

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/28/2023

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	21.60	19.18	18.54	18.75	19.63	23.08	24.21	31.00	22.97	23.14	25.68	25.47	26.33	25.27	23.79	24.37	23.57	21.93	22.68	27.23	28.09	26.78	22.82	20.93
24138	1.70	1.49	1.48	1.49	1.46	1.73	2.17	2.90	2.36	2.25	2.43	2.40	2.43	2.37	2.18	2.38	2.36	2.33	2.31	2.62	2.67	2.54	2.04	1.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.49	0.00	0.00	0.00
74TH STREET_GT_1	21.59	19.17	18.53	18.74	19.62	23.06	24.19	30.96	22.93	23.09	25.62	25.42	26.28	25.22	23.75	24.32	23.52	21.88	22.64	27.20	28.07	26.75	22.81	20.92
24260	1.68	1.48	1.46	1.47	1.44	1.71	2.15	2.86	2.33	2.20	2.37	2.36	2.38	2.32	2.14	2.33	2.31	2.29	2.26	2.58	2.66	2.52	2.02	1.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.49	0.00	0.00	0.00
74TH STREET_GT_2	21.59	19.17	18.53	18.74	19.62	23.06	24.19	30.96	22.93	23.09	25.62	25.42	26.28	25.22	23.75	24.32	23.52	21.88	22.64	27.20	28.07	26.75	22.81	20.92
24261	1.68	1.48	1.46	1.47	1.44	1.71	2.15	2.86	2.33	2.20	2.37	2.36	2.38	2.32	2.14	2.33	2.31	2.29	2.26	2.58	2.66	2.52	2.02	1.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.49	0.00	0.00	0.00
ADK HUDSON___FALLS	21.19	18.86	18.20	18.44	19.35	22.88	24.12	30.57	22.27	22.25	24.64	24.37	25.19	24.15	22.67	23.23	22.64	21.28	22.23	26.76	27.82	26.36	22.39	20.51
24011	1.28	1.16	1.14	1.16	1.17	1.51	1.87	2.35	1.60	1.35	1.32	1.31	1.28	1.25	1.07	1.25	1.43	1.53	1.64	1.91	2.03	1.89	1.37	1.22
	0.00	0.00	0.00	-0.02	0.00	-0.02	-0.20	-0.13	-0.06	-0.01	-0.08	0.00	0.00	-0.01	0.00	0.00	0.00	-0.15	-0.21	-0.24	-0.87	-0.24	-0.24	-0.14
ADK RESOURCE___RCVRY	21.29	18.94	18.29	18.52	19.45	23.00	24.07	30.67	22.35	22.37	24.71	24.51	25.32	24.27	22.78	23.35	22.77	21.30	22.20	26.73	27.79	26.31	22.26	20.48
23798	1.38	1.25	1.22	1.25	1.27	1.64	2.02	2.57	1.75	1.48	1.46	1.44	1.42	1.37	1.18	1.37	1.56	1.71	1.82	2.12	2.24	2.07	1.48	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.63	0.00	0.00	0.00
ADK S GLENS___FALLS	21.19	18.86	18.20	18.44	19.35	22.88	24.12	30.57	22.27	22.25	24.64	24.37	25.19	24.15	22.67	23.23	22.64	21.28	22.23	26.76	27.82	26.36	22.39	20.51
24028	1.28	1.16	1.14	1.16	1.17	1.51	1.87	2.35	1.60	1.35	1.32	1.31	1.28	1.25	1.07	1.25	1.43	1.53	1.64	1.91	2.03	1.89	1.37	1.22
	0.00	0.00	0.00	-0.02	0.00	-0.02	-0.20	-0.13	-0.06	-0.01	-0.08	0.00	0.00	-0.01	0.00	0.00	0.00	-0.15	-0.21	-0.24	-0.87	-0.24	-0.24	-0.14
ADK_NYS___DAM	21.22	18.93	18.29	18.53	19.32	22.80	23.73	30.07	21.98	21.90	24.28	24.10	24.88	23.88	22.46	23.09	22.53	20.87	21.83	26.29	27.36	25.88	21.99	20.24
23527	1.31	1.24	1.23	1.27	1.15	1.44	1.68	1.97	1.38	1.01	1.03	1.04	0.98	0.98	0.86	1.11	1.33	1.27	1.46	1.68	1.84	1.65	1.21	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.00	0.00	0.00
AIR_PRODUCTS___DRP	20.42	18.24	17.64	17.88	18.71	22.05	23.16	29.33	21.49	21.48	23.92	23.68	24.46	23.40	22.04	22.59	21.91	20.46	21.36	25.69	26.68	25.29	21.56	19.74
24190	0.52	0.55	0.57	0.60	0.54	0.68	0.90	1.10	0.82	0.58	0.59	0.62	0.55	0.50	0.44	0.60	0.70	0.71	0.77	0.83	0.90	0.81	0.53	0.44
	0.00	0.00	0.00	-0.02	-0.01	-0.02	-0.21	-0.13	-0.07	-0.01	-0.08	0.00	0.00	-0.01	0.00	0.00	0.00	-0.15	-0.22	-0.25	-0.85	-0.25	-0.25	-0.14
AKWESSNE_115KV_BK	19.71	17.54	16.90	17.15	18.12	21.23	21.65	27.57	20.14	20.66	23.04	22.89	23.72	22.69	21.42	21.75	20.89	19.18	20.00	24.21	24.50	23.86	20.57	19.00
355683	-0.19	-0.15	-0.16	-0.12	-0.06	-0.12	-0.39	-0.53	-0.46	-0.23	-0.21	-0.18	-0.18	-0.21	-0.18	-0.24	-0.32	-0.41	-0.37	-0.41	-0.43	-0.38	-0.21	-0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	20.42	18.24	17.64	17.88	18.71	22.05	23.16	29.33	21.49	21.48	23.92	23.68	24.46	23.40	22.04	22.59	21.91	20.46	21.36	25.69	26.68	25.29	21.56	19.74
23571	0.52	0.55	0.57	0.60	0.54	0.68	0.90	1.10	0.82	0.58	0.59	0.62	0.55	0.50	0.44	0.60	0.70	0.71	0.77	0.83	0.90	0.81	0.53	0.44
	0.00	0.00	0.00	-0.02	-0.01	-0.02	-0.21	-0.13	-0.07	-0.01	-0.08	0.00	0.00	-0.01	0.00	0.00	0.00	-0.15	-0.22	-0.25	-0.85	-0.25	-0.25	-0.14
ALBANY___2	20.42	18.24	17.64	17.88	18.71	22.05	23.16	29.33	21.49	21.48	23.92	23.68	24.46	23.40	22.04	22.59	21.91	20.46	21.36	25.69	26.68	25.29	21.56	19.74
23572	0.52	0.55	0.57	0.60	0.54	0.68	0.90	1.10	0.82	0.58	0.59	0.62	0.55	0.50	0.44	0.60	0.70	0.71	0.77	0.83	0.90	0.81	0.53	0.44
	0.00	0.00	0.00	-0.02	-0.01	-0.02	-0.21	-0.13	-0.07	-0.01	-0.08	0.00	0.00	-0.01	0.00	0.00	0.00	-0.15	-0.22	-0.25	-0.85	-0.25	-0.25	-0.14
ALBANY___3	20.42	18.24	17.64	17.88	18.71	22.05	23.16	29.33	21.49	21.48	23.92	23.68	24.46	23.40	22.04	22.59	21.91	20.46	21.36	25.69	26.68	25.29	21.56	19.74
23573	0.52	0.55	0.57	0.60	0.54	0.68	0.90	1.10	0.82	0.58	0.59	0.62	0.55	0.50	0.44	0.60	0.70	0.71	0.77	0.83	0.90	0.81	0.53	0.44
	0.00	0.00	0.00	-0.02	-0.01	-0.02	-0.21	-0.13	-0.07	-0.01	-0.08	0.00	0.00	-0.01	0.00	0.00	0.00	-0.15	-0.22	-0.25	-0.85	-0.25	-0.25	-0.14

ALBANY___4 23574	20.42 0.52 0.00	18.24 0.55 0.00	17.64 0.57 0.00	17.88 0.60 -0.02	18.71 0.54 -0.01	22.05 0.68 -0.02	23.16 0.90 -0.21	29.33 1.10 -0.13	21.49 0.82 -0.07	21.48 0.58 -0.01	23.92 0.59 -0.08	23.68 0.62 0.00	24.46 0.55 0.00	23.40 0.50 -0.01	22.04 0.44 0.00	22.59 0.60 0.00	21.91 0.70 0.00	20.46 0.71 -0.15	21.36 0.77 -0.22	25.69 0.83 -0.25	26.68 0.90 -0.85	25.29 0.81 -0.25	21.56 0.53 -0.25	19.74 0.44 -0.14
ALBANY___LFGE 323615	20.75 0.84 0.00	18.50 0.81 0.00	17.88 0.82 0.00	18.10 0.84 0.00	18.96 0.79 0.00	22.36 1.00 0.00	23.29 1.25 0.00	29.66 1.57 0.00	21.75 1.15 0.00	21.81 0.92 0.00	24.21 0.96 0.00	24.04 0.98 0.00	24.82 0.92 0.00	23.78 0.88 0.00	22.28 0.68 0.00	22.77 0.79 0.00	22.11 0.90 0.00	20.49 0.89 0.00	21.32 0.95 0.00	25.68 1.07 0.00	26.67 1.14 -0.61	25.26 1.02 0.00	21.48 0.70 0.00	19.75 0.59 0.00
ALCOA_PA_115KV_PL-6C 55860	19.84 -0.07 0.00	17.63 -0.06 0.00	16.99 -0.07 0.00	17.24 -0.03 0.00	18.23 0.05 0.00	21.36 0.01 0.00	21.70 -0.34 0.00	27.60 -0.49 0.00	20.05 -0.55 0.00	20.67 -0.22 0.00	23.04 -0.21 0.00	22.96 -0.11 0.00	23.82 -0.08 0.00	22.77 -0.13 0.00	21.50 -0.10 0.00	21.83 -0.16 0.00	20.88 -0.33 0.00	19.19 -0.41 0.00	20.01 -0.36 0.00	24.23 -0.38 0.00	24.52 -0.40 0.00	23.88 -0.35 0.00	20.66 -0.12 0.00	19.09 -0.07 0.00
ALCOA_RYNLDS___DRP 24188	19.84 -0.07 0.00	17.63 -0.06 0.00	16.99 -0.07 0.00	17.24 -0.03 0.00	18.23 0.05 0.00	21.36 0.01 0.00	21.70 -0.34 0.00	27.60 -0.49 0.00	20.05 -0.55 0.00	20.67 -0.22 0.00	23.04 -0.21 0.00	22.96 -0.11 0.00	23.82 -0.08 0.00	22.77 -0.13 0.00	21.50 -0.10 0.00	21.83 -0.16 0.00	20.88 -0.33 0.00	19.19 -0.41 0.00	20.01 -0.36 0.00	24.23 -0.38 0.00	24.52 -0.40 0.00	23.88 -0.35 0.00	20.66 -0.12 0.00	19.09 -0.07 0.00
ALCOA___DSASP 323711	19.84 -0.07 0.00	17.63 -0.06 0.00	17.00 -0.07 0.00	17.24 -0.03 0.00	18.23 0.05 0.00	21.36 0.01 0.00	21.70 -0.35 0.00	27.60 -0.49 0.00	20.05 -0.55 0.00	20.67 -0.22 0.00	23.04 -0.21 0.00	22.96 -0.11 0.00	23.82 -0.08 0.00	22.77 -0.13 0.00	21.50 -0.10 0.00	21.83 -0.15 0.00	20.88 -0.33 0.00	19.19 -0.41 0.00	20.00 -0.37 0.00	24.23 -0.38 0.00	24.52 -0.40 0.00	23.88 -0.35 0.00	20.66 -0.12 0.00	19.09 -0.07 0.00
ALLEGHENY___COGEN 23514	20.74 0.83 0.00	18.25 0.56 0.00	17.58 0.51 0.00	20.68 0.41 -3.00	19.93 0.51 -1.24	27.40 0.75 -5.29	61.19 1.16 -37.98	74.40 1.78 -44.52	44.44 1.17 -22.67	23.86 0.75 -2.22	37.69 0.66 -13.78	23.63 0.57 0.00	25.08 0.46 -0.71	25.35 0.62 -1.82	22.09 0.49 0.00	22.04 0.06 0.00	21.19 -0.02 0.00	42.97 0.16 -23.21	54.41 0.18 -33.86	63.17 0.23 -38.34	64.14 0.29 -38.93	62.33 0.11 -37.98	61.77 -0.03 -41.02	51.57 -0.16 -32.57
ALTAMONT_115KV_TB 2 55880	20.59 0.69 0.00	18.34 0.65 0.00	17.72 0.65 0.00	17.95 0.66 -0.02	18.81 0.63 -0.01	22.16 0.79 -0.02	23.27 1.01 -0.21	29.51 1.28 -0.13	21.62 0.95 -0.07	21.66 0.76 -0.01	24.11 0.79 -0.08	23.86 0.79 0.00	24.69 0.78 0.00	23.64 0.74 -0.01	22.27 0.67 0.00	22.76 0.78 0.00	22.07 0.85 0.00	20.63 0.88 -0.15	21.52 0.93 -0.22	25.92 1.06 -0.25	26.88 1.11 -0.85	25.52 1.04 -0.25	21.84 0.81 -0.25	20.00 0.70 -0.14
ALTONA_WT_PWR 323606	19.87 -0.03 0.00	17.63 -0.06 0.00	16.99 -0.07 0.00	17.32 0.05 0.00	18.29 0.11 0.00	21.54 0.18 0.00	22.17 0.13 0.00	28.25 0.16 0.00	20.81 0.21 0.00	21.39 0.50 0.00	23.75 0.50 0.00	23.36 0.30 0.00	23.85 -0.05 0.00	22.85 -0.05 0.00	21.45 -0.15 0.00	21.89 -0.09 0.00	21.03 -0.18 0.00	19.51 -0.09 0.00	20.41 0.04 0.00	24.84 0.23 0.00	25.19 0.27 0.00	24.25 0.02 0.00	20.73 -0.05 0.00	19.15 -0.01 0.00
AMERICAN_REF_FUEL 24010	19.48 -0.42 0.00	17.13 -0.56 0.00	16.50 -0.57 0.00	15.72 -0.71 0.84	17.05 -0.78 0.35	18.97 -0.91 1.47	10.83 -0.64 10.58	15.23 -0.62 12.25	14.04 -0.29 6.27	19.58 -0.70 0.61	18.80 -0.65 3.80	22.27 -0.80 0.00	23.04 -0.67 0.20	21.72 -0.68 0.50	20.95 -0.65 0.00	21.07 -0.91 0.00	20.15 -1.06 0.00	13.41 -0.53 5.65	11.50 -0.63 8.24	14.41 -0.87 9.33	14.65 -0.91 9.37	14.00 -0.99 9.24	9.73 -1.11 9.94	10.31 -0.92 7.93
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.00 0.09 0.00	17.51 -0.18 0.00	16.85 -0.21 0.00	16.16 -0.34 0.78	17.54 -0.31 0.32	19.67 -0.32 1.37	12.24 0.02 9.82	16.94 0.49 11.64	15.11 0.48 5.97	20.64 0.33 0.58	19.99 0.36 3.61	23.21 0.15 0.00	23.79 0.07 0.19	22.41 -0.01 0.48	21.66 0.06 0.00	21.73 -0.26 0.00	20.69 -0.52 0.00	13.85 -0.16 5.58	11.85 -0.38 8.14	14.84 -0.56 9.22	14.98 -0.70 9.25	14.31 -0.80 9.13	10.06 -0.86 9.86	10.56 -0.76 7.83
ARTHUR_KILL_GT_1 23520	21.50 1.59 0.00	19.10 1.41 0.00	18.48 1.41 0.00	18.68 1.42 0.00	19.57 1.39 0.00	22.98 1.62 0.00	24.11 2.06 0.00	30.76 2.67 0.00	22.78 2.18 0.00	22.95 2.05 0.00	25.43 2.18 0.00	25.22 2.15 0.00	26.06 2.16 0.00	25.02 2.12 0.00	23.56 1.96 0.00	24.15 2.17 0.00	23.35 2.14 0.00	21.74 2.15 0.00	22.46 2.09 0.00	27.04 2.43 0.00	27.92 2.50 -0.49	26.64 2.40 0.00	22.70 1.91 0.00	20.93 1.64 -0.14
ARTHUR_KILL_2 23512	21.45 1.55 0.00	19.06 1.37 0.00	18.44 1.37 0.00	18.65 1.38 0.00	19.51 1.34 0.00	22.92 1.57 0.00	24.05 2.00 0.00	30.69 2.60 0.00	22.73 2.12 0.00	22.89 2.00 0.00	25.37 2.12 0.00	25.15 2.09 0.00	26.00 2.10 0.00	24.96 2.06 0.00	23.51 1.91 0.00	24.09 2.11 0.00	23.29 2.08 0.00	21.69 2.09 0.00	22.40 2.03 0.00	26.97 2.36 0.00	27.85 2.43 -0.49	26.57 2.34 0.00	22.64 1.86 0.00	20.89 1.59 -0.14
ARTHUR_KILL_3 23513	21.38 1.47 0.00	18.98 1.29 0.00	18.36 1.30 0.00	18.57 1.30 0.00	19.42 1.25 0.00	22.83 1.47 0.00	23.93 1.89 0.00	30.60 2.50 0.00	22.67 2.07 0.00	22.85 1.96 0.00	25.33 2.08 0.00	25.12 2.05 0.00	25.97 2.06 0.00	24.92 2.02 0.00	23.46 1.86 0.00	24.03 2.05 0.00	23.25 2.04 0.00	21.63 2.04 0.00	22.38 2.01 0.00	26.88 2.27 0.00	27.77 2.35 -0.49	26.47 2.23 0.00	22.56 1.77 0.00	20.69 1.54 0.00
ARTHUR_KILL_COGEN 323718	21.50 1.59 0.00	19.10 1.41 0.00	18.48 1.41 0.00	18.68 1.42 0.00	19.57 1.39 0.00	22.98 1.62 0.00	24.11 2.06 0.00	30.76 2.67 0.00	22.78 2.18 0.00	22.95 2.05 0.00	25.43 2.18 0.00	25.22 2.15 0.00	26.06 2.16 0.00	25.02 2.12 0.00	23.56 1.96 0.00	24.15 2.17 0.00	23.35 2.14 0.00	21.74 2.15 0.00	22.46 2.09 0.00	27.04 2.43 0.00	27.92 2.50 -0.49	26.64 2.40 0.00	22.70 1.91 0.00	20.93 1.64 -0.14
ASHOKAN____ 23654	20.79 0.89 0.00	18.51 0.82 0.00	17.89 0.83 0.00	18.11 0.85 0.00	18.99 0.82 0.00	22.42 1.06 0.00	23.39 1.35 0.00	29.72 1.62 0.00	21.85 1.25 0.00	21.87 0.97 0.00	24.19 0.94 0.00	23.98 0.92 0.00	24.82 0.92 0.00	23.73 0.83 0.00	22.40 0.80 0.00	23.01 1.03 0.00	22.33 1.13 0.00	20.77 1.17 0.00	21.60 1.23 0.00	26.08 1.47 0.00	27.01 1.55 -0.55	25.63 1.40 0.00	21.80 1.02 0.00	20.04 0.88 0.00

ASTORIA_EAST_ENERGY_CC1 323581	21.45 1.55 0.00	19.04 1.35 0.00	18.41 1.35 0.00	18.62 1.35 0.00	19.49 1.32 0.00	22.85 1.49 0.00	24.00 1.96 0.00	30.75 2.65 0.00	22.77 2.17 0.00	22.89 2.00 0.00	25.35 2.10 0.00	25.18 2.12 0.00	26.03 2.13 0.00	24.99 2.10 0.00	23.56 1.96 0.00	24.11 2.13 0.00	23.31 2.10 0.00	21.69 2.09 0.00	22.42 2.05 0.00	26.92 2.31 0.00	27.85 2.43 -0.49	26.53 2.30 0.00	22.64 1.86 0.00	20.93 1.64 -0.14
ASTORIA_EAST_ENERGY_CC2 323582	21.45 1.55 0.00	19.04 1.35 0.00	18.41 1.35 0.00	18.62 1.35 0.00	19.49 1.32 0.00	22.85 1.49 0.00	24.00 1.96 0.00	30.75 2.65 0.00	22.77 2.17 0.00	22.89 2.00 0.00	25.35 2.10 0.00	25.18 2.12 0.00	26.03 2.13 0.00	24.99 2.10 0.00	23.56 1.96 0.00	24.11 2.13 0.00	23.31 2.10 0.00	21.69 2.09 0.00	22.42 2.05 0.00	26.92 2.31 0.00	27.85 2.43 -0.49	26.53 2.30 0.00	22.64 1.86 0.00	20.93 1.64 -0.14
ASTORIA_GT2_1 24094	21.45 1.55 0.00	19.05 1.36 0.00	18.42 1.36 0.00	18.63 1.36 0.00	19.50 1.32 0.00	22.86 1.50 0.00	24.02 1.97 0.00	30.76 2.66 0.00	22.78 2.18 0.00	22.90 2.01 0.00	25.37 2.12 0.00	25.20 2.13 0.00	26.05 2.14 0.00	25.01 2.11 0.00	23.57 1.97 0.00	24.12 2.14 0.00	23.33 2.12 0.00	21.70 2.11 0.00	22.43 2.06 0.00	26.94 2.33 0.00	27.87 2.45 -0.49	26.55 2.31 0.00	22.65 1.87 0.00	20.94 1.65 -0.14
ASTORIA_GT2_2 24095	21.45 1.55 0.00	19.05 1.36 0.00	18.42 1.36 0.00	18.63 1.36 0.00	19.50 1.32 0.00	22.86 1.50 0.00	24.02 1.97 0.00	30.76 2.66 0.00	22.78 2.18 0.00	22.90 2.01 0.00	25.37 2.12 0.00	25.20 2.13 0.00	26.05 2.14 0.00	25.01 2.11 0.00	23.57 1.97 0.00	24.12 2.14 0.00	23.33 2.12 0.00	21.70 2.11 0.00	22.43 2.06 0.00	26.94 2.33 0.00	27.87 2.45 -0.49	26.55 2.31 0.00	22.65 1.87 0.00	20.94 1.65 -0.14
ASTORIA_GT2_3 24096	21.45 1.55 0.00	19.05 1.36 0.00	18.42 1.36 0.00	18.63 1.36 0.00	19.50 1.32 0.00	22.86 1.50 0.00	24.02 1.97 0.00	30.76 2.66 0.00	22.78 2.18 0.00	22.90 2.01 0.00	25.37 2.12 0.00	25.20 2.13 0.00	26.05 2.14 0.00	25.01 2.11 0.00	23.57 1.97 0.00	24.12 2.14 0.00	23.33 2.12 0.00	21.70 2.11 0.00	22.43 2.06 0.00	26.94 2.33 0.00	27.87 2.45 -0.49	26.55 2.31 0.00	22.65 1.87 0.00	20.94 1.65 -0.14
ASTORIA_GT2_4 24097	21.45 1.55 0.00	19.05 1.36 0.00	18.42 1.36 0.00	18.63 1.36 0.00	19.50 1.32 0.00	22.86 1.50 0.00	24.02 1.97 0.00	30.76 2.66 0.00	22.78 2.18 0.00	22.90 2.01 0.00	25.37 2.12 0.00	25.20 2.13 0.00	26.05 2.14 0.00	25.01 2.11 0.00	23.57 1.97 0.00	24.12 2.14 0.00	23.33 2.12 0.00	21.70 2.11 0.00	22.43 2.06 0.00	26.94 2.33 0.00	27.87 2.45 -0.49	26.55 2.31 0.00	22.65 1.87 0.00	20.94 1.65 -0.14
ASTORIA_GT3_1 24098	21.45 1.55 0.00	19.05 1.36 0.00	18.42 1.36 0.00	18.63 1.36 0.00	19.50 1.32 0.00	22.86 1.50 0.00	24.02 1.97 0.00	30.76 2.66 0.00	22.78 2.18 0.00	22.90 2.01 0.00	25.37 2.12 0.00	25.20 2.13 0.00	26.05 2.14 0.00	25.01 2.11 0.00	23.57 1.97 0.00	24.12 2.14 0.00	23.33 2.12 0.00	21.70 2.11 0.00	22.43 2.06 0.00	26.94 2.33 0.00	27.87 2.45 -0.49	26.55 2.31 0.00	22.65 1.87 0.00	20.94 1.65 -0.14
ASTORIA_GT3_2 24099	21.45 1.55 0.00	19.05 1.36 0.00	18.42 1.36 0.00	18.63 1.36 0.00	19.50 1.32 0.00	22.86 1.50 0.00	24.02 1.97 0.00	30.76 2.66 0.00	22.78 2.18 0.00	22.90 2.01 0.00	25.37 2.12 0.00	25.20 2.13 0.00	26.05 2.14 0.00	25.01 2.11 0.00	23.57 1.97 0.00	24.12 2.14 0.00	23.33 2.12 0.00	21.70 2.11 0.00	22.43 2.06 0.00	26.94 2.33 0.00	27.87 2.45 -0.49	26.55 2.31 0.00	22.65 1.87 0.00	20.94 1.65 -0.14
ASTORIA_GT3_3 24100	21.45 1.55 0.00	19.05 1.36 0.00	18.42 1.36 0.00	18.63 1.36 0.00	19.50 1.32 0.00	22.86 1.50 0.00	24.02 1.97 0.00	30.76 2.66 0.00	22.78 2.18 0.00	22.90 2.01 0.00	25.37 2.12 0.00	25.20 2.13 0.00	26.05 2.14 0.00	25.01 2.11 0.00	23.57 1.97 0.00	24.12 2.14 0.00	23.33 2.12 0.00	21.70 2.11 0.00	22.43 2.06 0.00	26.94 2.33 0.00	27.87 2.45 -0.49	26.55 2.31 0.00	22.65 1.87 0.00	20.94 1.65 -0.14
ASTORIA_GT3_4 24101	21.45 1.55 0.00	19.05 1.36 0.00	18.42 1.36 0.00	18.63 1.36 0.00	19.50 1.32 0.00	22.86 1.50 0.00	24.02 1.97 0.00	30.76 2.66 0.00	22.78 2.18 0.00	22.90 2.01 0.00	25.37 2.12 0.00	25.20 2.13 0.00	26.05 2.14 0.00	25.01 2.11 0.00	23.57 1.97 0.00	24.12 2.14 0.00	23.33 2.12 0.00	21.70 2.11 0.00	22.43 2.06 0.00	26.94 2.33 0.00	27.87 2.45 -0.49	26.55 2.31 0.00	22.65 1.87 0.00	20.94 1.65 -0.14
ASTORIA_GT4_1 24102	21.45 1.55 0.00	19.05 1.36 0.00	18.42 1.36 0.00	18.63 1.36 0.00	19.50 1.32 0.00	22.86 1.50 0.00	24.02 1.97 0.00	30.76 2.66 0.00	22.78 2.18 0.00	22.90 2.01 0.00	25.37 2.12 0.00	25.20 2.13 0.00	26.05 2.14 0.00	25.01 2.11 0.00	23.57 1.97 0.00	24.12 2.14 0.00	23.33 2.12 0.00	21.70 2.11 0.00	22.43 2.06 0.00	26.94 2.33 0.00	27.87 2.45 -0.49	26.55 2.31 0.00	22.65 1.87 0.00	20.94 1.65 -0.14
ASTORIA_GT4_2 24103	21.45 1.55 0.00	19.05 1.36 0.00	18.42 1.36 0.00	18.63 1.36 0.00	19.50 1.32 0.00	22.86 1.50 0.00	24.02 1.97 0.00	30.76 2.66 0.00	22.78 2.18 0.00	22.90 2.01 0.00	25.37 2.12 0.00	25.20 2.13 0.00	26.05 2.14 0.00	25.01 2.11 0.00	23.57 1.97 0.00	24.12 2.14 0.00	23.33 2.12 0.00	21.70 2.11 0.00	22.43 2.06 0.00	26.94 2.33 0.00	27.87 2.45 -0.49	26.55 2.31 0.00	22.65 1.87 0.00	20.94 1.65 -0.14
ASTORIA_GT4_3 24104	21.45 1.55 0.00	19.05 1.36 0.00	18.42 1.36 0.00	18.63 1.36 0.00	19.50 1.32 0.00	22.86 1.50 0.00	24.02 1.97 0.00	30.76 2.66 0.00	22.78 2.18 0.00	22.90 2.01 0.00	25.37 2.12 0.00	25.20 2.13 0.00	26.05 2.14 0.00	25.01 2.11 0.00	23.57 1.97 0.00	24.12 2.14 0.00	23.33 2.12 0.00	21.70 2.11 0.00	22.43 2.06 0.00	26.94 2.33 0.00	27.87 2.45 -0.49	26.55 2.31 0.00	22.65 1.87 0.00	20.94 1.65 -0.14
ASTORIA_GT4_4 24105	21.45 1.55 0.00	19.05 1.36 0.00	18.42 1.36 0.00	18.63 1.36 0.00	19.50 1.32 0.00	22.86 1.50 0.00	24.02 1.97 0.00	30.76 2.66 0.00	22.78 2.18 0.00	22.90 2.01 0.00	25.37 2.12 0.00	25.20 2.13 0.00	26.05 2.14 0.00	25.01 2.11 0.00	23.57 1.97 0.00	24.12 2.14 0.00	23.33 2.12 0.00	21.70 2.11 0.00	22.43 2.06 0.00	26.94 2.33 0.00	27.87 2.45 -0.49	26.55 2.31 0.00	22.65 1.87 0.00	20.94 1.65 -0.14
ASTORIA_GT_1 23523	21.49 1.59 0.00	19.08 1.39 0.00	18.45 1.38 0.00	18.65 1.38 0.00	19.53 1.35 0.00	22.89 1.54 0.00	24.06 2.01 0.00	30.82 2.72 0.00	22.83 2.22 0.00	22.95 2.06 0.00	25.42 2.17 0.00	25.25 2.18 0.00	26.10 2.19 0.00	25.06 2.16 0.00	23.62 2.02 0.00	24.17 2.19 0.00	23.37 2.16 0.00	21.74 2.15 0.00	22.47 2.10 0.00	26.99 2.38 0.00	27.92 2.50 -0.49	26.60 2.36 0.00	22.69 1.91 0.00	20.98 1.68 -0.14

ASTORIA_GT_10 24110	21.51 1.61 0.00	19.10 1.41 0.00	18.47 1.40 0.00	18.68 1.41 0.00	19.55 1.38 0.00	22.96 1.61 0.00	24.09 2.04 0.00	30.83 2.73 0.00	22.83 2.23 0.00	22.98 2.09 0.00	25.48 2.23 0.00	25.28 2.22 0.00	26.14 2.24 0.00	25.09 2.20 0.00	23.64 2.03 0.00	24.20 2.22 0.00	23.41 2.20 0.00	21.79 2.19 0.00	22.52 2.15 0.00	27.05 2.44 0.00	27.94 2.52 -0.49	26.63 2.39 0.00	22.71 1.93 0.00	20.98 1.69 -0.14
ASTORIA_GT_11 24225	21.51 1.61 0.00	19.10 1.41 0.00	18.47 1.40 0.00	18.68 1.41 0.00	19.55 1.38 0.00	22.96 1.61 0.00	24.09 2.04 0.00	30.83 2.73 0.00	22.83 2.23 0.00	22.98 2.09 0.00	25.48 2.23 0.00	25.28 2.22 0.00	26.14 2.24 0.00	25.09 2.20 0.00	23.64 2.03 0.00	24.20 2.22 0.00	23.41 2.20 0.00	21.79 2.19 0.00	22.52 2.15 0.00	27.05 2.44 0.00	27.94 2.52 -0.49	26.63 2.39 0.00	22.71 1.93 0.00	20.98 1.69 -0.14
ASTORIA_GT_12 24226	21.51 1.61 0.00	19.10 1.41 0.00	18.47 1.40 0.00	18.68 1.41 0.00	19.55 1.38 0.00	22.96 1.61 0.00	24.09 2.04 0.00	30.83 2.73 0.00	22.83 2.23 0.00	22.98 2.09 0.00	25.48 2.23 0.00	25.28 2.22 0.00	26.14 2.24 0.00	25.09 2.20 0.00	23.64 2.03 0.00	24.20 2.22 0.00	23.41 2.20 0.00	21.79 2.19 0.00	22.52 2.15 0.00	27.05 2.44 0.00	27.94 2.52 -0.49	26.63 2.39 0.00	22.71 1.93 0.00	20.98 1.69 -0.14
ASTORIA_GT_13 24227	21.51 1.61 0.00	19.10 1.41 0.00	18.47 1.40 0.00	18.68 1.41 0.00	19.55 1.38 0.00	22.96 1.61 0.00	24.09 2.04 0.00	30.83 2.73 0.00	22.83 2.23 0.00	22.98 2.09 0.00	25.48 2.23 0.00	25.28 2.22 0.00	26.14 2.24 0.00	25.09 2.20 0.00	23.64 2.03 0.00	24.20 2.22 0.00	23.41 2.20 0.00	21.79 2.19 0.00	22.52 2.15 0.00	27.05 2.44 0.00	27.94 2.52 -0.49	26.63 2.39 0.00	22.71 1.93 0.00	20.98 1.69 -0.14
ASTORIA_GT_5 24106	21.49 1.59 0.00	19.08 1.39 0.00	18.45 1.38 0.00	18.65 1.38 0.00	19.53 1.35 0.00	22.89 1.54 0.00	24.06 2.01 0.00	30.82 2.72 0.00	22.83 2.22 0.00	22.95 2.06 0.00	25.42 2.17 0.00	25.25 2.18 0.00	26.10 2.19 0.00	25.06 2.16 0.00	23.62 2.02 0.00	24.17 2.19 0.00	23.37 2.16 0.00	21.74 2.15 0.00	22.47 2.10 0.00	26.99 2.38 0.00	27.92 2.50 -0.49	26.60 2.36 0.00	22.69 1.91 0.00	20.98 1.68 -0.14
ASTORIA_GT_7 24107	21.49 1.59 0.00	19.08 1.39 0.00	18.45 1.38 0.00	18.65 1.38 0.00	19.53 1.35 0.00	22.89 1.54 0.00	24.06 2.01 0.00	30.82 2.72 0.00	22.83 2.22 0.00	22.95 2.06 0.00	25.42 2.17 0.00	25.25 2.18 0.00	26.10 2.19 0.00	25.06 2.16 0.00	23.62 2.02 0.00	24.17 2.19 0.00	23.37 2.16 0.00	21.74 2.15 0.00	22.47 2.10 0.00	26.99 2.38 0.00	27.92 2.50 -0.49	26.60 2.36 0.00	22.69 1.91 0.00	20.98 1.68 -0.14
ASTORIA_GT_8 24108	21.49 1.59 0.00	19.08 1.39 0.00	18.45 1.38 0.00	18.65 1.38 0.00	19.53 1.35 0.00	22.89 1.54 0.00	24.06 2.01 0.00	30.82 2.72 0.00	22.83 2.22 0.00	22.95 2.06 0.00	25.42 2.17 0.00	25.25 2.18 0.00	26.10 2.19 0.00	25.06 2.16 0.00	23.62 2.02 0.00	24.17 2.19 0.00	23.37 2.16 0.00	21.74 2.15 0.00	22.47 2.10 0.00	26.99 2.38 0.00	27.92 2.50 -0.49	26.60 2.36 0.00	22.69 1.91 0.00	20.98 1.68 -0.14
ASTORIA___2 24149	21.45 1.55 0.00	19.05 1.36 0.00	18.42 1.36 0.00	18.63 1.36 0.00	19.50 1.32 0.00	22.86 1.50 0.00	24.02 1.97 0.00	30.76 2.66 0.00	22.78 2.18 0.00	22.90 2.01 0.00	25.37 2.12 0.00	25.20 2.13 0.00	26.05 2.14 0.00	25.01 2.11 0.00	23.57 1.97 0.00	24.12 2.14 0.00	23.33 2.12 0.00	21.70 2.11 0.00	22.43 2.06 0.00	26.94 2.33 0.00	27.87 2.45 -0.49	26.55 2.31 0.00	22.65 1.87 0.00	20.94 1.65 -0.14
ASTORIA___3 23516	21.51 1.61 0.00	19.10 1.41 0.00	18.47 1.40 0.00	18.68 1.41 0.00	19.55 1.38 0.00	22.96 1.61 0.00	24.09 2.04 0.00	30.83 2.73 0.00	22.83 2.23 0.00	22.98 2.09 0.00	25.48 2.23 0.00	25.28 2.22 0.00	26.14 2.24 0.00	25.09 2.20 0.00	23.64 2.03 0.00	24.20 2.22 0.00	23.41 2.20 0.00	21.79 2.19 0.00	22.52 2.15 0.00	27.05 2.44 0.00	27.94 2.52 -0.49	26.63 2.39 0.00	22.71 1.93 0.00	20.98 1.69 -0.14
ASTORIA___4 23517	21.52 1.61 0.00	19.10 1.41 0.00	18.47 1.40 0.00	18.70 1.41 -0.02	19.55 1.38 -0.01	22.98 1.61 -0.02	24.39 2.08 -0.27	31.00 2.73 -0.17	22.92 2.23 -0.08	23.00 2.09 -0.02	25.58 2.23 -0.10	25.29 2.22 0.00	26.15 2.25 0.00	25.11 2.20 -0.01	23.66 2.06 0.00	24.20 2.22 0.00	23.41 2.20 0.00	22.00 2.21 -0.20	22.86 2.20 -0.28	27.37 2.44 -0.32	28.26 2.52 -0.82	26.95 2.39 -0.32	23.05 1.94 -0.33	21.18 1.70 -0.33
ASTORIA___5 23518	21.51 1.61 0.00	19.10 1.41 0.00	18.47 1.40 0.00	18.68 1.41 0.00	19.55 1.38 0.00	22.96 1.61 0.00	24.09 2.04 0.00	30.83 2.73 0.00	22.83 2.23 0.00	22.98 2.09 0.00	25.48 2.23 0.00	25.28 2.22 0.00	26.14 2.24 0.00	25.09 2.20 0.00	23.64 2.03 0.00	24.20 2.22 0.00	23.41 2.20 0.00	21.79 2.19 0.00	22.52 2.15 0.00	27.05 2.44 0.00	27.94 2.52 -0.49	26.63 2.39 0.00	22.71 1.93 0.00	20.98 1.69 -0.14
AST_ENERGY_2_CC3 323677	21.45 1.55 0.00	19.05 1.36 0.00	18.42 1.35 0.00	18.63 1.36 0.00	19.49 1.32 0.00	22.90 1.55 0.00	23.99 1.94 0.00	30.68 2.58 0.00	22.73 2.13 0.00	22.89 2.00 0.00	25.41 2.16 0.00	25.21 2.14 0.00	26.06 2.16 0.00	25.01 2.11 0.00	23.55 1.95 0.00	24.12 2.14 0.00	23.32 2.11 0.00	21.70 2.10 0.00	22.45 2.08 0.00	26.97 2.35 0.00	27.84 2.42 -0.49	26.54 2.30 0.00	22.64 1.86 0.00	20.77 1.62 0.00
AST_ENERGY_2_CC4 323678	21.45 1.55 0.00	19.05 1.36 0.00	18.42 1.35 0.00	18.63 1.36 0.00	19.49 1.32 0.00	22.90 1.55 0.00	23.99 1.94 0.00	30.68 2.58 0.00	22.73 2.13 0.00	22.89 2.00 0.00	25.41 2.16 0.00	25.21 2.14 0.00	26.06 2.16 0.00	25.01 2.11 0.00	23.55 1.95 0.00	24.12 2.14 0.00	23.32 2.11 0.00	21.70 2.10 0.00	22.45 2.08 0.00	26.97 2.35 0.00	27.84 2.42 -0.49	26.54 2.30 0.00	22.64 1.86 0.00	20.77 1.62 0.00
ATHENS_STG_1 23668	20.75 0.85 0.00	18.46 0.77 0.00	17.84 0.77 0.00	18.05 0.78 0.00	18.92 0.75 0.00	22.26 0.91 0.00	23.21 1.16 0.00	29.61 1.52 0.00	21.78 1.18 0.00	21.92 1.03 0.00	24.34 1.09 0.00	24.15 1.08 0.00	24.99 1.08 0.00	23.95 1.05 0.00	22.55 0.95 0.00	23.06 1.08 0.00	22.33 1.12 0.00	20.73 1.14 0.00	21.53 1.15 0.00	25.93 1.31 0.00	26.83 1.37 -0.54	25.53 1.29 0.00	21.81 1.04 0.00	20.06 0.90 0.00
ATHENS_STG_2 23670	20.75 0.85 0.00	18.46 0.77 0.00	17.84 0.77 0.00	18.05 0.78 0.00	18.92 0.75 0.00	22.26 0.91 0.00	23.21 1.16 0.00	29.61 1.52 0.00	21.78 1.18 0.00	21.92 1.03 0.00	24.34 1.09 0.00	24.15 1.08 0.00	24.99 1.08 0.00	23.95 1.05 0.00	22.55 0.95 0.00	23.06 1.08 0.00	22.33 1.12 0.00	20.73 1.14 0.00	21.53 1.15 0.00	25.93 1.31 0.00	26.83 1.37 -0.54	25.53 1.29 0.00	21.81 1.04 0.00	20.06 0.90 0.00

