	15.69 -0.26 -0.03	16.85 -0.11 0.00	18.37 -0.40 0.00	15.32 -0.30 0.00	16.37 -0.30 0.00	15.53 -0.33 0.00	15.40 -0.25 0.00	14.96 -0.25 0.00	15.73 -0.33 0.00	14.63 -0.36 0.00	20.97 -0.59 0.00	25.17 -0.70 0.00	22.71 -0.74 0.00	23.12 -0.67 0.00	24.86 -0.70 0.00	20.00 -0.46 0.00	19.30 -0.39 0.00	15.83 -0.39 0.00	14.29 -0.45 0.03
STEEL____WIND 323596	8.43 -0.09 -1.39	9.63 -0.10 -1.13	14.33 -0.17 -0.01	12.18 -0.01 -0.43	16.25 -0.08 0.00	15.79 -0.18 -0.04	17.02 0.07 0.00	18.42 -0.35 0.00	15.40 -0.22 0.00	16.49 -0.18 0.00	15.62 -0.24 0.00	15.52 -0.13 0.00	15.07 -0.14 0.00	15.82 -0.23 0.00	14.65 -0.34 0.00	20.94 -0.62 0.00	25.07 -0.79 0.00	22.50 -0.95 0.00	22.89 -0.90 0.00	24.62 -0.94 0.00	19.87 -0.59 0.00	19.24 -0.44 0.00	15.79 -0.43 0.00	14.23 -0.54 0.00
STEPHTWN_115KV_BK_2 55603	18.70 0.20 -11.37	18.08 0.25 -9.23	14.96 0.40 -0.06	15.60 0.35 -3.49	16.80 0.48 0.00	16.70 0.42 -0.36	17.34 0.38 0.00	19.26 0.49 0.00	16.01 0.40 0.00	17.06 0.38 0.00	16.19 0.33 0.00	15.74 0.36 0.27	15.52 0.34 0.03	15.96 0.39 0.49	14.40 0.41 1.00	21.86 0.65 0.35	26.56 0.69 0.00	24.06 0.61 0.00	24.42 0.62 0.00	26.25 0.70 0.00	21.02 0.56 0.00	20.22 0.54 -0.01	16.66 0.45 0.00	15.57 0.44 -0.36
STEBEN_REC_LFGE 323667	8.94 0.04 -1.77	10.12 0.08 -1.43	14.66 0.15 -0.01	12.56 0.26 -0.54	16.57 0.25 0.00	16.19 0.21 -0.06	17.55 0.60 0.00	19.17 0.39 0.00	15.95 0.33 0.00	17.11 0.44 0.00	16.25 0.39 0.00	16.07 0.42 0.00	15.61 0.40 0.00	16.47 0.41 0.00	15.30 0.30 -0.01	21.84 0.28 0.00	26.20 0.34 0.00	23.56 0.11 0.00	24.06 0.26 0.00	25.86 0.29 0.00	20.84 0.38 0.00	20.14 0.46 0.00	16.47 0.25 0.00	15.06 0.15 -0.15
STONY____BROOK 24151	16.55 0.70 -8.72	16.50 0.81 -7.08	15.78 1.23 -0.05	15.46 1.02 -2.68	17.63 1.31 0.00	17.60 1.40 -0.28	18.46 1.50 0.00	20.56 1.79 0.00	17.13 1.51 0.00	18.93 1.73 -0.53	25.89 1.84 -8.19	26.53 1.83 -9.04	26.93 1.79 -9.93	37.33 1.92 -19.35	27.98 1.76 -11.23	28.25 2.47 -4.23	29.07 2.90 -0.30	28.56 2.77 -2.34	26.42 2.62 0.00	28.23 2.67 0.00	22.66 2.20 0.00	21.96 2.28 0.00	18.04 1.82 0.00	16.64 1.57 -0.29

STURGEON_POOL_HYD 23609	16.38 0.59 -8.66	16.33 0.69 -7.03	15.61 1.07 -0.04	15.30 0.87 -2.66	17.53 1.20 0.00	17.41 1.21 -0.28	18.31 1.36 0.00	20.39 1.62 0.00	17.07 1.45 0.00	18.29 1.62 0.00	17.48 1.62 0.00	19.25 1.67 -1.92	17.10 1.67 -0.21	21.40 1.84 -3.51	23.55 1.72 -6.84	26.32 2.25 -2.52	28.62 2.75 0.00	26.00 2.55 0.00	26.29 2.49 0.00	28.18 2.62 0.00	22.54 2.08 0.00	21.65 1.97 0.00	17.81 1.60 0.00	16.48 1.42 -0.29
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	15.33 0.47 -7.73	15.43 0.55 -6.27	15.38 0.84 -0.04	14.84 0.70 -2.37	17.28 0.95 0.00	17.13 0.96 -0.25	17.99 1.03 0.00	19.98 1.21 0.00	16.68 1.06 0.00	17.83 1.16 0.00	17.01 1.16 0.00	19.13 1.18 -2.30	16.65 1.18 -0.26	21.55 1.30 -4.20	24.44 1.24 -8.21	26.21 1.64 -3.02	27.90 2.03 0.00	25.30 1.86 0.00	25.61 1.82 0.00	27.48 1.92 0.00	21.98 1.52 0.00	21.15 1.46 0.00	17.41 1.19 0.00	16.10 1.07 -0.26
SWANROAD_115KV_TB1 355699	8.19 -0.21 -1.26	9.38 -0.25 -1.02	14.05 -0.45 -0.01	11.93 -0.22 -0.39	15.88 -0.44 0.00	15.17 -0.79 -0.04	16.35 -0.60 0.00	17.58 -1.19 0.00	14.71 -0.91 0.00	15.72 -0.95 0.00	14.89 -0.97 0.00	14.79 -0.87 0.00	14.35 -0.86 0.00	14.99 -1.06 0.00	13.93 -1.07 0.00	19.91 -1.65 0.00	23.82 -2.05 0.00	21.40 -2.05 0.00	21.78 -2.02 0.00	23.43 -2.12 0.00	18.96 -1.50 0.00	18.36 -1.32 0.00	15.09 -1.13 0.00	13.62 -1.14 0.01
SYNERGY___BIOGAS 323694	8.31 -0.02 -1.20	9.54 -0.04 -0.97	14.41 -0.09 -0.01	12.17 0.04 -0.37	16.31 -0.02 0.00	15.86 -0.11 -0.04	17.07 0.12 0.00	18.47 -0.30 0.00	15.40 -0.22 0.00	16.45 -0.22 0.00	15.58 -0.28 0.00	15.43 -0.22 0.00	14.96 -0.25 0.00	15.70 -0.35 0.00	14.57 -0.43 0.00	20.82 -0.74 0.00	24.97 -0.90 0.00	22.56 -0.89 0.00	23.05 -0.75 0.00	24.80 -0.76 0.00	20.03 -0.43 0.00	19.36 -0.32 0.00	15.87 -0.35 0.00	14.28 -0.47 0.02
SYRACUSE___ENERGY_ST1 323597	8.02 -0.05 -0.95	9.31 -0.07 -0.77	14.36 -0.15 0.00	11.97 -0.08 -0.29	16.20 -0.12 0.00	15.84 -0.11 -0.03	16.93 -0.02 0.00	18.65 -0.12 0.00	15.53 -0.08 0.00	16.57 -0.10 0.00	15.76 -0.10 0.00	15.58 -0.07 0.00	15.13 -0.08 0.00	15.99 -0.07 0.00	14.91 -0.08 0.00	21.40 -0.16 0.00	25.71 -0.15 0.00	23.27 -0.18 0.00	23.69 -0.11 0.00	25.45 -0.11 0.00	20.40 -0.06 0.00	19.61 -0.07 0.00	16.10 -0.12 0.00	14.70 -0.13 -0.06
SYRACUSE___ENERGY_ST2 323598	8.02 -0.05 -0.95	9.31 -0.07 -0.77	14.36 -0.15 0.00	11.97 -0.08 -0.29	16.20 -0.12 0.00	15.84 -0.11 -0.03	16.93 -0.02 0.00	18.65 -0.12 0.00	15.53 -0.08 0.00	16.57 -0.10 0.00	15.76 -0.10 0.00	15.58 -0.07 0.00	15.13 -0.08 0.00	15.99 -0.07 0.00	14.91 -0.08 0.00	21.40 -0.16 0.00	25.71 -0.15 0.00	23.27 -0.18 0.00	23.69 -0.11 0.00	25.45 -0.11 0.00	20.40 -0.06 0.00	19.61 -0.07 0.00	16.10 -0.12 0.00	14.70 -0.13 -0.06
SYRACUSE___POWER 24017	8.04 -0.05 -0.96	9.32 -0.06 -0.78	14.36 -0.14 0.00	11.99 -0.07 -0.29	16.21 -0.12 0.00	15.83 -0.12 -0.03	16.92 -0.04 0.00	18.66 -0.11 0.00	15.53 -0.09 0.00	16.57 -0.10 0.00	15.76 -0.10 0.00	15.58 -0.08 0.00	15.13 -0.08 0.00	16.00 -0.06 0.00	14.92 -0.07 0.00	21.41 -0.15 0.00	25.73 -0.13 0.00	23.29 -0.16 0.00	23.70 -0.10 0.00	25.47 -0.08 0.00	20.41 -0.05 0.00	19.64 -0.04 0.00	16.12 -0.10 0.00	14.70 -0.11 -0.05
TALLMAN__138KV_BK151 55660	15.62 0.51 -7.98	15.66 0.58 -6.48	15.44 0.90 -0.04	14.96 0.75 -2.45	17.34 1.02 0.00	17.20 1.03 -0.25	18.07 1.12 0.00	20.09 1.32 0.00	16.77 1.16 0.00	17.95 1.28 0.00	17.15 1.29 0.00	19.40 1.32 -2.42	16.79 1.31 -0.27	21.91 1.43 -4.42	25.00 1.37 -8.64	26.53 1.80 -3.17	28.09 2.22 0.00	25.46 2.02 0.00	25.77 1.97 0.00	27.64 2.08 0.00	22.10 1.64 0.00	21.26 1.58 0.00	17.52 1.30 0.00	16.22 1.18 -0.27
TEALLAVE_115KV_TB7 355573	7.85 -0.09 -0.81	9.16 -0.10 -0.66	14.28 -0.22 0.00	11.89 -0.13 -0.25	16.12 -0.20 0.00	15.74 -0.20 -0.03	16.82 -0.13 0.00	18.55 -0.22 0.00	15.45 -0.17 0.00	16.49 -0.18 0.00	15.68 -0.18 0.00	15.50 -0.15 0.00	15.06 -0.15 0.00	15.92 -0.14 0.00	14.85 -0.15 0.00	21.30 -0.26 0.00	25.59 -0.27 0.00	23.16 -0.29 0.00	23.56 -0.24 0.00	25.32 -0.24 0.00	20.28 -0.18 0.00	19.51 -0.17 0.00	16.02 -0.20 0.00	14.60 -0.20 -0.03
TELGRAPH_34_KV_EAST 80808	8.23 -0.14 -1.24	9.43 -0.18 -1.00	14.18 -0.33 -0.01	12.02 -0.12 -0.38	16.06 -0.27 0.00	15.58 -0.38 -0.04	16.77 -0.19 0.00	18.09 -0.68 0.00	15.12 -0.49 0.00	16.15 -0.52 0.00	15.30 -0.56 0.00	15.18 -0.47 0.00	14.74 -0.48 0.00	15.42 -0.64 0.00	14.31 -0.68 0.00	20.47 -1.09 0.00	24.52 -1.34 0.00	22.08 -1.37 0.00	22.50 -1.30 0.00	24.20 -1.36 0.00	19.55 -0.90 0.00	18.92 -0.76 0.00	15.52 -0.70 0.00	14.01 -0.75 0.01