ATHENS_STG_3 23677	20.75 0.85 0.00	18.46 0.77 0.00	17.84 0.77 0.00	18.05 0.78 0.00	18.92 0.75 0.00	22.26 0.91 0.00	23.21 1.16 0.00	29.61 1.52 0.00	21.78 1.18 0.00	21.92 1.03 0.00	24.34 1.09 0.00	24.15 1.08 0.00	24.99 1.08 0.00	23.95 1.05 0.00	22.55 0.95 0.00	23.06 1.08 0.00	22.33 1.12 0.00	20.73 1.14 0.00	21.53 1.15 0.00	25.93 1.31 0.00	26.83 1.37 -0.54	25.53 1.29 0.00	21.81 1.04 0.00	20.06 0.90 0.00
AUBURN____LFGE 323710	20.17 0.27 0.00	17.88 0.19 0.00	17.31 0.24 0.00	17.59 0.22 -0.10	18.38 0.17 -0.03	21.74 0.29 -0.10	23.82 0.51 -1.27	29.79 0.92 -0.77	21.65 0.67 -0.38	21.52 0.56 -0.07	24.30 0.58 -0.47	23.55 0.48 0.00	24.45 0.52 -0.03	23.48 0.53 -0.05	22.18 0.57 0.00	22.60 0.61 0.00	21.77 0.56 0.00	21.16 0.63 -0.93	22.23 0.51 -1.35	26.83 0.69 -1.53	27.23 0.69 -1.62	26.39 0.63 -1.52	22.71 0.38 -1.55	20.40 0.37 -0.87
BABYLON_RES_REC 323704	48.07 2.03 -26.13	19.45 1.76 0.00	18.79 1.73 0.00	19.01 1.74 0.00	19.86 1.68 0.00	23.38 2.02 0.00	24.66 2.53 -0.08	31.55 3.46 0.00	23.16 2.56 0.00	23.21 2.32 0.00	26.17 2.60 -0.32	27.99 2.59 -2.34	33.22 2.55 -6.77	46.47 2.58 -21.00	36.06 2.39 -12.07	60.02 2.59 -35.45	35.86 2.58 -12.07	88.42 2.54 -66.28	33.96 2.57 -11.02	61.01 2.92 -33.48	38.04 3.01 -10.10	27.09 2.85 0.00	23.12 2.34 0.00	21.12 1.97 0.00
BABYLON__69_KV_BK2 356345	48.28 2.24 -26.13	19.62 1.93 0.00	18.96 1.90 0.00	19.20 1.91 -0.02	20.04 1.86 -0.01	23.58 2.20 -0.02	25.15 2.75 -0.36	31.97 3.70 -0.17	23.43 2.74 -0.08	23.39 2.48 -0.02	26.45 2.78 -0.42	28.16 2.76 -2.34	33.40 2.73 -6.77	46.66 2.75 -21.01	36.25 2.58 -12.07	60.20 2.77 -35.45	36.05 2.77 -12.07	88.81 2.73 -66.48	34.44 2.77 -11.30	61.54 3.12 -33.80	38.57 3.22 -10.43	27.62 3.07 -0.32	23.65 2.54 -0.33	21.50 2.16 -0.19
BARON_WINDS____WT_PWR 323822	19.94 0.03 0.00	17.57 -0.12 0.00	16.94 -0.12 0.00	11.85 -0.19 5.23	15.92 -0.09 2.16	12.14 -0.01 9.20	-43.75 0.33 66.12	-48.75 0.56 77.42	-18.42 0.38 39.40	17.22 0.18 3.86	-0.47 0.19 23.92	23.15 0.09 0.00	22.74 0.08 1.24	19.88 0.14 3.16	21.85 0.25 0.00	22.08 0.09 0.00	21.00 -0.21 0.00	-19.50 -0.08 39.01	-36.74 -0.21 56.90	-40.09 -0.28 64.43	-40.57 -0.34 65.16	-40.05 -0.45 63.83	-48.53 -0.37 68.93	-36.08 -0.49 54.75
BARRETT_IC_1 23704	47.90 1.86 -26.13	19.31 1.62 0.00	18.65 1.58 0.00	18.86 1.59 0.00	19.69 1.51 0.00	23.14 1.78 0.00	24.37 2.24 -0.08	31.07 2.97 0.00	22.85 2.25 0.00	22.95 2.06 0.00	25.98 2.41 -0.32	27.85 2.45 -2.34	33.14 2.47 -6.77	46.29 2.40 -21.00	35.87 2.20 -12.07	59.78 2.35 -35.45	35.61 2.33 -12.07	88.16 2.28 -66.28	33.65 2.26 -11.02	60.71 2.61 -33.48	37.72 2.69 -10.10	26.77 2.54 0.00	22.83 2.04 0.00	20.92 1.77 0.00
BARRETT_IC_10 23701	47.90 1.86 -26.13	19.31 1.62 0.00	18.65 1.58 0.00	18.86 1.59 0.00	19.69 1.51 0.00	23.14 1.78 0.00	24.37 2.24 -0.08	31.07 2.97 0.00	22.85 2.25 0.00	22.95 2.06 0.00	25.98 2.41 -0.32	27.85 2.45 -2.34	33.14 2.47 -6.77	46.29 2.40 -21.00	35.87 2.20 -12.07	59.78 2.35 -35.45	35.61 2.33 -12.07	88.16 2.28 -66.28	33.65 2.26 -11.02	60.71 2.61 -33.48	37.72 2.69 -10.10	26.77 2.54 0.00	22.83 2.04 0.00	20.92 1.77 0.00
BARRETT_IC_11 23702	47.90 1.86 -26.13	19.31 1.62 0.00	18.65 1.58 0.00	18.86 1.59 0.00	19.69 1.51 0.00	23.14 1.78 0.00	24.37 2.24 -0.08	31.07 2.97 0.00	22.85 2.25 0.00	22.95 2.06 0.00	25.98 2.41 -0.32	27.85 2.45 -2.34	33.14 2.47 -6.77	46.29 2.40 -21.00	35.87 2.20 -12.07	59.78 2.35 -35.45	35.61 2.33 -12.07	88.16 2.28 -66.28	33.65 2.26 -11.02	60.71 2.61 -33.48	37.72 2.69 -10.10	26.77 2.54 0.00	22.83 2.04 0.00	20.92 1.77 0.00
BARRETT_IC_12 23703	47.90 1.86 -26.13	19.31 1.62 0.00	18.65 1.58 0.00	18.86 1.59 0.00	19.69 1.51 0.00	23.14 1.78 0.00	24.37 2.24 -0.08	31.07 2.97 0.00	22.85 2.25 0.00	22.95 2.06 0.00	25.98 2.41 -0.32	27.85 2.45 -2.34	33.14 2.47 -6.77	46.29 2.40 -21.00	35.87 2.20 -12.07	59.78 2.35 -35.45	35.61 2.33 -12.07	88.16 2.28 -66.28	33.65 2.26 -11.02	60.71 2.61 -33.48	37.72 2.69 -10.10	26.77 2.54 0.00	22.83 2.04 0.00	20.92 1.77 0.00
BARRETT_IC_2 23705	47.90 1.86 -26.13	19.31 1.62 0.00	18.65 1.58 0.00	18.86 1.59 0.00	19.69 1.51 0.00	23.14 1.78 0.00	24.37 2.24 -0.08	31.07 2.97 0.00	22.85 2.25 0.00	22.95 2.06 0.00	25.98 2.41 -0.32	27.85 2.45 -2.34	33.14 2.47 -6.77	46.29 2.40 -21.00	35.87 2.20 -12.07	59.78 2.35 -35.45	35.61 2.33 -12.07	88.16 2.28 -66.28	33.65 2.26 -11.02	60.71 2.61 -33.48	37.72 2.69 -10.10	26.77 2.54 0.00	22.83 2.04 0.00	20.92 1.77 0.00
BARRETT_IC_3 23706	47.90 1.86 -26.13	19.31 1.62 0.00	18.65 1.58 0.00	18.86 1.59 0.00	19.69 1.51 0.00	23.14 1.78 0.00	24.37 2.24 -0.08	31.07 2.97 0.00	22.85 2.25 0.00	22.95 2.06 0.00	25.98 2.41 -0.32	27.85 2.45 -2.34	33.14 2.47 -6.77	46.29 2.40 -21.00	35.87 2.20 -12.07	59.78 2.35 -35.45	35.61 2.33 -12.07	88.16 2.28 -66.28	33.65 2.26 -11.02	60.71 2.61 -33.48	37.72 2.69 -10.10	26.77 2.54 0.00	22.83 2.04 0.00	20.92 1.77 0.00
BARRETT_IC_4 23707	47.90 1.86 -26.13	19.31 1.62 0.00	18.65 1.58 0.00	18.86 1.59 0.00	19.69 1.51 0.00	23.14 1.78 0.00	24.37 2.24 -0.08	31.07 2.97 0.00	22.85 2.25 0.00	22.95 2.06 0.00	25.98 2.41 -0.32	27.85 2.45 -2.34	33.14 2.47 -6.77	46.29 2.40 -21.00	35.87 2.20 -12.07	59.78 2.35 -35.45	35.61 2.33 -12.07	88.16 2.28 -66.28	33.65 2.26 -11.02	60.71 2.61 -33.48	37.72 2.69 -10.10	26.77 2.54 0.00	22.83 2.04 0.00	20.92 1.77 0.00
BARRETT_IC_5 23708	47.90 1.86 -26.13	19.31 1.62 0.00	18.65 1.58 0.00	18.86 1.59 0.00	19.69 1.51 0.00	23.14 1.78 0.00	24.37 2.24 -0.08	31.07 2.97 0.00	22.85 2.25 0.00	22.95 2.06 0.00	25.98 2.41 -0.32	27.85 2.45 -2.34	33.14 2.47 -6.77	46.29 2.40 -21.00	35.87 2.20 -12.07	59.78 2.35 -35.45	35.61 2.33 -12.07	88.16 2.28 -66.28	33.65 2.26 -11.02	60.71 2.61 -33.48	37.72 2.69 -10.10	26.77 2.54 0.00	22.83 2.04 0.00	20.92 1.77 0.00
BARRETT_IC_6 23709	47.90 1.86 -26.13	19.31 1.62 0.00	18.65 1.58 0.00	18.86 1.59 0.00	19.69 1.51 0.00	23.14 1.78 0.00	24.37 2.24 -0.08	31.07 2.97 0.00	22.85 2.25 0.00	22.95 2.06 0.00	25.98 2.41 -0.32	27.85 2.45 -2.34	33.14 2.47 -6.77	46.29 2.40 -21.00	35.87 2.20 -12.07	59.78 2.35 -35.45	35.61 2.33 -12.07	88.16 2.28 -66.28	33.65 2.26 -11.02	60.71 2.61 -33.48	37.72 2.69 -10.10	26.77 2.54 0.00	22.83 2.04 0.00	20.92 1.77 0.00
BARRETT_IC_7 23710	47.90 1.86 -26.13	19.31 1.62 0.00	18.65 1.58 0.00	18.86 1.59 0.00	19.69 1.51 0.00	23.14 1.78 0.00	24.37 2.24 -0.08	31.07 2.97 0.00	22.85 2.25 0.00	22.95 2.06 0.00	25.98 2.41 -0.32	27.85 2.45 -2.34	33.14 2.47 -6.77	46.29 2.40 -21.00	35.87 2.20 -12.07	59.78 2.35 -35.45	35.61 2.33 -12.07	88.16 2.28 -66.28	33.65 2.26 -11.02	60.71 2.61 -33.48	37.72 2.69 -10.10	26.77 2.54 0.00	22.83 2.04 0.00	20.92 1.77 0.00

BARRETT_IC_8 23711	47.90 1.86 -26.13	19.31 1.62 0.00	18.65 1.58 0.00	18.86 1.59 0.00	19.69 1.51 0.00	23.14 1.78 0.00	24.37 2.24 -0.08	31.07 2.97 0.00	22.85 2.25 0.00	22.95 2.06 0.00	25.98 2.41 -0.32	27.85 2.45 -2.34	33.14 2.47 -6.77	46.29 2.40 -21.00	35.87 2.20 -12.07	59.78 2.35 -35.45	35.61 2.33 -12.07	88.16 2.28 -66.28	33.65 2.26 -11.02	60.71 2.61 -33.48	37.72 2.69 -10.10	26.77 2.54 0.00	22.83 2.04 0.00	20.92 1.77 0.00
BARRETT_IC_9 23700	47.90 1.86 -26.13	19.31 1.62 0.00	18.65 1.58 0.00	18.86 1.59 0.00	19.69 1.51 0.00	23.14 1.78 0.00	24.37 2.24 -0.08	31.07 2.97 0.00	22.85 2.25 0.00	22.95 2.06 0.00	25.98 2.41 -0.32	27.85 2.45 -2.34	33.14 2.47 -6.77	46.29 2.40 -21.00	35.87 2.20 -12.07	59.78 2.35 -35.45	35.61 2.33 -12.07	88.16 2.28 -66.28	33.65 2.26 -11.02	60.71 2.61 -33.48	37.72 2.69 -10.10	26.77 2.54 0.00	22.83 2.04 0.00	20.92 1.77 0.00
BARRETT___1 23545	47.90 1.86 -26.13	19.31 1.62 0.00	18.65 1.58 0.00	18.86 1.59 0.00	19.69 1.51 0.00	23.14 1.78 0.00	24.37 2.24 -0.08	31.07 2.97 0.00	22.85 2.25 0.00	22.95 2.06 0.00	25.98 2.41 -0.32	27.85 2.45 -2.34	33.14 2.47 -6.77	46.29 2.40 -21.00	35.87 2.20 -12.07	59.78 2.35 -35.45	35.61 2.33 -12.07	88.16 2.28 -66.28	33.65 2.26 -11.02	60.71 2.61 -33.48	37.72 2.69 -10.10	26.77 2.54 0.00	22.83 2.04 0.00	20.92 1.77 0.00
BARRETT___2 23546	47.90 1.86 -26.13	19.31 1.62 0.00	18.65 1.58 0.00	18.86 1.59 0.00	19.69 1.51 0.00	23.14 1.78 0.00	24.37 2.24 -0.08	31.07 2.97 0.00	22.85 2.25 0.00	22.95 2.06 0.00	25.98 2.41 -0.32	27.85 2.45 -2.34	33.14 2.47 -6.77	46.29 2.40 -21.00	35.87 2.20 -12.07	59.78 2.35 -35.45	35.61 2.33 -12.07	88.16 2.28 -66.28	33.65 2.26 -11.02	60.71 2.61 -33.48	37.72 2.69 -10.10	26.77 2.54 0.00	22.83 2.04 0.00	20.92 1.77 0.00
BATAVIA___115KV_TB1 55881	20.52 0.62 0.00	18.07 0.38 0.00	17.40 0.33 0.00	16.94 0.20 0.53	18.24 0.23 0.17	21.14 0.36 0.57	15.89 0.55 6.70	24.96 1.03 4.16	19.30 0.79 2.09	20.98 0.48 0.39	21.32 0.48 2.42	23.54 0.47 0.00	24.41 0.63 0.12	23.23 0.59 0.26	22.16 0.56 0.00	22.37 0.39 0.00	21.41 0.20 0.00	16.72 0.51 3.38	15.79 0.35 4.93	19.55 0.50 5.57	19.87 0.51 5.57	19.07 0.35 5.52	15.13 -0.01 5.64	15.94 0.04 3.25
BAYONEEC___CTG1 323682	21.45 1.55 0.00	19.04 1.36 0.00	18.42 1.35 0.00	18.63 1.36 0.00	19.49 1.32 0.00	22.91 1.56 0.00	24.01 1.97 0.00	30.72 2.62 0.00	22.76 2.16 0.00	22.92 2.03 0.00	25.42 2.17 0.00	25.22 2.15 0.00	26.07 2.16 0.00	25.02 2.13 0.00	23.55 1.95 0.00	24.13 2.15 0.00	23.34 2.13 0.00	21.72 2.12 0.00	22.47 2.10 0.00	26.99 2.38 0.00	27.87 2.45 -0.49	26.57 2.33 0.00	22.65 1.87 0.00	20.78 1.62 0.00
BAYONEEC___CTG10 323750	21.45 1.55 0.00	19.04 1.36 0.00	18.42 1.35 0.00	18.63 1.36 0.00	19.49 1.32 0.00	22.91 1.56 0.00	24.01 1.97 0.00	30.72 2.62 0.00	22.76 2.16 0.00	22.92 2.03 0.00	25.42 2.17 0.00	25.22 2.15 0.00	26.07 2.16 0.00	25.02 2.13 0.00	23.55 1.95 0.00	24.13 2.15 0.00	23.34 2.13 0.00	21.72 2.12 0.00	22.47 2.10 0.00	26.99 2.38 0.00	27.87 2.45 -0.49	26.57 2.33 0.00	22.65 1.87 0.00	20.78 1.62 0.00
BAYONEEC___CTG2 323683	21.45 1.55 0.00	19.04 1.36 0.00	18.42 1.35 0.00	18.63 1.36 0.00	19.49 1.32 0.00	22.91 1.56 0.00	24.01 1.97 0.00	30.72 2.62 0.00	22.76 2.16 0.00	22.92 2.03 0.00	25.42 2.17 0.00	25.22 2.15 0.00	26.07 2.16 0.00	25.02 2.13 0.00	23.55 1.95 0.00	24.13 2.15 0.00	23.34 2.13 0.00	21.72 2.12 0.00	22.47 2.10 0.00	26.99 2.38 0.00	27.87 2.45 -0.49	26.57 2.33 0.00	22.65 1.87 0.00	20.78 1.62 0.00
BAYONEEC___CTG3 323684	21.45 1.55 0.00	19.04 1.36 0.00	18.42 1.35 0.00	18.63 1.36 0.00	19.49 1.32 0.00	22.91 1.56 0.00	24.01 1.97 0.00	30.72 2.62 0.00	22.76 2.16 0.00	22.92 2.03 0.00	25.42 2.17 0.00	25.22 2.15 0.00	26.07 2.16 0.00	25.02 2.13 0.00	23.55 1.95 0.00	24.13 2.15 0.00	23.34 2.13 0.00	21.72 2.12 0.00	22.47 2.10 0.00	26.99 2.38 0.00	27.87 2.45 -0.49	26.57 2.33 0.00	22.65 1.87 0.00	20.78 1.62 0.00
BAYONEEC___CTG4 323685	21.45 1.55 0.00	19.04 1.36 0.00	18.42 1.35 0.00	18.63 1.36 0.00	19.49 1.32 0.00	22.91 1.56 0.00	24.01 1.97 0.00	30.72 2.62 0.00	22.76 2.16 0.00	22.92 2.03 0.00	25.42 2.17 0.00	25.22 2.15 0.00	26.07 2.16 0.00	25.02 2.13 0.00	23.55 1.95 0.00	24.13 2.15 0.00	23.34 2.13 0.00	21.72 2.12 0.00	22.47 2.10 0.00	26.99 2.38 0.00	27.87 2.45 -0.49	26.57 2.33 0.00	22.65 1.87 0.00	20.78 1.62 0.00
BAYONEEC___CTG5 323686	21.45 1.55 0.00	19.04 1.36 0.00	18.42 1.35 0.00	18.63 1.36 0.00	19.49 1.32 0.00	22.91 1.56 0.00	24.01 1.97 0.00	30.72 2.62 0.00	22.76 2.16 0.00	22.92 2.03 0.00	25.42 2.17 0.00	25.22 2.15 0.00	26.07 2.16 0.00	25.02 2.13 0.00	23.55 1.95 0.00	24.13 2.15 0.00	23.34 2.13 0.00	21.72 2.12 0.00	22.47 2.10 0.00	26.99 2.38 0.00	27.87 2.45 -0.49	26.57 2.33 0.00	22.65 1.87 0.00	20.78 1.62 0.00
BAYONEEC___CTG6 323687	21.45 1.55 0.00	19.04 1.36 0.00	18.42 1.35 0.00	18.63 1.36 0.00	19.49 1.32 0.00	22.91 1.56 0.00	24.01 1.97 0.00	30.72 2.62 0.00	22.76 2.16 0.00	22.92 2.03 0.00	25.42 2.17 0.00	25.22 2.15 0.00	26.07 2.16 0.00	25.02 2.13 0.00	23.55 1.95 0.00	24.13 2.15 0.00	23.34 2.13 0.00	21.72 2.12 0.00	22.47 2.10 0.00	26.99 2.38 0.00	27.87 2.45 -0.49	26.57 2.33 0.00	22.65 1.87 0.00	20.78 1.62 0.00
BAYONEEC___CTG7 323688	21.45 1.55 0.00	19.04 1.36 0.00	18.42 1.35 0.00	18.63 1.36 0.00	19.49 1.32 0.00	22.91 1.56 0.00	24.01 1.97 0.00	30.72 2.62 0.00	22.76 2.16 0.00	22.92 2.03 0.00	25.42 2.17 0.00	25.22 2.15 0.00	26.07 2.16 0.00	25.02 2.13 0.00	23.55 1.95 0.00	24.13 2.15 0.00	23.34 2.13 0.00	21.72 2.12 0.00	22.47 2.10 0.00	26.99 2.38 0.00	27.87 2.45 -0.49	26.57 2.33 0.00	22.65 1.87 0.00	20.78 1.62 0.00
BAYONEEC___CTG8 323689	21.45 1.55 0.00	19.04 1.36 0.00	18.42 1.35 0.00	18.63 1.36 0.00	19.49 1.32 0.00	22.91 1.56 0.00	24.01 1.97 0.00	30.72 2.62 0.00	22.76 2.16 0.00	22.92 2.03 0.00	25.42 2.17 0.00	25.22 2.15 0.00	26.07 2.16 0.00	25.02 2.13 0.00	23.55 1.95 0.00	24.13 2.15 0.00	23.34 2.13 0.00	21.72 2.12 0.00	22.47 2.10 0.00	26.99 2.38 0.00	27.87 2.45 -0.49	26.57 2.33 0.00	22.65 1.87 0.00	20.78 1.62 0.00
BAYONEEC___CTG9 323749	21.45 1.55 0.00	19.04 1.36 0.00	18.42 1.35 0.00	18.63 1.36 0.00	19.49 1.32 0.00	22.91 1.56 0.00	24.01 1.97 0.00	30.72 2.62 0.00	22.76 2.16 0.00	22.92 2.03 0.00	25.42 2.17 0.00	25.22 2.15 0.00	26.07 2.16 0.00	25.02 2.13 0.00	23.55 1.95 0.00	24.13 2.15 0.00	23.34 2.13 0.00	21.72 2.12 0.00	22.47 2.10 0.00	26.99 2.38 0.00	27.87 2.45 -0.49	26.57 2.33 0.00	22.65 1.87 0.00	20.78 1.62 0.00

BEACON___LESR 323632	20.76 0.85 0.00	18.50 0.81 0.00	17.87 0.81 0.00	18.14 0.87 0.00	19.02 0.85 0.00	22.36 1.01 0.00	23.29 1.25 0.00	29.65 1.55 0.00	21.71 1.11 0.00	21.80 0.91 0.00	24.20 0.95 0.00	23.96 0.90 0.00	24.84 0.94 0.00	23.71 0.82 0.00	22.31 0.70 0.00	22.89 0.91 0.00	22.28 1.08 0.00	20.62 1.03 0.00	21.53 1.16 0.00	25.90 1.29 0.00	26.89 1.37 -0.60	25.48 1.24 0.00	21.66 0.88 0.00	19.88 0.72 0.00
BEAVER RIVER___HYD 24048	19.83 -0.08 0.00	17.21 -0.48 0.00	16.53 -0.54 0.00	16.66 -0.61 0.00	17.71 -0.46 0.00	20.90 -0.46 0.00	21.63 -0.42 0.00	27.73 -0.37 0.00	20.14 -0.46 0.00	20.20 -0.69 0.00	22.16 -1.09 0.00	21.94 -1.13 0.00	22.80 -1.10 0.00	21.93 -0.96 0.00	20.56 -1.04 0.00	20.90 -1.08 0.00	20.29 -0.91 0.00	18.92 -0.67 0.00	19.89 -0.48 0.00	24.23 -0.38 0.00	24.65 -0.30 -0.02	23.92 -0.32 0.00	20.58 -0.20 0.00	18.90 -0.26 0.00
BEEBEE_GT_13 23619	20.24 0.34 0.00	17.86 0.17 0.00	17.22 0.15 0.00	17.10 0.02 0.19	18.15 0.03 0.06	21.24 0.09 0.21	19.86 0.19 2.36	27.05 0.52 1.56	20.29 0.46 0.78	21.05 0.30 0.14	22.70 0.30 0.85	23.40 0.34 0.00	24.31 0.45 0.04	23.21 0.41 0.09	21.98 0.38 0.00	22.23 0.24 0.00	21.31 0.10 0.00	19.05 0.23 0.78	19.33 0.09 1.13	23.47 0.13 1.28	23.83 0.13 1.23	23.01 0.04 1.27	19.28 -0.20 1.30	18.24 -0.14 0.77
BENSHRST_27_KV_BENSHRST_1 355998	21.67 1.76 0.00	19.23 1.54 0.00	18.59 1.53 0.00	18.82 1.53 -0.02	19.68 1.50 -0.01	23.15 1.77 -0.02	24.58 2.26 -0.27	31.24 2.98 -0.17	23.11 2.43 -0.08	23.19 2.29 -0.02	25.81 2.46 -0.10	25.50 2.44 0.00	26.38 2.47 0.00	25.33 2.42 -0.01	23.87 2.27 0.00	24.42 2.44 0.00	23.62 2.41 0.00	22.18 2.39 -0.20	23.05 2.40 -0.28	27.64 2.71 -0.32	28.53 2.78 -0.82	27.21 2.65 -0.32	23.25 2.15 -0.33	21.34 1.86 -0.33
BETHLEHEM___GRP 23843	20.42 0.52 0.00	18.24 0.55 0.00	17.64 0.57 0.00	17.88 0.60 -0.02	18.71 0.54 -0.01	22.05 0.68 -0.02	23.16 0.90 -0.21	29.33 1.10 -0.13	21.49 0.82 -0.07	21.48 0.58 -0.01	23.92 0.59 -0.08	23.68 0.62 0.00	24.46 0.55 0.00	23.40 0.50 -0.01	22.04 0.44 0.00	22.59 0.60 0.00	21.91 0.70 0.00	20.46 0.71 -0.15	21.36 0.77 -0.22	25.69 0.83 -0.25	26.68 0.90 -0.85	25.29 0.81 -0.25	21.56 0.53 -0.25	19.74 0.44 -0.14
BETHLEHEM___GS1 323560	20.42 0.52 0.00	18.24 0.55 0.00	17.64 0.57 0.00	17.86 0.59 0.00	18.71 0.54 0.00	22.03 0.68 0.00	22.94 0.89 0.00	29.20 1.10 0.00	21.42 0.82 0.00	21.47 0.58 0.00	23.84 0.59 0.00	23.69 0.62 0.00	24.45 0.55 0.00	23.39 0.50 0.00	22.03 0.43 0.00	22.59 0.60 0.00	21.91 0.70 0.00	20.29 0.70 0.00	21.12 0.75 0.00	25.44 0.83 0.00	26.42 0.90 -0.60	25.04 0.81 0.00	21.30 0.52 0.00	19.59 0.43 0.00
BETHLEHEM___GS2 323561	20.42 0.52 0.00	18.24 0.55 0.00	17.64 0.57 0.00	17.86 0.59 0.00	18.71 0.54 0.00	22.03 0.68 0.00	22.94 0.89 0.00	29.20 1.10 0.00	21.42 0.82 0.00	21.47 0.58 0.00	23.84 0.59 0.00	23.69 0.62 0.00	24.45 0.55 0.00	23.39 0.50 0.00	22.03 0.43 0.00	22.59 0.60 0.00	21.91 0.70 0.00	20.29 0.70 0.00	21.12 0.75 0.00	25.44 0.83 0.00	26.42 0.90 -0.60	25.04 0.81 0.00	21.30 0.52 0.00	19.59 0.43 0.00
BETHLEHEM___GS3 323562	20.42 0.52 0.00	18.24 0.55 0.00	17.64 0.57 0.00	17.86 0.59 0.00	18.71 0.54 0.00	22.03 0.68 0.00	22.94 0.89 0.00	29.20 1.10 0.00	21.42 0.82 0.00	21.47 0.58 0.00	23.84 0.59 0.00	23.69 0.62 0.00	24.45 0.55 0.00	23.39 0.50 0.00	22.03 0.43 0.00	22.59 0.60 0.00	21.91 0.70 0.00	20.29 0.70 0.00	21.12 0.75 0.00	25.44 0.83 0.00	26.42 0.90 -0.60	25.04 0.81 0.00	21.30 0.52 0.00	19.59 0.43 0.00
BETHLEHEM___STEEL 23779	20.10 0.20 0.00	17.70 0.01 0.00	17.04 -0.02 0.00	16.05 -0.18 1.04	17.65 -0.19 0.34	20.04 -0.20 1.11	8.79 -0.06 13.19	20.01 0.24 8.32	16.73 0.29 4.15	20.18 0.06 0.77	18.56 0.07 4.76	23.12 0.06 0.00	23.82 0.17 0.25	22.46 0.07 0.52	21.66 0.05 0.00	21.86 -0.12 0.00	20.87 -0.33 0.00	12.36 -0.03 7.20	9.65 -0.22 10.50	12.49 -0.24 11.87	12.71 -0.27 11.94	12.10 -0.37 11.76	8.12 -0.58 12.08	11.57 -0.48 7.10
BETHLHEM_115KV_TB1 79974	20.45 0.55 0.00	18.26 0.57 0.00	17.65 0.59 0.00	17.89 0.61 -0.02	18.73 0.55 -0.01	22.07 0.69 -0.02	23.18 0.92 -0.21	29.36 1.13 -0.13	21.52 0.85 -0.07	21.53 0.63 -0.01	23.97 0.64 -0.08	23.73 0.67 0.00	24.51 0.61 0.00	23.47 0.56 -0.01	22.10 0.50 0.00	22.63 0.65 0.00	21.95 0.74 0.00	20.50 0.75 -0.15	21.40 0.81 -0.22	25.74 0.88 -0.25	26.72 0.94 -0.85	25.34 0.86 -0.25	21.62 0.59 -0.25	19.80 0.50 -0.14
BETHPAGE_CC_5 323564	48.03 1.98 -26.13	19.41 1.72 0.00	18.75 1.69 0.00	18.97 1.70 0.00	19.82 1.65 0.00	23.33 1.97 0.00	24.59 2.46 -0.08	31.43 3.33 0.00	23.10 2.49 0.00	23.17 2.28 0.00	26.14 2.57 -0.32	27.99 2.59 -2.34	33.24 2.57 -6.77	46.46 2.56 -21.00	36.03 2.35 -12.07	59.96 2.54 -35.45	35.76 2.48 -12.07	88.33 2.45 -66.28	33.85 2.47 -11.02	60.91 2.82 -33.48	37.92 2.89 -10.10	26.97 2.74 0.00	23.04 2.26 0.00	21.07 1.91 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.21 0.30 0.00	17.79 0.10 0.00	17.13 0.07 0.00	16.21 -0.09 0.97	17.76 -0.10 0.32	20.23 -0.08 1.04	9.79 0.07 12.32	20.72 0.40 7.78	17.11 0.40 3.89	20.35 0.18 0.72	19.00 0.21 4.45	23.27 0.20 0.00	23.97 0.30 0.23	22.62 0.21 0.48	21.77 0.17 0.00	21.99 0.01 0.00	20.99 -0.22 0.00	12.93 0.09 6.75	10.42 -0.09 9.86	13.36 -0.10 11.15	13.59 -0.12 11.20	12.95 -0.24 11.05	8.97 -0.47 11.34	12.10 -0.38 6.67
BINGHAMTON___COGEN 23790	20.38 0.48 0.00	18.09 0.40 0.00	17.46 0.39 0.00	17.71 0.36 -0.08	18.56 0.37 -0.02	21.93 0.49 -0.09	23.84 0.75 -1.04	29.83 1.03 -0.70	21.72 0.77 -0.35	21.58 0.63 -0.06	24.33 0.70 -0.39	23.71 0.65 0.00	24.62 0.69 -0.02	23.61 0.68 -0.03	22.24 0.64 0.00	22.63 0.65 0.00	21.77 0.56 0.00	21.03 0.68 -0.76	22.09 0.62 -1.11	26.58 0.73 -1.24	27.06 0.70 -1.43	26.10 0.63 -1.23	22.53 0.48 -1.27	20.25 0.35 -0.74
BIXINCNT_115KV_LOAD 355685	20.52 0.62 0.00	18.03 0.34 0.00	17.37 0.31 0.00	16.78 0.10 0.59	18.05 0.04 0.17	20.88 0.16 0.64	15.08 0.49 7.46	24.14 0.89 4.84	18.74 0.61 2.47	20.85 0.41 0.45	21.01 0.52 2.76	23.61 0.54 0.00	24.16 0.40 0.14	23.04 0.43 0.28	21.94 0.34 0.00	22.25 0.27 0.00	21.16 -0.05 0.00	15.37 0.16 4.39	13.75 -0.10 6.52	16.99 -0.25 7.38	17.26 -0.29 7.38	16.48 -0.45 7.31	12.60 -0.67 7.51	14.22 -0.48 4.45
BLACK RIVER___HYD 24047	19.79 -0.11 0.00	17.16 -0.53 0.00	16.46 -0.60 0.00	16.56 -0.71 0.00	17.64 -0.54 0.00	20.83 -0.53 0.00	21.60 -0.45 0.00	27.73 -0.37 0.00	20.10 -0.51 0.00	20.01 -0.88 0.00	21.91 -1.34 0.00	21.70 -1.37 0.00	22.55 -1.35 0.00	21.73 -1.17 0.00	20.36 -1.24 0.00	20.68 -1.30 0.00	20.13 -1.08 0.00	18.87 -0.73 0.00	19.89 -0.49 0.00	24.27 -0.34 0.00	24.75 -0.21 -0.03	23.98 -0.25 0.00	20.58 -0.20 0.00	18.87 -0.28 0.00