TEMPLE___115KV_TB 2 55572	7.87 -0.08 -0.82	9.17 -0.10 -0.67	14.29 -0.21 0.00	11.90 -0.13 -0.25	16.13 -0.19 0.00	15.76 -0.19 -0.03	16.84 -0.12 0.00	18.57 -0.20 0.00	15.46 -0.16 0.00	16.50 -0.17 0.00	15.70 -0.16 0.00	15.52 -0.13 0.00	15.08 -0.13 0.00	15.94 -0.12 0.00	14.86 -0.13 0.00	21.32 -0.23 0.00	25.62 -0.25 0.00	23.19 -0.26 0.00	23.58 -0.21 0.00	25.34 -0.22 0.00	20.30 -0.16 0.00	19.53 -0.15 0.00	16.03 -0.18 0.00	14.61 -0.19 -0.03
TIANA____69_KV_BK 1 55817	16.60 0.74 -8.72	16.55 0.87 -7.08	15.86 1.32 -0.05	15.52 1.08 -2.68	17.78 1.46 0.00	17.68 1.49 -0.28	18.57 1.62 0.00	20.71 1.94 0.00	17.20 1.58 0.00	19.03 1.83 -0.53	25.98 1.93 -8.19	26.61 1.91 -9.04	27.01 1.87 -9.93	37.41 2.00 -19.35	28.07 1.85 -11.23	28.41 2.62 -4.23	29.32 3.16 -0.30	28.84 3.05 -2.34	26.73 2.93 0.00	28.58 3.02 0.00	22.95 2.49 0.00	22.22 2.54 0.00	18.23 2.01 0.00	16.75 1.69 -0.29
TILDEN___115KV_TB1 80814	8.04 -0.05 -0.96	9.32 -0.06 -0.78	14.36 -0.14 0.00	11.99 -0.07 -0.29	16.21 -0.12 0.00	15.83 -0.12 -0.03	16.92 -0.04 0.00	18.66 -0.11 0.00	15.53 -0.09 0.00	16.57 -0.10 0.00	15.76 -0.10 0.00	15.58 -0.08 0.00	15.13 -0.08 0.00	16.00 -0.06 0.00	14.92 -0.07 0.00	21.41 -0.15 0.00	25.73 -0.13 0.00	23.29 -0.16 0.00	23.70 -0.10 0.00	25.47 -0.08 0.00	20.41 -0.05 0.00	19.64 -0.04 0.00	16.12 -0.10 0.00	14.70 -0.11 -0.05
TRIGEN___CC 323695	16.46 0.61 -8.72	16.40 0.71 -7.08	15.64 1.09 -0.05	15.33 0.89 -2.68	17.51 1.18 0.00	17.43 1.23 -0.28	18.26 1.31 0.00	20.32 1.54 0.00	16.96 1.34 0.00	18.74 1.54 -0.53	25.68 1.63 -8.19	26.35 1.65 -9.04	26.79 1.65 -9.93	37.16 1.75 -19.35	27.85 1.63 -11.23	27.99 2.21 -4.23	28.78 2.62 -0.30	28.26 2.47 -2.34	26.13 2.33 0.00	27.97 2.41 0.00	22.40 1.95 0.00	21.61 1.92 0.00	17.78 1.56 0.00	16.44 1.38 -0.29
TRINITY__115KV__ 4 BK 55933	18.67 0.15 -11.39	18.03 0.18 -9.25	14.86 0.29 -0.06	15.52 0.26 -3.49	16.67 0.35 0.00	16.58 0.29 -0.36	17.16 0.21 0.00	19.04 0.27 0.00	15.86 0.24 0.00	16.87 0.20 0.00	16.06 0.20 0.00	15.58 0.20 0.28	15.40 0.22 0.03	15.80 0.25 0.51	14.24 0.28 1.03	21.60 0.41 0.36	26.33 0.46 0.00	23.86 0.41 0.00	24.19 0.39 0.00	26.03 0.47 0.00	20.84 0.38 0.00	20.07 0.38 -0.01	16.55 0.33 0.00	15.46 0.33 -0.36

UNION___PROCESSING_DRP 323587	8.10 -0.11 -1.08	9.34 -0.15 -0.88	14.23 -0.27 -0.01	11.97 -0.13 -0.33	16.08 -0.25 0.00	15.70 -0.26 -0.03	16.85 -0.11 0.00	18.38 -0.40 0.00	15.33 -0.29 0.00	16.38 -0.29 0.00	15.54 -0.32 0.00	15.41 -0.25 0.00	14.96 -0.25 0.00	15.74 -0.32 0.00	14.63 -0.35 0.00	20.98 -0.58 0.00	25.17 -0.70 0.00	22.72 -0.73 0.00	23.13 -0.67 0.00	24.86 -0.70 0.00	20.01 -0.46 0.00	19.31 -0.37 0.00	15.84 -0.38 0.00	14.29 -0.44 0.03
UPPER HUDSON___HYD 24058	19.19 0.17 -11.88	18.43 0.17 -9.65	14.83 0.26 -0.06	15.67 0.25 -3.65	16.61 0.28 0.00	16.64 0.33 -0.38	17.28 0.32 0.00	19.15 0.38 0.00	15.90 0.28 0.00	16.84 0.17 0.00	16.02 0.16 0.00	15.52 0.13 0.27	15.34 0.16 0.03	15.81 0.25 0.49	14.24 0.25 1.01	21.75 0.55 0.35	26.49 0.63 0.00	24.07 0.62 0.00	24.46 0.67 0.00	26.37 0.81 0.00	21.11 0.65 0.00	20.30 0.61 -0.01	16.70 0.48 0.00	15.56 0.41 -0.38
UPPER RAQUET___HYD 24056	-1.31 -0.40 8.04	-6.43 -0.52 14.52	14.12 -0.86 -0.48	9.02 -0.70 2.05	15.48 -0.84 0.00	15.12 -0.80 0.00	16.06 -0.90 0.00	17.85 -0.92 0.00	14.77 -0.85 0.00	15.79 -0.88 0.00	15.02 -0.84 0.00	14.78 -0.88 0.00	14.32 -0.89 0.00	15.06 -0.99 0.00	14.11 -0.88 0.00	20.34 -1.22 0.00	24.43 -1.43 0.00	22.24 -1.21 0.00	22.61 -1.19 0.00	24.32 -1.24 0.00	19.42 -1.04 0.00	18.55 -1.13 0.00	15.30 -0.92 0.00	13.97 -0.80 0.00
VALLEY44_115KV_TB2 355964	8.95 0.34 -1.48	10.22 0.41 -1.20	15.26 0.75 -0.01	12.98 0.76 -0.45	17.29 0.96 0.00	16.96 0.99 -0.05	18.44 1.49 0.00	20.14 1.37 0.00	16.59 0.97 0.00	17.57 0.90 0.00	16.66 0.80 0.00	16.48 0.83 0.00	15.90 0.70 0.00	16.69 0.64 0.00	15.48 0.49 0.00	22.11 0.55 0.00	26.47 0.60 0.00	23.83 0.39 0.00	24.27 0.47 0.00	26.13 0.57 0.00	21.07 0.61 0.00	20.37 0.68 0.00	16.65 0.44 0.00	15.03 0.23 -0.03
VALLEY___115KV_TB 1-4 80826	7.55 -0.01 -0.42	9.36 0.00 -0.76	14.45 -0.05 0.00	11.99 -0.03 -0.26	16.23 -0.10 0.00	15.80 -0.12 0.00	16.84 -0.12 0.00	18.64 -0.14 0.00	15.48 -0.14 0.00	16.47 -0.20 0.00	15.65 -0.20 0.00	15.45 -0.20 0.00	14.98 -0.23 0.00	15.82 -0.24 0.00	14.74 -0.25 0.00	21.19 -0.37 0.00	25.41 -0.45 0.00	23.12 -0.32 0.00	23.50 -0.30 0.00	25.40 -0.16 0.00	20.36 -0.10 0.00	19.70 0.02 0.00	16.23 0.01 0.00	14.76 -0.01 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	10.62 0.41 -3.07	11.58 0.48 -2.49	15.30 0.79 -0.02	13.38 0.67 -0.94	17.19 0.86 0.00	16.99 0.96 -0.10	18.09 1.14 0.00	19.97 1.19 0.00	16.63 1.01 0.00	17.74 1.07 0.00	16.85 0.99 0.00	16.66 1.01 0.00	16.16 0.95 0.00	17.08 1.03 0.00	15.95 0.96 0.00	22.88 1.33 0.00	27.53 1.66 0.00	24.93 1.49 0.00	25.38 1.58 0.00	27.29 1.73 0.00	21.83 1.37 0.00	21.02 1.34 0.00	17.25 1.03 0.00	15.79 0.91 -0.11
VISCHER___FERRY HYD 24020	18.99 0.28 -11.58	18.34 0.33 -9.40	15.10 0.54 -0.06	15.78 0.46 -3.55	16.94 0.61 0.00	16.87 0.57 -0.37	17.47 0.51 0.00	19.37 0.60 0.00	16.13 0.51 0.00	17.11 0.44 0.00	16.26 0.40 0.00	15.86 0.40 0.19	15.58 0.39 0.02	16.18 0.47 0.35	14.71 0.45 0.73	22.06 0.75 0.25	26.73 0.87 0.00	24.22 0.78 0.00	24.57 0.77 0.00	26.45 0.89 0.00	21.18 0.72 0.00	20.43 0.75 -0.01	16.82 0.61 0.00	15.70 0.56 -0.37
V_A_10_SYNC_DSASP 323832	8.10 -0.21 -1.18	9.32 -0.25 -0.96	14.05 -0.45 -0.01	11.90 -0.23 -0.36	15.90 -0.42 0.00	15.47 -0.49 -0.04	16.63 -0.33 0.00	18.02 -0.75 0.00	15.05 -0.57 0.00	16.10 -0.57 0.00	15.26 -0.60 0.00	15.12 -0.53 0.00	14.68 -0.53 0.00	15.40 -0.66 0.00	14.29 -0.70 0.00	20.45 -1.11 0.00	24.49 -1.38 0.00	22.02 -1.43 0.00	22.40 -1.40 0.00	24.09 -1.46 0.00	19.43 -1.03 0.00	18.80 -0.88 0.00	15.45 -0.77 0.00	13.97 -0.79 0.01
V_CMM_10_SYNC_DSASP 323787	-3.27 -0.17 10.23	-10.08 -0.21 18.48	14.17 -0.33 0.00	5.08 -0.32 6.36	15.92 -0.40 0.00	15.56 -0.36 0.00	16.55 -0.40 0.00	18.36 -0.41 0.00	15.23 -0.39 0.00	16.28 -0.39 0.00	15.48 -0.38 0.00	15.26 -0.40 0.00	14.82 -0.40 0.00	15.61 -0.45 0.00	14.58 -0.41 0.00	21.03 -0.53 0.00	25.19 -0.68 0.00	22.86 -0.58 0.00	23.18 -0.62 0.00	24.88 -0.68 0.00	19.90 -0.55 0.00	19.12 -0.56 0.00	15.79 -0.43 0.00	14.36 -0.41 0.00