BLACKRVR_115KV_TB2 79977	19.79 -0.11 0.00	17.16 -0.53 0.00	16.47 -0.59 0.00	16.56 -0.71 0.00	17.64 -0.54 0.00	20.82 -0.54 0.00	21.60 -0.45 0.00	27.72 -0.37 0.00	20.10 -0.51 0.00	20.01 -0.88 0.00	21.92 -1.34 -0.01	21.70 -1.37 0.00	22.55 -1.35 0.00	21.73 -1.17 0.00	20.36 -1.24 0.00	20.68 -1.30 0.00	20.13 -1.08 0.00	18.91 -0.73 -0.04	19.94 -0.49 -0.06	24.34 -0.34 -0.07	24.81 -0.21 -0.10	24.05 -0.25 -0.07	20.65 -0.20 -0.07	18.91 -0.28 -0.03
BLISS_WT_PWR 323608	20.48 0.58 0.00	17.97 0.28 0.00	17.30 0.24 0.00	16.69 0.01 0.59	17.85 -0.08 0.25	20.36 0.05 1.04	15.06 0.51 7.50	20.05 0.85 8.90	16.59 0.55 4.57	20.78 0.33 0.45	20.93 0.45 2.76	23.55 0.48 0.00	24.02 0.26 0.14	22.88 0.35 0.36	21.91 0.31 0.00	22.17 0.19 0.00	21.06 -0.14 0.00	15.28 0.08 4.39	13.71 -0.14 6.51	16.78 -0.46 7.38	17.04 -0.51 7.38	16.24 -0.69 7.31	12.05 -0.85 7.88	12.27 -0.62 6.27
BLUE_CIRC_CHEM_DRP 24182	20.64 0.73 0.00	18.41 0.72 0.00	17.79 0.73 0.00	18.03 0.74 -0.02	18.89 0.71 -0.01	22.27 0.89 -0.02	23.37 1.12 -0.21	29.59 1.36 -0.13	21.63 0.96 -0.07	21.64 0.74 -0.01	24.11 0.78 -0.08	23.87 0.80 0.00	24.68 0.77 0.00	23.63 0.72 -0.01	22.25 0.65 0.00	22.77 0.79 0.00	22.09 0.88 0.00	20.64 0.89 -0.16	21.54 0.95 -0.23	25.96 1.09 -0.25	26.90 1.13 -0.84	25.54 1.06 -0.25	21.82 0.78 -0.26	19.98 0.67 -0.15
BOC_GAS_DRP 24189	20.51 0.61 0.00	18.27 0.58 0.00	17.65 0.59 0.00	17.89 0.60 -0.02	18.74 0.56 -0.01	22.07 0.69 -0.02	23.17 0.92 -0.21	29.39 1.16 -0.13	21.56 0.89 -0.07	21.60 0.70 -0.01	24.07 0.74 -0.08	23.82 0.76 0.00	24.65 0.74 0.00	23.61 0.70 -0.01	22.23 0.63 0.00	22.73 0.75 0.00	22.01 0.80 0.00	20.58 0.83 -0.15	21.45 0.86 -0.22	25.83 0.96 -0.25	26.78 1.01 -0.85	25.43 0.95 -0.25	21.77 0.74 -0.25	19.95 0.64 -0.14
BOONVILLE_115KV_TB1 79983	20.18 0.28 0.00	17.72 0.03 0.00	17.05 -0.01 0.00	17.23 -0.04 0.00	18.21 0.03 0.00	21.48 0.11 0.00	22.32 0.21 -0.06	28.49 0.33 -0.06	20.78 0.15 -0.03	20.89 0.00 0.00	23.10 -0.18 -0.03	22.83 -0.24 0.00	23.75 -0.16 0.00	22.74 -0.16 0.00	21.37 -0.23 0.00	21.77 -0.21 0.00	21.10 -0.11 0.00	19.65 0.00 -0.06	20.55 0.10 -0.08	24.90 0.19 -0.09	25.27 0.24 -0.12	24.52 0.19 -0.09	21.03 0.16 -0.10	19.31 0.09 -0.06
BORALEX_4TH_BRANCH 23824	21.22 1.31 0.00	18.93 1.24 0.00	18.29 1.23 0.00	18.53 1.27 0.00	19.32 1.15 0.00	22.80 1.44 0.00	23.73 1.68 0.00	30.07 1.97 0.00	21.98 1.38 0.00	21.90 1.01 0.00	24.28 1.03 0.00	24.10 1.04 0.00	24.88 0.98 0.00	23.88 0.98 0.00	22.46 0.86 0.00	23.09 1.11 0.00	22.53 1.33 0.00	20.87 1.27 0.00	21.83 1.46 0.00	26.29 1.68 0.00	27.36 1.84 -0.60	25.88 1.65 0.00	21.99 1.21 0.00	20.24 1.09 0.00
BOWLINE___1 23526	21.25 1.35 0.00	18.89 1.20 0.00	18.26 1.19 0.00	18.47 1.20 0.00	19.34 1.17 0.00	22.76 1.41 0.00	23.85 1.81 0.00	30.51 2.41 0.00	22.53 1.93 0.00	22.65 1.76 0.00	25.13 1.88 0.00	24.94 1.87 0.00	25.78 1.88 0.00	24.74 1.84 0.00	23.29 1.69 0.00	23.85 1.87 0.00	23.08 1.88 0.00	21.48 1.88 0.00	22.25 1.88 0.00	26.76 2.15 0.00	27.64 2.23 -0.49	26.34 2.11 0.00	22.43 1.65 0.00	20.58 1.43 0.00
BOWLINE___2 23595	21.25 1.35 0.00	18.89 1.20 0.00	18.26 1.19 0.00	18.47 1.20 0.00	19.34 1.17 0.00	22.76 1.41 0.00	23.85 1.81 0.00	30.50 2.40 0.00	22.53 1.92 0.00	22.64 1.75 0.00	25.13 1.88 0.00	24.94 1.87 0.00	25.78 1.88 0.00	24.73 1.84 0.00	23.29 1.69 0.00	23.85 1.87 0.00	23.08 1.88 0.00	21.48 1.88 0.00	22.25 1.88 0.00	26.76 2.15 0.00	27.64 2.23 -0.49	26.34 2.11 0.00	22.43 1.65 0.00	20.58 1.43 0.00
BRADY___115KV_TB2 356060	19.88 -0.03 0.00	17.67 -0.03 0.00	17.02 -0.05 0.00	17.26 -0.01 0.00	18.28 0.10 0.00	21.42 0.07 0.00	21.76 -0.29 0.00	27.65 -0.45 0.00	20.01 -0.60 0.00	20.64 -0.25 0.00	23.00 -0.25 0.00	22.92 -0.15 0.00	23.78 -0.12 0.00	22.72 -0.18 0.00	21.45 -0.15 0.00	21.78 -0.20 0.00	20.82 -0.39 0.00	19.17 -0.43 0.00	20.02 -0.36 0.00	24.26 -0.35 0.00	24.58 -0.35 0.00	23.92 -0.31 0.00	20.70 -0.08 0.00	19.12 -0.04 0.00
BRANSCOMB___SOLAR 323811	21.05 1.14 0.00	18.74 1.05 0.00	18.10 1.04 0.00	18.33 1.06 0.00	19.22 1.05 0.00	22.69 1.33 0.00	23.66 1.61 0.00	30.09 1.99 0.00	21.96 1.36 0.00	21.99 1.10 0.00	24.33 1.08 0.00	24.15 1.09 0.00	24.95 1.04 0.00	23.93 1.03 0.00	22.52 0.92 0.00	23.07 1.09 0.00	22.48 1.27 0.00	20.92 1.32 0.00	21.80 1.43 0.00	26.28 1.67 0.00	27.32 1.78 -0.62	25.88 1.64 0.00	21.99 1.21 0.00	20.22 1.07 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	48.21 2.17 -26.13	19.56 1.87 0.00	18.91 1.85 0.00	19.15 1.86 -0.02	19.99 1.81 -0.01	23.50 2.12 -0.02	25.07 2.67 -0.36	31.88 3.61 -0.17	23.35 2.67 -0.08	23.29 2.38 -0.02	26.33 2.66 -0.42	28.05 2.65 -2.34	33.28 2.60 -6.77	46.54 2.63 -21.01	36.14 2.46 -12.07	60.09 2.66 -35.45	35.94 2.66 -12.07	88.69 2.61 -66.48	34.29 2.62 -11.30	61.31 2.90 -33.80	38.35 2.99 -10.43	27.44 2.88 -0.32	23.55 2.44 -0.33	21.41 2.07 -0.19
BRISTLHL_115KV_TB1 79998	19.63 -0.28 0.00	17.39 -0.30 0.00	16.77 -0.29 0.00	16.94 -0.33 0.00	17.83 -0.34 0.00	20.99 -0.36 0.01	21.78 -0.24 0.02	27.79 -0.28 0.03	20.37 -0.22 0.01	20.56 -0.33 0.00	22.88 -0.37 0.00	22.72 -0.34 0.00	23.56 -0.34 0.00	22.59 -0.31 0.00	21.29 -0.31 0.00	21.67 -0.31 0.00	20.92 -0.29 0.00	19.45 -0.18 -0.04	20.19 -0.24 -0.06	24.39 -0.28 -0.06	24.75 -0.28 -0.11	23.99 -0.31 -0.06	20.54 -0.31 -0.06	18.88 -0.28 -0.01
BROOKHAVEN___DRP 24191	48.08 2.04 -26.13	19.46 1.77 0.00	18.81 1.74 0.00	19.04 1.75 -0.02	19.87 1.68 -0.01	23.33 1.95 -0.02	24.85 2.45 -0.36	31.56 3.28 -0.17	23.10 2.41 -0.08	22.98 2.07 -0.02	25.86 2.19 -0.42	27.55 2.15 -2.34	32.77 2.10 -6.77	46.07 2.16 -21.01	35.71 2.04 -12.07	59.67 2.24 -35.45	35.58 2.29 -12.07	88.37 2.29 -66.48	34.04 2.37 -11.30	61.05 2.63 -33.80	38.06 2.71 -10.43	27.12 2.57 -0.32	23.24 2.14 -0.33	21.14 1.80 -0.19
BROOKLYN_NAVY_YARD 23515	21.44 1.54 0.00	19.04 1.35 0.00	18.41 1.34 0.00	18.62 1.35 0.00	19.47 1.30 0.00	22.89 1.53 0.00	23.98 1.94 0.00	30.70 2.60 0.00	22.74 2.14 0.00	22.90 2.01 0.00	25.39 2.14 0.00	25.18 2.12 0.00	26.03 2.13 0.00	24.99 2.09 0.00	23.53 1.93 0.00	24.11 2.13 0.00	23.32 2.11 0.00	21.69 2.09 0.00	22.44 2.07 0.00	26.96 2.34 0.00	27.82 2.40 -0.49	26.53 2.29 0.00	22.64 1.86 0.00	20.77 1.61 0.00
BROOKLYN___ARMY_DRP 323595	21.58 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.75 1.46 -0.02	19.60 1.43 -0.01	23.06 1.68 -0.02	24.48 2.16 -0.27	31.10 2.83 -0.17	23.00 2.31 -0.08	23.08 2.17 -0.02	25.67 2.32 -0.10	25.37 2.31 0.00	26.24 2.33 0.00	25.19 2.28 -0.01	23.74 2.14 0.00	24.29 2.31 0.00	23.49 2.28 0.00	22.07 2.27 -0.20	22.92 2.27 -0.28	27.49 2.56 -0.32	28.37 2.63 -0.82	27.06 2.51 -0.32	23.14 2.03 -0.33	21.25 1.76 -0.33

BROOKVLE_69_KV_TB1 55790	47.92 1.87 -26.13	19.33 1.64 0.00	18.68 1.61 0.00	18.91 1.63 -0.02	19.76 1.58 -0.01	23.27 1.89 -0.02	24.78 2.38 -0.36	31.44 3.17 -0.17	23.14 2.45 -0.08	23.18 2.28 -0.02	26.22 2.55 -0.42	27.96 2.56 -2.34	33.24 2.56 -6.77	46.43 2.52 -21.01	36.03 2.35 -12.07	59.94 2.51 -35.45	35.78 2.50 -12.07	88.54 2.46 -66.48	34.16 2.49 -11.30	61.24 2.83 -33.80	38.27 2.91 -10.43	27.30 2.75 -0.32	23.32 2.21 -0.33	21.24 1.90 -0.19
BROOME_2_LFGE 323671	20.38 0.48 0.00	18.09 0.40 0.00	17.46 0.40 0.00	17.63 0.36 0.00	18.54 0.37 0.00	21.84 0.49 0.00	22.80 0.75 0.00	29.12 1.02 0.00	21.37 0.77 0.00	21.51 0.62 0.00	23.95 0.70 0.00	23.71 0.65 0.00	24.60 0.70 0.00	23.58 0.68 0.00	22.25 0.65 0.00	22.63 0.65 0.00	21.76 0.55 0.00	20.27 0.68 0.00	20.98 0.61 0.00	25.32 0.71 0.00	25.78 0.69 -0.17	24.86 0.62 0.00	21.25 0.47 0.00	19.51 0.36 0.00
BROOME___LFGE 323600	20.38 0.48 0.00	18.09 0.40 0.00	17.46 0.40 0.00	17.63 0.36 0.00	18.54 0.37 0.00	21.84 0.49 0.00	22.80 0.75 0.00	29.12 1.02 0.00	21.37 0.77 0.00	21.51 0.62 0.00	23.95 0.70 0.00	23.71 0.65 0.00	24.60 0.70 0.00	23.58 0.68 0.00	22.25 0.65 0.00	22.63 0.65 0.00	21.76 0.55 0.00	20.27 0.68 0.00	20.98 0.61 0.00	25.32 0.71 0.00	25.78 0.69 -0.17	24.86 0.62 0.00	21.25 0.47 0.00	19.51 0.36 0.00
BROWNFLS_115KV_TB_3_5 80003	19.48 -0.42 0.00	17.06 -0.63 0.00	16.41 -0.65 0.00	16.59 -0.68 0.00	17.61 -0.57 0.00	20.71 -0.64 0.00	21.14 -0.92 -0.01	26.99 -1.12 -0.01	19.55 -1.06 0.00	19.98 -0.91 0.00	22.11 -1.15 -0.01	21.97 -1.09 0.00	22.77 -1.13 0.00	21.85 -1.05 0.00	20.57 -1.03 0.00	20.89 -1.09 0.00	20.08 -1.13 0.00	18.59 -1.03 -0.02	19.49 -0.92 -0.03	23.68 -0.97 -0.04	24.02 -0.95 -0.05	23.35 -0.92 -0.04	20.19 -0.63 -0.04	18.58 -0.59 -0.02
BROWNSV1_27_KV_LOAD 356125	21.63 1.73 0.00	19.20 1.51 0.00	18.56 1.50 0.00	18.79 1.50 -0.02	19.65 1.47 -0.01	23.12 1.74 -0.02	24.52 2.21 -0.27	31.19 2.92 -0.17	23.07 2.38 -0.08	23.15 2.25 -0.02	25.78 2.43 -0.10	25.47 2.41 0.00	26.34 2.43 0.00	25.29 2.38 -0.01	23.81 2.21 0.00	24.37 2.39 0.00	23.58 2.37 0.00	22.14 2.34 -0.19	23.01 2.36 -0.28	27.60 2.66 -0.32	28.47 2.73 -0.82	27.16 2.60 -0.32	23.21 2.11 -0.33	21.17 1.83 -0.19
BURROWS___LYONSDAL 23803	20.10 0.20 0.00	17.57 -0.12 0.00	16.90 -0.16 0.00	17.06 -0.21 0.00	18.06 -0.11 0.00	21.31 -0.05 0.00	22.14 0.04 -0.05	28.30 0.15 -0.05	20.63 0.00 -0.03	20.72 -0.17 0.00	22.86 -0.42 -0.02	22.59 -0.48 0.00	23.50 -0.41 0.00	22.53 -0.37 0.00	21.15 -0.45 0.00	21.54 -0.44 0.00	20.88 -0.32 0.00	19.47 -0.18 -0.05	20.39 -0.06 -0.08	24.73 0.04 -0.09	25.12 0.09 -0.11	24.37 0.04 -0.09	20.92 0.05 -0.09	19.20 -0.02 -0.06
CAITHNESS_CC_1 323624	48.06 2.01 -26.13	19.44 1.75 0.00	18.79 1.72 0.00	19.00 1.74 0.00	19.84 1.67 0.00	23.30 1.94 0.00	24.55 2.42 -0.08	31.38 3.28 0.00	23.00 2.40 0.00	22.98 2.08 0.00	25.80 2.23 -0.32	27.60 2.20 -2.34	32.80 2.12 -6.77	46.09 2.20 -21.00	35.72 2.05 -12.07	59.70 2.27 -35.45	35.60 2.31 -12.07	88.18 2.30 -66.28	33.73 2.35 -11.02	60.73 2.64 -33.48	37.75 2.73 -10.10	26.81 2.58 0.00	22.92 2.14 0.00	20.94 1.78 0.00
CALPINE BETH_PAGE_GT4 24209	48.01 1.96 -26.13	19.39 1.70 0.00	18.74 1.67 0.00	18.97 1.68 -0.02	19.81 1.63 -0.01	23.31 1.94 -0.02	24.84 2.44 -0.36	31.54 3.27 -0.17	23.16 2.47 -0.08	23.16 2.26 -0.02	26.22 2.56 -0.42	28.01 2.60 -2.34	33.27 2.59 -6.77	46.49 2.58 -21.01	36.02 2.35 -12.07	59.94 2.51 -35.45	35.71 2.43 -12.07	88.48 2.41 -66.48	34.10 2.43 -11.30	61.17 2.76 -33.80	38.18 2.82 -10.43	27.24 2.69 -0.32	23.35 2.25 -0.33	21.26 1.92 -0.19
CALPINE_BETH_PAGE_GT_4 323586	48.00 1.96 -26.13	19.39 1.70 0.00	18.73 1.67 0.00	18.95 1.68 0.00	19.80 1.63 0.00	23.30 1.95 0.00	24.56 2.43 -0.08	31.38 3.28 0.00	23.06 2.46 0.00	23.15 2.25 0.00	26.13 2.56 -0.32	28.00 2.60 -2.34	33.25 2.58 -6.77	46.48 2.58 -21.00	36.01 2.33 -12.07	59.94 2.51 -35.45	35.71 2.42 -12.07	88.28 2.40 -66.28	33.79 2.41 -11.02	60.85 2.75 -33.48	37.85 2.82 -10.10	26.92 2.68 0.00	23.02 2.24 0.00	21.05 1.90 0.00
CALPINE_BP_GT1 23823	48.00 1.96 -26.13	19.39 1.70 0.00	18.73 1.67 0.00	18.95 1.68 0.00	19.80 1.63 0.00	23.30 1.95 0.00	24.56 2.43 -0.08	31.38 3.28 0.00	23.06 2.46 0.00	23.15 2.25 0.00	26.13 2.56 -0.32	28.00 2.60 -2.34	33.25 2.58 -6.77	46.48 2.58 -21.00	36.01 2.33 -12.07	59.94 2.51 -35.45	35.71 2.42 -12.07	88.28 2.40 -66.28	33.79 2.41 -11.02	60.85 2.75 -33.48	37.85 2.82 -10.10	26.92 2.68 0.00	23.02 2.24 0.00	21.05 1.90 0.00
CALSPAN___DRP 24200	20.10 0.20 0.00	17.70 0.01 0.00	17.04 -0.02 0.00	16.05 -0.18 1.04	17.65 -0.19 0.34	20.04 -0.20 1.11	8.79 -0.06 13.19	20.01 0.24 8.32	16.73 0.29 4.15	20.18 0.06 0.77	18.56 0.07 4.76	23.12 0.06 0.00	23.82 0.17 0.25	22.46 0.07 0.52	21.66 0.05 0.00	21.86 -0.12 0.00	20.87 -0.33 0.00	12.36 -0.03 7.20	9.65 -0.22 10.50	12.49 -0.24 11.87	12.71 -0.27 11.94	12.10 -0.37 11.76	8.12 -0.58 12.08	11.57 -0.48 7.10
CALVERTON___SOLAR 323806	48.12 2.07 -26.13	19.50 1.81 0.00	18.84 1.77 0.00	19.06 1.79 0.00	19.90 1.72 0.00	23.37 2.01 0.00	24.62 2.49 -0.08	31.47 3.37 0.00	23.04 2.44 0.00	22.98 2.08 0.00	25.75 2.19 -0.32	27.55 2.14 -2.34	32.75 2.08 -6.77	46.05 2.16 -21.00	35.71 2.03 -12.07	59.68 2.25 -35.45	35.60 2.31 -12.07	88.18 2.30 -66.28	33.75 2.36 -11.02	60.75 2.66 -33.48	37.77 2.74 -10.10	26.82 2.59 0.00	22.92 2.14 0.00	20.93 1.78 0.00
CANDIGU_WT_PWR 323617	19.94 0.03 0.00	17.57 -0.12 0.00	16.94 -0.12 0.00	11.85 -0.19 5.23	15.92 -0.09 2.16	12.14 -0.01 9.20	-43.75 0.33 66.12	-48.75 0.56 77.42	-18.42 0.38 39.40	17.22 0.18 3.86	-0.47 0.19 23.92	23.15 0.09 0.00	22.74 0.08 1.24	19.88 0.14 3.16	21.85 0.25 0.00	22.08 0.09 0.00	21.00 -0.21 0.00	-19.50 -0.08 39.01	-36.74 -0.21 56.90	-40.09 -0.28 64.43	-40.57 -0.34 65.16	-40.05 -0.45 63.83	-48.53 -0.37 68.93	-36.08 -0.49 54.75
CARR STREET_E_SYR 24060	19.82 -0.08 0.00	17.57 -0.12 0.00	16.95 -0.11 0.00	17.12 -0.15 0.00	18.01 -0.16 0.00	21.21 -0.14 0.00	22.04 0.00 0.00	28.13 0.03 0.00	20.64 0.04 0.00	20.82 -0.07 0.00	23.18 -0.07 0.00	23.02 -0.05 0.00	23.89 -0.01 0.00	22.88 -0.01 0.00	21.60 0.00 0.00	21.97 -0.01 0.00	21.20 -0.01 0.00	19.67 0.08 0.00	20.40 0.02 0.00	24.62 0.01 0.00	24.99 0.02 -0.05	24.18 0.02 0.00	20.68 -0.10 0.00	19.06 -0.10 0.00
CARTHAGE___PAPER 23857	19.91 0.00 0.00	17.28 -0.41 0.00	16.58 -0.48 0.00	16.70 -0.57 0.00	17.77 -0.41 0.00	20.98 -0.38 0.00	21.73 -0.32 0.00	27.83 -0.26 0.00	20.16 -0.44 0.00	20.14 -0.75 0.00	22.05 -1.20 0.00	21.82 -1.25 0.00	22.69 -1.21 0.00	21.84 -1.06 0.00	20.47 -1.13 0.00	20.80 -1.18 0.00	20.25 -0.96 0.00	18.94 -0.65 0.00	19.95 -0.42 0.00	24.35 -0.26 0.00	24.80 -0.15 -0.03	24.05 -0.19 0.00	20.67 -0.11 0.00	18.97 -0.19 0.00

CASSADAGA_WT_PWR 323784	20.16 0.25 0.00	17.66 -0.03 0.00	17.03 -0.04 0.00	16.42 -0.15 0.70	17.78 -0.11 0.29	20.06 -0.07 1.23	13.53 0.33 8.84	18.24 0.86 10.72	15.78 0.73 5.55	20.94 0.59 0.54	20.55 0.65 3.36	23.44 0.37 0.00	24.02 0.29 0.17	22.63 0.17 0.44	21.84 0.24 0.00	21.90 -0.08 0.00	20.82 -0.38 0.00	14.39 -0.01 5.20	12.52 -0.26 7.59	15.61 -0.40 8.60	15.71 -0.60 8.62	15.04 -0.68 8.52	10.85 -0.74 9.19	11.21 -0.64 7.30
CE_DUNWOOD___DRP 24194	21.37 1.47 0.00	18.98 1.29 0.00	18.35 1.29 0.00	18.59 1.30 -0.02	19.44 1.26 -0.01	22.89 1.51 -0.02	24.26 1.94 -0.27	30.83 2.55 -0.17	22.74 2.06 -0.09	22.80 1.89 -0.02	25.39 2.04 -0.10	25.08 2.02 0.00	25.94 2.04 0.00	24.90 1.99 -0.01	23.44 1.84 0.00	23.99 2.02 0.00	23.23 2.02 0.00	21.81 2.02 -0.19	22.70 2.04 -0.28	27.23 2.29 -0.32	28.11 2.37 -0.82	26.79 2.24 -0.32	22.89 1.79 -0.33	20.90 1.56 -0.19
CE_MILLWOOD___DRP 24193	21.33 1.43 0.00	18.95 1.26 0.00	18.32 1.26 0.00	18.56 1.27 -0.02	19.41 1.23 -0.01	22.85 1.47 -0.02	24.21 1.89 -0.27	30.76 2.49 -0.17	22.69 2.00 -0.09	22.74 1.83 -0.02	25.32 1.97 -0.10	25.02 1.96 0.00	25.88 1.97 0.00	24.84 1.93 -0.01	23.39 1.79 0.00	23.93 1.95 0.00	23.17 1.96 0.00	21.76 1.97 -0.20	22.64 1.99 -0.28	27.17 2.23 -0.32	28.05 2.31 -0.82	26.73 2.18 -0.32	22.84 1.73 -0.33	20.85 1.51 -0.19
CE_NYC2_DRP 24202	21.53 1.62 0.00	19.11 1.42 0.00	18.48 1.41 0.00	18.70 1.42 -0.02	19.57 1.39 -0.01	23.00 1.62 -0.02	24.40 2.09 -0.27	31.03 2.75 -0.17	22.94 2.25 -0.08	23.01 2.11 -0.02	25.60 2.25 -0.10	25.31 2.24 0.00	26.17 2.27 0.00	25.13 2.22 -0.01	23.68 2.08 0.00	24.22 2.23 0.00	23.43 2.22 0.00	22.02 2.22 -0.20	22.87 2.21 -0.28	27.40 2.46 -0.32	28.29 2.55 -0.82	26.97 2.42 -0.32	23.07 1.96 -0.33	21.19 1.71 -0.33
CE_NYC_DRP 24195	21.48 1.57 0.00	19.07 1.38 0.00	18.44 1.37 0.00	18.67 1.38 -0.02	19.52 1.34 -0.01	22.97 1.59 -0.02	24.35 2.03 -0.27	30.94 2.67 -0.17	22.89 2.20 -0.08	22.97 2.06 -0.02	25.57 2.22 -0.10	25.27 2.20 0.00	26.13 2.23 0.00	25.09 2.18 -0.01	23.62 2.02 0.00	24.18 2.20 0.00	23.39 2.18 0.00	21.96 2.17 -0.19	22.83 2.17 -0.28	27.36 2.43 -0.32	28.24 2.49 -0.82	26.93 2.38 -0.32	23.03 1.92 -0.33	21.01 1.67 -0.19
CHAFFEE___LFGE 323603	20.21 0.30 0.00	17.77 0.08 0.00	17.12 0.05 0.00	16.30 -0.12 0.84	17.68 -0.15 0.35	19.74 -0.13 1.48	11.56 0.16 10.65	16.05 0.43 12.47	14.64 0.40 6.36	20.42 0.15 0.62	19.60 0.20 3.85	23.25 0.19 0.00	23.97 0.26 0.20	22.58 0.19 0.51	21.81 0.21 0.00	21.97 -0.01 0.00	20.96 -0.25 0.00	13.84 0.10 5.86	11.75 -0.01 8.61	14.72 -0.14 9.75	14.96 -0.17 9.79	14.27 -0.31 9.66	9.87 -0.48 10.43	10.49 -0.38 8.29
CHATEAUG_35_KV_LOAD 355732	19.76 -0.14 0.00	17.54 -0.15 0.00	16.92 -0.15 0.00	17.24 -0.03 0.00	18.22 0.04 0.00	21.42 0.06 0.00	22.02 -0.02 0.00	28.10 0.00 0.00	20.68 0.08 0.00	21.25 0.36 0.00	23.61 0.36 0.00	23.24 0.18 0.00	23.77 -0.14 0.00	22.75 -0.15 0.00	21.38 -0.22 0.00	21.77 -0.22 0.00	20.91 -0.30 0.00	19.35 -0.25 0.00	20.25 -0.12 0.00	24.65 0.04 0.00	25.00 0.08 0.00	24.12 -0.12 0.00	20.64 -0.14 0.00	19.09 -0.07 0.00
CHATEAUG_WT_PWR 323614	19.76 -0.14 0.00	17.54 -0.15 0.00	16.90 -0.16 0.00	17.24 -0.03 0.00	18.22 0.04 0.00	21.43 0.07 0.00	22.04 0.00 0.00	28.11 0.01 0.00	20.70 0.09 0.00	21.28 0.39 0.00	23.64 0.39 0.00	23.26 0.20 0.00	23.77 -0.14 0.00	22.76 -0.14 0.00	21.38 -0.22 0.00	21.79 -0.19 0.00	20.92 -0.28 0.00	19.38 -0.21 0.00	20.26 -0.11 0.00	24.67 0.06 0.00	25.02 0.10 0.00	24.11 -0.13 0.00	20.63 -0.15 0.00	19.07 -0.09 0.00
CHAT_HIGH_FALL_HYD 323578	19.76 -0.14 0.00	17.54 -0.15 0.00	16.91 -0.15 0.00	17.24 -0.03 0.00	18.22 0.04 0.00	21.43 0.07 0.00	22.03 -0.01 0.00	28.10 0.00 0.00	20.68 0.08 0.00	21.25 0.36 0.00	23.61 0.36 0.00	23.24 0.18 0.00	23.77 -0.14 0.00	22.75 -0.15 0.00	21.38 -0.22 0.00	21.77 -0.22 0.00	20.91 -0.30 0.00	19.35 -0.25 0.00	20.24 -0.13 0.00	24.65 0.04 0.00	25.00 0.08 0.00	24.12 -0.12 0.00	20.64 -0.14 0.00	19.08 -0.08 0.00
CHAUTAUQUA___LFGE 323629	20.20 0.29 0.00	17.73 0.03 0.00	17.08 0.01 0.00	16.19 -0.13 0.95	17.68 -0.10 0.39	19.60 -0.08 1.67	10.26 0.24 12.03	15.08 0.72 13.73	14.31 0.63 6.92	20.66 0.45 0.68	19.55 0.50 4.19	23.41 0.35 0.00	24.05 0.37 0.22	22.60 0.26 0.55	21.91 0.31 0.00	22.01 0.03 0.00	20.98 -0.23 0.00	13.25 0.09 6.43	10.91 -0.08 9.38	13.79 -0.20 10.62	13.95 -0.30 10.67	13.29 -0.42 10.53	8.87 -0.55 11.36	9.65 -0.48 9.03
CHERRYST_13_KV_LD 356241	21.53 1.63 0.00	19.12 1.43 0.00	18.48 1.42 0.00	18.71 1.43 -0.02	19.57 1.39 -0.01	23.03 1.65 -0.02	24.41 2.10 -0.27	31.04 2.77 -0.17	22.96 2.27 -0.08	23.05 2.14 -0.02	25.67 2.31 -0.10	25.36 2.29 0.00	26.22 2.31 0.00	25.17 2.26 -0.01	23.70 2.10 0.00	24.25 2.27 0.00	23.46 2.25 0.00	22.03 2.24 -0.19	22.89 2.23 -0.28	27.44 2.50 -0.32	28.31 2.57 -0.82	27.00 2.45 -0.32	23.09 1.98 -0.33	21.07 1.72 -0.19
CHESTROR_138KV_BK263 355645	21.14 1.23 0.00	18.79 1.09 0.00	18.16 1.09 0.00	18.39 1.10 -0.02	19.25 1.07 -0.01	22.67 1.29 -0.02	24.02 1.69 -0.28	30.50 2.22 -0.18	22.46 1.77 -0.09	22.49 1.58 -0.02	25.05 1.69 -0.10	24.74 1.68 0.00	25.60 1.70 -0.01	24.57 1.66 -0.01	23.14 1.54 0.00	23.67 1.69 0.00	22.91 1.70 0.00	21.53 1.73 -0.20	22.41 1.75 -0.30	26.92 1.97 -0.33	27.79 2.05 -0.82	26.50 1.93 -0.33	22.64 1.52 -0.34	20.67 1.32 -0.20
CH_MIDHUDSON___DRP 24192	21.26 1.35 0.00	18.91 1.22 0.00	18.27 1.21 0.00	18.51 1.22 -0.02	19.36 1.18 -0.01	22.79 1.41 -0.02	24.15 1.84 -0.27	30.66 2.39 -0.17	22.59 1.91 -0.08	22.61 1.70 -0.02	25.18 1.83 -0.10	24.87 1.80 0.00	25.73 1.82 0.00	24.70 1.79 -0.01	23.25 1.65 0.00	23.80 1.82 0.00	23.07 1.86 0.00	21.68 1.89 -0.19	22.58 1.92 -0.28	27.11 2.18 -0.32	28.00 2.26 -0.82	26.66 2.11 -0.31	22.78 1.68 -0.32	20.81 1.47 -0.18
CH_MISC_IPPS 23765	21.38 1.48 0.00	19.01 1.32 0.00	18.37 1.30 0.00	18.59 1.32 0.00	19.47 1.29 0.00	22.91 1.56 0.00	24.03 1.98 0.00	30.71 2.62 0.00	22.66 2.06 0.00	22.75 1.85 0.00	25.25 2.00 0.00	25.03 1.97 0.00	25.90 2.00 0.00	24.87 1.97 0.00	23.42 1.82 0.00	23.98 1.99 0.00	23.20 1.99 0.00	21.60 2.00 0.00	22.39 2.02 0.00	26.95 2.33 0.00	27.83 2.41 -0.50	26.49 2.26 0.00	22.56 1.78 0.00	20.71 1.55 0.00
CH_RES_BVR_FALLS 23983	19.59 -0.31 0.00	17.21 -0.48 0.00	16.58 -0.49 0.00	16.80 -0.46 0.00	17.79 -0.39 0.00	20.89 -0.46 0.00	21.40 -0.65 0.00	27.47 -0.63 0.00	20.24 -0.36 0.00	20.52 -0.36 0.00	22.76 -0.49 0.00	22.57 -0.50 0.00	23.43 -0.47 0.00	22.50 -0.40 0.00	21.22 -0.39 0.00	21.52 -0.46 0.00	20.72 -0.49 0.00	19.15 -0.44 0.00	19.94 -0.43 0.00	24.19 -0.43 0.00	24.46 -0.46 0.00	23.80 -0.44 0.00	20.51 -0.27 0.00	18.85 -0.30 0.00

CH_RES_NIAGARA 23895	19.48 -0.42 0.00	17.14 -0.55 0.00	16.51 -0.56 0.00	15.72 -0.72 0.82	17.05 -0.78 0.34	18.98 -0.93 1.45	10.91 -0.74 10.40	15.23 -0.74 12.13	14.07 -0.37 6.16	19.57 -0.72 0.60	18.76 -0.76 3.73	22.28 -0.79 0.00	23.06 -0.65 0.19	21.72 -0.69 0.49	20.96 -0.64 0.00	21.02 -0.97 0.00	20.05 -1.16 0.00	13.44 -0.61 5.55	11.58 -0.71 8.08	14.49 -0.97 9.15	14.73 -1.01 9.19	14.09 -1.08 9.07	9.79 -1.20 9.79	10.39 -0.99 7.78
CH_RES_SYRACUSE 23985	19.89 -0.02 0.00	17.64 -0.05 0.00	17.02 -0.05 0.00	17.19 -0.08 0.00	18.08 -0.10 0.00	21.30 -0.06 0.00	22.13 0.09 0.00	28.27 0.17 0.00	20.74 0.13 0.00	20.90 0.01 0.00	23.27 0.02 0.00	23.08 0.01 0.00	23.96 0.06 0.00	22.95 0.06 0.00	21.66 0.06 0.00	22.05 0.07 0.00	21.27 0.06 0.00	19.74 0.15 0.00	20.46 0.09 0.00	24.71 0.10 0.00	25.08 0.10 -0.06	24.28 0.05 0.00	20.76 -0.02 0.00	19.13 -0.03 0.00
CLINTON_WT_PWR 323605	19.76 -0.14 0.00	17.54 -0.15 0.00	16.90 -0.16 0.00	17.24 -0.03 0.00	18.22 0.04 0.00	21.43 0.07 0.00	22.04 0.00 0.00	28.11 0.01 0.00	20.70 0.09 0.00	21.28 0.39 0.00	23.64 0.39 0.00	23.26 0.20 0.00	23.77 -0.14 0.00	22.76 -0.14 0.00	21.38 -0.22 0.00	21.79 -0.19 0.00	20.92 -0.28 0.00	19.38 -0.21 0.00	20.26 -0.11 0.00	24.67 0.06 0.00	25.02 0.10 0.00	24.11 -0.13 0.00	20.63 -0.15 0.00	19.07 -0.09 0.00
CLINTON___LFGE 323618	19.96 0.06 0.00	17.72 0.03 0.00	17.07 0.01 0.00	17.40 0.13 0.00	18.38 0.21 0.00	21.66 0.31 0.00	22.33 0.28 0.00	28.43 0.33 0.00	20.92 0.32 0.00	21.47 0.58 0.00	23.83 0.58 0.00	23.41 0.35 0.00	23.90 0.00 0.00	22.89 0.00 0.00	21.50 -0.10 0.00	21.94 -0.05 0.00	21.08 -0.13 0.00	19.58 -0.02 0.00	20.50 0.12 0.00	24.96 0.35 0.00	25.33 0.41 0.00	24.38 0.14 0.00	20.83 0.05 0.00	19.24 0.09 0.00
COBBLENY_34_KV_TB1 80064	20.20 0.29 0.00	17.77 0.07 0.00	17.11 0.05 0.00	16.31 -0.12 0.84	17.76 -0.15 0.26	20.33 -0.13 0.89	11.50 0.05 10.60	21.74 0.38 6.74	17.59 0.37 3.38	20.41 0.14 0.62	19.58 0.18 3.85	23.25 0.18 0.00	23.94 0.23 0.20	22.66 0.18 0.41	21.74 0.13 0.00	21.96 -0.02 0.00	20.95 -0.26 0.00	13.78 0.05 5.87	11.60 -0.14 8.62	14.68 -0.18 9.75	14.93 -0.20 9.79	14.25 -0.32 9.66	10.31 -0.55 9.92	12.86 -0.44 5.85
COFFEEN_115KV_TB3 355620	19.85 -0.05 0.00	17.23 -0.46 0.00	16.54 -0.52 0.00	16.63 -0.63 0.00	17.71 -0.46 0.00	20.91 -0.44 0.00	21.71 -0.33 0.00	27.83 -0.26 0.00	20.13 -0.47 0.00	20.00 -0.89 0.00	21.90 -1.35 -0.01	21.68 -1.39 0.00	22.53 -1.37 0.00	21.71 -1.19 0.00	20.34 -1.26 0.00	20.67 -1.32 0.00	20.15 -1.06 0.00	18.96 -0.68 -0.04	20.03 -0.40 -0.06	24.46 -0.22 -0.07	24.94 -0.08 -0.10	24.17 -0.13 -0.07	20.73 -0.11 -0.07	18.98 -0.21 -0.03
COLDSPRG_115KV_BK1 355956	20.82 0.92 0.00	18.35 0.66 0.00	17.73 0.67 0.00	17.46 0.56 0.36	18.70 0.62 0.09	21.75 0.79 0.40	18.54 1.11 4.62	26.57 1.80 3.33	20.10 1.36 1.86	21.78 1.22 0.33	22.57 1.37 2.05	24.27 1.20 0.00	25.09 1.30 0.10	23.82 1.13 0.20	22.64 1.04 0.00	22.86 0.87 0.00	21.80 0.59 0.00	17.20 0.85 3.25	16.22 0.62 4.77	19.98 0.77 5.40	20.20 0.65 5.37	19.42 0.53 5.35	15.52 0.23 5.49	16.12 0.22 3.26
COLONIE_LFGE___ 323577	20.90 1.00 0.00	18.63 0.94 0.00	18.00 0.93 0.00	18.23 0.96 0.00	19.08 0.90 0.00	22.50 1.15 0.00	23.43 1.39 0.00	29.77 1.67 0.00	21.80 1.20 0.00	21.82 0.92 0.00	24.20 0.95 0.00	24.03 0.96 0.00	24.82 0.92 0.00	23.79 0.89 0.00	22.40 0.80 0.00	22.96 0.98 0.00	22.35 1.14 0.00	20.71 1.12 0.00	21.60 1.22 0.00	26.01 1.40 0.00	27.05 1.52 -0.61	25.60 1.36 0.00	21.77 0.99 0.00	20.04 0.88 0.00
COOPERNY_115KV_TB1 80082	20.97 1.07 0.00	18.63 0.94 0.00	18.00 0.93 0.00	18.24 0.94 -0.02	19.09 0.91 -0.01	22.49 1.11 -0.03	23.82 1.47 -0.31	30.23 1.93 -0.20	22.24 1.54 -0.10	22.28 1.37 -0.02	24.83 1.47 -0.11	24.51 1.44 0.00	25.38 1.47 -0.01	24.35 1.44 -0.01	22.93 1.33 0.00	23.44 1.46 0.00	22.68 1.47 0.00	21.33 1.51 -0.23	22.20 1.50 -0.33	26.68 1.70 -0.37	27.49 1.76 -0.81	26.26 1.65 -0.37	22.46 1.30 -0.38	20.50 1.12 -0.22
COPENHAGEN_WT_PWR 323753	19.75 -0.15 0.00	17.09 -0.60 0.00	16.38 -0.68 0.00	16.45 -0.82 0.00	17.55 -0.63 0.00	20.70 -0.66 0.00	21.46 -0.59 0.00	27.63 -0.46 0.00	20.07 -0.53 0.00	20.00 -0.89 0.00	21.88 -1.37 0.00	21.66 -1.41 0.00	22.53 -1.38 0.00	21.72 -1.18 0.00	20.34 -1.26 0.00	20.64 -1.34 0.00	20.06 -1.14 0.00	18.79 -0.80 0.00	19.79 -0.58 0.00	24.16 -0.45 0.00	24.65 -0.31 -0.03	23.89 -0.35 0.00	20.50 -0.28 0.00	18.80 -0.36 0.00
CORNELL___ 23752	20.45 0.55 0.00	18.12 0.43 0.00	17.49 0.42 0.00	17.97 0.40 -0.30	18.68 0.42 -0.09	22.25 0.57 -0.32	26.66 0.82 -3.80	31.61 1.12 -2.40	22.55 0.77 -1.18	21.68 0.57 -0.22	25.24 0.59 -1.39	23.59 0.53 0.00	24.58 0.61 -0.07	23.65 0.59 -0.16	22.22 0.61 0.00	22.64 0.66 0.00	21.84 0.63 0.00	22.71 0.72 -2.40	24.55 0.68 -3.49	29.41 0.85 -3.96	29.90 0.85 -4.13	28.91 0.76 -3.92	25.34 0.54 -4.02	21.91 0.44 -2.31
CORONA_AV_69_KV_TB1 355595	48.01 1.96 -26.13	19.39 1.70 0.00	18.74 1.67 0.00	18.97 1.68 -0.02	19.81 1.63 -0.01	23.31 1.93 -0.02	24.83 2.42 -0.36	31.47 3.20 -0.17	23.13 2.44 -0.08	23.15 2.24 -0.02	26.23 2.56 -0.42	27.96 2.56 -2.34	33.29 2.61 -6.77	46.45 2.54 -21.01	36.03 2.36 -12.07	59.95 2.53 -35.45	35.79 2.51 -12.07	88.56 2.48 -66.48	34.17 2.49 -11.30	61.27 2.85 -33.80	38.28 2.93 -10.43	27.31 2.76 -0.32	23.33 2.23 -0.33	21.26 1.91 -0.19
CORTLAND_115KV_TB3 80093	20.29 0.38 0.00	17.99 0.30 0.00	17.36 0.29 0.00	17.63 0.27 -0.10	18.48 0.28 -0.03	21.85 0.39 -0.10	23.90 0.62 -1.23	29.64 0.83 -0.71	21.54 0.59 -0.35	21.39 0.42 -0.07	24.15 0.44 -0.46	23.47 0.41 0.00	24.39 0.46 -0.02	23.40 0.45 -0.05	22.04 0.44 0.00	22.46 0.48 0.00	21.66 0.45 0.00	20.98 0.56 -0.83	22.09 0.52 -1.21	26.61 0.63 -1.37	27.03 0.63 -1.48	26.13 0.54 -1.35	22.55 0.39 -1.38	20.22 0.31 -0.76
COXSACKIE___GT 23611	21.21 1.30 0.00	18.91 1.22 0.00	18.28 1.22 0.00	18.51 1.24 0.00	19.41 1.24 0.00	22.98 1.62 0.00	24.00 1.96 0.00	30.46 2.37 0.00	22.13 1.53 0.00	22.02 1.13 0.00	24.24 0.99 0.00	24.06 0.99 0.00	24.76 0.86 0.00	23.74 0.84 0.00	22.34 0.74 0.00	22.99 1.01 0.00	22.51 1.30 0.00	20.95 1.36 0.00	21.94 1.58 0.00	26.58 1.97 0.00	27.58 2.08 -0.57	26.13 1.90 0.00	22.17 1.39 0.00	20.35 1.20 0.00
CPV_VALLEY___CC1 323721	20.99 1.08 0.00	18.65 0.96 0.00	18.03 0.97 0.00	18.24 0.97 0.00	19.11 0.93 0.00	22.48 1.13 0.00	23.54 1.49 0.00	30.08 1.99 0.00	22.19 1.59 0.00	22.31 1.42 0.00	24.76 1.51 0.00	24.57 1.50 0.00	25.41 1.51 0.00	24.38 1.48 0.00	22.95 1.35 0.00	23.49 1.51 0.00	22.74 1.53 0.00	21.15 1.55 0.00	21.90 1.53 0.00	26.36 1.75 0.00	27.20 1.82 -0.46	25.94 1.71 0.00	22.10 1.32 0.00	20.30 1.14 0.00