V_CMP_10_SYNC_DSASP 323788	-3.17 -0.25 10.05	-9.99 -0.44 18.15	10.88 -0.76 2.85	-12.73 -0.67 23.82	15.70 -0.62 0.00	15.40 -0.52 0.00	16.53 -0.42 0.00	18.62 -0.15 0.00	15.33 -0.29 0.00	16.29 -0.38 0.00	15.50 -0.35 0.00	15.30 -0.36 0.00	14.84 -0.37 0.00	15.53 -0.53 0.00	14.34 -0.66 0.00	20.70 -0.86 0.00	24.99 -0.88 0.00	22.80 -0.65 0.00	23.24 -0.56 0.00	25.22 -0.34 0.00	20.09 -0.37 0.00	19.12 -0.56 0.00	15.69 -0.53 0.00	14.16 -0.61 0.00
V_E_10_SYNC_DSASP 323830	9.95 0.46 -2.36	11.03 0.51 -1.92	15.29 0.78 -0.01	13.23 0.74 -0.72	17.37 1.04 0.00	17.06 1.06 -0.07	18.31 1.35 0.00	20.12 1.34 0.00	16.56 0.94 0.00	17.55 0.88 0.00	16.56 0.71 0.00	16.37 0.72 0.00	15.82 0.61 0.00	16.77 0.71 0.00	15.63 0.63 0.00	22.47 0.92 0.00	27.17 1.30 0.00	24.46 1.01 0.00	25.28 1.48 0.00	27.44 1.89 0.00	22.12 1.66 0.00	21.24 1.56 0.00	17.32 1.10 0.00	15.80 0.92 -0.11
V_F_30_NSYNC___DSASP 323816	19.30 0.32 -11.84	18.60 0.38 -9.61	15.18 0.61 -0.06	15.93 0.53 -3.63	17.01 0.68 0.00	16.98 0.68 -0.38	17.64 0.69 0.00	19.55 0.78 0.00	16.26 0.64 0.00	17.26 0.58 0.00	16.40 0.54 0.00	15.93 0.54 0.26	15.72 0.53 0.03	16.21 0.63 0.47	14.63 0.60 0.97	22.21 0.99 0.34	27.05 1.19 0.00	24.54 1.09 0.00	24.91 1.11 0.00	26.82 1.26 0.00	21.47 1.01 0.00	20.68 0.99 -0.01	17.00 0.78 0.00	15.85 0.71 -0.38
V_F_30_SYNC_DSASP 323786	18.80 0.18 -11.49	18.14 0.21 -9.33	14.90 0.34 -0.06	15.58 0.29 -3.53	16.72 0.40 0.00	16.63 0.34 -0.37	17.23 0.28 0.00	19.11 0.34 0.00	15.92 0.31 0.00	16.94 0.27 0.00	16.12 0.27 0.00	15.66 0.28 0.27	15.47 0.29 0.03	15.88 0.32 0.50	14.32 0.35 1.02	21.71 0.51 0.36	26.46 0.60 0.00	23.98 0.54 0.00	24.32 0.52 0.00	26.16 0.60 0.00	20.94 0.48 0.00	20.16 0.47 -0.01	16.61 0.39 0.00	15.52 0.38 -0.36
V_XM_10_SYNC_DSASP 323789	-3.17 -0.25 10.05	-9.99 -0.44 18.15	10.88 -0.76 2.85	-12.73 -0.67 23.82	15.70 -0.62 0.00	15.40 -0.52 0.00	16.53 -0.42 0.00	18.62 -0.15 0.00	15.33 -0.29 0.00	16.29 -0.38 0.00	15.50 -0.35 0.00	15.30 -0.36 0.00	14.84 -0.37 0.00	15.53 -0.53 0.00	14.34 -0.66 0.00	20.70 -0.86 0.00	24.99 -0.88 0.00	22.80 -0.65 0.00	23.24 -0.56 0.00	25.22 -0.34 0.00	20.09 -0.37 0.00	19.12 -0.56 0.00	15.69 -0.53 0.00	14.16 -0.61 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	15.66 0.53 -8.00	15.71 0.61 -6.49	15.48 0.94 -0.04	15.00 0.78 -2.46	17.38 1.06 0.00	17.25 1.07 -0.25	18.12 1.17 0.00	20.14 1.37 0.00	16.82 1.20 0.00	17.99 1.32 0.00	17.19 1.33 0.00	19.45 1.36 -2.43	16.84 1.36 -0.27	21.98 1.48 -4.45	25.08 1.41 -8.68	26.61 1.86 -3.19	28.16 2.29 0.00	25.53 2.09 0.00	25.84 2.04 0.00	27.70 2.14 0.00	22.16 1.70 0.00	21.32 1.64 0.00	17.56 1.34 0.00	16.25 1.21 -0.27

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	16.41 0.56 -8.72	16.35 0.66 -7.08	15.56 1.02 -0.05	15.28 0.84 -2.67	17.44 1.12 0.00	17.35 1.15 -0.28	18.20 1.25 0.00	20.26 1.49 0.00	16.97 1.35 0.00	18.19 1.52 0.00	17.37 1.51 0.00	20.00 1.55 -2.80	17.07 1.55 -0.31	22.83 1.66 -5.11	26.54 1.56 -9.98	27.35 2.13 -3.67	28.47 2.61 0.00	25.80 2.35 0.00	26.09 2.30 0.00	28.01 2.45 0.00	22.38 1.92 0.00	21.50 1.82 0.00	17.72 1.51 0.00	16.42 1.36 -0.29
W50THST__13_KV_LOAD 356117	16.45 0.60 -8.72	16.39 0.71 -7.08	15.65 1.10 -0.05	15.35 0.91 -2.67	17.53 1.21 0.00	17.43 1.23 -0.28	18.31 1.36 0.00	20.40 1.63 0.00	17.10 1.49 0.00	18.35 1.67 0.00	17.53 1.67 0.00	20.16 1.71 -2.80	17.24 1.72 -0.31	23.01 1.84 -5.11	26.70 1.73 -9.98	27.59 2.37 -3.67	28.76 2.89 0.00	26.05 2.61 0.00	26.34 2.54 0.00	28.25 2.69 0.00	22.56 2.09 0.00	21.66 1.98 0.00	17.85 1.63 0.00	16.52 1.46 -0.29