CPV_VALLEY___CC2 323722	20.99 1.08 0.00	18.65 0.96 0.00	18.03 0.97 0.00	18.24 0.97 0.00	19.11 0.93 0.00	22.48 1.13 0.00	23.54 1.49 0.00	30.08 1.99 0.00	22.19 1.59 0.00	22.31 1.42 0.00	24.76 1.51 0.00	24.57 1.50 0.00	25.41 1.51 0.00	24.38 1.48 0.00	22.95 1.35 0.00	23.49 1.51 0.00	22.74 1.53 0.00	21.15 1.55 0.00	21.90 1.53 0.00	26.36 1.75 0.00	27.20 1.82 -0.46	25.94 1.71 0.00	22.10 1.32 0.00	20.30 1.14 0.00
CRESCENT___HYD 24018	20.90 1.00 0.00	18.63 0.94 0.00	18.00 0.93 0.00	18.23 0.96 0.00	19.08 0.90 0.00	22.50 1.15 0.00	23.43 1.39 0.00	29.77 1.67 0.00	21.80 1.20 0.00	21.82 0.92 0.00	24.20 0.95 0.00	24.03 0.96 0.00	24.82 0.92 0.00	23.79 0.89 0.00	22.40 0.80 0.00	22.96 0.98 0.00	22.35 1.14 0.00	20.71 1.12 0.00	21.60 1.22 0.00	26.01 1.40 0.00	27.05 1.52 -0.61	25.60 1.36 0.00	21.77 0.99 0.00	20.04 0.88 0.00
CRICKET___VALLEY_CC1 323756	21.00 1.09 0.00	18.72 1.03 0.00	18.10 1.03 0.00	18.33 1.06 0.00	19.17 0.99 0.00	22.52 1.17 0.00	23.57 1.53 0.00	30.06 1.96 0.00	22.18 1.58 0.00	22.21 1.33 0.00	24.67 1.42 0.00	24.48 1.42 0.00	25.28 1.38 0.00	24.28 1.38 0.00	22.82 1.22 0.00	23.39 1.41 0.00	22.70 1.49 0.00	21.14 1.55 0.00	21.95 1.58 0.00	26.41 1.80 0.00	27.34 1.90 -0.51	25.98 1.75 0.00	22.14 1.35 0.00	20.36 1.21 0.00
CRICKET___VALLEY_CC2 323757	21.00 1.09 0.00	18.72 1.03 0.00	18.10 1.03 0.00	18.33 1.06 0.00	19.17 0.99 0.00	22.52 1.17 0.00	23.57 1.53 0.00	30.06 1.96 0.00	22.18 1.58 0.00	22.21 1.33 0.00	24.67 1.42 0.00	24.48 1.42 0.00	25.28 1.38 0.00	24.28 1.38 0.00	22.82 1.22 0.00	23.39 1.41 0.00	22.70 1.49 0.00	21.14 1.55 0.00	21.95 1.58 0.00	26.41 1.80 0.00	27.34 1.90 -0.51	25.98 1.75 0.00	22.14 1.35 0.00	20.36 1.21 0.00
CRICKET___VALLEY_CC3 323758	21.00 1.09 0.00	18.72 1.03 0.00	18.10 1.03 0.00	18.33 1.06 0.00	19.17 0.99 0.00	22.52 1.17 0.00	23.57 1.53 0.00	30.06 1.96 0.00	22.18 1.58 0.00	22.21 1.33 0.00	24.67 1.42 0.00	24.48 1.42 0.00	25.28 1.38 0.00	24.28 1.38 0.00	22.82 1.22 0.00	23.39 1.41 0.00	22.70 1.49 0.00	21.14 1.55 0.00	21.95 1.58 0.00	26.41 1.80 0.00	27.34 1.90 -0.51	25.98 1.75 0.00	22.14 1.35 0.00	20.36 1.21 0.00
CRUCIBLE_METL_DRP 24180	19.89 -0.02 0.00	17.64 -0.05 0.00	17.01 -0.05 0.00	17.21 -0.08 -0.02	18.09 -0.10 -0.01	21.32 -0.06 -0.02	22.43 0.08 -0.31	28.46 0.17 -0.19	20.83 0.13 -0.09	20.92 0.01 -0.02	23.39 0.02 -0.12	23.08 0.01 0.00	23.96 0.06 -0.01	22.97 0.05 -0.02	21.66 0.06 0.00	22.05 0.07 0.00	21.27 0.06 0.00	20.03 0.15 -0.29	20.87 0.08 -0.42	25.20 0.10 -0.48	25.57 0.10 -0.54	24.76 0.05 -0.47	21.24 -0.03 -0.48	19.39 -0.04 -0.27
DAHOWA___HYDRO 323763	21.09 1.18 0.00	18.77 1.08 0.00	18.13 1.07 0.00	18.36 1.09 0.00	19.26 1.08 0.00	22.74 1.38 0.00	23.74 1.69 0.00	30.19 2.10 0.00	22.03 1.43 0.00	22.05 1.16 0.00	24.38 1.13 0.00	24.19 1.13 0.00	24.99 1.09 0.00	23.97 1.07 0.00	22.55 0.95 0.00	23.09 1.11 0.00	22.52 1.30 0.00	20.96 1.37 0.00	21.85 1.48 0.00	26.35 1.74 0.00	27.40 1.86 -0.62	25.95 1.71 0.00	22.04 1.26 0.00	20.26 1.11 0.00
DANC___LFGE 323619	19.70 -0.21 0.00	17.21 -0.48 0.00	16.54 -0.53 0.00	16.65 -0.62 0.00	17.66 -0.52 0.00	20.81 -0.55 0.00	21.57 -0.47 0.00	27.65 -0.45 0.00	20.16 -0.44 0.00	20.17 -0.72 0.00	22.25 -1.00 0.00	22.05 -1.02 0.00	22.89 -1.01 0.00	22.02 -0.87 0.00	20.69 -0.91 0.00	21.00 -0.98 0.00	20.36 -0.85 0.00	19.01 -0.59 0.00	19.90 -0.47 0.00	24.24 -0.37 0.00	24.68 -0.27 -0.04	23.92 -0.31 0.00	20.50 -0.28 0.00	18.84 -0.32 0.00
DANSKAMMER___1 23586	21.38 1.48 0.00	19.01 1.32 0.00	18.37 1.30 0.00	18.59 1.32 0.00	19.47 1.29 0.00	22.91 1.56 0.00	24.03 1.98 0.00	30.71 2.62 0.00	22.66 2.06 0.00	22.75 1.85 0.00	25.25 2.00 0.00	25.03 1.97 0.00	25.90 2.00 0.00	24.87 1.97 0.00	23.42 1.82 0.00	23.98 1.99 0.00	23.20 1.99 0.00	21.60 2.00 0.00	22.39 2.02 0.00	26.95 2.33 0.00	27.83 2.41 -0.50	26.49 2.26 0.00	22.56 1.78 0.00	20.71 1.55 0.00
DANSKAMMER___2 23589	21.38 1.48 0.00	19.01 1.32 0.00	18.37 1.30 0.00	18.59 1.32 0.00	19.47 1.29 0.00	22.91 1.56 0.00	24.03 1.98 0.00	30.71 2.62 0.00	22.66 2.06 0.00	22.75 1.85 0.00	25.25 2.00 0.00	25.03 1.97 0.00	25.90 2.00 0.00	24.87 1.97 0.00	23.42 1.82 0.00	23.98 1.99 0.00	23.20 1.99 0.00	21.60 2.00 0.00	22.39 2.02 0.00	26.95 2.33 0.00	27.83 2.41 -0.50	26.49 2.26 0.00	22.56 1.78 0.00	20.71 1.55 0.00
DANSKAMMER___3 23590	21.38 1.48 0.00	19.01 1.32 0.00	18.37 1.30 0.00	18.59 1.32 0.00	19.47 1.29 0.00	22.91 1.56 0.00	24.03 1.98 0.00	30.71 2.62 0.00	22.66 2.06 0.00	22.75 1.85 0.00	25.25 2.00 0.00	25.03 1.97 0.00	25.90 2.00 0.00	24.87 1.97 0.00	23.42 1.82 0.00	23.98 1.99 0.00	23.20 1.99 0.00	21.60 2.00 0.00	22.39 2.02 0.00	26.95 2.33 0.00	27.83 2.41 -0.50	26.49 2.26 0.00	22.56 1.78 0.00	20.71 1.55 0.00
DANSKAMMER___4 23591	21.38 1.48 0.00	19.01 1.32 0.00	18.37 1.30 0.00	18.59 1.32 0.00	19.47 1.29 0.00	22.91 1.56 0.00	24.03 1.98 0.00	30.71 2.62 0.00	22.66 2.06 0.00	22.75 1.85 0.00	25.25 2.00 0.00	25.03 1.97 0.00	25.90 2.00 0.00	24.87 1.97 0.00	23.42 1.82 0.00	23.98 1.99 0.00	23.20 1.99 0.00	21.60 2.00 0.00	22.39 2.02 0.00	26.95 2.33 0.00	27.83 2.41 -0.50	26.49 2.26 0.00	22.56 1.78 0.00	20.71 1.55 0.00
DANSKAMMER___DIESEL 23592	21.39 1.48 0.00	19.01 1.32 0.00	18.36 1.30 0.00	18.61 1.32 -0.02	19.47 1.29 -0.01	22.93 1.55 -0.02	24.31 2.00 -0.27	30.89 2.62 -0.17	22.75 2.06 -0.08	22.77 1.86 -0.02	25.35 2.00 -0.10	25.04 1.97 0.00	25.91 2.01 0.00	24.88 1.97 -0.01	23.44 1.83 0.00	23.98 1.99 0.00	23.21 2.00 0.00	21.80 2.01 -0.19	22.70 2.05 -0.28	27.27 2.33 -0.32	28.16 2.41 -0.82	26.81 2.26 -0.32	22.90 1.79 -0.32	20.91 1.56 -0.18
DARBY___SOLAR 323810	21.06 1.15 0.00	18.75 1.06 0.00	18.11 1.05 0.00	18.35 1.07 -0.02	19.24 1.06 0.00	22.72 1.35 -0.02	23.89 1.64 -0.20	30.26 2.03 -0.13	22.07 1.41 -0.06	22.05 1.15 -0.01	24.47 1.15 -0.08	24.22 1.15 0.00	25.02 1.11 0.00	24.00 1.09 -0.01	22.57 0.97 0.00	23.11 1.13 0.00	22.52 1.31 0.00	21.09 1.35 -0.15	22.04 1.46 -0.21	26.54 1.69 -0.24	27.59 1.80 -0.87	26.13 1.66 -0.24	22.25 1.22 -0.24	20.39 1.09 -0.14
DASHVILLE___HYD 23610	21.05 1.14 0.00	18.68 0.99 0.00	18.05 0.99 0.00	18.29 1.01 -0.02	19.15 0.97 -0.01	22.53 1.15 -0.02	23.83 1.52 -0.26	30.29 2.03 -0.17	22.39 1.71 -0.08	22.46 1.56 -0.02	25.03 1.69 -0.09	24.71 1.66 0.00	25.62 1.71 0.00	24.57 1.66 -0.01	23.15 1.55 0.00	23.66 1.68 0.00	22.88 1.67 0.00	21.50 1.71 -0.19	22.34 1.70 -0.27	26.82 1.90 -0.31	27.71 1.96 -0.83	26.38 1.84 -0.30	22.57 1.49 -0.31	20.62 1.28 -0.18

DEERFIELD_69_KV_DEERFIELD LD 355887	48.47 2.43 -26.13	19.81 2.12 0.00	19.15 2.09 0.00	19.39 2.10 -0.02	20.25 2.07 -0.01	23.81 2.43 -0.02	25.38 2.98 -0.36	32.32 4.05 -0.17	23.63 2.94 -0.08	23.46 2.55 -0.02	26.37 2.70 -0.42	28.07 2.66 -2.34	33.21 2.53 -6.77	46.57 2.66 -21.01	36.22 2.55 -12.07	60.20 2.77 -35.45	36.09 2.81 -12.07	88.88 2.80 -66.48	34.59 2.91 -11.30	61.71 3.29 -33.80	38.73 3.37 -10.43	27.75 3.20 -0.32	23.72 2.62 -0.33	21.56 2.21 -0.19
DELAWARE___LFGE 323621	20.73 0.82 0.00	18.40 0.71 0.00	17.76 0.70 0.00	18.02 0.70 -0.05	18.89 0.70 -0.01	22.29 0.88 -0.06	23.85 1.14 -0.67	30.05 1.52 -0.43	21.99 1.17 -0.22	21.97 1.04 -0.04	24.61 1.11 -0.24	24.13 1.06 0.00	25.02 1.10 -0.01	23.99 1.07 -0.03	22.61 1.01 0.00	23.06 1.08 0.00	22.28 1.07 0.00	21.17 1.11 -0.47	22.15 1.10 -0.69	26.67 1.28 -0.77	27.24 1.31 -1.01	26.22 1.22 -0.77	22.53 0.97 -0.79	20.44 0.83 -0.45
DERFIELD_115KV_TB7 355931	19.97 0.06 0.00	17.73 0.04 0.00	17.11 0.05 0.00	17.31 0.04 0.00	18.21 0.04 0.00	21.41 0.06 0.00	22.19 0.12 -0.02	28.25 0.13 -0.02	20.72 0.10 -0.01	20.94 0.05 0.00	23.28 0.02 -0.01	23.07 0.00 0.00	23.90 0.00 0.00	22.90 0.00 0.00	21.60 0.00 0.00	22.01 0.02 0.00	21.26 0.06 0.00	19.70 0.09 -0.02	20.48 0.08 -0.03	24.74 0.10 -0.03	25.06 0.10 -0.04	24.34 0.08 -0.03	20.86 0.04 -0.03	19.20 0.02 -0.02
DOGLEVILLE___HYD 23807	19.89 -0.02 0.00	17.72 0.03 0.00	17.15 0.08 0.00	17.37 0.10 0.00	18.16 -0.01 0.00	21.37 0.02 0.00	22.49 0.45 0.00	28.47 0.37 0.00	20.79 0.19 0.00	20.80 -0.09 0.00	22.88 -0.37 0.00	22.66 -0.41 0.00	23.38 -0.52 0.00	22.33 -0.57 0.00	20.99 -0.61 0.00	21.54 -0.44 0.00	21.05 -0.16 0.00	19.73 0.13 0.00	20.63 0.26 0.00	24.92 0.31 0.00	25.28 0.35 -0.01	24.48 0.25 0.00	20.68 -0.10 0.00	18.89 -0.26 0.00
DUNKIRK___115KV_TB_200 55889	20.20 0.29 0.00	17.74 0.05 0.00	17.08 0.02 0.00	16.18 -0.12 0.97	17.78 -0.10 0.30	20.25 -0.07 1.04	9.90 0.13 12.28	20.98 0.65 7.78	17.38 0.58 3.80	20.63 0.43 0.69	19.45 0.47 4.27	23.40 0.34 0.00	24.03 0.35 0.22	22.69 0.25 0.46	21.85 0.25 0.00	22.01 0.03 0.00	20.99 -0.22 0.00	13.09 0.06 6.56	10.61 -0.18 9.57	13.58 -0.21 10.82	13.76 -0.29 10.87	13.12 -0.40 10.72	9.20 -0.58 11.00	12.23 -0.50 6.43
DUNKIRK___1 23563	20.20 0.29 0.00	17.74 0.05 0.00	17.08 0.02 0.00	16.18 -0.12 0.97	17.78 -0.10 0.30	20.25 -0.07 1.04	9.90 0.13 12.28	20.98 0.65 7.78	17.38 0.58 3.80	20.63 0.43 0.69	19.45 0.47 4.27	23.40 0.34 0.00	24.03 0.35 0.22	22.69 0.25 0.46	21.85 0.25 0.00	22.01 0.03 0.00	20.99 -0.22 0.00	13.09 0.06 6.56	10.61 -0.18 9.57	13.58 -0.21 10.82	13.76 -0.29 10.87	13.12 -0.40 10.72	9.20 -0.58 11.00	12.23 -0.50 6.43
DUNKIRK___2 23564	20.20 0.29 0.00	17.74 0.05 0.00	17.08 0.02 0.00	16.18 -0.12 0.97	17.78 -0.10 0.30	20.25 -0.07 1.04	9.90 0.13 12.28	20.98 0.65 7.78	17.38 0.58 3.80	20.63 0.43 0.69	19.45 0.47 4.27	23.40 0.34 0.00	24.03 0.35 0.22	22.69 0.25 0.46	21.85 0.25 0.00	22.01 0.03 0.00	20.99 -0.22 0.00	13.09 0.06 6.56	10.61 -0.18 9.57	13.58 -0.21 10.82	13.76 -0.29 10.87	13.12 -0.40 10.72	9.20 -0.58 11.00	12.23 -0.50 6.43
DUNKIRK___3 23565	20.19 0.28 0.00	17.74 0.05 0.00	17.09 0.03 0.00	16.12 -0.11 1.04	17.75 -0.10 0.33	20.17 -0.08 1.11	9.02 0.12 13.14	20.31 0.61 8.40	17.01 0.55 4.14	20.51 0.37 0.75	19.03 0.41 4.64	23.37 0.30 0.00	24.00 0.33 0.24	22.64 0.24 0.50	21.83 0.22 0.00	22.00 0.02 0.00	20.99 -0.22 0.00	12.54 0.06 7.12	9.83 -0.16 10.38	12.69 -0.18 11.74	12.87 -0.25 11.80	12.25 -0.35 11.63	8.31 -0.55 11.92	11.75 -0.47 6.94
DUNKIRK___4 23566	20.19 0.28 0.00	17.74 0.05 0.00	17.09 0.03 0.00	16.12 -0.11 1.04	17.75 -0.10 0.33	20.17 -0.08 1.11	9.02 0.12 13.14	20.31 0.61 8.40	17.01 0.55 4.14	20.51 0.37 0.75	19.03 0.41 4.64	23.37 0.30 0.00	24.00 0.33 0.24	22.64 0.24 0.50	21.83 0.22 0.00	22.00 0.02 0.00	20.99 -0.22 0.00	12.54 0.06 7.12	9.83 -0.16 10.38	12.69 -0.18 11.74	12.87 -0.25 11.80	12.25 -0.35 11.63	8.31 -0.55 11.92	11.75 -0.47 6.94
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.41 1.51 0.00	19.02 1.33 0.00	18.38 1.32 0.00	18.62 1.33 -0.02	19.47 1.29 -0.01	22.92 1.54 -0.02	24.29 1.97 -0.27	30.87 2.60 -0.17	22.79 2.10 -0.08	22.84 1.93 -0.02	25.44 2.09 -0.10	25.14 2.07 0.00	25.99 2.09 0.00	24.95 2.04 -0.01	23.50 1.90 0.00	24.05 2.07 0.00	23.28 2.07 0.00	21.86 2.07 -0.19	22.74 2.08 -0.28	27.28 2.34 -0.32	28.15 2.41 -0.82	26.84 2.28 -0.32	22.94 1.83 -0.33	20.94 1.60 -0.19
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.25 1.35 0.00	18.88 1.19 0.00	18.25 1.18 0.00	18.48 1.19 -0.02	19.35 1.17 -0.01	22.78 1.40 -0.02	24.15 1.83 -0.28	30.67 2.40 -0.18	22.60 1.91 -0.09	22.62 1.71 -0.02	25.19 1.84 -0.10	24.87 1.81 0.00	25.74 1.84 -0.01	24.72 1.81 -0.01	23.28 1.68 0.00	23.82 1.83 0.00	23.05 1.84 0.00	21.65 1.86 -0.20	22.53 1.87 -0.29	27.07 2.13 -0.32	27.95 2.20 -0.82	26.63 2.08 -0.32	22.74 1.63 -0.33	20.77 1.42 -0.19
E179THST_138_KV_TB4_REV_LBMP_J 345001	21.47 1.57 0.00	19.07 1.37 0.00	18.44 1.37 0.00	18.67 1.38 -0.02	19.52 1.34 -0.01	22.93 1.55 -0.02	24.37 2.05 -0.27	30.98 2.71 -0.17	22.91 2.22 -0.08	22.95 2.05 -0.02	25.52 2.18 -0.10	25.25 2.19 0.00	26.12 2.21 0.00	25.08 2.17 -0.01	23.64 2.04 0.00	24.16 2.18 0.00	23.37 2.16 0.00	21.95 2.15 -0.20	22.80 2.15 -0.28	27.33 2.39 -0.32	28.25 2.50 -0.82	26.92 2.37 -0.32	23.02 1.92 -0.33	21.16 1.68 -0.33
E179THST_13_KV_LOAD 356214	21.55 1.64 0.00	19.13 1.43 0.00	18.49 1.43 0.00	18.72 1.43 -0.02	19.58 1.40 -0.01	23.00 1.62 -0.02	24.45 2.14 -0.27	31.09 2.82 -0.17	23.00 2.31 -0.08	23.04 2.14 -0.02	25.62 2.27 -0.10	25.35 2.29 0.00	26.23 2.32 0.00	25.18 2.27 -0.01	23.74 2.13 0.00	24.27 2.28 0.00	23.47 2.26 0.00	22.04 2.25 -0.20	22.90 2.24 -0.28	27.45 2.51 -0.32	28.36 2.62 -0.82	27.04 2.48 -0.32	23.12 2.01 -0.33	21.24 1.75 -0.33
EAST HAMPTON___GT 23717	48.68 2.64 -26.13	20.01 2.31 0.00	19.33 2.27 0.00	19.56 2.29 0.00	20.45 2.28 0.00	24.09 2.73 0.00	25.42 3.30 -0.08	32.63 4.53 0.00	23.84 3.24 0.00	23.73 2.84 0.00	26.61 3.04 -0.32	28.34 2.94 -2.34	33.43 2.76 -6.77	46.81 2.92 -21.00	36.44 2.77 -12.07	60.47 3.04 -35.45	36.36 3.07 -12.07	88.93 3.05 -66.28	34.55 3.16 -11.02	61.71 3.61 -33.48	38.72 3.69 -10.10	27.76 3.53 0.00	23.62 2.83 0.00	21.54 2.38 0.00
EAST RIVER___6 23660	21.53 1.62 0.00	19.11 1.42 0.00	18.48 1.42 0.00	18.69 1.42 0.00	19.56 1.39 0.00	23.00 1.64 0.00	24.11 2.07 0.00	30.85 2.76 0.00	22.87 2.27 0.00	23.03 2.14 0.00	25.56 2.31 0.00	25.35 2.29 0.00	26.21 2.31 0.00	25.17 2.27 0.00	23.69 2.09 0.00	24.27 2.29 0.00	23.47 2.26 0.00	21.84 2.24 0.00	22.58 2.21 0.00	27.13 2.51 0.00	27.99 2.57 -0.49	26.68 2.45 0.00	22.74 1.96 0.00	20.86 1.71 0.00

EAST_RIVER___7 23524	21.53 1.62 0.00	19.11 1.42 0.00	18.48 1.42 0.00	18.69 1.42 0.00	19.56 1.39 0.00	23.00 1.64 0.00	24.11 2.07 0.00	30.85 2.76 0.00	22.87 2.27 0.00	23.03 2.14 0.00	25.56 2.31 0.00	25.35 2.29 0.00	26.21 2.31 0.00	25.17 2.27 0.00	23.69 2.09 0.00	24.27 2.29 0.00	23.47 2.26 0.00	21.84 2.24 0.00	22.58 2.21 0.00	27.13 2.51 0.00	27.99 2.57 -0.49	26.68 2.45 0.00	22.74 1.96 0.00	20.86 1.71 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.37 1.47 0.00	18.98 1.29 0.00	18.35 1.29 0.00	18.59 1.30 -0.02	19.44 1.26 -0.01	22.89 1.51 -0.02	24.26 1.94 -0.27	30.83 2.55 -0.17	22.74 2.06 -0.09	22.80 1.89 -0.02	25.39 2.04 -0.10	25.08 2.02 0.00	25.94 2.04 0.00	24.90 1.99 -0.01	23.44 1.84 0.00	23.99 2.02 0.00	23.23 2.02 0.00	21.81 2.02 -0.19	22.70 2.04 -0.28	27.23 2.29 -0.32	28.11 2.37 -0.82	26.79 2.24 -0.32	22.89 1.79 -0.33	20.90 1.56 -0.19
EAST_HAMPTON___DIESEL 23722	48.70 2.66 -26.13	20.01 2.32 0.00	19.34 2.27 0.00	19.57 2.30 0.00	20.46 2.29 0.00	24.10 2.74 0.00	25.44 3.31 -0.08	32.65 4.55 0.00	23.85 3.25 0.00	23.74 2.85 0.00	26.62 3.05 -0.32	28.35 2.95 -2.34	33.43 2.76 -6.77	46.82 2.92 -21.00	36.45 2.77 -12.07	60.47 3.04 -35.45	36.36 3.08 -12.07	88.93 3.05 -66.28	34.56 3.17 -11.02	61.71 3.62 -33.48	38.72 3.70 -10.10	27.76 3.53 0.00	23.62 2.84 0.00	21.54 2.39 0.00
EAST_PULASKI___ESR 323781	19.67 -0.23 0.00	17.34 -0.35 0.00	16.70 -0.36 0.00	16.85 -0.41 0.00	17.78 -0.39 0.00	20.93 -0.42 0.01	21.69 -0.34 0.02	27.72 -0.36 0.02	20.27 -0.32 0.01	20.38 -0.51 0.00	22.63 -0.63 -0.01	22.45 -0.62 0.00	23.30 -0.61 0.00	22.35 -0.54 0.00	21.04 -0.56 0.00	21.39 -0.59 0.00	20.68 -0.52 0.00	19.28 -0.36 -0.04	20.09 -0.33 -0.06	24.38 -0.30 -0.06	24.79 -0.24 -0.11	24.03 -0.27 -0.06	20.57 -0.28 -0.06	18.89 -0.27 -0.01
EAST_RIVER___1 323558	21.48 1.57 0.00	19.07 1.38 0.00	18.44 1.38 0.00	18.65 1.38 0.00	19.51 1.34 0.00	22.95 1.59 0.00	24.05 2.00 0.00	30.77 2.67 0.00	22.79 2.19 0.00	22.95 2.06 0.00	25.47 2.22 0.00	25.26 2.20 0.00	26.12 2.21 0.00	25.08 2.18 0.00	23.60 2.00 0.00	24.18 2.19 0.00	23.38 2.18 0.00	21.75 2.16 0.00	22.51 2.14 0.00	27.04 2.42 0.00	27.91 2.49 -0.49	26.61 2.37 0.00	22.70 1.91 0.00	20.81 1.66 0.00
EAST_RIVER___2 323559	21.53 1.62 0.00	19.11 1.42 0.00	18.48 1.42 0.00	18.69 1.42 0.00	19.56 1.39 0.00	23.00 1.64 0.00	24.11 2.07 0.00	30.85 2.76 0.00	22.87 2.27 0.00	23.03 2.14 0.00	25.56 2.31 0.00	25.35 2.29 0.00	26.21 2.31 0.00	25.17 2.27 0.00	23.69 2.09 0.00	24.27 2.29 0.00	23.47 2.26 0.00	21.84 2.24 0.00	22.58 2.21 0.00	27.13 2.51 0.00	27.99 2.57 -0.49	26.68 2.45 0.00	22.74 1.96 0.00	20.86 1.71 0.00
EAST___DELAWARE_HYD 23607	21.82 1.91 0.00	19.38 1.69 0.00	18.74 1.68 0.00	18.97 1.70 0.00	19.91 1.73 0.00	23.42 2.07 0.00	24.53 2.48 0.00	31.20 3.10 0.00	22.99 2.39 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.33 2.27 0.00	26.37 2.47 0.00	25.11 2.21 0.00	23.51 1.91 0.00	24.04 2.06 0.00	23.26 2.06 0.00	21.69 2.09 0.00	22.49 2.12 0.00	27.07 2.46 0.00	27.93 2.53 -0.48	26.61 2.38 0.00	22.67 1.89 0.00	20.83 1.67 0.00
EIGHT_POINT___WT_PWR 323820	19.87 -0.03 0.00	17.43 -0.26 0.00	16.78 -0.28 0.00	19.95 -0.28 -2.97	19.25 -0.16 -1.23	26.58 -0.02 -5.24	59.98 0.38 -37.56	72.77 0.70 -43.97	43.42 0.45 -22.38	23.33 0.24 -2.19	37.04 0.18 -13.61	23.08 0.01 0.00	24.51 -0.10 -0.71	24.78 0.08 -1.80	21.83 0.23 0.00	21.89 -0.09 0.00	20.69 -0.51 0.00	41.86 -0.44 -22.70	52.86 -0.62 -33.11	61.32 -0.78 -37.48	62.20 -0.81 -38.09	60.40 -0.98 -37.13	60.16 -0.73 -40.11	50.18 -0.82 -31.85
ELBRIDGE_115KV_TB2 80188	19.86 -0.04 0.00	17.62 -0.08 0.00	17.01 -0.05 0.00	17.22 -0.08 -0.03	18.07 -0.11 -0.01	21.32 -0.07 -0.03	22.53 0.06 -0.43	28.55 0.18 -0.26	20.88 0.14 -0.13	20.95 0.03 -0.03	23.45 0.03 -0.17	23.08 0.01 0.00	23.97 0.06 -0.01	22.96 0.05 -0.02	21.67 0.06 0.00	22.06 0.08 0.00	21.27 0.06 0.00	20.13 0.15 -0.39	21.00 0.06 -0.56	25.35 0.10 -0.64	25.72 0.09 -0.70	24.91 0.05 -0.63	21.38 -0.04 -0.64	19.48 -0.04 -0.36
ELEC_TRO_TEK 24086	47.90 1.86 -26.13	19.30 1.61 0.00	18.66 1.59 0.00	18.88 1.60 -0.02	19.72 1.54 -0.01	23.21 1.83 -0.02	24.74 2.34 -0.36	31.39 3.13 -0.17	23.07 2.39 -0.08	23.09 2.19 -0.02	26.14 2.47 -0.42	27.89 2.49 -2.34	33.15 2.47 -6.77	46.35 2.45 -21.01	35.94 2.27 -12.07	59.87 2.44 -35.45	35.70 2.42 -12.07	88.47 2.40 -66.48	34.09 2.42 -11.30	61.16 2.74 -33.80	38.18 2.82 -10.43	27.22 2.67 -0.32	23.27 2.16 -0.33	21.20 1.86 -0.19
ELLENBURG_WT_PWR 323604	19.76 -0.14 0.00	17.54 -0.15 0.00	16.90 -0.16 0.00	17.24 -0.03 0.00	18.22 0.04 0.00	21.43 0.07 0.00	22.04 0.00 0.00	28.11 0.01 0.00	20.70 0.09 0.00	21.28 0.39 0.00	23.64 0.39 0.00	23.26 0.20 0.00	23.77 -0.14 0.00	22.76 -0.14 0.00	21.38 -0.22 0.00	21.79 -0.19 0.00	20.92 -0.28 0.00	19.38 -0.21 0.00	20.26 -0.11 0.00	24.67 0.06 0.00	25.02 0.10 0.00	24.11 -0.13 0.00	20.63 -0.15 0.00	19.07 -0.09 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.98 0.07 0.00	17.58 -0.11 0.00	16.93 -0.13 0.00	15.89 -0.28 1.09	17.50 -0.31 0.36	19.85 -0.35 1.16	8.06 -0.23 13.76	19.21 0.03 8.92	16.30 0.14 4.44	20.01 -0.08 0.80	18.20 -0.09 4.96	22.96 -0.10 0.00	23.66 0.01 0.26	22.29 -0.07 0.54	21.52 -0.08 0.00	21.71 -0.27 0.00	20.73 -0.48 0.00	11.85 -0.16 7.58	8.96 -0.35 11.06	11.71 -0.41 12.50	11.92 -0.43 12.57	11.32 -0.53 12.38	7.38 -0.73 12.68	11.27 -0.60 7.28
EMPIRE_CC_1 323656	20.95 1.04 0.00	18.70 1.01 0.00	18.08 1.01 0.00	18.31 1.05 0.00	19.13 0.95 0.00	22.55 1.19 0.00	23.50 1.45 0.00	29.86 1.77 0.00	21.92 1.32 0.00	21.90 1.01 0.00	24.31 1.07 0.00	24.15 1.09 0.00	24.93 1.03 0.00	23.91 1.01 0.00	22.50 0.89 0.00	23.09 1.10 0.00	22.49 1.28 0.00	20.82 1.22 0.00	21.71 1.34 0.00	26.11 1.50 0.00	27.14 1.64 -0.58	25.68 1.44 0.00	21.74 0.96 0.00	20.01 0.85 0.00
EMPIRE_CC_2 323658	20.95 1.04 0.00	18.70 1.01 0.00	18.08 1.01 0.00	18.31 1.05 0.00	19.13 0.95 0.00	22.55 1.19 0.00	23.50 1.45 0.00	29.86 1.77 0.00	21.92 1.32 0.00	21.90 1.01 0.00	24.31 1.07 0.00	24.15 1.09 0.00	24.93 1.03 0.00	23.91 1.01 0.00	22.50 0.89 0.00	23.09 1.10 0.00	22.49 1.28 0.00	20.82 1.22 0.00	21.71 1.34 0.00	26.11 1.50 0.00	27.14 1.64 -0.58	25.68 1.44 0.00	21.74 0.96 0.00	20.01 0.85 0.00
ENORWICH_115KV_TB1 80156	21.43 1.53 0.00	18.89 1.20 0.00	18.23 1.17 0.00	18.56 1.15 -0.15	19.44 1.22 -0.04	23.15 1.63 -0.16	25.98 2.09 -1.85	31.97 2.69 -1.18	22.94 1.76 -0.58	22.40 1.41 -0.11	25.35 1.42 -0.68	24.43 1.36 0.00	25.32 1.38 -0.04	24.28 1.31 -0.07	22.98 1.38 0.00	23.51 1.53 0.00	22.76 1.55 0.00	22.48 1.66 -1.22	23.89 1.74 -1.78	28.84 2.22 -2.01	29.27 2.15 -2.20	28.29 2.06 -1.99	24.31 1.49 -2.04	21.56 1.23 -1.17

ERIE_ST__34_KV_TB1-2 80199	20.44 0.53 0.00	18.00 0.31 0.00	17.34 0.28 0.00	16.49 0.14 0.91	18.00 0.14 0.31	20.57 0.19 0.97	10.86 0.38 11.57	21.64 0.81 7.27	17.67 0.71 3.64	20.70 0.49 0.68	19.64 0.57 4.18	23.59 0.53 0.00	24.36 0.67 0.22	23.00 0.57 0.47	22.09 0.49 0.00	22.32 0.34 0.00	21.33 0.12 0.00	13.68 0.42 6.33	11.38 0.24 9.24	14.48 0.32 10.44	14.71 0.28 10.49	14.05 0.16 10.35	10.04 -0.12 10.61	12.86 -0.08 6.23
ERIE_WT_PWR 323693	20.13 0.22 0.00	17.72 0.03 0.00	17.07 0.01 0.00	16.06 -0.16 1.05	17.57 -0.17 0.43	19.32 -0.19 1.85	8.86 0.07 13.26	12.98 0.31 15.44	13.09 0.35 7.85	20.21 0.08 0.77	18.60 0.11 4.76	23.15 0.09 0.00	23.87 0.21 0.25	22.36 0.08 0.63	21.72 0.12 0.00	21.86 -0.12 0.00	20.87 -0.33 0.00	12.43 0.03 7.20	9.80 -0.08 10.49	12.53 -0.21 11.87	12.76 -0.22 11.94	12.12 -0.35 11.76	7.57 -0.52 12.69	8.65 -0.42 10.09
ESPRGFLD_115KV_TB1 80157	20.98 1.07 0.00	18.55 0.86 0.00	17.89 0.83 0.00	18.10 0.80 -0.03	19.08 0.90 -0.01	22.50 1.11 -0.03	23.72 1.28 -0.39	30.19 1.84 -0.26	22.11 1.38 -0.13	22.25 1.34 -0.02	24.84 1.45 -0.15	24.37 1.30 0.00	25.33 1.42 -0.01	24.34 1.42 -0.02	23.01 1.41 0.00	23.35 1.37 0.00	22.52 1.31 0.00	21.17 1.29 -0.28	22.03 1.25 -0.41	26.64 1.56 -0.46	26.93 1.57 -0.44	26.20 1.51 -0.46	22.51 1.26 -0.47	20.54 1.11 -0.27
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.43 0.52 0.00	18.10 0.41 0.00	17.47 0.41 0.00	17.90 0.38 -0.25	18.65 0.40 -0.08	22.17 0.55 -0.26	25.98 0.79 -3.15	31.15 1.09 -1.97	22.32 0.75 -0.97	21.62 0.55 -0.18	24.98 0.58 -1.16	23.58 0.51 0.00	24.55 0.58 -0.06	23.60 0.57 -0.13	22.19 0.59 0.00	22.61 0.63 0.00	21.82 0.60 0.00	22.31 0.71 -2.00	23.96 0.67 -2.92	28.74 0.83 -3.31	29.22 0.82 -3.47	28.25 0.74 -3.27	24.66 0.53 -3.35	21.50 0.43 -1.92
ETNA____115KV_TB2 80207	20.43 0.52 0.00	18.10 0.41 0.00	17.47 0.41 0.00	17.90 0.38 -0.25	18.65 0.40 -0.08	22.17 0.55 -0.26	25.98 0.79 -3.15	31.15 1.09 -1.97	22.32 0.75 -0.97	21.62 0.55 -0.18	24.98 0.58 -1.16	23.58 0.51 0.00	24.55 0.58 -0.06	23.60 0.57 -0.13	22.19 0.59 0.00	22.61 0.63 0.00	21.82 0.60 0.00	22.31 0.71 -2.00	23.96 0.67 -2.92	28.74 0.83 -3.31	29.22 0.82 -3.47	28.25 0.74 -3.27	24.66 0.53 -3.35	21.50 0.43 -1.92
EUCLID__115KV_TB2 356179	19.70 -0.20 0.00	17.47 -0.22 0.00	16.85 -0.21 0.00	17.03 -0.24 0.00	17.91 -0.26 0.00	21.09 -0.26 0.01	21.88 -0.16 0.00	27.94 -0.16 0.00	20.50 -0.10 0.00	20.68 -0.21 0.00	23.04 -0.22 -0.01	22.88 -0.19 0.00	23.73 -0.17 0.00	22.73 -0.17 0.00	21.45 -0.15 0.00	21.83 -0.16 0.00	21.06 -0.15 0.00	19.60 -0.06 -0.06	20.35 -0.11 -0.09	24.57 -0.14 -0.10	24.93 -0.14 -0.15	24.14 -0.19 -0.10	20.66 -0.22 -0.09	18.99 -0.20 -0.03
E_CANADA_CAP_HY 24051	21.06 1.15 0.00	18.64 0.95 0.00	17.98 0.92 0.00	18.16 0.89 0.00	19.20 1.02 0.00	22.60 1.24 0.00	23.37 1.32 0.00	30.02 1.92 0.00	22.00 1.40 0.00	22.22 1.34 0.00	24.68 1.43 0.00	24.31 1.24 0.00	25.26 1.36 0.00	24.29 1.39 0.00	22.99 1.39 0.00	23.29 1.31 0.00	22.53 1.33 0.00	20.89 1.30 0.00	21.65 1.28 0.00	26.24 1.63 0.00	27.33 1.66 -0.74	25.85 1.61 0.00	22.15 1.37 0.00	20.36 1.20 0.00
E_CANADA_MHWK_HY 24050	19.89 -0.02 0.00	17.72 0.03 0.00	17.15 0.08 0.00	17.37 0.10 0.00	18.16 -0.01 0.00	21.37 0.02 0.00	22.49 0.45 0.00	28.47 0.37 0.00	20.79 0.19 0.00	20.80 -0.09 0.00	22.88 -0.37 0.00	22.66 -0.41 0.00	23.38 -0.52 0.00	22.33 -0.57 0.00	20.99 -0.61 0.00	21.54 -0.44 0.00	21.05 -0.16 0.00	19.73 0.13 0.00	20.63 0.26 0.00	24.92 0.31 0.00	25.28 0.35 -0.01	24.48 0.25 0.00	20.68 -0.10 0.00	18.89 -0.26 0.00
E_FISHKILL__LBMP 23776	21.16 1.25 0.00	18.82 1.13 0.00	18.19 1.13 0.00	18.44 1.15 -0.02	19.28 1.10 -0.01	22.69 1.31 -0.02	24.02 1.71 -0.27	30.49 2.22 -0.17	22.47 1.78 -0.08	22.49 1.58 -0.02	25.05 1.70 -0.10	24.76 1.69 0.00	25.60 1.69 0.00	24.57 1.66 -0.01	23.13 1.53 0.00	23.67 1.68 0.00	22.93 1.72 0.00	21.54 1.75 -0.19	22.43 1.78 -0.28	26.94 2.01 -0.32	27.84 2.09 -0.82	26.51 1.96 -0.31	22.65 1.56 -0.32	20.70 1.36 -0.18
FALCON__SEABRD_CC1 323796	20.00 0.09 0.00	17.75 0.06 0.00	17.11 0.04 0.00	17.43 0.17 0.00	18.41 0.23 0.00	21.69 0.33 0.00	22.34 0.30 0.00	28.43 0.34 0.00	20.94 0.34 0.00	21.52 0.63 0.00	23.88 0.63 0.00	23.48 0.42 0.00	23.97 0.07 0.00	22.97 0.07 0.00	21.56 -0.04 0.00	22.02 0.04 0.00	21.15 -0.06 0.00	19.64 0.04 0.00	20.55 0.18 0.00	25.02 0.40 0.00	25.38 0.46 0.00	24.41 0.17 0.00	20.86 0.08 0.00	19.28 0.12 0.00
FALCON__SEABRD_CC2 323797	20.00 0.09 0.00	17.75 0.06 0.00	17.11 0.04 0.00	17.43 0.17 0.00	18.41 0.23 0.00	21.69 0.33 0.00	22.34 0.30 0.00	28.43 0.34 0.00	20.94 0.34 0.00	21.52 0.63 0.00	23.88 0.63 0.00	23.48 0.42 0.00	23.97 0.07 0.00	22.97 0.07 0.00	21.56 -0.04 0.00	22.02 0.04 0.00	21.15 -0.06 0.00	19.64 0.04 0.00	20.55 0.18 0.00	25.02 0.40 0.00	25.38 0.46 0.00	24.41 0.17 0.00	20.86 0.08 0.00	19.28 0.12 0.00
FAR ROCKAWAY__4 23548	48.15 2.11 -26.13	19.51 1.82 0.00	18.86 1.79 0.00	19.09 1.80 -0.02	19.93 1.75 -0.01	23.46 2.08 -0.02	25.00 2.60 -0.36	31.69 3.42 -0.17	23.28 2.59 -0.08	23.31 2.40 -0.02	26.41 2.74 -0.42	28.16 2.75 -2.34	33.49 2.82 -6.77	46.64 2.73 -21.01	36.21 2.54 -12.07	60.14 2.71 -35.45	35.96 2.68 -12.07	88.73 2.65 -66.48	34.35 2.68 -11.30	61.49 3.08 -33.80	38.49 3.14 -10.43	27.51 2.95 -0.32	23.49 2.39 -0.33	21.40 2.05 -0.19
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.48 1.58 0.00	19.07 1.38 0.00	18.44 1.38 0.00	18.67 1.38 -0.02	19.52 1.34 -0.01	22.97 1.59 -0.02	24.35 2.03 -0.27	30.94 2.67 -0.17	22.89 2.20 -0.08	22.97 2.07 -0.02	25.57 2.22 -0.10	25.27 2.20 0.00	26.13 2.22 0.00	25.09 2.18 -0.01	23.62 2.02 0.00	24.17 2.19 0.00	23.38 2.17 0.00	21.96 2.17 -0.19	22.83 2.17 -0.28	27.36 2.43 -0.32	28.24 2.50 -0.82	26.93 2.38 -0.32	23.03 1.92 -0.33	21.01 1.67 -0.19
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.50 1.59 0.00	19.09 1.40 0.00	18.45 1.39 0.00	18.68 1.40 -0.02	19.53 1.36 -0.01	22.98 1.60 -0.02	24.36 2.05 -0.27	30.97 2.70 -0.17	22.90 2.21 -0.08	22.98 2.08 -0.02	25.58 2.23 -0.10	25.28 2.22 0.00	26.14 2.24 0.00	25.09 2.18 -0.01	23.64 2.04 0.00	24.19 2.20 0.00	23.40 2.19 0.00	21.97 2.18 -0.19	22.84 2.18 -0.28	27.38 2.45 -0.32	28.26 2.52 -0.82	26.95 2.40 -0.32	23.05 1.94 -0.33	21.03 1.68 -0.19
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.47 1.57 0.00	19.06 1.37 0.00	18.43 1.37 0.00	18.66 1.37 -0.02	19.51 1.33 -0.01	22.95 1.57 -0.02	24.33 2.02 -0.27	30.92 2.65 -0.17	22.87 2.18 -0.08	22.95 2.05 -0.02	25.55 2.20 -0.10	25.24 2.18 0.00	26.10 2.19 0.00	25.06 2.16 -0.01	23.60 2.00 0.00	24.15 2.17 0.00	23.37 2.16 0.00	21.94 2.15 -0.19	22.81 2.15 -0.28	27.34 2.41 -0.32	28.22 2.47 -0.82	26.96 2.41 -0.32	23.06 1.95 -0.33	21.00 1.65 -0.19

FARRAGUT___LBMP 323566	21.47 1.56 0.00	19.06 1.37 0.00	18.43 1.36 0.00	18.66 1.37 -0.02	19.51 1.33 -0.01	22.95 1.57 -0.02	24.33 2.01 -0.27	30.92 2.64 -0.17	22.87 2.18 -0.08	22.94 2.04 -0.02	25.54 2.20 -0.10	25.24 2.17 0.00	26.10 2.19 0.00	25.05 2.15 -0.01	23.59 1.99 0.00	24.15 2.16 0.00	23.36 2.15 0.00	21.93 2.14 -0.19	22.80 2.14 -0.28	27.33 2.40 -0.32	28.21 2.47 -0.82	26.90 2.35 -0.32	23.01 1.90 -0.33	20.99 1.65 -0.19
FENNER___WINDPWR 24204	20.22 0.31 0.00	17.90 0.21 0.00	17.26 0.20 0.00	17.46 0.19 0.00	18.39 0.22 0.00	21.68 0.33 0.00	22.54 0.50 0.00	28.76 0.66 0.00	21.05 0.45 0.00	21.20 0.31 0.00	23.54 0.29 0.00	23.33 0.26 0.00	24.23 0.32 0.00	23.16 0.26 0.00	21.85 0.25 0.00	22.29 0.31 0.00	21.54 0.33 0.00	20.01 0.41 0.00	20.78 0.41 0.00	25.14 0.52 0.00	25.51 0.52 -0.07	24.66 0.42 0.00	21.06 0.28 0.00	19.37 0.22 0.00
FIBERTEK___ENERGY 23856	19.89 -0.02 0.00	17.64 -0.05 0.00	17.01 -0.05 0.00	17.21 -0.08 -0.02	18.09 -0.10 -0.01	21.32 -0.06 -0.02	22.43 0.08 -0.31	28.46 0.17 -0.19	20.83 0.13 -0.09	20.92 0.01 -0.02	23.39 0.02 -0.12	23.08 0.01 0.00	23.96 0.06 -0.01	22.97 0.05 -0.02	21.66 0.06 0.00	22.05 0.07 0.00	21.27 0.06 0.00	20.03 0.15 -0.29	20.87 0.08 -0.42	25.20 0.10 -0.48	25.57 0.10 -0.54	24.76 0.05 -0.47	21.24 -0.03 -0.48	19.39 -0.04 -0.27
FITZPATRICK____ 23598	19.46 -0.45 0.00	17.26 -0.43 0.00	16.65 -0.41 0.00	16.82 -0.44 0.00	17.70 -0.47 0.00	20.83 -0.53 0.00	21.59 -0.46 0.00	27.54 -0.56 0.00	20.21 -0.39 0.00	20.42 -0.47 0.00	22.72 -0.53 0.00	22.55 -0.51 0.00	23.39 -0.51 0.00	22.40 -0.49 0.00	21.14 -0.46 0.00	21.51 -0.48 0.00	20.75 -0.46 0.00	19.24 -0.35 0.00	19.97 -0.40 0.00	24.10 -0.51 0.00	24.45 -0.51 -0.03	23.70 -0.53 0.00	20.29 -0.49 0.00	18.72 -0.43 0.00
FLOWRFLD_69_KV_BK1 356044	48.19 2.15 -26.13	19.55 1.86 0.00	18.90 1.84 0.00	19.12 1.83 -0.02	19.96 1.78 -0.01	23.46 2.08 -0.02	25.02 2.62 -0.36	31.83 3.56 -0.17	23.32 2.63 -0.08	23.24 2.34 -0.02	26.22 2.55 -0.42	27.92 2.52 -2.34	33.10 2.42 -6.77	46.42 2.51 -21.01	36.05 2.38 -12.07	60.01 2.58 -35.45	35.89 2.60 -12.07	88.67 2.59 -66.48	34.34 2.67 -11.30	61.41 2.99 -33.80	38.43 3.07 -10.43	27.46 2.91 -0.32	23.52 2.41 -0.33	21.38 2.04 -0.19
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.41 1.51 0.00	19.03 1.34 0.00	18.39 1.33 0.00	18.63 1.35 -0.02	19.50 1.32 -0.01	22.97 1.59 -0.02	24.36 2.04 -0.27	30.93 2.66 -0.17	22.79 2.10 -0.08	22.80 1.89 -0.02	25.38 2.03 -0.10	25.07 2.01 0.00	25.95 2.04 0.00	24.92 2.02 -0.01	23.47 1.87 0.00	24.01 2.03 0.00	23.25 2.04 0.00	21.84 2.05 -0.19	22.74 2.09 -0.28	27.31 2.38 -0.32	28.21 2.46 -0.82	26.86 2.31 -0.32	22.93 1.83 -0.32	20.94 1.60 -0.18
FORT ORANGE____ 23900	20.63 0.73 0.00	18.42 0.73 0.00	17.80 0.74 0.00	18.03 0.76 0.00	18.88 0.71 0.00	22.25 0.90 0.00	23.19 1.14 0.00	29.49 1.39 0.00	21.60 1.00 0.00	21.64 0.74 0.00	24.00 0.75 0.00	23.83 0.77 0.00	24.61 0.71 0.00	23.56 0.66 0.00	22.18 0.58 0.00	22.75 0.77 0.00	22.11 0.90 0.00	20.49 0.89 0.00	21.35 0.98 0.00	25.74 1.12 0.00	26.73 1.21 -0.60	25.32 1.09 0.00	21.53 0.74 0.00	19.79 0.63 0.00
FORT_DRUM_COGEN 23780	19.79 -0.11 0.00	17.17 -0.53 0.00	16.47 -0.59 0.00	16.57 -0.70 0.00	17.64 -0.53 0.00	20.83 -0.53 0.00	21.60 -0.45 0.00	27.72 -0.37 0.00	20.10 -0.50 0.00	20.03 -0.86 0.00	21.94 -1.32 -0.01	21.71 -1.36 0.00	22.56 -1.34 0.00	21.75 -1.15 0.00	20.38 -1.22 0.00	20.70 -1.29 0.00	20.15 -1.06 0.00	18.91 -0.73 -0.04	19.94 -0.49 -0.06	24.34 -0.34 -0.07	24.81 -0.21 -0.10	24.05 -0.26 -0.07	20.65 -0.20 -0.07	18.91 -0.28 -0.03
FPL_FAR_ROCK_GT1 24212	48.15 2.11 -26.13	19.51 1.83 0.00	18.86 1.79 0.00	19.07 1.80 0.00	19.93 1.75 0.00	23.44 2.08 0.00	24.70 2.57 -0.08	31.52 3.42 0.00	23.19 2.59 0.00	23.29 2.40 0.00	26.30 2.74 -0.32	28.15 2.75 -2.34	33.48 2.81 -6.77	46.63 2.73 -21.00	36.19 2.52 -12.07	60.14 2.71 -35.45	35.96 2.68 -12.07	88.52 2.64 -66.28	34.04 2.65 -11.02	61.16 3.07 -33.48	38.17 3.14 -10.10	27.19 2.95 0.00	23.15 2.37 0.00	21.19 2.04 0.00
FPL_FAR_ROCK_GT2 23815	48.15 2.11 -26.13	19.51 1.83 0.00	18.86 1.79 0.00	19.07 1.80 0.00	19.93 1.75 0.00	23.44 2.08 0.00	24.70 2.57 -0.08	31.52 3.42 0.00	23.19 2.59 0.00	23.29 2.40 0.00	26.30 2.74 -0.32	28.15 2.75 -2.34	33.48 2.81 -6.77	46.63 2.73 -21.00	36.19 2.52 -12.07	60.14 2.71 -35.45	35.96 2.68 -12.07	88.52 2.64 -66.28	34.04 2.65 -11.02	61.16 3.07 -33.48	38.17 3.14 -10.10	27.19 2.95 0.00	23.15 2.37 0.00	21.19 2.04 0.00
FRANKLIN_FALL_HYD 24054	19.79 -0.12 0.00	17.55 -0.14 0.00	16.91 -0.15 0.00	17.23 -0.04 0.00	18.24 0.06 0.00	21.44 0.08 0.00	22.00 -0.04 0.00	28.08 -0.02 0.00	20.58 -0.02 0.00	21.17 0.28 0.00	23.50 0.25 0.00	23.18 0.12 0.00	23.79 -0.12 0.00	22.74 -0.15 0.00	21.40 -0.20 0.00	21.78 -0.20 0.00	20.91 -0.31 0.00	19.32 -0.27 0.00	20.21 -0.16 0.00	24.57 -0.04 0.00	24.92 0.00 0.00	24.09 -0.15 0.00	20.66 -0.12 0.00	19.09 -0.07 0.00
FREEPORT_EQUS_GT1 23764	48.02 1.98 -26.13	19.41 1.71 0.00	18.75 1.68 0.00	18.96 1.69 0.00	19.81 1.63 0.00	23.31 1.96 0.00	24.58 2.45 -0.08	31.41 3.31 0.00	23.08 2.48 0.00	23.18 2.29 0.00	26.17 2.60 -0.32	28.02 2.61 -2.34	33.28 2.61 -6.77	46.49 2.59 -21.00	36.06 2.38 -12.07	60.00 2.57 -35.45	35.82 2.54 -12.07	88.38 2.50 -66.28	33.89 2.51 -11.02	60.95 2.85 -33.48	37.94 2.91 -10.10	27.04 2.81 0.00	23.06 2.28 0.00	21.09 1.94 0.00
FREEPORT___CT2 23818	48.02 1.98 -26.13	19.41 1.71 0.00	18.75 1.68 0.00	18.96 1.69 0.00	19.81 1.63 0.00	23.31 1.96 0.00	24.58 2.45 -0.08	31.41 3.31 0.00	23.08 2.48 0.00	23.18 2.29 0.00	26.17 2.60 -0.32	28.02 2.61 -2.34	33.28 2.61 -6.77	46.49 2.59 -21.00	36.06 2.38 -12.07	60.00 2.57 -35.45	35.82 2.54 -12.07	88.38 2.50 -66.28	33.89 2.51 -11.02	60.95 2.85 -33.48	37.94 2.91 -10.10	27.04 2.81 0.00	23.06 2.28 0.00	21.09 1.94 0.00
FRESHKLS_33_KV_LOAD 356253	21.50 1.60 0.00	19.10 1.41 0.00	18.48 1.41 0.00	18.70 1.42 -0.02	19.57 1.39 -0.01	23.00 1.62 -0.02	24.41 2.10 -0.27	30.94 2.67 -0.17	22.88 2.19 -0.08	22.96 2.06 -0.02	25.53 2.18 -0.10	25.22 2.15 0.00	26.07 2.17 0.00	25.04 2.13 -0.01	23.59 1.99 0.00	24.15 2.17 0.00	23.35 2.15 0.00	21.95 2.16 -0.20	22.79 2.13 -0.28	27.37 2.43 -0.32	28.24 2.50 -0.82	26.96 2.41 -0.32	23.04 1.93 -0.33	21.13 1.65 -0.33
FULTON COGEN____ 23766	19.63 -0.28 0.00	17.39 -0.30 0.00	16.77 -0.29 0.00	16.94 -0.33 0.00	17.83 -0.34 0.00	20.99 -0.36 0.01	21.78 -0.24 0.02	27.79 -0.28 0.03	20.37 -0.22 0.01	20.56 -0.33 0.00	22.88 -0.37 0.00	22.72 -0.34 0.00	23.56 -0.34 0.00	22.59 -0.31 0.00	21.29 -0.31 0.00	21.67 -0.31 0.00	20.92 -0.29 0.00	19.45 -0.18 -0.04	20.19 -0.24 -0.06	24.39 -0.28 -0.06	24.75 -0.28 -0.11	23.99 -0.31 -0.06	20.54 -0.31 -0.06	18.88 -0.28 -0.01

FULTON___LFGE 323630	21.78 1.87 0.00	19.29 1.60 0.00	18.61 1.54 0.00	18.80 1.54 0.00	19.84 1.66 0.00	23.42 2.06 0.00	24.35 2.31 0.00	30.94 2.84 0.00	22.33 1.73 0.00	22.37 1.48 0.00	24.68 1.43 0.00	24.25 1.18 0.00	25.19 1.28 0.00	24.13 1.23 0.00	22.82 1.22 0.00	23.40 1.41 0.00	22.95 1.74 0.00	21.41 1.81 0.00	22.29 1.92 0.00	27.01 2.40 0.00	28.07 2.45 -0.70	26.55 2.32 0.00	22.65 1.87 0.00	20.84 1.68 0.00
G.F.CEMENT___DRP 24184	21.19 1.28 0.00	18.86 1.16 0.00	18.20 1.14 0.00	18.44 1.16 -0.02	19.35 1.17 0.00	22.88 1.51 -0.02	24.12 1.87 -0.20	30.57 2.35 -0.13	22.27 1.60 -0.06	22.25 1.35 -0.01	24.64 1.32 -0.08	24.37 1.31 0.00	25.19 1.28 0.00	24.15 1.25 -0.01	22.67 1.07 0.00	23.23 1.25 0.00	22.64 1.43 0.00	21.28 1.53 -0.15	22.23 1.64 -0.21	26.76 1.91 -0.24	27.82 2.03 -0.87	26.36 1.89 -0.24	22.39 1.37 -0.24	20.51 1.22 -0.14
GARDENVILLE___LBMP 24039	20.04 0.13 0.00	17.65 -0.05 0.00	16.99 -0.07 0.00	15.85 -0.22 1.19	17.56 -0.24 0.37	19.82 -0.26 1.28	6.82 -0.12 15.11	18.47 0.19 9.81	15.96 0.24 4.89	20.02 0.01 0.88	17.82 0.02 5.45	23.06 -0.01 0.00	23.71 0.09 0.28	22.31 0.01 0.59	21.60 0.00 0.00	21.80 -0.19 0.00	20.81 -0.40 0.00	11.14 -0.08 8.38	7.88 -0.27 12.22	10.49 -0.31 13.81	10.68 -0.34 13.90	10.12 -0.44 13.68	6.12 -0.63 14.03	10.50 -0.53 8.13
GARDNVLA_35_KV_LD 355827	20.12 0.22 0.00	17.72 0.03 0.00	17.06 0.00 0.00	16.11 -0.17 0.99	17.65 -0.18 0.35	20.11 -0.19 1.06	9.51 -0.06 12.48	19.74 0.25 8.61	16.60 0.30 4.31	20.25 0.08 0.73	18.84 0.09 4.50	23.16 0.10 0.00	23.87 0.20 0.23	22.49 0.11 0.51	21.69 0.09 0.00	21.90 -0.09 0.00	20.90 -0.31 0.00	12.82 -0.01 6.77	10.31 -0.22 9.86	13.24 -0.22 11.15	13.47 -0.25 11.21	12.83 -0.36 11.05	8.85 -0.56 11.37	11.89 -0.47 6.80
GELCKHM___115KV_LOAD 80723	19.77 -0.13 0.00	17.53 -0.16 0.00	16.91 -0.15 0.00	17.09 -0.18 -0.01	17.97 -0.20 0.00	21.17 -0.19 -0.01	22.09 -0.07 -0.11	28.13 -0.04 -0.07	20.62 -0.02 -0.03	20.77 -0.12 -0.01	23.18 -0.12 -0.05	22.95 -0.11 0.00	23.82 -0.09 0.00	22.82 -0.08 -0.01	21.53 -0.07 0.00	21.91 -0.07 0.00	21.15 -0.06 0.00	19.76 0.02 -0.14	20.54 -0.03 -0.21	24.80 -0.05 -0.24	25.17 -0.05 -0.29	24.37 -0.10 -0.24	20.87 -0.15 -0.24	19.14 -0.14 -0.13
GENERAL___MILLS 23808	20.10 0.20 0.00	17.70 0.01 0.00	17.04 -0.02 0.00	16.05 -0.18 1.04	17.65 -0.19 0.34	20.04 -0.20 1.11	8.79 -0.06 13.19	20.01 0.24 8.32	16.73 0.29 4.15	20.18 0.06 0.77	18.56 0.07 4.76	23.12 0.06 0.00	23.82 0.17 0.25	22.46 0.07 0.52	21.66 0.05 0.00	21.86 -0.12 0.00	20.87 -0.33 0.00	12.36 -0.03 7.20	9.65 -0.22 10.50	12.49 -0.24 11.87	12.71 -0.27 11.94	12.10 -0.37 11.76	8.12 -0.58 12.08	11.57 -0.48 7.10
GE_PLASTICS___DRP 24183	20.55 0.65 0.00	18.32 0.64 0.00	17.71 0.64 0.00	17.94 0.66 -0.02	18.80 0.62 -0.01	22.14 0.77 -0.02	23.25 1.00 -0.21	29.47 1.24 -0.13	21.60 0.93 -0.07	21.62 0.72 -0.01	24.07 0.75 -0.08	23.83 0.77 0.00	24.64 0.73 0.00	23.59 0.69 -0.01	22.22 0.62 0.00	22.74 0.76 0.00	22.04 0.84 0.00	20.60 0.85 -0.15	21.50 0.90 -0.22	25.88 1.02 -0.25	26.84 1.07 -0.85	25.47 0.99 -0.25	21.77 0.73 -0.25	19.94 0.63 -0.14
GILBOA___1 23756	20.62 0.71 0.00	18.33 0.65 0.00	17.71 0.65 0.00	17.92 0.65 0.00	18.80 0.63 0.00	22.12 0.77 0.00	23.05 1.00 0.00	29.40 1.30 0.00	21.61 1.01 0.00	21.76 0.87 0.00	24.16 0.91 0.00	23.97 0.90 0.00	24.81 0.91 0.00	23.78 0.88 0.00	22.40 0.80 0.00	22.89 0.90 0.00	22.15 0.94 0.00	20.56 0.96 0.00	21.34 0.97 0.00	25.72 1.11 0.00	26.55 1.15 -0.48	25.32 1.08 0.00	21.64 0.86 0.00	19.91 0.75 0.00
GILBOA___2 23757	20.62 0.71 0.00	18.33 0.65 0.00	17.71 0.65 0.00	17.92 0.65 0.00	18.80 0.63 0.00	22.12 0.77 0.00	23.05 1.00 0.00	29.40 1.30 0.00	21.61 1.01 0.00	21.76 0.87 0.00	24.16 0.91 0.00	23.97 0.90 0.00	24.81 0.91 0.00	23.78 0.88 0.00	22.40 0.80 0.00	22.89 0.90 0.00	22.15 0.94 0.00	20.56 0.96 0.00	21.34 0.97 0.00	25.72 1.11 0.00	26.55 1.15 -0.48	25.32 1.08 0.00	21.64 0.86 0.00	19.91 0.75 0.00
GILBOA___3 23758	20.62 0.71 0.00	18.33 0.65 0.00	17.71 0.65 0.00	17.92 0.65 0.00	18.80 0.63 0.00	22.12 0.77 0.00	23.05 1.00 0.00	29.40 1.30 0.00	21.61 1.01 0.00	21.76 0.87 0.00	24.16 0.91 0.00	23.97 0.90 0.00	24.81 0.91 0.00	23.78 0.88 0.00	22.40 0.80 0.00	22.89 0.90 0.00	22.15 0.94 0.00	20.56 0.96 0.00	21.34 0.97 0.00	25.72 1.11 0.00	26.55 1.15 -0.48	25.32 1.08 0.00	21.64 0.86 0.00	19.91 0.75 0.00
GILBOA___4 23759	20.62 0.71 0.00	18.33 0.65 0.00	17.71 0.65 0.00	17.92 0.65 0.00	18.80 0.63 0.00	22.12 0.77 0.00	23.05 1.00 0.00	29.40 1.30 0.00	21.61 1.01 0.00	21.76 0.87 0.00	24.16 0.91 0.00	23.97 0.90 0.00	24.81 0.91 0.00	23.78 0.88 0.00	22.40 0.80 0.00	22.89 0.90 0.00	22.15 0.94 0.00	20.56 0.96 0.00	21.34 0.97 0.00	25.72 1.11 0.00	26.55 1.15 -0.48	25.32 1.08 0.00	21.64 0.86 0.00	19.91 0.75 0.00
GILBOA___ 23599	20.62 0.72 0.00	18.34 0.65 0.00	17.71 0.65 0.00	17.94 0.65 -0.02	18.81 0.63 -0.01	22.15 0.77 -0.02	23.33 1.01 -0.28	29.58 1.31 -0.18	21.71 1.02 -0.09	21.77 0.87 -0.02	24.27 0.91 -0.10	23.97 0.90 0.00	24.82 0.91 -0.01	23.79 0.88 -0.01	22.41 0.81 0.00	22.89 0.90 0.00	22.14 0.94 0.00	20.76 0.97 -0.20	21.65 0.98 -0.30	26.05 1.11 -0.33	26.89 1.15 -0.81	25.65 1.08 -0.33	21.99 0.87 -0.34	20.11 0.76 -0.20
GINNA___ 23603	20.16 0.25 0.00	17.79 0.10 0.00	17.15 0.08 0.00	17.08 -0.04 0.15	18.08 -0.04 0.06	21.10 0.01 0.27	20.27 0.17 1.94	26.25 0.39 2.24	19.84 0.38 1.14	20.98 0.20 0.11	22.76 0.18 0.68	23.28 0.22 0.00	24.22 0.35 0.03	23.10 0.29 0.09	21.92 0.32 0.00	22.14 0.15 0.00	21.23 0.02 0.00	19.76 0.16 0.00	20.45 0.08 0.00	24.65 0.03 0.00	25.02 0.04 -0.06	24.18 -0.06 0.00	20.56 -0.22 0.00	18.98 -0.17 0.00
GLEN PARK___ 23778	19.80 -0.10 0.00	17.18 -0.51 0.00	16.48 -0.58 0.00	16.58 -0.69 0.00	17.66 -0.52 0.00	20.85 -0.50 0.00	21.65 -0.40 0.00	27.76 -0.34 0.00	20.09 -0.51 0.00	19.97 -0.92 0.00	21.87 -1.38 0.00	21.65 -1.42 0.00	22.49 -1.41 0.00	21.68 -1.22 0.00	20.32 -1.28 0.00	20.64 -1.34 0.00	20.12 -1.09 0.00	18.88 -0.72 0.00	19.92 -0.45 0.00	24.33 -0.28 0.00	24.81 -0.14 -0.03	24.04 -0.19 0.00	20.61 -0.17 0.00	18.90 -0.26 0.00
GLENDALE_27_KV_LOAD 356172	21.60 1.69 0.00	19.16 1.48 0.00	18.53 1.47 0.00	18.76 1.47 -0.02	19.62 1.44 -0.01	23.07 1.69 -0.02	24.49 2.17 -0.27	31.14 2.87 -0.17	23.04 2.35 -0.08	23.11 2.21 -0.02	25.71 2.36 -0.10	25.42 2.36 0.00	26.29 2.38 0.00	25.24 2.33 -0.01	23.78 2.18 0.00	24.32 2.34 0.00	23.53 2.32 0.00	22.11 2.31 -0.20	22.97 2.32 -0.28	27.52 2.59 -0.32	28.40 2.66 -0.82	27.08 2.53 -0.32	23.16 2.05 -0.33	21.27 1.79 -0.33

GLENWOOD_IC_1_G5 23712	47.83 1.79 -26.13	19.26 1.57 0.00	18.61 1.55 0.00	18.85 1.56 -0.02	19.70 1.52 -0.01	23.19 1.81 -0.02	24.69 2.29 -0.36	31.30 3.03 -0.17	23.05 2.37 -0.08	23.09 2.19 -0.02	26.12 2.45 -0.42	27.85 2.45 -2.34	33.14 2.46 -6.77	46.32 2.42 -21.01	35.92 2.25 -12.07	59.85 2.42 -35.45	35.68 2.40 -12.07	88.45 2.38 -66.48	34.07 2.40 -11.30	61.14 2.72 -33.80	38.16 2.80 -10.43	27.20 2.64 -0.32	23.22 2.11 -0.33	21.17 1.83 -0.19
GLENWOOD_IC_2_G1 23688	47.72 1.68 -26.13	19.16 1.47 0.00	18.52 1.46 0.00	18.73 1.47 0.00	19.60 1.42 0.00	23.06 1.70 0.00	24.27 2.13 -0.08	30.96 2.86 0.00	22.84 2.24 0.00	22.96 2.07 0.00	25.87 2.30 -0.32	27.70 2.29 -2.34	32.97 2.29 -6.77	46.15 2.26 -21.00	35.75 2.08 -12.07	59.69 2.27 -35.45	35.54 2.26 -12.07	88.12 2.24 -66.28	33.63 2.24 -11.02	60.65 2.56 -33.48	37.67 2.64 -10.10	26.73 2.49 0.00	22.76 1.98 0.00	20.86 1.71 0.00
GLENWOOD_IC_3_G1 23689	47.72 1.68 -26.13	19.16 1.47 0.00	18.52 1.46 0.00	18.73 1.47 0.00	19.60 1.42 0.00	23.06 1.70 0.00	24.27 2.13 -0.08	30.96 2.86 0.00	22.84 2.24 0.00	22.96 2.07 0.00	25.87 2.30 -0.32	27.70 2.29 -2.34	32.97 2.29 -6.77	46.15 2.26 -21.00	35.75 2.08 -12.07	59.69 2.27 -35.45	35.54 2.26 -12.07	88.12 2.24 -66.28	33.63 2.24 -11.02	60.65 2.56 -33.48	37.67 2.64 -10.10	26.73 2.49 0.00	22.76 1.98 0.00	20.86 1.71 0.00
GLENWOOD___4 23550	47.83 1.79 -26.13	19.26 1.57 0.00	18.61 1.55 0.00	18.85 1.56 -0.02	19.70 1.52 -0.01	23.19 1.81 -0.02	24.69 2.29 -0.36	31.30 3.03 -0.17	23.05 2.37 -0.08	23.09 2.19 -0.02	26.12 2.45 -0.42	27.85 2.45 -2.34	33.14 2.46 -6.77	46.33 2.42 -21.01	35.92 2.25 -12.07	59.85 2.42 -35.45	35.68 2.40 -12.07	88.45 2.38 -66.48	34.07 2.40 -11.30	61.14 2.72 -33.80	38.16 2.80 -10.43	27.20 2.64 -0.32	23.22 2.11 -0.33	21.17 1.83 -0.19
GLENWOOD___5 23614	47.83 1.79 -26.13	19.26 1.57 0.00	18.61 1.55 0.00	18.85 1.56 -0.02	19.70 1.52 -0.01	23.19 1.81 -0.02	24.69 2.29 -0.36	31.30 3.03 -0.17	23.05 2.37 -0.08	23.09 2.19 -0.02	26.12 2.45 -0.42	27.85 2.45 -2.34	33.14 2.46 -6.77	46.33 2.42 -21.01	35.92 2.25 -12.07	59.85 2.42 -35.45	35.68 2.40 -12.07	88.45 2.38 -66.48	34.07 2.40 -11.30	61.14 2.72 -33.80	38.16 2.80 -10.43	27.20 2.64 -0.32	23.22 2.11 -0.33	21.17 1.83 -0.19
GLOBAL GREEN_PORT_GT1 23814	48.62 2.58 -26.13	19.94 2.25 0.00	19.26 2.20 0.00	19.50 2.23 0.00	20.38 2.21 0.00	23.99 2.64 0.00	25.33 3.20 -0.08	32.48 4.39 0.00	23.75 3.15 0.00	23.66 2.77 0.00	26.51 2.94 -0.32	28.27 2.86 -2.34	33.37 2.70 -6.77	46.74 2.84 -21.00	36.38 2.70 -12.07	60.40 2.97 -35.45	36.28 3.00 -12.07	88.86 2.98 -66.28	34.48 3.09 -11.02	61.62 3.53 -33.48	38.64 3.61 -10.10	27.67 3.43 0.00	23.56 2.78 0.00	21.48 2.32 0.00
GLOBE___DSASP 323697	19.44 -0.47 0.00	17.10 -0.59 0.00	16.47 -0.60 0.00	15.70 -0.75 0.81	17.09 -0.82 0.26	19.52 -0.97 0.87	10.89 -0.89 10.26	20.67 -0.83 6.60	16.87 -0.45 3.29	19.53 -0.76 0.60	18.73 -0.81 3.71	22.22 -0.84 0.00	22.98 -0.73 0.19	21.75 -0.74 0.40	20.85 -0.76 0.00	20.96 -1.02 0.00	19.99 -1.22 0.00	13.36 -0.71 5.52	11.41 -0.90 8.06	14.46 -1.06 9.10	14.71 -1.08 9.14	14.08 -1.14 9.01	10.24 -1.29 9.25	12.72 -1.07 5.36
GOETHSLN___LBMP 323567	21.38 1.48 0.00	18.98 1.29 0.00	18.36 1.29 0.00	18.58 1.29 -0.02	19.43 1.25 -0.01	22.85 1.47 -0.02	24.23 1.91 -0.27	30.77 2.50 -0.17	22.76 2.08 -0.08	22.87 1.96 -0.02	25.43 2.08 -0.10	25.11 2.04 0.00	25.98 2.07 0.00	24.92 2.02 -0.01	23.48 1.88 0.00	24.03 2.05 0.00	23.25 2.04 0.00	21.83 2.04 -0.19	22.69 2.04 -0.28	27.20 2.27 -0.32	28.09 2.35 -0.82	26.78 2.23 -0.32	22.90 1.79 -0.33	20.89 1.55 -0.19
GOLAH___69_KV_TB 1_2 80279	20.37 0.46 0.00	18.00 0.31 0.00	17.31 0.25 0.00	17.20 0.13 0.20	18.22 0.12 0.08	21.39 0.25 0.22	19.87 0.33 2.50	27.04 0.65 1.71	20.28 0.53 0.86	21.08 0.33 0.15	22.67 0.31 0.90	23.42 0.36 0.00	24.39 0.53 0.05	23.23 0.44 0.11	22.02 0.42 0.00	22.27 0.29 0.00	21.35 0.14 0.00	19.05 0.32 0.87	19.28 0.17 1.26	23.45 0.26 1.42	23.82 0.27 1.37	23.01 0.18 1.41	19.23 -0.10 1.45	18.22 -0.05 0.89
GOODYEAR_LAKE_HYD 323669	20.87 0.97 0.00	18.50 0.81 0.00	17.85 0.79 0.00	18.09 0.78 -0.04	19.00 0.81 -0.01	22.42 1.02 -0.05	23.90 1.29 -0.57	30.21 1.75 -0.37	22.12 1.33 -0.18	22.15 1.22 -0.03	24.78 1.32 -0.21	24.30 1.24 0.00	25.23 1.31 -0.01	24.20 1.28 -0.02	22.84 1.24 0.00	23.25 1.27 0.00	22.45 1.24 0.00	21.25 1.25 -0.40	22.19 1.23 -0.59	26.76 1.48 -0.66	27.24 1.49 -0.82	26.30 1.40 -0.66	22.59 1.13 -0.67	20.52 0.97 -0.39
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.43 0.52 0.00	18.13 0.44 0.00	17.49 0.43 0.00	17.75 0.40 -0.08	18.60 0.41 -0.02	21.98 0.53 -0.09	23.90 0.80 -1.06	29.90 1.09 -0.71	21.77 0.81 -0.36	21.61 0.66 -0.06	24.39 0.75 -0.39	23.75 0.69 0.00	24.67 0.75 -0.02	23.67 0.73 -0.04	22.28 0.68 0.00	22.67 0.69 0.00	21.80 0.59 0.00	21.09 0.72 -0.77	22.15 0.65 -1.12	26.65 0.77 -1.27	27.12 0.74 -1.45	26.15 0.65 -1.26	22.59 0.51 -1.29	20.29 0.38 -0.75
GOUDEY___7 23579	20.44 0.54 0.00	18.14 0.45 0.00	17.50 0.44 0.00	17.76 0.41 -0.08	18.62 0.43 -0.02	22.00 0.55 -0.09	23.92 0.82 -1.06	29.92 1.11 -0.71	21.79 0.83 -0.36	21.64 0.68 -0.06	24.41 0.77 -0.39	23.78 0.71 0.00	24.69 0.77 -0.02	23.69 0.75 -0.04	22.31 0.70 0.00	22.69 0.71 0.00	21.82 0.60 0.00	21.10 0.74 -0.77	22.16 0.67 -1.12	26.67 0.79 -1.27	27.14 0.76 -1.45	26.17 0.68 -1.26	22.60 0.53 -1.29	20.31 0.39 -0.75
GOUDEY___8 23580	20.43 0.52 0.00	18.13 0.44 0.00	17.49 0.43 0.00	17.75 0.40 -0.08	18.60 0.41 -0.02	21.98 0.53 -0.09	23.90 0.80 -1.06	29.90 1.09 -0.71	21.77 0.81 -0.36	21.61 0.66 -0.06	24.39 0.75 -0.39	23.75 0.69 0.00	24.67 0.75 -0.02	23.67 0.73 -0.04	22.28 0.68 0.00	22.67 0.69 0.00	21.80 0.59 0.00	21.09 0.72 -0.77	22.15 0.65 -1.12	26.65 0.77 -1.27	27.12 0.74 -1.45	26.15 0.65 -1.26	22.59 0.51 -1.29	20.29 0.38 -0.75
GOWANUS_GT1_1 24077	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT1_2 24078	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14

GOWANUS_GT1_3 24079	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT1_4 24080	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT1_5 24084	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT1_6 24111	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT1_7 24112	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT1_8 24113	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT2_1 24114	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT2_2 24115	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT2_3 24116	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT2_4 24117	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT2_5 24118	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT2_6 24119	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT2_7 24120	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT2_8 24121	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT3_1 24122	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14

GOWANUS_GT3_2 24123	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT3_3 24124	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT3_4 24125	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT3_5 24126	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT3_6 24127	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT3_7 24128	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT3_8 24129	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT4_1 24130	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT4_2 24131	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT4_3 24132	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT4_4 24133	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT4_5 24134	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT4_6 24135	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT4_7 24136	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
GOWANUS_GT4_8 24137	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14