WADING RIVER_IC_1 23522	16.47 0.62 -8.72	16.41 0.73 -7.08	15.62 1.08 -0.05	15.34 0.90 -2.68	17.52 1.20 0.00	17.39 1.19 -0.28	18.24 1.28 0.00	20.37 1.60 0.00	16.91 1.29 0.00	18.70 1.50 -0.53	25.67 1.62 -8.19	26.30 1.60 -9.04	26.70 1.57 -9.93	37.09 1.68 -19.35	27.76 1.54 -11.23	27.95 2.17 -4.23	28.77 2.61 -0.30	28.34 2.54 -2.34	26.20 2.41 0.00	28.01 2.45 0.00	22.50 2.04 0.00	21.82 2.14 0.00	17.91 1.69 0.00	16.46 1.40 -0.29
WADING RIVER_IC_2 23547	16.47 0.62 -8.72	16.41 0.73 -7.08	15.62 1.08 -0.05	15.34 0.90 -2.68	17.52 1.20 0.00	17.39 1.19 -0.28	18.24 1.28 0.00	20.37 1.60 0.00	16.91 1.29 0.00	18.70 1.50 -0.53	25.67 1.62 -8.19	26.30 1.60 -9.04	26.70 1.57 -9.93	37.09 1.68 -19.35	27.76 1.54 -11.23	27.95 2.17 -4.23	28.77 2.61 -0.30	28.34 2.54 -2.34	26.20 2.41 0.00	28.01 2.45 0.00	22.50 2.04 0.00	21.82 2.14 0.00	17.91 1.69 0.00	16.46 1.40 -0.29
WADING RIVER_IC_3 23601	16.47 0.62 -8.72	16.41 0.73 -7.08	15.62 1.08 -0.05	15.34 0.90 -2.68	17.52 1.20 0.00	17.39 1.19 -0.28	18.24 1.28 0.00	20.37 1.60 0.00	16.91 1.29 0.00	18.70 1.50 -0.53	25.67 1.62 -8.19	26.30 1.60 -9.04	26.70 1.57 -9.93	37.09 1.68 -19.35	27.76 1.54 -11.23	27.95 2.17 -4.23	28.77 2.61 -0.30	28.34 2.54 -2.34	26.20 2.41 0.00	28.01 2.45 0.00	22.50 2.04 0.00	21.82 2.14 0.00	17.91 1.69 0.00	16.46 1.40 -0.29
WALDENNY_12_KV_BK2 80841	8.41 -0.11 -1.38	9.61 -0.12 -1.12	14.30 -0.21 -0.01	12.17 -0.02 -0.42	16.20 -0.12 0.00	15.75 -0.22 -0.04	16.98 0.03 0.00	18.37 -0.40 0.00	15.37 -0.25 0.00	16.46 -0.22 0.00	15.60 -0.26 0.00	15.48 -0.17 0.00	15.03 -0.18 0.00	15.75 -0.31 0.00	14.61 -0.38 0.00	20.89 -0.67 0.00	25.01 -0.85 0.00	22.44 -1.00 0.00	22.84 -0.95 0.00	24.57 -0.99 0.00	19.83 -0.63 0.00	19.20 -0.48 0.00	15.74 -0.47 0.00	14.21 -0.56 0.00
WALDEN__HYDRO 24148	15.93 0.54 -8.26	15.94 0.63 -6.70	15.51 0.97 -0.04	15.10 0.80 -2.53	17.42 1.10 0.00	17.30 1.12 -0.26	18.17 1.22 0.00	20.18 1.41 0.00	16.85 1.23 0.00	17.99 1.32 0.00	17.14 1.28 0.00	19.43 1.29 -2.48	16.78 1.29 -0.28	22.00 1.41 -4.53	25.18 1.33 -8.85	26.60 1.79 -3.25	28.10 2.24 0.00	25.57 2.12 0.00	25.87 2.07 0.00	27.81 2.25 0.00	22.29 1.83 0.00	21.45 1.76 0.00	17.64 1.42 0.00	16.31 1.27 -0.28
WARRENSBURG____ 23737	19.19 0.17 -11.88	18.43 0.17 -9.65	14.83 0.26 -0.06	15.67 0.25 -3.65	16.61 0.28 0.00	16.64 0.33 -0.38	17.28 0.32 0.00	19.15 0.38 0.00	15.90 0.28 0.00	16.84 0.17 0.00	16.02 0.16 0.00	15.52 0.13 0.27	15.34 0.16 0.03	15.81 0.25 0.49	14.24 0.25 1.01	21.75 0.55 0.35	26.49 0.63 0.00	24.07 0.62 0.00	24.46 0.67 0.00	26.37 0.81 0.00	21.11 0.65 0.00	20.30 0.61 -0.01	16.70 0.48 0.00	15.56 0.41 -0.38
WATERSIDE____6 8 9 23538	16.41 0.56 -8.72	16.34 0.65 -7.08	15.55 1.01 -0.05	15.27 0.83 -2.68	17.41 1.09 0.00	17.32 1.12 -0.28	18.19 1.23 0.00	20.24 1.47 0.00	16.95 1.34 0.00	18.18 1.50 0.00	17.36 1.50 0.00	19.98 1.53 -2.80	17.07 1.54 -0.31	22.81 1.65 -5.11	26.53 1.55 -9.98	27.32 2.09 -3.67	28.44 2.57 0.00	25.79 2.34 0.00	26.07 2.27 0.00	27.97 2.41 0.00	22.35 1.90 0.00	21.48 1.80 0.00	17.70 1.48 0.00	16.41 1.35 -0.29