GREENBSH_115KV_TB3 55895	20.55 0.65 0.00	18.35 0.66 0.00	17.74 0.67 0.00	17.98 0.70 -0.02	18.81 0.64 -0.01	22.18 0.80 -0.02	23.29 1.04 -0.21	29.49 1.26 -0.13	21.60 0.93 -0.07	21.59 0.68 -0.01	24.03 0.70 -0.08	23.79 0.73 0.00	24.58 0.67 0.00	23.52 0.61 -0.01	22.15 0.55 0.00	22.70 0.72 0.00	22.05 0.84 0.00	20.58 0.83 -0.15	21.49 0.90 -0.22	25.86 0.99 -0.25	26.85 1.07 -0.85	25.45 0.96 -0.25	21.68 0.65 -0.25	19.86 0.56 -0.14
GREENDGE_115KV_TB5 80291	20.35 0.45 0.00	18.00 0.31 0.00	17.36 0.29 0.00	18.76 0.25 -1.25	18.84 0.31 -0.36	23.13 0.43 -1.34	38.57 0.60 -15.92	39.32 0.94 -10.29	26.38 0.67 -5.10	22.36 0.55 -0.93	29.61 0.57 -5.79	23.56 0.50 0.00	24.79 0.59 -0.30	24.13 0.61 -0.63	22.21 0.61 0.00	22.53 0.55 0.00	21.58 0.37 0.00	29.86 0.46 -9.80	34.95 0.29 -14.29	41.19 0.39 -16.18	41.80 0.38 -16.50	40.53 0.25 -16.03	37.37 0.13 -16.46	28.80 0.04 -9.60
GREENIDGE___3 23582	20.35 0.45 0.00	18.00 0.31 0.00	17.36 0.29 0.00	18.76 0.25 -1.25	18.84 0.31 -0.36	23.13 0.43 -1.34	38.57 0.60 -15.92	39.32 0.94 -10.29	26.38 0.67 -5.10	22.36 0.55 -0.93	29.61 0.57 -5.79	23.56 0.50 0.00	24.79 0.59 -0.30	24.13 0.61 -0.63	22.21 0.61 0.00	22.53 0.55 0.00	21.58 0.37 0.00	29.86 0.46 -9.80	34.95 0.29 -14.29	41.19 0.39 -16.18	41.80 0.38 -16.50	40.53 0.25 -16.03	37.37 0.13 -16.46	28.80 0.04 -9.60
GREENIDGE___4 23583	20.36 0.45 0.00	18.00 0.31 0.00	17.36 0.30 0.00	18.77 0.24 -1.26	19.00 0.31 -0.52	23.99 0.42 -2.22	38.53 0.63 -15.86	47.65 0.93 -18.62	30.78 0.68 -9.49	22.37 0.55 -0.93	29.61 0.57 -5.78	23.56 0.50 0.00	24.81 0.60 -0.30	24.28 0.61 -0.77	22.24 0.64 0.00	22.53 0.55 0.00	21.58 0.37 0.00	29.87 0.47 -9.80	34.98 0.31 -14.29	41.19 0.39 -16.18	41.80 0.37 -16.50	40.52 0.25 -16.03	38.23 0.13 -17.32	32.97 0.07 -13.75
GREENLWN_69_KV_BK 3 55738	48.00 1.96 -26.13	19.39 1.70 0.00	18.75 1.69 0.00	18.98 1.69 -0.02	19.83 1.64 -0.01	23.32 1.94 -0.02	24.85 2.45 -0.36	31.57 3.30 -0.17	23.15 2.46 -0.08	23.12 2.21 -0.02	26.14 2.47 -0.42	27.88 2.48 -2.34	33.15 2.48 -6.77	46.36 2.45 -21.01	35.95 2.28 -12.07	59.88 2.45 -35.45	35.73 2.45 -12.07	88.51 2.44 -66.48	34.15 2.47 -11.30	61.20 2.79 -33.80	38.22 2.86 -10.43	27.24 2.69 -0.32	23.32 2.21 -0.33	21.23 1.89 -0.19
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.58 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.75 1.46 -0.02	19.60 1.43 -0.01	23.06 1.68 -0.02	24.48 2.16 -0.27	31.10 2.83 -0.17	23.00 2.31 -0.08	23.08 2.17 -0.02	25.67 2.32 -0.10	25.37 2.31 0.00	26.24 2.33 0.00	25.19 2.28 -0.01	23.74 2.14 0.00	24.29 2.31 0.00	23.49 2.28 0.00	22.07 2.27 -0.20	22.92 2.27 -0.28	27.49 2.56 -0.32	28.37 2.63 -0.82	27.06 2.51 -0.32	23.14 2.03 -0.33	21.25 1.76 -0.33
GRISSOM___SOLAR 323813	21.78 1.87 0.00	19.29 1.60 0.00	18.61 1.54 0.00	18.80 1.54 0.00	19.84 1.66 0.00	23.42 2.06 0.00	24.35 2.31 0.00	30.94 2.84 0.00	22.33 1.73 0.00	22.37 1.48 0.00	24.68 1.43 0.00	24.25 1.18 0.00	25.19 1.28 0.00	24.13 1.23 0.00	22.82 1.22 0.00	23.40 1.41 0.00	22.95 1.74 0.00	21.41 1.81 0.00	22.29 1.92 0.00	27.01 2.40 0.00	28.07 2.45 -0.70	26.55 2.32 0.00	22.65 1.87 0.00	20.84 1.68 0.00
GROVEVILLE___HYD 323602	21.41 1.51 0.00	19.03 1.34 0.00	18.39 1.33 0.00	18.63 1.35 -0.02	19.50 1.32 -0.01	22.97 1.59 -0.02	24.36 2.04 -0.27	30.93 2.66 -0.17	22.79 2.10 -0.08	22.80 1.89 -0.02	25.38 2.03 -0.10	25.07 2.01 0.00	25.95 2.04 0.00	24.92 2.02 -0.01	23.47 1.87 0.00	24.01 2.03 0.00	23.25 2.04 0.00	21.84 2.05 -0.19	22.74 2.09 -0.28	27.31 2.38 -0.32	28.21 2.46 -0.82	26.86 2.31 -0.32	22.93 1.83 -0.32	20.94 1.60 -0.18
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.89 -0.02 0.00	17.64 -0.05 0.00	17.01 -0.05 0.00	17.21 -0.08 -0.02	18.09 -0.10 -0.01	21.32 -0.06 -0.02	22.43 0.08 -0.31	28.46 0.17 -0.19	20.83 0.13 -0.09	20.92 0.01 -0.02	23.39 0.02 -0.12	23.08 0.01 0.00	23.96 0.06 -0.01	22.97 0.05 -0.02	21.66 0.06 0.00	22.05 0.07 0.00	21.27 0.06 0.00	20.03 0.15 -0.29	20.87 0.08 -0.42	25.20 0.10 -0.48	25.57 0.10 -0.54	24.76 0.05 -0.47	21.24 -0.03 -0.48	19.39 -0.04 -0.27
HAMLTNNY_34_KV_TB 80303	19.98 0.07 0.00	17.71 0.02 0.00	17.09 0.03 0.00	17.30 0.01 -0.03	18.17 -0.01 -0.01	21.43 0.04 -0.03	22.60 0.20 -0.36	28.69 0.37 -0.22	20.99 0.28 -0.11	21.07 0.16 -0.02	23.56 0.17 -0.14	23.22 0.16 0.00	24.11 0.20 -0.01	23.10 0.19 -0.02	21.79 0.19 0.00	22.18 0.20 0.00	21.39 0.18 0.00	20.22 0.27 -0.36	21.08 0.18 -0.53	25.45 0.24 -0.60	25.82 0.24 -0.66	25.01 0.18 -0.59	21.45 0.07 -0.60	19.55 0.06 -0.34
HAMPSHIRE___PAPER_HYD 323593	19.48 -0.42 0.00	17.06 -0.62 0.00	16.41 -0.65 0.00	16.59 -0.68 0.00	17.61 -0.57 0.00	20.72 -0.64 0.00	21.12 -0.92 0.00	26.98 -1.12 0.00	19.54 -1.06 0.00	19.98 -0.91 0.00	22.10 -1.15 0.00	21.97 -1.09 0.00	22.77 -1.13 0.00	21.84 -1.05 0.00	20.56 -1.04 0.00	20.89 -1.09 0.00	20.08 -1.13 0.00	18.57 -1.02 0.00	19.45 -0.92 0.00	23.64 -0.98 0.00	23.98 -0.95 -0.01	23.31 -0.92 0.00	20.15 -0.63 0.00	18.55 -0.61 0.00
HARDSCRABBLE_WT_PWR 323673	19.81 -0.09 0.00	17.66 -0.03 0.00	17.09 0.03 0.00	17.30 0.04 0.00	18.12 -0.06 0.00	21.27 -0.09 0.00	22.34 0.29 0.00	28.28 0.18 0.00	20.72 0.11 0.00	20.76 -0.13 0.00	22.85 -0.40 0.00	22.63 -0.44 0.00	23.33 -0.58 0.00	22.31 -0.59 0.00	20.99 -0.61 0.00	21.47 -0.51 0.00	20.99 -0.22 0.00	19.63 0.04 0.00	20.52 0.15 0.00	24.80 0.19 0.00	25.15 0.22 -0.01	24.37 0.14 0.00	20.59 -0.19 0.00	18.78 -0.37 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.30 1.40 0.00	18.93 1.24 0.00	18.29 1.23 0.00	18.52 1.24 -0.02	19.39 1.21 -0.01	22.85 1.46 -0.02	24.21 1.89 -0.28	30.73 2.46 -0.18	22.64 1.95 -0.09	22.66 1.76 -0.02	25.25 1.90 -0.10	24.95 1.88 0.00	25.86 1.95 -0.01	24.78 1.88 -0.01	23.33 1.73 0.00	23.87 1.89 0.00	23.10 1.89 0.00	21.71 1.92 -0.20	22.61 1.94 -0.29	27.14 2.20 -0.33	28.02 2.28 -0.82	26.71 2.14 -0.33	22.80 1.68 -0.34	20.81 1.46 -0.19
HARSNRAD_115KV_TB1 81005	19.75 -0.15 0.00	17.38 -0.31 0.00	16.74 -0.33 0.00	15.97 -0.48 0.82	17.40 -0.52 0.26	19.90 -0.60 0.86	11.24 -0.47 10.34	21.50 -0.27 6.32	17.35 -0.07 3.18	19.90 -0.39 0.60	19.14 -0.38 3.74	22.62 -0.45 0.00	23.38 -0.33 0.19	22.14 -0.36 0.40	21.21 -0.39 0.00	21.40 -0.58 0.00	20.46 -0.75 0.00	13.68 -0.35 5.56	11.72 -0.55 8.11	14.83 -0.62 9.16	15.08 -0.65 9.20	14.42 -0.73 9.07	10.58 -0.93 9.27	13.08 -0.77 5.31
HARZA MOOSE___RIVER 24016	20.10 0.20 0.00	17.57 -0.12 0.00	16.90 -0.16 0.00	17.06 -0.21 0.00	18.06 -0.11 0.00	21.31 -0.05 0.00	22.14 0.04 -0.05	28.30 0.15 -0.05	20.63 0.00 -0.03	20.72 -0.17 0.00	22.86 -0.42 -0.02	22.59 -0.48 0.00	23.50 -0.41 0.00	22.53 -0.37 0.00	21.15 -0.45 0.00	21.54 -0.44 0.00	20.88 -0.32 0.00	19.47 -0.18 -0.05	20.39 -0.06 -0.08	24.73 0.04 -0.09	25.12 0.09 -0.11	24.37 0.04 -0.09	20.92 0.05 -0.09	19.20 -0.02 -0.06

HDSNBRDG_115KV_BRDG_TB1 355580	19.81 -0.09 0.00	17.56 -0.13 0.00	16.94 -0.12 0.00	17.12 -0.15 -0.01	18.01 -0.16 0.00	21.22 -0.14 0.00	22.10 -0.02 -0.07	28.20 0.03 -0.07	20.67 0.04 -0.04	20.82 -0.08 0.00	23.21 -0.08 -0.04	23.02 -0.05 0.00	23.88 -0.02 0.00	22.88 -0.02 -0.01	21.59 -0.01 0.00	21.96 -0.01 0.00	21.19 -0.01 0.00	19.77 0.07 -0.10	20.54 0.01 -0.15	24.79 0.01 -0.17	25.16 0.01 -0.23	24.36 -0.05 -0.17	20.85 -0.10 -0.17	19.14 -0.10 -0.09
HELLGATE_13_KV_LD 55870	21.53 1.62 0.00	19.11 1.42 0.00	18.47 1.41 0.00	18.70 1.41 -0.02	19.56 1.38 -0.01	22.99 1.61 -0.02	24.40 2.08 -0.27	31.02 2.75 -0.17	22.93 2.25 -0.08	23.00 2.10 -0.02	25.58 2.23 -0.10	25.29 2.23 0.00	26.16 2.25 0.00	25.12 2.21 -0.01	23.67 2.07 0.00	24.21 2.22 0.00	23.42 2.21 0.00	22.00 2.21 -0.20	22.86 2.20 -0.28	27.38 2.44 -0.32	28.27 2.53 -0.82	26.95 2.40 -0.32	23.06 1.95 -0.33	21.18 1.70 -0.33
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.53 1.62 0.00	19.11 1.42 0.00	18.47 1.41 0.00	18.70 1.41 -0.02	19.56 1.38 -0.01	22.99 1.61 -0.02	24.40 2.08 -0.27	31.02 2.75 -0.17	22.93 2.25 -0.08	23.00 2.10 -0.02	25.58 2.23 -0.10	25.29 2.23 0.00	26.16 2.25 0.00	25.12 2.21 -0.01	23.67 2.07 0.00	24.21 2.22 0.00	23.42 2.21 0.00	22.00 2.21 -0.20	22.86 2.20 -0.28	27.38 2.44 -0.32	28.27 2.53 -0.82	26.95 2.40 -0.32	23.06 1.95 -0.33	21.18 1.70 -0.33
HEMPSTEAD____ 23647	47.88 1.84 -26.13	19.29 1.60 0.00	18.64 1.57 0.00	18.86 1.59 0.00	19.71 1.53 0.00	23.19 1.84 0.00	24.44 2.31 -0.08	31.23 3.13 0.00	22.98 2.38 0.00	23.08 2.20 0.00	26.04 2.47 -0.32	27.89 2.49 -2.34	33.14 2.47 -6.77	46.35 2.45 -21.00	35.94 2.26 -12.07	59.87 2.44 -35.45	35.69 2.41 -12.07	88.26 2.38 -66.28	33.77 2.39 -11.02	60.82 2.73 -33.48	37.83 2.80 -10.10	26.90 2.66 0.00	22.93 2.15 0.00	20.98 1.82 0.00
HEWLETT__69_KV_BK3 55828	48.07 2.03 -26.13	19.45 1.76 0.00	18.79 1.73 0.00	19.02 1.73 -0.02	19.87 1.68 -0.01	23.37 1.99 -0.02	24.90 2.50 -0.36	31.56 3.29 -0.17	23.19 2.50 -0.08	23.21 2.31 -0.02	26.30 2.63 -0.42	28.05 2.65 -2.34	33.38 2.70 -6.77	46.53 2.62 -21.01	36.11 2.44 -12.07	60.04 2.61 -35.45	35.87 2.58 -12.07	88.63 2.55 -66.48	34.25 2.58 -11.30	61.36 2.95 -33.80	38.37 3.01 -10.43	27.40 2.84 -0.32	23.39 2.29 -0.33	21.32 1.97 -0.19
HICKLING___1 23621	20.49 0.58 0.00	18.14 0.45 0.00	17.50 0.44 0.00	18.06 0.38 -0.42	18.76 0.46 -0.13	22.46 0.62 -0.48	28.24 0.99 -5.21	33.09 1.43 -3.56	23.29 1.06 -1.64	22.05 0.88 -0.28	26.28 1.00 -2.03	23.95 0.88 0.00	24.92 0.92 -0.09	24.10 0.96 -0.25	22.53 0.93 0.00	22.85 0.87 0.00	21.81 0.60 0.00	23.41 0.74 -3.08	25.47 0.62 -4.48	30.45 0.76 -5.08	30.89 0.69 -5.28	29.83 0.56 -5.03	26.41 0.46 -5.17	22.44 0.24 -3.04
HICKLING___2 23622	20.49 0.58 0.00	18.14 0.45 0.00	17.50 0.44 0.00	18.06 0.38 -0.42	18.76 0.46 -0.13	22.46 0.62 -0.48	28.24 0.99 -5.21	33.09 1.43 -3.56	23.29 1.06 -1.64	22.05 0.88 -0.28	26.28 1.00 -2.03	23.95 0.88 0.00	24.92 0.92 -0.09	24.10 0.96 -0.25	22.53 0.93 0.00	22.85 0.87 0.00	21.81 0.60 0.00	23.41 0.74 -3.08	25.47 0.62 -4.48	30.45 0.76 -5.08	30.89 0.69 -5.28	29.83 0.56 -5.03	26.41 0.46 -5.17	22.44 0.24 -3.04
HIGH FALLS___HY 23754	21.56 1.65 0.00	19.12 1.43 0.00	18.47 1.41 0.00	18.72 1.43 -0.02	19.61 1.43 -0.01	23.08 1.70 -0.02	24.47 2.16 -0.27	31.03 2.76 -0.17	22.89 2.20 -0.08	22.92 2.01 -0.02	25.48 2.13 -0.10	25.11 2.04 0.00	26.11 2.21 0.00	25.04 2.13 -0.01	23.59 1.99 0.00	24.11 2.13 0.00	23.31 2.10 0.00	21.93 2.14 -0.19	22.81 2.16 -0.28	27.40 2.47 -0.32	28.28 2.53 -0.82	26.94 2.39 -0.31	23.03 1.93 -0.32	21.01 1.67 -0.18
HILLBURN___GT 23639	21.30 1.40 0.00	18.92 1.23 0.00	18.29 1.23 0.00	18.50 1.24 0.00	19.38 1.20 0.00	22.80 1.45 0.00	23.89 1.84 0.00	30.52 2.42 0.00	22.54 1.94 0.00	22.67 1.78 0.00	25.15 1.90 0.00	24.96 1.90 0.00	25.86 1.96 0.00	24.76 1.86 0.00	23.30 1.69 0.00	23.85 1.87 0.00	23.08 1.87 0.00	21.48 1.88 0.00	22.25 1.88 0.00	26.76 2.14 0.00	27.63 2.23 -0.48	26.34 2.11 0.00	22.42 1.64 0.00	20.59 1.43 0.00
HILLSIDE_115KV_TB1 80332	20.33 0.42 0.00	18.03 0.34 0.00	17.39 0.32 0.00	17.89 0.28 -0.34	18.63 0.32 -0.14	22.16 0.43 -0.38	27.13 0.78 -4.30	32.13 1.10 -2.94	22.85 0.81 -1.44	21.78 0.64 -0.25	25.60 0.76 -1.59	23.70 0.64 0.00	24.71 0.73 -0.08	23.84 0.72 -0.22	22.27 0.67 0.00	22.60 0.61 0.00	21.59 0.38 0.00	22.90 0.58 -2.73	24.81 0.46 -3.97	29.65 0.55 -4.50	30.08 0.47 -4.69	29.06 0.37 -4.46	25.68 0.31 -4.59	22.00 0.12 -2.73
HISHELDN_WT_PWR 323625	19.81 -0.10 0.00	17.46 -0.23 0.00	16.83 -0.23 0.00	14.34 -0.37 2.56	16.75 -0.37 1.06	16.46 -0.39 4.50	-10.30 0.00 32.34	-9.51 0.21 37.82	1.51 0.15 19.24	18.87 -0.14 1.88	11.42 -0.15 11.67	22.85 -0.21 0.00	23.10 -0.20 0.60	21.15 -0.21 1.54	21.50 -0.10 0.00	21.66 -0.32 0.00	20.63 -0.58 0.00	0.60 -0.30 18.70	-7.29 -0.39 27.27	-6.83 -0.57 30.87	-6.85 -0.59 31.18	-7.08 -0.73 30.59	-12.90 -0.65 33.03	-7.75 -0.67 26.23
HOLTSVILLE_IC_1 23690	48.10 2.05 -26.13	19.47 1.78 0.00	18.82 1.75 0.00	19.03 1.76 0.00	19.87 1.70 0.00	23.34 1.99 0.00	24.60 2.47 -0.08	31.47 3.37 0.00	23.07 2.47 0.00	23.07 2.18 0.00	25.94 2.37 -0.32	27.75 2.35 -2.34	32.94 2.27 -6.77	46.23 2.33 -21.00	35.86 2.18 -12.07	59.83 2.40 -35.45	35.70 2.42 -12.07	88.28 2.40 -66.28	33.84 2.45 -11.02	60.85 2.76 -33.48	37.88 2.85 -10.10	26.94 2.70 0.00	23.02 2.24 0.00	21.03 1.87 0.00
HOLTSVILLE_IC_10 23699	48.18 2.14 -26.13	19.54 1.84 0.00	18.87 1.81 0.00	19.09 1.82 0.00	19.94 1.77 0.00	23.44 2.08 0.00	24.71 2.58 -0.08	31.65 3.55 0.00	23.19 2.59 0.00	23.19 2.30 0.00	26.07 2.49 -0.32	27.87 2.46 -2.34	33.03 2.36 -6.77	46.35 2.46 -21.00	35.98 2.30 -12.07	59.96 2.53 -35.45	35.84 2.55 -12.07	88.41 2.53 -66.28	33.97 2.58 -11.02	61.02 2.93 -33.48	38.04 3.01 -10.10	27.09 2.85 0.00	23.14 2.36 0.00	21.13 1.97 0.00
HOLTSVILLE_IC_2 23691	48.10 2.05 -26.13	19.47 1.78 0.00	18.82 1.75 0.00	19.03 1.76 0.00	19.87 1.70 0.00	23.34 1.99 0.00	24.60 2.47 -0.08	31.47 3.37 0.00	23.07 2.47 0.00	23.07 2.18 0.00	25.94 2.37 -0.32	27.75 2.35 -2.34	32.94 2.27 -6.77	46.23 2.33 -21.00	35.86 2.18 -12.07	59.83 2.40 -35.45	35.70 2.42 -12.07	88.28 2.40 -66.28	33.84 2.45 -11.02	60.85 2.76 -33.48	37.88 2.85 -10.10	26.94 2.70 0.00	23.02 2.24 0.00	21.03 1.87 0.00
HOLTSVILLE_IC_3 23692	48.10 2.05 -26.13	19.47 1.78 0.00	18.82 1.75 0.00	19.03 1.76 0.00	19.87 1.70 0.00	23.34 1.99 0.00	24.60 2.47 -0.08	31.47 3.37 0.00	23.07 2.47 0.00	23.07 2.18 0.00	25.94 2.37 -0.32	27.75 2.35 -2.34	32.94 2.27 -6.77	46.23 2.33 -21.00	35.86 2.18 -12.07	59.83 2.40 -35.45	35.70 2.42 -12.07	88.28 2.40 -66.28	33.84 2.45 -11.02	60.85 2.76 -33.48	37.88 2.85 -10.10	26.94 2.70 0.00	23.02 2.24 0.00	21.03 1.87 0.00

HOLTSVILLE_IC_4 23693	48.10 2.05 -26.13	19.47 1.78 0.00	18.82 1.75 0.00	19.03 1.76 0.00	19.87 1.70 0.00	23.34 1.99 0.00	24.60 2.47 -0.08	31.47 3.37 0.00	23.07 2.47 0.00	23.07 2.18 0.00	25.94 2.37 -0.32	27.75 2.35 -2.34	32.94 2.27 -6.77	46.23 2.33 -21.00	35.86 2.18 -12.07	59.83 2.40 -35.45	35.70 2.42 -12.07	88.28 2.40 -66.28	33.84 2.45 -11.02	60.85 2.76 -33.48	37.88 2.85 -10.10	26.94 2.70 0.00	23.02 2.24 0.00	21.03 1.87 0.00
HOLTSVILLE_IC_5 23694	48.10 2.05 -26.13	19.47 1.78 0.00	18.82 1.75 0.00	19.03 1.76 0.00	19.87 1.70 0.00	23.34 1.99 0.00	24.60 2.47 -0.08	31.47 3.37 0.00	23.07 2.47 0.00	23.07 2.18 0.00	25.94 2.37 -0.32	27.75 2.35 -2.34	32.94 2.27 -6.77	46.23 2.33 -21.00	35.86 2.18 -12.07	59.83 2.40 -35.45	35.70 2.42 -12.07	88.28 2.40 -66.28	33.84 2.45 -11.02	60.85 2.76 -33.48	37.88 2.85 -10.10	26.94 2.70 0.00	23.02 2.24 0.00	21.03 1.87 0.00
HOLTSVILLE_IC_6 23695	48.18 2.14 -26.13	19.54 1.84 0.00	18.87 1.81 0.00	19.09 1.82 0.00	19.94 1.77 0.00	23.44 2.08 0.00	24.71 2.58 -0.08	31.65 3.55 0.00	23.19 2.59 0.00	23.19 2.30 0.00	26.07 2.49 -0.32	27.87 2.46 -2.34	33.03 2.36 -6.77	46.35 2.46 -21.00	35.98 2.30 -12.07	59.96 2.53 -35.45	35.84 2.55 -12.07	88.41 2.53 -66.28	33.97 2.58 -11.02	61.02 2.93 -33.48	38.04 3.01 -10.10	27.09 2.85 0.00	23.14 2.36 0.00	21.13 1.97 0.00
HOLTSVILLE_IC_7 23696	48.18 2.14 -26.13	19.54 1.84 0.00	18.87 1.81 0.00	19.09 1.82 0.00	19.94 1.77 0.00	23.44 2.08 0.00	24.71 2.58 -0.08	31.65 3.55 0.00	23.19 2.59 0.00	23.19 2.30 0.00	26.07 2.49 -0.32	27.87 2.46 -2.34	33.03 2.36 -6.77	46.35 2.46 -21.00	35.98 2.30 -12.07	59.96 2.53 -35.45	35.84 2.55 -12.07	88.41 2.53 -66.28	33.97 2.58 -11.02	61.02 2.93 -33.48	38.04 3.01 -10.10	27.09 2.85 0.00	23.14 2.36 0.00	21.13 1.97 0.00
HOLTSVILLE_IC_8 23697	48.18 2.14 -26.13	19.54 1.84 0.00	18.87 1.81 0.00	19.09 1.82 0.00	19.94 1.77 0.00	23.44 2.08 0.00	24.71 2.58 -0.08	31.65 3.55 0.00	23.19 2.59 0.00	23.19 2.30 0.00	26.07 2.49 -0.32	27.87 2.46 -2.34	33.03 2.36 -6.77	46.35 2.46 -21.00	35.98 2.30 -12.07	59.96 2.53 -35.45	35.84 2.55 -12.07	88.41 2.53 -66.28	33.97 2.58 -11.02	61.02 2.93 -33.48	38.04 3.01 -10.10	27.09 2.85 0.00	23.14 2.36 0.00	21.13 1.97 0.00
HOLTSVILLE_IC_9 23698	48.18 2.14 -26.13	19.54 1.84 0.00	18.87 1.81 0.00	19.09 1.82 0.00	19.94 1.77 0.00	23.44 2.08 0.00	24.71 2.58 -0.08	31.65 3.55 0.00	23.19 2.59 0.00	23.19 2.30 0.00	26.07 2.49 -0.32	27.87 2.46 -2.34	33.03 2.36 -6.77	46.35 2.46 -21.00	35.98 2.30 -12.07	59.96 2.53 -35.45	35.84 2.55 -12.07	88.41 2.53 -66.28	33.97 2.58 -11.02	61.02 2.93 -33.48	38.04 3.01 -10.10	27.09 2.85 0.00	23.14 2.36 0.00	21.13 1.97 0.00
HOMER_HL_115KV_TB2 355744	20.95 1.05 0.00	18.54 0.85 0.00	17.96 0.89 0.00	17.90 0.79 0.16	18.99 0.84 0.02	22.20 1.03 0.18	21.31 1.30 2.04	28.53 1.96 1.53	21.15 1.42 0.87	22.00 1.25 0.15	23.77 1.42 0.90	24.36 1.30 0.00	25.32 1.46 0.05	24.12 1.29 0.07	22.78 1.18 0.00	23.06 1.08 0.00	22.05 0.83 0.00	19.11 1.06 1.55	18.94 0.87 2.30	23.07 1.07 2.61	23.37 0.99 2.54	22.54 0.88 2.58	18.68 0.56 2.66	18.05 0.52 1.63
HOWARD_WT_PWR 323690	19.90 0.00 0.00	17.46 -0.24 0.00	16.80 -0.26 0.00	19.73 -0.25 -2.72	19.19 -0.11 -1.13	26.18 0.03 -4.80	56.87 0.43 -34.40	69.16 0.77 -40.29	41.60 0.50 -20.50	23.20 0.29 -2.01	35.96 0.24 -12.47	23.13 0.07 0.00	24.52 -0.03 -0.65	24.69 0.14 -1.65	21.90 0.30 0.00	21.96 -0.02 0.00	20.77 -0.44 0.00	40.01 -0.40 -20.81	50.13 -0.59 -30.35	58.23 -0.75 -34.36	59.07 -0.78 -34.93	57.33 -0.95 -34.05	56.85 -0.71 -36.77	47.57 -0.79 -29.20
HQ_GEN_CEDARS 23644	19.82 -0.08 0.00	17.62 -0.07 0.00	16.98 -0.09 0.00	17.22 -0.05 0.00	18.21 0.04 0.00	21.34 -0.02 0.00	21.62 -0.42 0.00	27.50 -0.60 0.00	19.90 -0.71 0.00	20.60 -0.30 0.00	22.96 -0.29 0.00	22.91 -0.15 0.00	23.80 -0.10 0.00	22.74 -0.15 0.00	21.47 -0.13 0.00	21.79 -0.19 0.00	20.80 -0.41 0.00	19.11 -0.48 0.00	19.93 -0.44 0.00	24.14 -0.47 0.00	24.44 -0.49 0.00	23.80 -0.44 0.00	20.65 -0.13 0.00	19.07 -0.09 0.00
HQ_GEN_CEDARS_PROXY 323590	19.82 -0.08 0.00	17.62 -0.07 0.00	16.98 -0.09 0.00	17.22 -0.05 0.00	18.21 0.04 0.00	21.59 -0.02 -0.25	21.62 -0.43 0.00	27.50 -0.60 0.00	19.90 -0.71 0.00	20.59 -0.30 0.00	22.96 -0.29 0.00	22.91 -0.15 0.00	23.80 -0.10 0.00	22.74 -0.15 0.00	21.47 -0.13 0.00	21.79 -0.19 0.00	20.80 -0.41 0.00	19.11 -0.49 0.00	19.93 -0.44 0.00	24.14 -0.47 0.00	24.44 -0.49 0.00	23.80 -0.44 0.00	20.65 -0.13 0.00	19.08 -0.08 0.00
HQ_GEN_IMPORT 323601	19.72 -0.18 0.00	17.55 -0.14 0.00	16.91 -0.15 0.00	17.14 -0.13 0.00	18.08 -0.09 0.00	21.20 -0.16 0.00	21.44 -0.37 0.24	27.58 -0.51 0.00	20.19 -0.41 0.00	20.64 -0.25 0.00	23.04 -0.21 0.00	22.88 -0.18 0.00	23.71 -0.19 0.00	22.70 -0.20 0.00	21.42 -0.17 0.00	21.76 -0.23 0.00	20.93 -0.28 0.00	19.17 -0.37 0.06	20.02 -0.35 0.00	24.23 -0.38 0.00	24.52 -0.40 0.00	23.90 -0.34 0.00	20.58 -0.20 0.00	19.00 -0.16 0.00
HQ_GEN_WHEEL 23651	19.72 -0.18 0.00	17.55 -0.14 0.00	16.91 -0.15 0.00	17.14 -0.13 0.00	18.08 -0.09 0.00	21.20 -0.16 0.00	21.44 -0.37 0.24	27.58 -0.51 0.00	20.19 -0.41 0.00	20.64 -0.25 0.00	23.04 -0.21 0.00	22.88 -0.18 0.00	23.71 -0.19 0.00	22.70 -0.20 0.00	21.42 -0.17 0.00	21.76 -0.23 0.00	20.93 -0.28 0.00	19.17 -0.37 0.06	20.02 -0.35 0.00	24.23 -0.38 0.00	24.52 -0.40 0.00	23.90 -0.34 0.00	20.58 -0.20 0.00	19.00 -0.16 0.00
HUDSON_AVE_GT_3 23810	21.50 1.59 0.00	19.09 1.40 0.00	18.45 1.39 0.00	18.66 1.40 0.00	19.53 1.36 0.00	22.96 1.60 0.00	24.06 2.02 0.00	30.79 2.69 0.00	22.81 2.21 0.00	22.97 2.08 0.00	25.49 2.24 0.00	25.29 2.22 0.00	26.14 2.23 0.00	25.09 2.19 0.00	23.62 2.02 0.00	24.20 2.21 0.00	23.40 2.19 0.00	21.77 2.17 0.00	22.52 2.15 0.00	27.06 2.45 0.00	27.93 2.51 -0.49	26.63 2.40 0.00	22.70 1.92 0.00	20.82 1.67 0.00
HUDSON_AVE_GT_4 23540	21.50 1.59 0.00	19.09 1.40 0.00	18.45 1.39 0.00	18.66 1.40 0.00	19.53 1.36 0.00	22.96 1.60 0.00	24.06 2.02 0.00	30.79 2.69 0.00	22.81 2.21 0.00	22.97 2.08 0.00	25.49 2.24 0.00	25.29 2.22 0.00	26.14 2.23 0.00	25.09 2.19 0.00	23.62 2.02 0.00	24.20 2.21 0.00	23.40 2.19 0.00	21.77 2.17 0.00	22.52 2.15 0.00	27.06 2.45 0.00	27.93 2.51 -0.49	26.63 2.40 0.00	22.70 1.92 0.00	20.82 1.67 0.00
HUDSON_AVE_GT_5 23657	21.50 1.59 0.00	19.09 1.40 0.00	18.45 1.39 0.00	18.66 1.40 0.00	19.53 1.36 0.00	22.96 1.60 0.00	24.06 2.02 0.00	30.79 2.69 0.00	22.81 2.21 0.00	22.97 2.08 0.00	25.49 2.24 0.00	25.29 2.22 0.00	26.14 2.23 0.00	25.09 2.19 0.00	23.62 2.02 0.00	24.20 2.21 0.00	23.40 2.19 0.00	21.77 2.17 0.00	22.52 2.15 0.00	27.06 2.45 0.00	27.93 2.51 -0.49	26.63 2.40 0.00	22.70 1.92 0.00	20.82 1.67 0.00

HUDSON_AVE_10 24168	21.45 1.54 0.00	19.04 1.35 0.00	18.41 1.34 0.00	18.64 1.35 -0.02	19.48 1.30 -0.01	22.91 1.53 -0.02	24.28 1.96 -0.27	30.87 2.60 -0.17	22.83 2.15 -0.08	22.91 2.01 -0.01	25.49 2.14 -0.10	25.19 2.12 0.00	26.05 2.14 0.00	25.01 2.10 -0.01	23.55 1.95 0.00	24.11 2.13 0.00	23.32 2.11 0.00	21.89 2.10 -0.19	22.76 2.11 -0.28	27.28 2.35 -0.32	28.15 2.41 -0.82	26.85 2.29 -0.32	22.98 1.88 -0.33	20.97 1.63 -0.19
HUDSON___115KV_TB 4 355613	20.81 0.91 0.00	18.57 0.88 0.00	17.95 0.89 0.00	18.19 0.91 -0.02	19.05 0.87 -0.01	22.50 1.13 -0.02	23.67 1.41 -0.22	29.95 1.71 -0.14	21.85 1.18 -0.07	21.79 0.88 -0.01	24.19 0.86 -0.08	23.94 0.87 0.00	24.70 0.79 0.00	23.66 0.75 -0.01	22.27 0.66 0.00	22.87 0.88 0.00	22.26 1.05 0.00	20.83 1.07 -0.16	21.79 1.19 -0.23	26.29 1.42 -0.26	27.28 1.51 -0.85	25.86 1.37 -0.26	22.03 0.98 -0.26	20.14 0.84 -0.15
HUNTER MOUNT___DRP 323613	20.84 0.94 0.00	18.60 0.91 0.00	17.98 0.92 0.00	18.22 0.94 -0.02	19.09 0.91 -0.01	22.57 1.19 -0.02	23.74 1.47 -0.22	30.04 1.79 -0.15	21.87 1.19 -0.07	21.76 0.86 -0.01	24.14 0.80 -0.08	23.89 0.82 0.00	24.61 0.70 0.00	23.59 0.68 -0.01	22.21 0.60 0.00	22.81 0.83 0.00	22.23 1.02 0.00	20.80 1.05 -0.16	21.81 1.20 -0.24	26.34 1.46 -0.27	27.33 1.56 -0.84	25.91 1.41 -0.26	22.05 1.00 -0.27	20.17 0.86 -0.15
HUNTINGTON_RES_REC 323705	48.10 2.05 -26.13	19.47 1.78 0.00	18.82 1.76 0.00	19.04 1.77 0.00	19.89 1.72 0.00	23.40 2.04 0.00	24.68 2.55 -0.08	31.59 3.50 0.00	23.17 2.57 0.00	23.19 2.30 0.00	26.12 2.55 -0.32	27.93 2.52 -2.34	33.13 2.46 -6.77	46.41 2.51 -21.00	36.01 2.33 -12.07	59.97 2.54 -35.45	35.83 2.55 -12.07	88.42 2.54 -66.28	33.97 2.58 -11.02	61.03 2.93 -33.48	38.04 3.01 -10.10	27.08 2.84 0.00	23.11 2.33 0.00	21.11 1.96 0.00
HUNTLEY___63 23557	19.96 0.06 0.00	17.56 -0.13 0.00	16.91 -0.16 0.00	16.09 -0.31 0.87	17.55 -0.34 0.28	20.05 -0.38 0.93	10.80 -0.23 11.02	21.14 0.00 6.95	17.26 0.14 3.48	20.09 -0.16 0.64	19.13 -0.14 3.98	22.89 -0.17 0.00	23.66 -0.03 0.21	22.37 -0.09 0.43	21.46 -0.14 0.00	21.61 -0.37 0.00	20.63 -0.58 0.00	13.48 -0.17 5.95	11.35 -0.34 8.68	14.42 -0.39 9.80	14.66 -0.41 9.85	14.01 -0.51 9.71	10.08 -0.75 9.96	12.75 -0.61 5.80
HUNTLEY___64 23558	19.96 0.06 0.00	17.56 -0.13 0.00	16.91 -0.16 0.00	16.09 -0.31 0.87	17.55 -0.34 0.28	20.05 -0.38 0.93	10.80 -0.23 11.02	21.14 0.00 6.95	17.26 0.14 3.48	20.09 -0.16 0.64	19.13 -0.14 3.98	22.89 -0.17 0.00	23.66 -0.03 0.21	22.37 -0.09 0.43	21.46 -0.14 0.00	21.61 -0.37 0.00	20.63 -0.58 0.00	13.48 -0.17 5.95	11.35 -0.34 8.68	14.42 -0.39 9.80	14.66 -0.41 9.85	14.01 -0.51 9.71	10.08 -0.75 9.96	12.75 -0.61 5.80
HUNTLEY___65 23559	19.96 0.06 0.00	17.56 -0.13 0.00	16.91 -0.16 0.00	16.09 -0.31 0.87	17.55 -0.34 0.28	20.05 -0.38 0.93	10.80 -0.23 11.02	21.14 0.00 6.95	17.26 0.14 3.48	20.09 -0.16 0.64	19.13 -0.14 3.98	22.89 -0.17 0.00	23.66 -0.03 0.21	22.37 -0.09 0.43	21.46 -0.14 0.00	21.61 -0.37 0.00	20.63 -0.58 0.00	13.48 -0.17 5.95	11.35 -0.34 8.68	14.42 -0.39 9.80	14.66 -0.41 9.85	14.01 -0.51 9.71	10.08 -0.75 9.96	12.75 -0.61 5.80
HUNTLEY___66 23560	19.96 0.06 0.00	17.56 -0.13 0.00	16.91 -0.16 0.00	16.09 -0.31 0.87	17.55 -0.34 0.28	20.05 -0.38 0.93	10.80 -0.23 11.02	21.14 0.00 6.95	17.26 0.14 3.48	20.09 -0.16 0.64	19.13 -0.14 3.98	22.89 -0.17 0.00	23.66 -0.03 0.21	22.37 -0.09 0.43	21.46 -0.14 0.00	21.61 -0.37 0.00	20.63 -0.58 0.00	13.48 -0.17 5.95	11.35 -0.34 8.68	14.42 -0.39 9.80	14.66 -0.41 9.85	14.01 -0.51 9.71	10.08 -0.75 9.96	12.75 -0.61 5.80
HUNTLEY___67 23561	19.83 -0.07 0.00	17.46 -0.23 0.00	16.81 -0.25 0.00	15.86 -0.41 1.00	17.41 -0.45 0.32	19.77 -0.52 1.07	8.96 -0.44 12.63	19.66 -0.25 8.19	16.47 -0.05 4.08	19.87 -0.28 0.74	18.38 -0.31 4.56	22.76 -0.31 0.00	23.47 -0.19 0.23	22.13 -0.27 0.50	21.33 -0.27 0.00	21.52 -0.47 0.00	20.56 -0.65 0.00	12.34 -0.33 6.93	9.74 -0.53 10.10	12.59 -0.62 11.41	12.80 -0.65 11.47	12.20 -0.73 11.30	8.28 -0.91 11.59	11.68 -0.75 6.73
HUNTLEY___68 23562	19.83 -0.07 0.00	17.46 -0.23 0.00	16.81 -0.25 0.00	15.86 -0.41 1.00	17.41 -0.45 0.32	19.77 -0.52 1.07	8.96 -0.44 12.63	19.66 -0.25 8.19	16.47 -0.05 4.08	19.87 -0.28 0.74	18.38 -0.31 4.56	22.76 -0.31 0.00	23.47 -0.19 0.23	22.13 -0.27 0.50	21.33 -0.27 0.00	21.52 -0.47 0.00	20.56 -0.65 0.00	12.34 -0.33 6.93	9.74 -0.53 10.10	12.59 -0.62 11.41	12.80 -0.65 11.47	12.20 -0.73 11.30	8.28 -0.91 11.59	11.68 -0.75 6.73
HYLAND___LFGE 323620	20.80 0.90 0.00	18.31 0.62 0.00	17.63 0.57 0.00	20.73 0.46 -3.00	19.99 0.57 -1.24	27.49 0.84 -5.29	61.30 1.27 -37.98	74.57 1.95 -44.52	23.92 0.81 -22.67	37.71 0.68 -13.78	23.65 0.59 0.00	25.05 0.43 -0.71	25.37 0.65 -1.82	22.13 0.53 0.00	22.07 0.09 0.00	21.25 0.04 0.00	43.05 0.24 -23.21	54.51 0.28 -33.86	63.31 0.36 -38.34	64.30 0.45 -38.93	62.48 0.26 -37.98	61.90 0.10 -41.02	51.67 -0.06 -32.57	
INDECK___CORINTH 23802	21.05 1.15 0.00	18.73 1.04 0.00	18.08 1.02 0.00	18.31 1.04 0.00	19.22 1.05 0.00	22.72 1.37 0.00	23.75 1.71 0.00	30.28 2.18 0.00	22.10 1.49 0.00	22.13 1.24 0.00	24.46 1.21 0.00	24.27 1.21 0.00	25.06 1.16 0.00	24.04 1.14 0.00	22.56 0.96 0.00	23.10 1.12 0.00	22.50 1.29 0.00	20.98 1.39 0.00	21.85 1.48 0.00	26.34 1.73 0.00	27.39 1.84 -0.63	25.97 1.74 0.00	22.04 1.26 0.00	20.26 1.10 0.00
INDECK___ILION 23567	19.98 0.08 0.00	17.77 0.08 0.00	17.16 0.10 0.00	17.37 0.11 0.00	18.23 0.06 0.00	21.45 0.09 0.00	22.38 0.31 -0.02	28.43 0.31 -0.02	20.81 0.20 -0.01	20.94 0.05 0.00	23.17 -0.08 -0.01	22.91 -0.15 0.00	23.75 -0.15 0.00	22.73 -0.17 0.00	21.41 -0.19 0.00	21.87 -0.11 0.00	21.23 0.02 0.00	19.77 0.15 -0.02	20.61 0.20 -0.03	24.89 0.24 -0.03	25.23 0.27 -0.04	24.48 0.21 -0.03	20.85 0.03 -0.03	19.13 -0.05 -0.02
INDECK___OLEAN 23982	20.96 1.05 0.00	18.54 0.85 0.00	17.97 0.90 0.00	17.90 0.79 0.16	18.95 0.84 0.07	22.09 1.02 0.29	21.38 1.41 2.07	27.34 2.02 2.77	20.55 1.45 1.50	22.01 1.26 0.15	23.79 1.44 0.90	24.37 1.31 0.00	25.35 1.49 0.05	24.09 1.31 0.12	22.84 1.24 0.00	23.06 1.08 0.00	22.05 0.84 0.00	19.16 1.11 1.55	19.05 0.98 2.30	23.10 1.10 2.61	23.39 1.01 2.54	22.55 0.90 2.58	18.60 0.61 2.78	17.52 0.58 2.22
INDECK___OSWEGO 23783	19.56 -0.35 0.00	17.32 -0.37 0.00	16.70 -0.36 0.00	16.87 -0.39 0.00	17.76 -0.41 0.00	20.91 -0.45 0.00	21.69 -0.36 0.00	27.66 -0.44 0.00	20.29 -0.31 0.00	20.46 -0.43 0.00	22.75 -0.49 0.00	22.59 -0.47 0.00	23.43 -0.47 0.00	22.46 -0.44 0.00	21.17 -0.43 0.00	21.54 -0.44 0.00	20.79 -0.42 0.00	19.30 -0.30 0.00	20.04 -0.34 0.00	24.21 -0.40 0.00	24.58 -0.39 -0.04	23.83 -0.40 0.00	20.40 -0.38 0.00	18.82 -0.34 0.00

INDECK___YERKES 23781	20.00 0.09 0.00	17.58 -0.11 0.00	16.93 -0.13 0.00	16.10 -0.28 0.88	17.49 -0.32 0.36	19.45 -0.36 1.54	10.87 -0.08 11.09	15.27 0.08 12.91	14.24 0.21 6.57	20.12 -0.12 0.64	19.17 -0.10 3.98	22.93 -0.13 0.00	23.72 0.03 0.21	22.33 -0.04 0.52	21.56 -0.04 0.00	21.64 -0.34 0.00	20.66 -0.54 0.00	13.57 -0.08 5.94	11.54 -0.17 8.66	14.49 -0.31 9.80	14.73 -0.35 9.85	14.06 -0.46 9.71	9.64 -0.66 10.48	10.30 -0.52 8.33
INDIAN POINT_GT_1 24139	21.32 1.42 0.00	18.95 1.25 0.00	18.31 1.25 0.00	18.53 1.26 0.00	19.40 1.22 0.00	22.83 1.47 0.00	23.91 1.86 0.00	30.58 2.49 0.00	22.60 1.99 0.00	22.72 1.83 0.00	25.21 1.97 0.00	25.02 1.95 0.00	25.86 1.95 0.00	24.82 1.92 0.00	23.37 1.76 0.00	23.93 1.95 0.00	23.16 1.95 0.00	21.55 1.96 0.00	22.33 1.96 0.00	26.84 2.23 0.00	27.72 2.31 -0.49	26.42 2.18 0.00	22.50 1.72 0.00	20.65 1.49 0.00
INDIAN POINT_GT_2 23659	21.32 1.42 0.00	18.95 1.25 0.00	18.31 1.25 0.00	18.53 1.26 0.00	19.40 1.22 0.00	22.83 1.47 0.00	23.91 1.86 0.00	30.58 2.49 0.00	22.60 1.99 0.00	22.72 1.83 0.00	25.21 1.97 0.00	25.02 1.95 0.00	25.86 1.95 0.00	24.82 1.92 0.00	23.37 1.76 0.00	23.93 1.95 0.00	23.16 1.95 0.00	21.55 1.96 0.00	22.33 1.96 0.00	26.84 2.23 0.00	27.72 2.31 -0.49	26.42 2.18 0.00	22.50 1.72 0.00	20.65 1.49 0.00
INDIAN POINT_GT_3 24019	21.32 1.42 0.00	18.95 1.25 0.00	18.31 1.25 0.00	18.53 1.26 0.00	19.40 1.22 0.00	22.83 1.47 0.00	23.91 1.86 0.00	30.58 2.49 0.00	22.60 1.99 0.00	22.72 1.83 0.00	25.21 1.97 0.00	25.02 1.95 0.00	25.86 1.95 0.00	24.82 1.92 0.00	23.37 1.76 0.00	23.93 1.95 0.00	23.16 1.95 0.00	21.55 1.96 0.00	22.33 1.96 0.00	26.84 2.23 0.00	27.72 2.31 -0.49	26.42 2.18 0.00	22.50 1.72 0.00	20.65 1.49 0.00
INDIAN POINT___2 23530	21.29 1.38 0.00	18.91 1.22 0.00	18.29 1.22 0.00	18.50 1.23 0.00	19.37 1.20 0.00	22.79 1.44 0.00	23.88 1.84 0.00	30.54 2.45 0.00	22.57 1.96 0.00	22.69 1.80 0.00	25.19 1.93 0.00	24.99 1.93 0.00	25.83 1.93 0.00	24.79 1.89 0.00	23.34 1.73 0.00	23.89 1.91 0.00	23.13 1.92 0.00	21.52 1.92 0.00	22.29 1.92 0.00	26.80 2.19 0.00	27.68 2.27 -0.49	26.38 2.14 0.00	22.47 1.69 0.00	20.62 1.46 0.00
INDIAN POINT___3 23531	21.29 1.39 0.00	18.91 1.22 0.00	18.29 1.22 0.00	18.52 1.24 -0.02	19.38 1.20 -0.01	22.81 1.43 -0.02	24.17 1.86 -0.27	30.71 2.44 -0.17	22.65 1.96 -0.09	22.69 1.79 -0.02	25.27 1.92 -0.10	24.97 1.91 0.00	25.83 1.92 0.00	24.79 1.88 -0.01	23.34 1.74 0.00	23.88 1.90 0.00	23.12 1.91 0.00	21.72 1.93 -0.20	22.60 1.94 -0.29	27.12 2.19 -0.32	28.00 2.26 -0.82	26.69 2.13 -0.32	22.80 1.69 -0.33	20.81 1.47 -0.19
INGHAM_C_115KV_TB7 356103	19.89 -0.02 0.00	17.72 0.03 0.00	17.14 0.08 0.00	17.37 0.10 0.00	18.16 -0.01 0.00	21.38 0.02 0.00	22.53 0.46 -0.02	28.50 0.38 -0.02	20.80 0.19 -0.01	20.80 -0.09 0.00	22.89 -0.37 -0.01	22.66 -0.41 0.00	23.38 -0.52 0.00	22.33 -0.57 0.00	21.00 -0.60 0.00	21.54 -0.44 0.00	21.05 -0.16 0.00	19.75 0.13 -0.02	20.66 0.26 -0.03	24.95 0.31 -0.03	25.31 0.34 -0.04	24.51 0.25 -0.03	20.72 -0.10 -0.03	18.90 -0.27 -0.02
IP CORINTH___1 23988	21.05 1.15 0.00	18.73 1.04 0.00	18.08 1.02 0.00	18.33 1.04 -0.02	19.23 1.05 0.00	22.73 1.36 -0.02	23.96 1.71 -0.20	30.41 2.18 -0.13	22.16 1.50 -0.06	22.15 1.24 -0.01	24.53 1.21 -0.08	24.27 1.21 0.00	25.07 1.17 0.00	24.05 1.14 -0.01	22.56 0.96 0.00	23.11 1.12 0.00	22.50 1.29 0.00	21.14 1.39 -0.15	22.07 1.49 -0.21	26.58 1.73 -0.24	27.64 1.84 -0.87	26.21 1.74 -0.24	22.28 1.26 -0.24	20.41 1.12 -0.14
IP___TICONDEROGA 23804	22.03 2.12 0.00	19.60 1.91 0.00	18.91 1.84 0.00	19.16 1.88 -0.02	20.14 1.96 0.00	23.89 2.52 -0.02	25.26 3.02 -0.20	32.05 3.82 -0.13	23.23 2.57 -0.06	23.13 2.23 -0.01	25.60 2.27 -0.08	25.27 2.21 0.00	26.17 2.27 0.00	24.99 2.09 -0.01	23.44 1.84 0.00	24.06 2.08 0.00	23.55 2.34 0.00	22.31 2.56 -0.15	23.30 2.71 -0.21	28.03 3.18 -0.24	29.08 3.29 -0.87	27.45 2.98 -0.24	23.11 2.09 -0.24	21.26 1.96 -0.14
ISLIP_RES_REC 323679	48.24 2.20 -26.13	19.59 1.90 0.00	18.92 1.86 0.00	19.15 1.88 0.00	20.00 1.82 0.00	23.51 2.15 0.00	24.80 2.67 -0.08	31.77 3.67 0.00	23.28 2.68 0.00	23.28 2.39 0.00	26.17 2.59 -0.32	27.96 2.56 -2.34	33.14 2.46 -6.77	46.46 2.56 -21.00	36.09 2.41 -12.07	60.07 2.64 -35.45	35.94 2.66 -12.07	88.52 2.64 -66.28	34.09 2.70 -11.02	61.14 3.05 -33.48	38.17 3.14 -10.10	27.20 2.97 0.00	23.23 2.44 0.00	21.20 2.04 0.00
JAMAICA___27_KV_LOAD 355505	21.55 1.64 0.00	19.13 1.44 0.00	18.49 1.43 0.00	18.73 1.44 -0.02	19.54 1.37 -0.01	22.97 1.59 -0.02	24.35 2.03 -0.27	30.97 2.70 -0.17	22.91 2.23 -0.08	22.99 2.09 -0.01	25.53 2.18 -0.10	25.22 2.16 0.00	26.08 2.17 0.00	25.06 2.15 -0.01	23.62 2.02 0.00	24.19 2.20 0.00	23.39 2.18 0.00	21.95 2.15 -0.19	22.82 2.16 -0.28	27.34 2.41 -0.32	28.19 2.45 -0.82	26.90 2.35 -0.32	23.10 1.99 -0.33	21.08 1.74 -0.19
JANIS___SOLAR 323808	20.91 1.00 0.00	18.48 0.79 0.00	17.83 0.77 0.00	18.20 0.74 -0.19	19.05 0.79 -0.08	22.76 1.07 -0.34	25.90 1.43 -2.43	32.79 1.84 -2.85	23.22 1.17 -1.45	21.87 0.83 -0.14	24.96 0.82 -0.89	23.79 0.72 0.00	24.72 0.77 -0.05	23.79 0.77 -0.12	22.47 0.87 0.00	22.97 0.99 0.00	22.22 1.01 0.00	22.31 1.15 -1.57	23.84 1.18 -2.29	28.69 1.49 -2.59	29.16 1.47 -2.77	28.18 1.38 -2.57	24.54 0.99 -2.77	22.19 0.83 -2.20
JARVIS____ 23743	19.97 0.06 0.00	17.73 0.04 0.00	17.11 0.05 0.00	17.31 0.04 0.00	18.21 0.04 0.00	21.41 0.06 0.00	22.16 0.11 0.00	28.23 0.13 0.00	20.70 0.10 0.00	20.94 0.05 0.00	23.27 0.02 0.00	23.07 0.00 0.00	23.90 0.00 0.00	22.90 0.00 0.00	21.60 0.00 0.00	22.01 0.02 0.00	21.27 0.06 0.00	19.68 0.09 0.00	20.45 0.08 0.00	24.71 0.10 0.00	25.03 0.10 -0.01	24.31 0.08 0.00	20.82 0.04 0.00	19.18 0.02 0.00
JENNISON___1 23625	21.11 1.20 0.00	18.69 1.00 0.00	18.03 0.97 0.00	18.32 0.95 -0.10	19.20 1.00 -0.03	22.78 1.32 -0.11	25.01 1.69 -1.27	31.13 2.21 -0.82	22.54 1.53 -0.41	22.26 1.30 -0.07	25.08 1.36 -0.47	24.37 1.31 0.00	25.26 1.34 -0.03	24.25 1.30 -0.05	22.87 1.27 0.00	23.34 1.36 0.00	22.55 1.34 0.00	21.91 1.44 -0.87	23.10 1.46 -1.27	27.84 1.80 -1.43	28.32 1.77 -1.63	27.31 1.66 -1.42	23.50 1.26 -1.45	21.04 1.04 -0.84
JENNISON___2 23626	21.11 1.20 0.00	18.69 1.00 0.00	18.03 0.97 0.00	18.32 0.95 -0.10	19.20 1.00 -0.03	22.78 1.32 -0.11	25.01 1.69 -1.27	31.13 2.21 -0.82	22.54 1.53 -0.41	22.26 1.30 -0.07	25.08 1.36 -0.47	24.37 1.31 0.00	25.26 1.34 -0.03	24.25 1.30 -0.05	22.87 1.27 0.00	23.34 1.36 0.00	22.55 1.34 0.00	21.91 1.44 -0.87	23.10 1.46 -1.27	27.84 1.80 -1.43	28.32 1.77 -1.63	27.31 1.66 -1.42	23.50 1.26 -1.45	21.04 1.04 -0.84

JERICO_RISE_WT_PWR 323719	19.70 -0.21 0.00	17.48 -0.21 0.00	16.85 -0.21 0.00	17.18 -0.09 0.00	18.16 -0.01 0.00	21.36 0.00 0.00	21.95 -0.09 0.00	28.01 -0.09 0.00	20.62 0.02 0.00	21.21 0.31 0.00	23.57 0.32 0.00	23.21 0.14 0.00	23.73 -0.17 0.00	22.72 -0.18 0.00	21.35 -0.25 0.00	21.74 -0.24 0.00	20.88 -0.33 0.00	19.31 -0.29 0.00	20.18 -0.19 0.00	24.57 -0.05 0.00	24.91 -0.01 0.00	24.03 -0.20 0.00	20.57 -0.21 0.00	19.02 -0.14 0.00
KATONAH__115KV_46KV_TB4 355592	21.40 1.49 0.00	19.01 1.32 0.00	18.37 1.31 0.00	18.61 1.33 -0.02	19.47 1.29 -0.01	22.93 1.55 -0.02	24.31 1.99 -0.27	30.89 2.62 -0.17	22.78 2.10 -0.08	22.82 1.91 -0.02	25.42 2.07 -0.10	25.12 2.06 0.00	25.98 2.07 0.00	24.92 2.02 -0.01	23.47 1.87 0.00	24.01 2.03 0.00	23.25 2.05 0.00	21.85 2.06 -0.19	22.74 2.09 -0.28	27.30 2.37 -0.32	28.19 2.44 -0.82	26.85 2.30 -0.31	22.93 1.83 -0.32	20.93 1.59 -0.18
KCE_NY_1 323755	21.09 1.18 0.00	18.77 1.08 0.00	18.13 1.07 0.00	18.36 1.10 0.00	19.30 1.12 0.00	22.73 1.38 0.00	23.70 1.65 0.00	30.16 2.07 0.00	22.03 1.43 0.00	22.10 1.20 0.00	24.49 1.24 0.00	24.30 1.24 0.00	25.10 1.20 0.00	24.08 1.18 0.00	22.65 1.05 0.00	23.19 1.20 0.00	22.58 1.37 0.00	20.99 1.39 0.00	21.85 1.48 0.00	26.34 1.73 0.00	27.38 1.83 -0.62	25.94 1.70 0.00	22.07 1.29 0.00	20.27 1.12 0.00
KCE_NY_6_ESR 323823	20.13 0.22 0.00	17.72 0.03 0.00	17.07 0.01 0.00	16.06 -0.16 1.05	17.57 -0.17 0.43	19.32 -0.19 1.85	8.86 0.07 13.26	12.98 0.31 15.44	13.09 0.35 7.85	20.21 0.08 0.77	18.60 0.11 4.76	23.15 0.09 0.00	23.87 0.21 0.25	22.36 0.08 0.63	21.72 0.12 0.00	21.86 -0.12 0.00	20.87 -0.33 0.00	12.43 0.03 7.20	9.80 -0.08 10.49	12.53 -0.21 11.87	12.76 -0.22 11.94	12.12 -0.35 11.76	7.57 -0.52 12.69	8.65 -0.42 10.09
KEDC_PORT_JEFF_GT2 24210	48.16 2.11 -26.13	19.52 1.83 0.00	18.86 1.80 0.00	19.07 1.81 0.00	19.92 1.75 0.00	23.41 2.06 0.00	24.69 2.56 -0.08	31.58 3.48 0.00	23.15 2.55 0.00	23.15 2.26 0.00	26.02 2.45 -0.32	27.83 2.42 -2.34	33.00 2.34 -6.77	46.32 2.42 -21.00	35.95 2.27 -12.07	59.92 2.49 -35.45	35.79 2.51 -12.07	88.37 2.49 -66.28	33.94 2.55 -11.02	60.97 2.88 -33.48	38.00 2.97 -10.10	27.05 2.81 0.00	23.10 2.32 0.00	21.09 1.94 0.00
KEDC_PORT_JEFF_GT3 24211	48.16 2.11 -26.13	19.52 1.83 0.00	18.86 1.80 0.00	19.07 1.81 0.00	19.92 1.75 0.00	23.41 2.06 0.00	24.69 2.56 -0.08	31.58 3.48 0.00	23.15 2.55 0.00	23.15 2.26 0.00	26.02 2.45 -0.32	27.83 2.42 -2.34	33.00 2.34 -6.77	46.32 2.42 -21.00	35.95 2.27 -12.07	59.92 2.49 -35.45	35.79 2.51 -12.07	88.37 2.49 -66.28	33.94 2.55 -11.02	60.97 2.88 -33.48	38.00 2.97 -10.10	27.05 2.81 0.00	23.10 2.32 0.00	21.09 1.94 0.00
KEDC_GLWD_GT4 24219	47.83 1.79 -26.13	19.26 1.57 0.00	18.61 1.55 0.00	18.82 1.56 0.00	19.69 1.52 0.00	23.18 1.82 0.00	24.40 2.27 -0.08	31.14 3.04 0.00	22.96 2.35 0.00	23.08 2.19 0.00	26.02 2.45 -0.32	27.85 2.45 -2.34	33.13 2.46 -6.77	46.31 2.41 -21.00	35.90 2.23 -12.07	59.84 2.41 -35.45	35.68 2.40 -12.07	88.25 2.37 -66.28	33.76 2.37 -11.02	60.81 2.72 -33.48	37.83 2.80 -10.10	26.87 2.64 0.00	22.89 2.11 0.00	20.96 1.81 0.00
KEDC_GLWD_GT5 24220	47.83 1.79 -26.13	19.26 1.57 0.00	18.61 1.55 0.00	18.82 1.56 0.00	19.69 1.52 0.00	23.18 1.82 0.00	24.40 2.27 -0.08	31.14 3.04 0.00	22.96 2.35 0.00	23.08 2.19 0.00	26.02 2.45 -0.32	27.85 2.45 -2.34	33.13 2.46 -6.77	46.31 2.41 -21.00	35.90 2.23 -12.07	59.84 2.41 -35.45	35.68 2.40 -12.07	88.25 2.37 -66.28	33.76 2.37 -11.02	60.81 2.72 -33.48	37.83 2.80 -10.10	26.87 2.64 0.00	22.89 2.11 0.00	20.96 1.81 0.00
KENSICO____ 23655	21.37 1.47 0.00	18.98 1.29 0.00	18.35 1.29 0.00	18.59 1.30 -0.02	19.44 1.26 -0.01	22.89 1.51 -0.02	24.26 1.94 -0.27	30.83 2.55 -0.17	22.74 2.06 -0.09	22.80 1.89 -0.02	25.39 2.04 -0.10	25.08 2.02 0.00	25.94 2.04 0.00	24.90 1.99 -0.01	23.44 1.84 0.00	23.99 2.02 0.00	23.23 2.02 0.00	21.81 2.02 -0.19	22.70 2.04 -0.28	27.23 2.29 -0.32	28.11 2.37 -0.82	26.79 2.24 -0.32	22.89 1.79 -0.33	20.90 1.56 -0.19
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.60 1.69 0.00	19.16 1.48 0.00	18.52 1.46 0.00	18.77 1.48 -0.02	19.66 1.48 -0.01	23.15 1.77 -0.02	24.55 2.23 -0.28	31.12 2.84 -0.18	22.93 2.23 -0.09	22.93 2.02 -0.02	25.49 2.14 -0.10	25.12 2.05 0.00	26.10 2.19 -0.01	25.02 2.12 -0.01	23.56 1.96 0.00	24.10 2.12 0.00	23.31 2.10 0.00	21.94 2.14 -0.20	22.83 2.17 -0.29	27.44 2.50 -0.33	28.31 2.57 -0.82	26.98 2.42 -0.33	23.05 1.94 -0.33	21.03 1.69 -0.19
KIAC_JFK_GT1 23816	21.44 1.53 0.00	19.03 1.34 0.00	18.40 1.34 0.00	18.61 1.34 0.00	19.39 1.21 0.00	22.75 1.39 0.00	23.83 1.79 0.00	30.54 2.44 0.00	22.64 2.04 0.00	22.82 1.93 0.00	25.30 2.06 0.00	25.10 2.04 0.00	25.92 2.02 0.00	24.92 2.02 0.00	23.49 1.88 0.00	24.07 2.09 0.00	23.27 2.06 0.00	21.58 1.98 0.00	22.31 1.93 0.00	26.79 2.17 0.00	27.63 2.22 -0.49	26.36 2.12 0.00	22.64 1.86 0.00	20.78 1.62 0.00
KIAC_JFK_GT2 23817	21.44 1.53 0.00	19.03 1.34 0.00	18.40 1.34 0.00	18.61 1.34 0.00	19.39 1.21 0.00	22.75 1.39 0.00	23.83 1.79 0.00	30.54 2.44 0.00	22.64 2.04 0.00	22.82 1.93 0.00	25.30 2.06 0.00	25.10 2.04 0.00	25.92 2.02 0.00	24.92 2.02 0.00	23.49 1.88 0.00	24.07 2.09 0.00	23.27 2.06 0.00	21.58 1.98 0.00	22.31 1.93 0.00	26.79 2.17 0.00	27.63 2.22 -0.49	26.36 2.12 0.00	22.64 1.86 0.00	20.78 1.62 0.00
KIAC_JFK____ 323774	21.44 1.53 0.00	19.03 1.34 0.00	18.40 1.34 0.00	18.61 1.34 0.00	19.39 1.21 0.00	22.75 1.39 0.00	23.83 1.79 0.00	30.54 2.44 0.00	22.64 2.04 0.00	22.82 1.93 0.00	25.30 2.06 0.00	25.10 2.04 0.00	25.92 2.02 0.00	24.92 2.02 0.00	23.49 1.88 0.00	24.07 2.09 0.00	23.27 2.06 0.00	21.58 1.98 0.00	22.31 1.93 0.00	26.79 2.17 0.00	27.63 2.22 -0.49	26.36 2.12 0.00	22.64 1.86 0.00	20.78 1.62 0.00
KINTIGH____ 23543	19.78 -0.13 0.00	17.44 -0.25 0.00	16.81 -0.25 0.00	16.31 -0.41 0.55	17.58 -0.44 0.15	20.26 -0.51 0.59	14.66 -0.46 6.93	23.30 -0.30 4.50	18.26 -0.11 2.23	20.18 -0.31 0.40	20.39 -0.36 2.50	22.73 -0.33 0.00	23.56 -0.21 0.13	22.36 -0.28 0.27	21.32 -0.28 0.00	21.54 -0.44 0.00	20.62 -0.59 0.00	15.74 -0.35 3.51	14.72 -0.54 5.11	18.20 -0.63 5.78	18.48 -0.66 5.78	17.79 -0.72 5.73	14.02 -0.88 5.88	15.00 -0.73 3.42
KNTFSRNC_46_KV_46KV_LOAD 80397	19.96 0.06 0.00	17.72 0.03 0.00	17.08 0.02 0.00	17.40 0.13 0.00	18.38 0.21 0.00	21.65 0.30 0.00	22.32 0.28 0.00	28.42 0.33 0.00	20.92 0.31 0.00	21.47 0.58 0.00	23.83 0.58 0.00	23.41 0.35 0.00	23.90 0.00 0.00	22.89 0.00 0.00	21.50 -0.10 0.00	21.94 -0.05 0.00	21.08 -0.13 0.00	19.58 -0.02 0.00	20.50 0.13 0.00	24.96 0.35 0.00	25.34 0.41 0.00	24.38 0.14 0.00	20.83 0.05 0.00	19.26 0.10 0.00

LACHUTE____HYDRO 323717	22.03 2.12 0.00	19.60 1.91 0.00	18.91 1.85 0.00	19.14 1.88 0.00	20.14 1.96 0.00	23.86 2.51 0.00	25.05 3.01 0.00	31.91 3.82 0.00	23.17 2.56 0.00	23.11 2.22 0.00	25.52 2.27 0.00	25.27 2.21 0.00	26.17 2.27 0.00	24.98 2.08 0.00	23.44 1.84 0.00	24.06 2.08 0.00	23.55 2.34 0.00	22.15 2.56 0.00	23.08 2.71 0.00	27.79 3.18 0.00	28.84 3.29 -0.63	27.21 2.98 0.00	22.87 2.09 0.00	21.11 1.95 0.00
LAWRNCV_115KV_TB1 80681	19.44 -0.46 0.00	17.24 -0.46 0.00	16.60 -0.47 0.00	16.84 -0.43 0.00	17.84 -0.34 0.00	20.91 -0.45 0.00	21.20 -0.84 0.00	26.97 -1.12 0.00	19.50 -1.10 0.00	20.17 -0.72 0.00	22.45 -0.80 0.00	22.38 -0.69 0.00	23.22 -0.68 0.00	22.19 -0.71 0.00	20.93 -0.67 0.00	21.26 -0.72 0.00	20.30 -0.91 0.00	18.69 -0.92 -0.01	19.53 -0.85 -0.02	23.68 -0.95 -0.02	24.00 -0.95 -0.03	23.35 -0.90 -0.02	20.24 -0.55 -0.02	18.68 -0.48 -0.01
LEDERLE____ 23769	21.35 1.45 0.00	18.96 1.27 0.00	18.33 1.27 0.00	18.57 1.28 -0.02	19.43 1.25 -0.01	22.89 1.51 -0.02	24.27 1.95 -0.28	30.91 2.63 -0.18	22.79 2.10 -0.09	22.83 1.93 -0.02	25.44 2.09 -0.10	25.13 2.07 0.00	26.02 2.11 -0.01	24.95 2.04 -0.01	23.44 1.84 0.00	23.98 2.00 0.00	23.21 2.00 0.00	21.80 2.00 -0.20	22.69 2.03 -0.29	27.23 2.30 -0.33	28.12 2.38 -0.82	26.80 2.24 -0.33	22.88 1.77 -0.33	20.88 1.53 -0.19
LIGHTHSE_115KV_TB6 355974	19.69 -0.21 0.00	17.34 -0.36 0.00	16.69 -0.38 0.00	16.83 -0.44 0.00	17.78 -0.40 0.00	20.92 -0.43 0.01	21.67 -0.36 0.02	27.71 -0.38 0.01	20.25 -0.34 0.00	20.34 -0.55 0.00	22.56 -0.70 -0.01	22.39 -0.68 0.00	23.24 -0.66 0.00	22.31 -0.59 0.00	20.99 -0.61 0.00	21.33 -0.66 0.00	20.62 -0.59 0.00	19.24 -0.40 -0.04	20.07 -0.35 -0.06	24.39 -0.29 -0.06	24.81 -0.22 -0.11	24.05 -0.25 -0.06	20.59 -0.25 -0.06	18.90 -0.26 -0.01
LINDEN COGEN____ 23786	21.36 1.46 0.00	18.97 1.28 0.00	18.35 1.28 0.00	18.56 1.29 0.00	19.41 1.24 0.00	22.81 1.46 0.00	23.91 1.87 0.00	30.57 2.48 0.00	22.66 2.06 0.00	22.84 1.95 0.00	25.31 2.06 0.00	25.10 2.03 0.00	25.95 2.05 0.00	24.90 2.01 0.00	23.44 1.84 0.00	24.02 2.04 0.00	23.23 2.02 0.00	21.62 2.02 0.00	22.36 1.99 0.00	26.87 2.26 -0.49	27.75 2.33 0.00	26.45 2.22 0.00	22.55 1.76 0.00	20.68 1.52 0.00
LINDHRST_69_KV_BK1 356055	48.18 2.14 -26.13	19.54 1.85 0.00	18.88 1.82 0.00	19.11 1.82 -0.02	19.96 1.78 -0.01	23.48 2.10 -0.02	25.05 2.65 -0.36	31.85 3.58 -0.17	23.36 2.67 -0.08	23.33 2.42 -0.02	26.38 2.71 -0.42	28.12 2.71 -2.34	33.35 2.68 -6.77	46.61 2.70 -21.01	36.19 2.51 -12.07	60.14 2.70 -35.45	35.98 2.70 -12.07	88.73 2.65 -66.48	34.37 2.69 -11.30	61.46 3.05 -33.80	38.49 3.14 -10.43	27.53 2.98 -0.32	23.56 2.45 -0.33	21.43 2.08 -0.19
LIPA_MISC_IPP 23656	48.08 2.04 -26.13	19.46 1.77 0.00	18.81 1.74 0.00	19.04 1.75 -0.02	19.87 1.68 -0.01	23.33 1.95 -0.02	24.85 2.45 -0.36	31.56 3.28 -0.17	23.10 2.41 -0.08	22.98 2.07 -0.02	25.86 2.19 -0.42	27.55 2.15 -2.34	32.77 2.10 -6.77	46.07 2.16 -21.01	35.71 2.04 -12.07	59.67 2.24 -35.45	35.58 2.29 -12.07	88.37 2.29 -66.48	34.04 2.37 -11.30	61.05 2.63 -33.80	38.06 2.71 -10.43	27.12 2.57 -0.32	23.24 2.14 -0.33	21.14 1.80 -0.19
LISF____SOLAR 323691	48.11 2.07 -26.13	19.48 1.80 0.00	18.82 1.76 0.00	19.04 1.78 0.00	19.88 1.71 0.00	23.34 1.98 0.00	24.59 2.46 -0.08	31.41 3.31 0.00	23.00 2.40 0.00	22.95 2.06 0.00	25.74 2.17 -0.32	27.53 2.13 -2.34	32.76 2.09 -6.77	46.04 2.15 -21.00	35.69 2.01 -12.07	59.67 2.24 -35.45	35.58 2.29 -12.07	88.16 2.28 -66.28	33.73 2.34 -11.02	60.73 2.63 -33.48	37.74 2.72 -10.10	26.80 2.57 0.00	22.91 2.12 0.00	20.93 1.78 0.00
LITTLE FALLS____HYD 24013	19.89 -0.02 0.00	17.72 0.03 0.00	17.14 0.08 0.00	17.37 0.10 0.00	18.16 -0.01 0.00	21.38 0.02 0.00	22.53 0.46 -0.02	28.50 0.38 -0.02	20.80 0.19 -0.01	20.80 -0.09 0.00	22.89 -0.37 -0.01	22.66 -0.41 0.00	23.38 -0.52 0.00	22.33 -0.57 0.00	21.00 -0.60 0.00	21.54 -0.44 0.00	21.05 -0.16 0.00	19.75 0.13 -0.02	20.66 0.26 -0.03	24.95 0.31 -0.03	25.31 0.34 -0.04	24.51 0.25 -0.03	20.72 -0.10 -0.03	18.90 -0.27 -0.02
LITTLRIV_115KV_TB1 356100	19.64 -0.26 0.00	17.42 -0.27 0.00	16.77 -0.29 0.00	17.02 -0.24 0.00	18.04 -0.13 0.00	21.15 -0.20 0.00	21.45 -0.59 0.00	27.24 -0.86 0.00	19.67 -0.93 0.00	20.32 -0.57 0.00	22.62 -0.64 0.00	22.53 -0.53 0.00	23.42 -0.48 0.00	22.35 -0.55 0.00	21.08 -0.52 0.00	21.42 -0.57 0.00	20.45 -0.76 0.00	18.84 -0.77 -0.01	19.70 -0.69 -0.02	23.91 -0.73 -0.02	24.22 -0.72 -0.03	23.57 -0.68 -0.02	20.42 -0.38 -0.02	18.84 -0.32 -0.01
LI_NEWBRDGE____DRP 323616	47.87 1.83 -26.13	19.28 1.59 0.00	18.64 1.58 0.00	18.87 1.58 -0.02	19.70 1.52 -0.01	23.18 1.80 -0.02	24.70 2.30 -0.36	31.36 3.09 -0.17	23.02 2.33 -0.08	23.02 2.11 -0.02	26.05 2.38 -0.42	27.79 2.38 -2.34	33.05 2.37 -6.77	46.26 2.36 -21.01	35.86 2.19 -12.07	59.78 2.35 -35.45	35.63 2.35 -12.07	88.41 2.33 -66.48	34.03 2.36 -11.30	61.07 2.66 -33.80	38.09 2.73 -10.43	27.14 2.58 -0.32	23.21 2.10 -0.33	21.14 1.79 -0.19
LOCKPORT_115KV_TB60_63_64 80432	19.76 -0.14 0.00	17.38 -0.31 0.00	16.74 -0.33 0.00	16.03 -0.47 0.77	17.42 -0.52 0.24	19.96 -0.58 0.81	11.92 -0.43 9.69	21.88 -0.23 5.99	17.55 -0.04 3.02	19.94 -0.38 0.57	19.40 -0.35 3.50	22.62 -0.45 0.00	23.40 -0.32 0.18	22.18 -0.34 0.38	21.22 -0.39 0.00	21.40 -0.58 0.00	20.47 -0.74 0.00	14.10 -0.32 5.17	12.32 -0.51 7.54	15.52 -0.57 8.52	15.77 -0.60 8.55	15.11 -0.69 8.44	11.26 -0.90 8.62	13.45 -0.73 4.98
LOCKPORT____CC1 323769	19.76 -0.14 0.00	17.38 -0.31 0.00	16.74 -0.32 0.00	15.97 -0.48 0.82	17.32 -0.52 0.34	19.31 -0.60 1.45	11.29 -0.34 10.41	15.77 -0.23 12.09	14.41 -0.03 6.17	19.91 -0.38 0.60	19.15 -0.36 3.74	22.63 -0.44 0.00	23.42 -0.29 0.19	22.06 -0.34 0.49	21.29 -0.31 0.00	21.40 -0.58 0.00	20.47 -0.74 0.00	13.75 -0.29 5.55	11.89 -0.39 8.09	14.87 -0.58 9.16	15.12 -0.60 9.20	14.45 -0.71 9.07	10.13 -0.86 9.78	10.67 -0.70 7.78
LOCKPORT____CC2 323770	19.76 -0.14 0.00	17.38 -0.31 0.00	16.74 -0.32 0.00	15.97 -0.48 0.82	17.32 -0.52 0.34	19.31 -0.60 1.45	11.29 -0.34 10.41	15.77 -0.23 12.09	14.41 -0.03 6.17	19.91 -0.38 0.60	19.15 -0.36 3.74	22.63 -0.44 0.00	23.42 -0.29 0.19	22.06 -0.34 0.49	21.29 -0.31 0.00	21.40 -0.58 0.00	20.47 -0.74 0.00	13.75 -0.29 5.55	11.89 -0.39 8.09	14.87 -0.58 9.16	15.12 -0.60 9.20	14.45 -0.71 9.07	10.13 -0.86 9.78	10.67 -0.70 7.78
LOCKPORT____CC3 323771	19.76 -0.14 0.00	17.38 -0.31 0.00	16.74 -0.32 0.00	15.97 -0.48 0.82	17.32 -0.52 0.34	19.31 -0.60 1.45	11.29 -0.34 10.41	15.77 -0.23 12.09	14.41 -0.03 6.17	19.91 -0.38 0.60	19.15 -0.36 3.74	22.63 -0.44 0.00	23.42 -0.29 0.19	22.06 -0.34 0.49	21.29 -0.31 0.00	21.40 -0.58 0.00	20.47 -0.74 0.00	13.75 -0.29 5.55	11.89 -0.39 8.09	14.87 -0.58 9.16	15.12 -0.60 9.20	14.45 -0.71 9.07	10.13 -0.86 9.78	10.67 -0.70 7.78