WATKINRD_115KV_LN8_ILLION 55919	7.55 0.00 -0.42	9.37 0.00 -0.76	14.48 -0.02 0.00	12.03 0.00 -0.26	16.31 -0.02 0.00	15.88 -0.05 0.00	16.92 -0.04 0.00	18.73 -0.04 0.00	15.57 -0.05 0.00	16.57 -0.10 0.00	15.74 -0.11 0.00	15.54 -0.11 0.00	15.09 -0.12 0.00	15.95 -0.10 0.00	14.89 -0.10 0.00	21.41 -0.15 0.00	25.70 -0.16 0.00	23.34 -0.10 0.00	23.70 -0.10 0.00	25.55 -0.01 0.00	20.47 0.02 0.00	19.75 0.07 0.00	16.26 0.04 0.00	14.79 0.02 0.00
WATSON____69_KV_BK 1 55734	16.60 0.75 -8.72	16.55 0.86 -7.08	15.88 1.33 -0.05	15.52 1.08 -2.68	17.76 1.44 0.00	17.71 1.50 -0.28	18.58 1.62 0.00	20.68 1.91 0.00	17.24 1.62 0.00	19.05 1.85 -0.53	25.99 1.94 -8.19	26.65 1.95 -9.04	27.05 1.92 -9.93	37.45 2.04 -19.35	28.07 1.85 -11.23	28.34 2.55 -4.23	29.20 3.03 -0.30	28.69 2.89 -2.34	26.54 2.75 0.00	28.38 2.82 0.00	22.79 2.33 0.00	22.06 2.38 0.00	18.14 1.92 0.00	16.72 1.66 -0.29
WDELAWARE__HYD 323627	14.75 0.58 -7.04	15.06 0.74 -5.72	15.73 1.19 -0.04	14.93 1.00 -2.16	17.75 1.43 0.00	17.42 1.27 -0.22	18.33 1.37 0.00	20.32 1.55 0.00	17.01 1.39 0.00	18.18 1.51 0.00	17.33 1.48 0.00	18.78 1.51 -1.62	16.89 1.50 -0.18	20.46 1.44 -2.96	21.67 0.90 -5.78	24.83 1.16 -2.12	27.35 1.49 0.00	24.82 1.38 0.00	25.25 1.45 0.00	27.22 1.66 0.00	22.16 1.70 0.00	21.32 1.64 0.00	17.53 1.32 0.00	16.14 1.14 -0.23
WEST BABYLON__IC 23714	16.57 0.72 -8.72	16.52 0.84 -7.08	15.83 1.28 -0.05	15.48 1.04 -2.68	17.71 1.38 0.00	17.65 1.45 -0.28	18.51 1.55 0.00	20.60 1.83 0.00	17.19 1.57 0.00	18.98 1.78 -0.53	25.93 1.88 -8.19	26.58 1.88 -9.04	26.99 1.85 -9.93	37.37 1.96 -19.35	28.01 1.79 -11.23	28.25 2.46 -4.23	29.10 2.94 -0.30	28.57 2.78 -2.34	26.43 2.63 0.00	28.26 2.70 0.00	22.68 2.22 0.00	21.94 2.26 0.00	18.05 1.83 0.00	16.65 1.59 -0.29
WEST CANADA__HYD 24049	7.55 0.00 -0.42	9.36 0.00 -0.76	14.49 -0.01 0.00	12.04 0.01 -0.26	16.34 0.02 0.00	15.93 0.00 0.00	16.97 0.02 0.00	18.77 0.00 0.00	15.63 0.02 0.00	16.69 0.02 0.00	15.86 0.00 0.00	15.66 0.01 0.00	15.21 0.00 0.00	16.07 0.02 0.00	14.99 0.00 0.00	21.56 0.00 0.00	25.89 0.02 0.00	23.47 0.02 0.00	23.82 0.02 0.00	25.61 0.05 0.00	20.49 0.03 0.00	19.72 0.04 0.00	16.23 0.02 0.00	14.80 0.03 0.00
WESTERN_NY_WIND 24143	8.31 -0.03 -1.21	9.54 -0.05 -0.98	14.40 -0.11 -0.01	12.17 0.03 -0.37	16.29 -0.03 0.00	15.83 -0.13 -0.04	17.05 0.10 0.00	18.45 -0.32 0.00	15.38 -0.23 0.00	16.42 -0.25 0.00	15.57 -0.30 0.00	15.41 -0.24 0.00	14.95 -0.27 0.00	15.68 -0.38 0.00	14.54 -0.45 0.00	20.79 -0.76 0.00	24.93 -0.94 0.00	22.52 -0.92 0.00	23.00 -0.79 0.00	24.76 -0.80 0.00	20.00 -0.46 0.00	19.33 -0.35 0.00	15.85 -0.37 0.00	14.26 -0.49 0.02

WESTOVER___LESR 323668	9.76 0.11 -2.52	10.83 0.18 -2.04	14.76 0.25 -0.01	12.79 0.25 -0.77	16.62 0.29 0.00	16.26 0.26 -0.08	17.39 0.44 0.00	19.17 0.40 0.00	15.96 0.34 0.00	17.06 0.38 0.00	16.19 0.33 0.00	16.01 0.36 0.00	15.56 0.35 0.00	16.49 0.43 0.00	15.34 0.35 0.00	21.95 0.39 0.00	26.38 0.51 0.00	23.80 0.36 0.00	24.22 0.42 0.00	26.02 0.46 0.00	20.84 0.39 0.00	20.12 0.44 0.00	16.50 0.28 0.00	15.16 0.28 -0.11
WETHRSFD_WT_PWR 323626	8.53 -0.14 -1.54	9.72 -0.13 -1.25	14.29 -0.21 -0.01	12.20 -0.04 -0.47	16.19 -0.13 0.00	15.77 -0.20 -0.05	17.03 0.08 0.00	18.50 -0.27 0.00	15.46 -0.16 0.00	16.57 -0.11 0.00	15.70 -0.16 0.00	15.58 -0.07 0.00	15.12 -0.09 0.00	15.93 -0.13 0.00	14.77 -0.23 0.00	21.07 -0.49 0.00	25.23 -0.64 0.00	22.65 -0.79 0.00	23.10 -0.70 0.00	24.86 -0.70 0.00	20.02 -0.44 0.00	19.37 -0.31 0.00	15.87 -0.35 0.00	14.45 -0.44 -0.11
WHAVSTOR_138KV_BK127 55557	15.64 0.50 -8.00	15.68 0.57 -6.50	15.42 0.88 -0.04	14.96 0.73 -2.46	17.32 0.99 0.00	17.19 1.01 -0.25	18.05 1.09 0.00	20.05 1.28 0.00	16.75 1.13 0.00	17.91 1.24 0.00	17.11 1.25 0.00	19.37 1.28 -2.44	16.76 1.28 -0.27	21.90 1.39 -4.45	25.01 1.33 -8.69	26.48 1.73 -3.19	28.00 2.13 0.00	25.39 1.94 0.00	25.69 1.89 0.00	27.55 1.99 0.00	22.03 1.57 0.00	21.20 1.52 0.00	17.48 1.26 0.00	16.19 1.15 -0.27
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	15.64 0.50 -8.00	15.68 0.57 -6.50	15.42 0.88 -0.04	14.96 0.73 -2.46	17.32 0.99 0.00	17.19 1.01 -0.25	18.05 1.09 0.00	20.05 1.28 0.00	16.75 1.13 0.00	17.91 1.24 0.00	17.11 1.25 0.00	19.37 1.28 -2.44	16.76 1.28 -0.27	21.90 1.39 -4.45	25.01 1.33 -8.69	26.48 1.73 -3.19	28.00 2.13 0.00	25.39 1.94 0.00	25.69 1.89 0.00	27.55 1.99 0.00	22.03 1.57 0.00	21.20 1.52 0.00	17.48 1.26 0.00	16.19 1.15 -0.27
WHITEHAL_115KV_TB1 80871	19.41 0.41 -11.87	18.67 0.43 -9.63	15.23 0.67 -0.06	16.04 0.64 -3.64	17.11 0.78 0.00	17.14 0.84 -0.38	17.75 0.80 0.00	19.64 0.86 0.00	16.18 0.56 0.00	17.02 0.34 0.00	16.20 0.35 0.00	15.72 0.33 0.27	15.54 0.36 0.03	16.09 0.52 0.49	14.46 0.46 0.99	22.30 1.09 0.35	27.00 1.13 0.00	24.59 1.14 0.00	25.07 1.27 0.00	27.13 1.57 0.00	21.74 1.28 0.00	20.82 1.13 -0.01	17.23 1.01 0.00	16.03 0.88 -0.38
WHITEPLN_13_KV_LOAD 356215	16.41 0.57 -8.71	16.34 0.67 -7.07	15.58 1.03 -0.05	15.30 0.86 -2.67	17.48 1.16 0.00	17.36 1.16 -0.28	18.21 1.26 0.00	20.25 1.48 0.00	16.94 1.33 0.00	18.14 1.47 0.00	17.32 1.47 0.00	19.93 1.48 -2.79	17.01 1.49 -0.31	22.78 1.62 -5.10	26.48 1.52 -9.97	27.29 2.07 -3.66	28.39 2.53 0.00	25.76 2.31 0.00	26.05 2.25 0.00	27.94 2.39 0.00	22.34 1.88 0.00	21.47 1.78 0.00	17.68 1.46 0.00	16.38 1.31 -0.29
WM_FLOYD_69_KV_BK2 356380	16.54 0.69 -8.72	16.49 0.81 -7.08	15.76 1.21 -0.05	15.43 0.99 -2.68	17.66 1.33 0.00	17.56 1.36 -0.28	18.42 1.46 0.00	20.53 1.76 0.00	17.07 1.45 0.00	18.86 1.66 -0.53	25.82 1.78 -8.19	26.45 1.75 -9.04	26.84 1.70 -9.93	37.25 1.84 -19.35	27.90 1.69 -11.23	28.15 2.36 -4.23	29.00 2.84 -0.30	28.54 2.75 -2.34	26.42 2.62 0.00	28.25 2.69 0.00	22.68 2.23 0.00	21.97 2.29 0.00	18.04 1.82 0.00	16.60 1.54 -0.29
WOODARD__115KV_TB2 355635	7.87 -0.12 -0.86	9.16 -0.15 -0.70	14.24 -0.26 0.00	11.86 -0.16 -0.26	16.08 -0.25 0.00	15.70 -0.25 -0.03	16.77 -0.18 0.00	18.49 -0.28 0.00	15.40 -0.22 0.00	16.44 -0.23 0.00	15.64 -0.22 0.00	15.46 -0.20 0.00	15.01 -0.20 0.00	15.86 -0.19 0.00	14.80 -0.20 0.00	21.24 -0.32 0.00	25.52 -0.35 0.00	23.09 -0.35 0.00	23.49 -0.30 0.00	25.24 -0.32 0.00	20.23 -0.23 0.00	19.45 -0.23 0.00	15.97 -0.24 0.00	14.57 -0.24 -0.04
YORK___WARBASSE 23770	16.43 0.58 -8.72	16.36 0.67 -7.08	15.58 1.04 -0.05	15.30 0.85 -2.68	17.45 1.12 0.00	17.36 1.16 -0.28	18.24 1.29 0.00	20.29 1.52 0.00	17.00 1.38 0.00	18.23 1.56 0.00	17.43 1.57 0.00	20.05 1.60 -2.80	17.14 1.61 -0.31	22.92 1.75 -5.11	26.62 1.64 -9.98	27.44 2.21 -3.67	28.59 2.73 0.00	25.94 2.49 0.00	26.21 2.41 0.00	28.13 2.57 0.00	22.49 2.03 0.00	21.62 1.93 -0.01	17.80 1.59 0.00	16.49 1.42 -0.29