LONG_LAKE_PHOENIX 24014	19.63 -0.28 0.00	17.39 -0.30 0.00	16.77 -0.29 0.00	16.94 -0.33 0.00	17.83 -0.34 0.00	20.99 -0.36 0.01	21.78 -0.24 0.02	27.79 -0.28 0.03	20.37 -0.22 0.01	20.56 -0.33 0.00	22.88 -0.37 0.00	22.72 -0.34 0.00	23.56 -0.34 0.00	22.59 -0.31 0.00	21.29 -0.31 0.00	21.67 -0.31 0.00	20.92 -0.29 0.00	19.45 -0.18 -0.04	20.19 -0.24 -0.06	24.39 -0.28 -0.06	24.75 -0.28 -0.11	23.99 -0.31 -0.06	20.54 -0.31 -0.06	18.88 -0.28 -0.01
LOVETT___3 23632	21.27 1.37 0.00	18.89 1.20 0.00	18.27 1.20 0.00	18.51 1.22 -0.02	19.36 1.18 -0.01	22.80 1.42 -0.02	24.16 1.84 -0.28	30.70 2.42 -0.18	22.64 1.95 -0.09	22.68 1.77 -0.02	25.25 1.90 -0.10	24.96 1.89 0.00	25.82 1.91 -0.01	24.76 1.86 -0.01	23.33 1.72 0.00	23.87 1.88 0.00	23.10 1.89 0.00	21.70 1.90 -0.20	22.58 1.92 -0.29	27.10 2.17 -0.33	27.99 2.24 -0.82	26.68 2.12 -0.33	22.78 1.67 -0.33	20.79 1.45 -0.19
LOVETT___4 23642	21.27 1.37 0.00	18.89 1.20 0.00	18.27 1.20 0.00	18.51 1.22 -0.02	19.36 1.18 -0.01	22.80 1.42 -0.02	24.16 1.84 -0.28	30.70 2.42 -0.18	22.64 1.95 -0.09	22.68 1.77 -0.02	25.25 1.90 -0.10	24.96 1.89 0.00	25.82 1.91 -0.01	24.76 1.86 -0.01	23.33 1.72 0.00	23.87 1.88 0.00	23.10 1.89 0.00	21.70 1.90 -0.20	22.58 1.92 -0.29	27.10 2.17 -0.33	27.99 2.24 -0.82	26.68 2.12 -0.33	22.78 1.67 -0.33	20.79 1.45 -0.19
LOVETT___5 23593	21.27 1.37 0.00	18.89 1.20 0.00	18.27 1.20 0.00	18.51 1.22 -0.02	19.36 1.18 -0.01	22.80 1.42 -0.02	24.16 1.84 -0.28	30.70 2.42 -0.18	22.64 1.95 -0.09	22.68 1.77 -0.02	25.25 1.90 -0.10	24.96 1.89 0.00	25.82 1.91 -0.01	24.76 1.86 -0.01	23.33 1.72 0.00	23.87 1.88 0.00	23.10 1.89 0.00	21.70 1.90 -0.20	22.58 1.92 -0.29	27.10 2.17 -0.33	27.99 2.24 -0.82	26.68 2.12 -0.33	22.78 1.67 -0.33	20.79 1.45 -0.19
LOWER RAQUET___HYD 24057	19.31 -0.59 0.00	17.11 -0.58 0.00	16.48 -0.59 0.00	16.72 -0.55 0.00	17.71 -0.46 0.00	20.78 -0.58 0.00	21.06 -0.99 0.00	26.81 -1.29 0.00	19.38 -1.23 0.00	20.04 -0.85 0.00	22.28 -0.97 0.00	22.21 -0.86 0.00	23.03 -0.87 0.00	22.01 -0.89 0.00	20.76 -0.84 0.00	21.08 -0.90 0.00	20.14 -1.07 0.00	18.54 -1.06 0.00	19.37 -1.00 0.00	23.51 -1.10 0.00	23.82 -1.11 0.00	23.17 -1.06 0.00	20.09 -0.70 0.00	18.55 -0.61 0.00
LOWER___HUDSON 24059	20.90 1.00 0.00	18.63 0.94 0.00	18.00 0.93 0.00	18.23 0.96 0.00	19.08 0.90 0.00	22.50 1.15 0.00	23.43 1.39 0.00	29.77 1.67 0.00	21.80 1.20 0.00	21.82 0.92 0.00	24.20 0.95 0.00	24.03 0.96 0.00	24.82 0.92 0.00	23.79 0.89 0.00	22.40 0.80 0.00	22.96 0.98 0.00	22.35 1.14 0.00	20.71 1.12 0.00	21.60 1.22 0.00	26.01 1.40 0.00	27.05 1.52 -0.61	25.60 1.36 0.00	21.77 0.99 0.00	20.04 0.88 0.00
LOWVILLE_115KV_TB2 356335	20.01 0.11 0.00	17.33 -0.36 0.00	16.64 -0.42 0.00	16.78 -0.49 0.00	17.82 -0.35 0.00	21.05 -0.31 0.00	21.85 -0.23 -0.04	28.02 -0.12 -0.04	20.38 -0.25 -0.02	20.43 -0.47 0.00	22.41 -0.86 -0.02	22.15 -0.92 0.00	23.05 -0.86 0.00	22.16 -0.74 0.00	20.75 -0.85 0.00	21.12 -0.86 0.00	20.51 -0.70 0.00	19.15 -0.50 -0.05	20.13 -0.31 -0.07	24.49 -0.20 -0.08	24.90 -0.13 -0.10	24.15 -0.16 -0.08	20.77 -0.09 -0.08	19.05 -0.15 -0.05
LUTHERFT_115KV_GLOB_FND_222 355753	21.08 1.17 0.00	18.77 1.08 0.00	18.12 1.06 0.00	18.36 1.08 -0.02	19.26 1.08 0.00	22.73 1.36 -0.02	23.89 1.65 -0.20	30.28 2.06 -0.13	22.10 1.44 -0.06	22.11 1.20 -0.01	24.55 1.23 -0.08	24.30 1.23 0.00	25.10 1.19 0.00	24.08 1.17 -0.01	22.66 1.05 0.00	23.19 1.20 0.00	22.56 1.36 0.00	21.12 1.38 -0.15	22.07 1.48 -0.21	26.57 1.72 -0.24	27.61 1.82 -0.87	26.15 1.68 -0.24	22.30 1.27 -0.24	20.42 1.13 -0.14
LUTHERNY_35_KV_BK2 355980	21.09 1.18 0.00	18.77 1.08 0.00	18.13 1.07 0.00	18.38 1.10 -0.02	19.30 1.12 0.00	22.75 1.37 -0.02	23.90 1.66 -0.20	30.29 2.07 -0.13	22.09 1.43 -0.06	22.11 1.20 -0.01	24.57 1.24 -0.08	24.30 1.24 0.00	25.11 1.20 0.00	24.09 1.18 -0.01	22.66 1.05 0.00	23.19 1.20 0.00	22.58 1.37 0.00	21.14 1.40 -0.15	22.08 1.50 -0.21	26.59 1.73 -0.24	27.63 1.84 -0.87	26.17 1.70 -0.24	22.32 1.29 -0.24	20.42 1.13 -0.14
LWR___OSWEGATCHIE_HYD 23850	19.48 -0.42 0.00	17.06 -0.63 0.00	16.41 -0.65 0.00	16.59 -0.68 0.00	17.61 -0.57 0.00	20.71 -0.64 0.00	21.14 -0.92 -0.01	26.99 -1.12 -0.01	19.55 -1.06 0.00	19.98 -0.91 0.00	22.11 -1.15 -0.01	21.97 -1.09 0.00	22.77 -1.13 0.00	21.85 -1.05 0.00	20.57 -1.03 0.00	20.89 -1.09 0.00	20.08 -1.13 0.00	18.59 -1.03 -0.02	19.49 -0.92 -0.03	23.68 -0.97 -0.04	24.02 -0.95 -0.05	23.35 -0.92 -0.04	20.19 -0.63 -0.04	18.58 -0.59 -0.02
LYONS_FALL_HYD 23570	20.10 0.20 0.00	17.57 -0.12 0.00	16.90 -0.16 0.00	17.06 -0.21 0.00	18.06 -0.11 0.00	21.30 -0.05 0.00	22.08 0.03 0.00	28.24 0.14 0.00	20.60 0.00 0.00	20.72 -0.17 0.00	22.83 -0.42 0.00	22.59 -0.48 0.00	23.50 -0.41 0.00	22.53 -0.37 0.00	21.15 -0.45 0.00	21.54 -0.44 0.00	20.88 -0.32 0.00	19.42 -0.18 0.00	20.31 -0.06 0.00	24.65 0.04 0.00	25.03 0.09 -0.02	24.28 0.04 0.00	20.83 0.05 0.00	19.14 -0.01 0.00
MADISON___COUNTY_LFGE 323628	20.37 0.46 0.00	18.02 0.33 0.00	17.37 0.31 0.00	17.57 0.29 -0.01	18.51 0.33 0.00	21.84 0.47 -0.02	22.83 0.63 -0.14	29.03 0.85 -0.09	21.20 0.55 -0.04	21.29 0.39 -0.01	23.69 0.37 -0.06	23.41 0.34 0.00	24.33 0.43 0.00	23.23 0.33 -0.01	21.87 0.27 0.00	22.32 0.34 0.00	21.60 0.40 0.00	20.19 0.47 -0.12	21.05 0.50 -0.18	25.44 0.62 -0.20	25.80 0.63 -0.24	24.98 0.54 -0.20	21.39 0.40 -0.21	19.59 0.32 -0.11
MALONE___115KV_TB1 356076	19.79 -0.12 0.00	17.55 -0.14 0.00	16.91 -0.15 0.00	17.23 -0.04 0.00	18.24 0.06 0.00	21.44 0.08 0.00	22.00 -0.04 0.00	28.08 -0.02 0.00	20.58 -0.02 0.00	21.17 0.28 0.00	23.50 0.25 0.00	23.18 0.12 0.00	23.79 -0.12 0.00	22.74 -0.15 0.00	21.40 -0.20 0.00	21.78 -0.20 0.00	20.91 -0.31 0.00	19.32 -0.27 0.00	20.21 -0.16 0.00	24.57 -0.04 0.00	24.92 0.00 0.00	24.09 -0.15 0.00	20.66 -0.12 0.00	19.09 -0.07 0.00
MAPLEWOD_115KV_TB3 80458	20.92 1.02 0.00	18.65 0.96 0.00	18.01 0.95 0.00	18.26 0.97 -0.02	19.09 0.92 -0.01	22.54 1.16 -0.02	23.67 1.42 -0.21	29.99 1.76 -0.13	21.94 1.27 -0.07	21.90 0.99 -0.01	24.36 1.03 -0.08	24.11 1.05 0.00	24.90 1.00 0.00	23.88 0.97 -0.01	22.47 0.87 0.00	23.02 1.04 0.00	22.42 1.21 0.00	20.93 1.19 -0.15	21.88 1.30 -0.22	26.33 1.47 -0.25	27.37 1.59 -0.86	25.89 1.42 -0.24	22.05 1.02 -0.25	20.20 0.90 -0.14
MAPLE RIDGE_WT_1 323574	19.51 -0.40 0.00	17.05 -0.64 0.00	16.42 -0.65 0.00	16.64 -0.62 0.00	17.65 -0.52 0.00	20.74 -0.62 0.00	21.21 -0.83 0.00	27.31 -0.79 0.00	20.20 -0.40 0.00	20.43 -0.45 0.00	22.61 -0.64 0.00	22.41 -0.65 0.00	23.29 -0.61 0.00	22.40 -0.50 0.00	21.11 -0.49 0.00	21.39 -0.59 0.00	20.59 -0.62 0.00	19.06 -0.53 0.00	19.85 -0.52 0.00	24.10 -0.51 0.00	24.37 -0.55 0.00	23.70 -0.53 0.00	20.46 -0.32 0.00	18.78 -0.38 0.00

MAPLE_RIDGE_WT_2 323611	19.51 -0.40 0.00	17.05 -0.64 0.00	16.42 -0.65 0.00	16.64 -0.62 0.00	17.65 -0.52 0.00	20.74 -0.62 0.00	21.21 -0.83 0.00	27.31 -0.79 0.00	20.20 -0.40 0.00	20.43 -0.45 0.00	22.61 -0.64 0.00	22.41 -0.65 0.00	23.29 -0.61 0.00	22.40 -0.50 0.00	21.11 -0.49 0.00	21.39 -0.59 0.00	20.59 -0.62 0.00	19.06 -0.53 0.00	19.85 -0.52 0.00	24.10 -0.51 0.00	24.37 -0.55 0.00	23.70 -0.53 0.00	20.46 -0.32 0.00	18.78 -0.38 0.00
MARBLE_RIVER_WT_PWR 323696	19.75 -0.15 0.00	17.53 -0.16 0.00	16.90 -0.16 0.00	17.23 -0.04 0.00	18.20 0.03 0.00	21.43 0.07 0.00	22.04 0.00 0.00	28.12 0.02 0.00	20.70 0.10 0.00	21.27 0.38 0.00	23.63 0.38 0.00	23.25 0.19 0.00	23.76 -0.15 0.00	22.76 -0.14 0.00	21.38 -0.23 0.00	21.79 -0.19 0.00	20.93 -0.28 0.00	19.38 -0.21 0.00	20.26 -0.11 0.00	24.66 0.05 0.00	25.00 0.08 0.00	24.10 -0.13 0.00	20.61 -0.17 0.00	19.05 -0.11 0.00
MARSHVLE_115KV_TB1 80742	21.11 1.20 0.00	18.68 1.00 0.00	18.03 0.97 0.00	18.23 0.94 -0.02	19.25 1.06 -0.01	22.67 1.29 -0.03	23.75 1.41 -0.30	30.33 2.04 -0.19	22.16 1.46 -0.10	22.29 1.38 -0.02	24.83 1.47 -0.11	24.31 1.25 0.00	25.30 1.39 -0.01	24.32 1.41 -0.01	23.00 1.40 0.00	23.32 1.33 0.00	22.57 1.36 0.00	21.16 1.35 -0.21	22.04 1.36 -0.31	26.67 1.71 -0.35	27.76 1.75 -1.09	26.28 1.69 -0.35	22.56 1.42 -0.36	20.63 1.27 -0.20
MARSH_HILL_WT_PWR 323713	19.87 -0.03 0.00	17.43 -0.26 0.00	16.78 -0.28 0.00	19.95 -0.28 -2.97	19.25 -0.16 -1.23	26.58 -0.02 -5.24	59.98 0.38 -37.56	72.77 0.70 -43.97	43.42 0.45 -22.38	23.33 0.24 -2.19	37.04 0.18 -13.61	23.08 0.01 0.00	24.51 -0.10 -0.71	24.78 0.08 -1.80	21.83 0.23 0.00	21.89 -0.09 0.00	20.69 -0.51 0.00	41.86 -0.44 -22.70	52.86 -0.62 -33.11	61.32 -0.78 -37.48	62.20 -0.81 -38.09	60.40 -0.98 -37.13	60.16 -0.73 -40.11	50.18 -0.82 -31.85
MCINTYRE_115KV_TB2 80467	19.89 -0.01 0.00	17.67 -0.02 0.00	17.01 -0.05 0.00	17.27 0.00 0.00	18.30 0.12 0.00	21.46 0.10 0.00	21.76 -0.28 0.00	27.63 -0.46 0.00	19.94 -0.66 0.00	20.62 -0.27 0.00	22.96 -0.29 0.00	22.88 -0.18 0.00	23.76 -0.15 0.00	22.69 -0.21 0.00	21.41 -0.19 0.00	21.74 -0.24 0.00	20.77 -0.44 0.00	19.14 -0.47 -0.01	20.00 -0.38 -0.02	24.26 -0.37 -0.02	24.58 -0.37 -0.03	23.93 -0.32 -0.02	20.72 -0.08 -0.02	19.12 -0.05 -0.01
MECO____69_KV_BK1 80468	21.78 1.87 0.00	19.29 1.60 0.00	18.59 1.53 0.00	18.82 1.54 -0.02	19.84 1.66 -0.01	23.47 2.09 -0.02	24.65 2.34 -0.27	31.15 2.88 -0.17	22.42 1.73 -0.08	22.39 1.48 -0.02	24.78 1.43 -0.10	24.25 1.19 0.00	25.20 1.29 0.00	24.14 1.23 -0.01	22.82 1.22 0.00	23.40 1.41 0.00	22.95 1.74 0.00	21.60 1.81 -0.19	22.58 1.93 -0.28	27.33 2.40 -0.31	28.39 2.45 -1.02	26.87 2.32 -0.31	22.98 1.88 -0.32	21.00 1.66 -0.18
MENANDS__115KV_TB5 355628	20.67 0.77 0.00	18.46 0.77 0.00	17.84 0.78 0.00	18.08 0.80 -0.02	18.92 0.74 -0.01	22.31 0.93 -0.02	23.43 1.18 -0.20	29.68 1.45 -0.13	21.74 1.07 -0.07	21.72 0.82 -0.01	24.18 0.86 -0.08	23.95 0.88 0.00	24.72 0.81 0.00	23.68 0.77 -0.01	22.27 0.67 0.00	22.81 0.83 0.00	22.17 0.97 0.00	20.69 0.94 -0.15	21.61 1.02 -0.22	25.99 1.13 -0.25	27.00 1.22 -0.86	25.56 1.08 -0.24	21.77 0.74 -0.25	19.93 0.63 -0.14
MG INDUSTRY__DRP 24185	20.64 0.73 0.00	18.41 0.72 0.00	17.79 0.73 0.00	18.03 0.74 -0.02	18.89 0.71 -0.01	22.27 0.89 -0.02	23.37 1.12 -0.21	29.59 1.36 -0.13	21.63 0.96 -0.07	21.64 0.74 -0.01	24.11 0.78 -0.08	23.87 0.80 0.00	24.68 0.77 0.00	23.63 0.72 -0.01	22.25 0.65 0.00	22.77 0.79 0.00	22.09 0.88 0.00	20.64 0.89 -0.16	21.54 0.95 -0.23	25.96 1.09 -0.25	26.90 1.13 -0.84	25.54 1.06 -0.25	21.82 0.78 -0.26	19.98 0.67 -0.15
MID__OSWEGATCHIE_HYD 23849	19.48 -0.42 0.00	17.06 -0.63 0.00	16.41 -0.65 0.00	16.59 -0.68 0.00	17.61 -0.57 0.00	20.71 -0.64 0.00	21.14 -0.92 -0.01	26.99 -1.12 -0.01	19.55 -1.06 0.00	19.98 -0.91 0.00	22.11 -1.15 -0.01	21.97 -1.09 0.00	22.77 -1.13 0.00	21.85 -1.05 0.00	20.57 -1.03 0.00	20.89 -1.09 0.00	20.08 -1.13 0.00	18.59 -1.03 -0.02	19.49 -0.92 -0.03	23.68 -0.97 -0.04	24.02 -0.95 -0.05	23.35 -0.92 -0.04	20.19 -0.63 -0.04	18.58 -0.59 -0.02
MID__RAQUETTE_HYD 23851	19.31 -0.59 0.00	17.11 -0.58 0.00	16.47 -0.59 0.00	16.72 -0.55 0.00	17.71 -0.46 0.00	20.78 -0.58 0.00	21.06 -0.98 0.00	26.81 -1.29 0.00	19.38 -1.22 0.00	20.04 -0.85 0.00	22.29 -0.97 0.00	22.21 -0.86 0.00	23.03 -0.87 0.00	22.01 -0.89 0.00	20.76 -0.84 0.00	21.09 -0.90 0.00	20.14 -1.07 0.00	18.55 -1.06 -0.01	19.40 -0.99 -0.02	23.53 -1.10 -0.02	23.85 -1.10 -0.03	23.19 -1.07 -0.02	20.11 -0.69 -0.02	18.56 -0.61 -0.01
MILLIKEN__1 23584	20.43 0.52 0.00	18.10 0.41 0.00	17.48 0.42 0.00	17.88 0.40 -0.21	18.65 0.41 -0.06	22.13 0.55 -0.22	25.48 0.80 -2.64	30.85 1.10 -1.65	22.17 0.75 -0.81	21.61 0.57 -0.15	24.81 0.58 -0.97	23.57 0.51 0.00	24.56 0.61 -0.05	23.58 0.57 -0.11	22.20 0.60 0.00	22.63 0.65 0.00	21.83 0.61 0.00	22.01 0.71 -1.71	23.52 0.66 -2.49	28.26 0.83 -2.81	28.71 0.83 -2.96	27.77 0.75 -2.79	24.15 0.52 -2.86	21.23 0.43 -1.63
MILLIKEN__2 23585	20.43 0.52 0.00	18.10 0.41 0.00	17.48 0.42 0.00	17.88 0.40 -0.21	18.65 0.41 -0.06	22.13 0.55 -0.22	25.48 0.80 -2.64	30.85 1.10 -1.65	22.17 0.75 -0.81	21.61 0.57 -0.15	24.81 0.58 -0.97	23.57 0.51 0.00	24.56 0.61 -0.05	23.58 0.57 -0.11	22.20 0.60 0.00	22.63 0.65 0.00	21.83 0.61 0.00	22.01 0.71 -1.71	23.52 0.66 -2.49	28.26 0.83 -2.81	28.71 0.83 -2.96	27.77 0.75 -2.79	24.15 0.52 -2.86	21.23 0.43 -1.63
MILLIKEN__DIESEL 23629	20.43 0.52 0.00	18.10 0.41 0.00	17.48 0.42 0.00	17.88 0.40 -0.21	18.65 0.41 -0.06	22.13 0.55 -0.22	25.48 0.80 -2.64	30.85 1.10 -1.65	22.17 0.75 -0.81	21.61 0.57 -0.15	24.81 0.58 -0.97	23.57 0.51 0.00	24.56 0.61 -0.05	23.58 0.57 -0.11	22.20 0.60 0.00	22.63 0.65 0.00	21.83 0.61 0.00	22.01 0.71 -1.71	23.52 0.66 -2.49	28.26 0.83 -2.81	28.71 0.83 -2.96	27.77 0.75 -2.79	24.15 0.52 -2.86	21.23 0.43 -1.63
MILLSEAT__LFGE 323607	20.52 0.62 0.00	18.06 0.37 0.00	17.40 0.34 0.00	16.93 0.19 0.54	18.18 0.22 0.22	20.76 0.34 0.94	15.94 0.65 6.76	21.31 1.06 7.84	17.42 0.82 4.00	20.97 0.47 0.39	21.31 0.48 2.42	23.53 0.46 0.00	24.42 0.64 0.12	23.17 0.59 0.32	22.21 0.61 0.00	22.37 0.38 0.00	21.42 0.21 0.00	16.77 0.56 3.38	15.91 0.46 4.92	19.55 0.51 5.57	19.88 0.53 5.57	19.08 0.36 5.52	14.88 0.04 5.95	14.51 0.09 4.73
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.33 1.43 0.00	18.95 1.26 0.00	18.32 1.26 0.00	18.56 1.27 -0.02	19.41 1.23 -0.01	22.85 1.47 -0.02	24.21 1.89 -0.27	30.76 2.49 -0.17	22.69 2.00 -0.09	22.74 1.83 -0.02	25.32 1.97 -0.10	25.02 1.96 0.00	25.88 1.97 0.00	24.84 1.93 -0.01	23.39 1.79 0.00	23.93 1.95 0.00	23.17 1.96 0.00	21.76 1.97 -0.20	22.64 1.99 -0.28	27.17 2.23 -0.32	28.05 2.31 -0.82	26.73 2.18 -0.32	22.84 1.73 -0.33	20.85 1.51 -0.19

MILLWOOD_13_KV_LOAD 356217	21.37 1.47 0.00	18.98 1.29 0.00	18.36 1.29 0.00	18.59 1.30 -0.02	19.45 1.27 -0.01	22.90 1.52 -0.02	24.26 1.95 -0.27	30.83 2.56 -0.17	22.74 2.06 -0.09	22.79 1.89 -0.02	25.38 2.03 -0.10	25.08 2.02 0.00	25.94 2.04 0.00	24.90 1.99 -0.01	23.44 1.84 0.00	23.99 2.02 0.00	23.23 2.02 0.00	21.82 2.03 -0.20	22.70 2.05 -0.28	27.24 2.30 -0.32	28.12 2.37 -0.82	26.79 2.24 -0.32	22.89 1.79 -0.33	20.90 1.56 -0.19
MODEL_CITY_ENERGY 24167	19.56 -0.34 0.00	17.20 -0.49 0.00	16.56 -0.50 0.00	15.81 -0.65 0.81	17.13 -0.71 0.33	19.11 -0.82 1.42	11.31 -0.53 10.21	15.81 -0.47 11.81	14.36 -0.19 6.05	19.69 -0.61 0.59	19.04 -0.55 3.66	22.36 -0.70 0.00	23.15 -0.56 0.19	21.84 -0.57 0.48	21.04 -0.56 0.00	21.16 -0.82 0.00	20.24 -0.97 0.00	13.72 -0.45 5.43	11.91 -0.54 7.91	14.89 -0.76 8.96	15.14 -0.79 9.00	14.47 -0.89 8.88	10.21 -1.02 9.55	10.70 -0.84 7.61
MODERN_LFGE_ 323580	19.56 -0.34 0.00	17.20 -0.49 0.00	16.56 -0.50 0.00	15.81 -0.65 0.81	17.13 -0.71 0.33	19.11 -0.82 1.42	11.31 -0.53 10.21	15.81 -0.47 11.81	14.36 -0.19 6.05	19.69 -0.61 0.59	19.04 -0.55 3.66	22.36 -0.70 0.00	23.15 -0.56 0.19	21.84 -0.57 0.48	21.04 -0.56 0.00	21.16 -0.82 0.00	20.24 -0.97 0.00	13.72 -0.45 5.43	11.91 -0.54 7.91	14.89 -0.76 8.96	15.14 -0.79 9.00	14.47 -0.89 8.88	10.21 -1.02 9.55	10.70 -0.84 7.61
MOHAWK_PAPER___DRP 24187	20.92 1.02 0.00	18.65 0.96 0.00	18.01 0.95 0.00	18.26 0.97 -0.02	19.09 0.92 -0.01	22.54 1.16 -0.02	23.67 1.42 -0.21	29.99 1.76 -0.13	21.94 1.27 -0.07	21.90 0.99 -0.01	24.36 1.03 -0.08	24.11 1.05 0.00	24.90 1.00 0.00	23.88 0.97 -0.01	22.47 0.87 0.00	23.02 1.04 0.00	22.42 1.21 0.00	20.93 1.19 -0.15	21.88 1.30 -0.22	26.33 1.47 -0.25	27.37 1.59 -0.86	25.89 1.42 -0.24	22.05 1.02 -0.25	20.20 0.90 -0.14
MOHICAN__35_KV_115KV_LD 80490	21.19 1.28 0.00	18.86 1.16 0.00	18.20 1.14 0.00	18.44 1.16 -0.02	19.35 1.17 0.00	22.88 1.51 -0.02	24.12 1.87 -0.20	30.57 2.35 -0.13	22.27 1.60 -0.06	22.25 1.35 -0.01	24.64 1.32 -0.08	24.37 1.31 0.00	25.19 1.28 0.00	24.15 1.25 -0.01	22.67 1.07 0.00	23.23 1.25 0.00	22.64 1.43 0.00	21.28 1.53 -0.15	22.23 1.64 -0.21	26.76 1.91 -0.24	27.82 2.03 -0.87	26.36 1.89 -0.24	22.39 1.37 -0.24	20.51 1.22 -0.14
MONGAUP___HYD 23641	21.27 1.36 0.00	18.89 1.19 0.00	18.25 1.18 0.00	18.46 1.19 0.00	19.35 1.18 0.00	22.78 1.42 0.00	23.90 1.85 0.00	30.31 2.21 0.00	22.43 1.83 0.00	22.47 1.58 0.00	24.87 1.62 0.00	24.69 1.62 0.00	25.62 1.71 0.00	24.53 1.63 0.00	23.12 1.52 0.00	23.68 1.70 0.00	22.95 1.74 0.00	21.41 1.82 0.00	22.19 1.82 0.00	26.55 1.93 0.00	27.41 2.01 -0.47	26.12 1.89 0.00	22.41 1.63 0.00	20.55 1.40 0.00
MONTAUK___DIESEL 23721	48.69 2.65 -26.13	20.01 2.31 0.00	19.34 2.28 0.00	19.58 2.30 -0.02	20.46 2.28 -0.01	24.08 2.70 -0.02	25.69 3.29 -0.36	32.76 4.49 -0.17	23.93 3.25 -0.08	23.75 2.84 -0.02	26.71 3.04 -0.42	28.35 2.94 -2.34	33.44 2.76 -6.77	46.83 2.92 -21.01	36.47 2.79 -12.07	60.47 3.04 -35.45	36.36 3.08 -12.07	89.13 3.06 -66.48	34.86 3.18 -11.30	62.03 3.61 -33.80	39.05 3.69 -10.43	28.08 3.53 -0.32	23.95 2.85 -0.33	21.77 2.42 -0.19
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.15 0.24 0.00	17.66 -0.03 0.00	17.02 -0.04 0.00	16.42 -0.15 0.69	17.86 -0.11 0.20	20.54 -0.07 0.75	13.48 0.22 8.79	23.08 0.81 5.83	18.29 0.69 3.01	20.93 0.59 0.54	20.53 0.64 3.36	23.43 0.36 0.00	23.99 0.26 0.17	22.70 0.16 0.35	21.77 0.17 0.00	21.90 -0.08 0.00	20.82 -0.39 0.00	14.33 -0.07 5.20	12.38 -0.39 7.60	15.58 -0.44 8.60	15.67 -0.63 8.62	15.02 -0.69 8.52	11.24 -0.80 8.74	13.34 -0.69 5.13
MORTIMER_115KV_TB3 55949	20.22 0.31 0.00	17.83 0.15 0.00	17.19 0.13 0.00	17.09 0.00 0.18	18.12 0.00 0.06	21.22 0.06 0.20	19.96 0.15 2.23	27.12 0.48 1.46	20.31 0.43 0.73	21.03 0.27 0.13	22.71 0.26 0.79	23.37 0.30 0.00	24.27 0.41 0.04	23.18 0.37 0.09	21.95 0.34 0.00	22.19 0.21 0.00	21.28 0.07 0.00	19.09 0.20 0.70	19.41 0.06 1.02	23.55 0.10 1.15	23.92 0.10 1.10	23.09 0.00 1.14	19.38 -0.23 1.17	18.30 -0.17 0.68
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.45 1.55 0.00	19.05 1.36 0.00	18.41 1.35 0.00	18.65 1.36 -0.02	19.51 1.33 -0.01	22.95 1.57 -0.02	24.33 2.02 -0.27	30.93 2.65 -0.17	22.85 2.16 -0.08	22.92 2.01 -0.02	25.52 2.17 -0.10	25.22 2.15 0.00	26.07 2.17 0.00	25.03 2.13 -0.01	23.57 1.97 0.00	24.12 2.14 0.00	23.35 2.14 0.00	21.92 2.13 -0.19	22.79 2.14 -0.28	27.33 2.39 -0.32	28.21 2.47 -0.82	26.89 2.34 -0.32	23.00 1.89 -0.33	20.98 1.64 -0.19
MUNSVILLE_WIND_PWR 323609	21.52 1.61 0.00	18.95 1.26 0.00	18.29 1.22 0.00	18.61 1.19 -0.15	19.51 1.28 -0.06	23.32 1.71 -0.26	26.10 2.20 -1.86	33.12 2.85 -2.17	23.58 1.88 -1.11	22.51 1.51 -0.11	25.46 1.53 -0.68	24.54 1.47 0.00	25.43 1.49 -0.04	24.40 1.41 -0.09	23.08 1.48 0.00	23.61 1.62 0.00	22.86 1.65 0.00	22.56 1.75 -1.22	24.00 1.86 -1.77	28.98 2.35 -2.01	29.38 2.27 -2.20	28.42 2.20 -1.99	24.49 1.56 -2.15	22.16 1.30 -1.71
N SALMON___HYD 24042	19.79 -0.12 0.00	17.55 -0.14 0.00	16.91 -0.15 0.00	17.23 -0.04 0.00	18.24 0.06 0.00	21.44 0.09 0.00	22.00 -0.04 0.00	28.09 -0.01 0.00	20.58 -0.02 0.00	21.17 0.28 0.00	23.50 0.25 0.00	23.18 0.12 0.00	23.79 -0.11 0.00	22.75 -0.15 0.00	21.40 -0.20 0.00	21.78 -0.20 0.00	20.90 -0.31 0.00	19.32 -0.27 0.00	20.21 -0.16 0.00	24.57 -0.04 0.00	24.92 0.00 0.00	24.09 -0.15 0.00	20.67 -0.12 0.00	19.08 -0.08 0.00
N.AKRON__115KV_KNAPP 355671	20.13 0.23 0.00	17.71 0.02 0.00	17.05 -0.01 0.00	16.45 -0.15 0.67	17.80 -0.16 0.21	20.51 -0.14 0.71	13.64 0.04 8.45	23.26 0.38 5.22	18.35 0.37 2.63	20.43 0.04 0.49	20.27 0.07 3.05	23.06 -0.01 0.00	23.90 0.15 0.16	22.68 0.11 0.33	21.66 0.06 0.00	21.86 -0.12 0.00	20.91 -0.30 0.00	15.24 0.07 4.43	13.82 -0.10 6.46	17.26 -0.06 7.29	17.54 -0.08 7.31	16.81 -0.20 7.22	12.92 -0.49 7.38	14.53 -0.37 4.25
N.BELMOR_69_KV_BK1 55787	47.99 1.95 -26.13	19.38 1.69 0.00	18.73 1.66 0.00	18.95 1.66 -0.02	19.79 1.61 -0.01	23.30 1.92 -0.02	24.84 2.43 -0.36	31.54 3.27 -0.17	23.16 2.47 -0.08	23.18 2.27 -0.02	26.24 2.57 -0.42	27.99 2.59 -2.34	33.25 2.57 -6.77	46.47 2.56 -21.01	36.05 2.38 -12.07	59.97 2.54 -35.45	35.80 2.51 -12.07	88.56 2.49 -66.48	34.19 2.51 -11.30	61.25 2.84 -33.80	38.26 2.90 -10.43	27.33 2.78 -0.32	23.37 2.27 -0.33	21.28 1.94 -0.19
N.E._GEN_SANDY PD 24062	21.04 1.13 0.00	18.77 1.08 0.00	18.14 1.08 0.00	18.38 1.11 0.00	19.20 1.03 0.00	22.61 1.25 0.00	25.12 1.55 -1.53	30.01 1.91 0.00	22.13 1.48 -0.05	21.80 1.17 0.25	23.35 1.24 1.14	22.87 1.25 1.45	22.10 1.21 3.01	23.90 1.20 0.20	22.37 1.06 0.29	23.25 1.27 0.00	22.64 1.42 0.00	20.94 1.41 0.06	21.87 1.50 0.00	26.31 1.70 0.00	27.30 1.83 -0.55	25.88 1.64 0.00	21.98 1.20 0.00	20.24 1.08 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.30 1.40 0.00	18.92 1.23 0.00	18.29 1.23 0.00	18.53 1.24 -0.02	19.38 1.20 -0.01	22.83 1.45 -0.02	24.20 1.88 -0.28	30.76 2.48 -0.18	22.68 1.99 -0.09	22.73 1.82 -0.02	25.31 1.96 -0.10	25.02 1.95 0.00	25.88 1.97 -0.01	24.83 1.92 -0.01	23.36 1.76 0.00	23.90 1.92 0.00	23.14 1.93 0.00	21.74 1.94 -0.20	22.61 1.95 -0.29	27.15 2.21 -0.33	28.03 2.29 -0.82	26.72 2.16 -0.33	22.82 1.70 -0.33	20.83 1.48 -0.19
N.QUEENS_27_KV_LOAD 356247	21.49 1.59 0.00	19.08 1.39 0.00	18.45 1.38 0.00	18.67 1.38 -0.02	19.53 1.35 -0.01	22.92 1.54 -0.02	24.36 2.04 -0.27	31.00 2.72 -0.17	22.92 2.24 -0.08	22.97 2.07 -0.02	25.52 2.17 -0.10	25.25 2.19 0.00	26.11 2.20 0.00	25.08 2.17 -0.01	23.66 2.06 0.00	24.17 2.19 0.00	23.38 2.17 0.00	21.95 2.16 -0.20	22.80 2.15 -0.28	27.32 2.38 -0.32	28.25 2.50 -0.82	26.91 2.36 -0.32	23.04 1.93 -0.33	21.18 1.70 -0.33
N.TROY___115KV_TB1 355778	20.90 1.00 0.00	18.63 0.94 0.00	18.00 0.93 0.00	18.24 0.96 -0.02	19.08 0.90 -0.01	22.52 1.15 -0.02	23.64 1.39 -0.20	29.90 1.67 -0.13	21.87 1.20 -0.07	21.83 0.92 -0.01	24.27 0.95 -0.08	24.03 0.96 0.00	24.83 0.92 0.00	23.80 0.90 -0.01	22.41 0.80 0.00	22.96 0.98 0.00	22.35 1.15 0.00	20.87 1.13 -0.15	21.83 1.24 -0.22	26.26 1.40 -0.24	27.30 1.52 -0.86	25.84 1.36 -0.24	22.02 0.99 -0.24	20.18 0.89 -0.14
NARROWS_GT1_1 24228	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
NARROWS_GT1_2 24229	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
NARROWS_GT1_3 24230	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
NARROWS_GT1_4 24231	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
NARROWS_GT1_5 24232	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
NARROWS_GT1_6 24233	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
NARROWS_GT1_7 24234	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
NARROWS_GT1_8 24235	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
NARROWS_GT2_1 24236	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
NARROWS_GT2_2 24237	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
NARROWS_GT2_3 24238	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
NARROWS_GT2_4 24239	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14

NARROWS_GT2_5 24240	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
NARROWS_GT2_6 24241	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
NARROWS_GT2_7 24242	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
NARROWS_GT2_8 24243	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.84 0.94 0.00	18.60 0.91 0.00	17.98 0.92 0.00	18.22 0.94 -0.02	19.09 0.91 -0.01	22.57 1.19 -0.02	23.74 1.47 -0.22	30.04 1.79 -0.15	21.87 1.19 -0.07	21.76 0.86 -0.01	24.14 0.80 -0.08	23.89 0.82 0.00	24.61 0.70 0.00	23.59 0.68 -0.01	22.21 0.60 0.00	22.81 0.83 0.00	22.23 1.02 0.00	20.80 1.05 -0.16	21.81 1.20 -0.24	26.34 1.46 -0.27	27.33 1.56 -0.84	25.91 1.41 -0.26	22.05 1.00 -0.27	20.17 0.86 -0.15
NCHELSEA_115KV_TR2 355582	21.39 1.49 0.00	19.01 1.32 0.00	18.37 1.31 0.00	18.61 1.33 -0.02	19.48 1.30 -0.01	22.94 1.57 -0.02	24.33 2.01 -0.27	30.89 2.62 -0.17	22.76 2.07 -0.08	22.77 1.87 -0.02	25.35 2.00 -0.10	25.04 1.98 0.00	25.92 2.01 0.00	24.89 1.98 -0.01	23.44 1.84 0.00	23.98 2.00 0.00	23.22 2.01 0.00	21.81 2.02 -0.19	22.71 2.05 -0.28	27.28 2.34 -0.32	28.17 2.43 -0.82	26.82 2.27 -0.32	22.91 1.80 -0.32	20.92 1.57 -0.18
NEG CAPITAL___MECHNVIL 23645	21.10 1.19 0.00	18.78 1.09 0.00	18.13 1.07 0.00	18.36 1.09 0.00	19.25 1.07 0.00	22.72 1.37 0.00	23.70 1.65 0.00	30.16 2.07 0.00	22.05 1.44 0.00	22.08 1.19 0.00	24.47 1.22 0.00	24.29 1.22 0.00	25.09 1.18 0.00	24.06 1.16 0.00	22.65 1.05 0.00	23.19 1.21 0.00	22.59 1.38 0.00	20.99 1.39 0.00	21.86 1.49 0.00	26.35 1.74 0.00	27.39 1.85 -0.62	25.92 1.69 0.00	22.05 1.27 0.00	20.27 1.12 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.20 0.30 0.00	17.84 0.15 0.00	17.21 0.14 0.00	17.30 0.03 0.00	18.21 0.04 0.00	21.45 0.10 0.00	22.33 0.29 0.00	28.64 0.54 0.00	21.07 0.47 0.00	21.18 0.29 0.00	23.51 0.27 0.00	23.36 0.30 0.00	24.34 0.44 0.00	23.27 0.37 0.00	22.00 0.40 0.00	22.23 0.25 0.00	21.31 0.10 0.00	19.85 0.26 0.00	20.54 0.17 0.00	24.77 0.16 0.00	25.15 0.16 -0.06	24.29 0.06 0.00	20.64 -0.14 0.00	19.06 -0.10 0.00
NEG CENTRAL___DRP 24199	20.21 0.30 0.00	17.89 0.20 0.00	17.27 0.20 0.00	17.67 0.16 -0.25	18.42 0.18 -0.07	21.90 0.28 -0.26	25.70 0.49 -3.17	30.88 0.78 -2.01	22.16 0.57 -0.99	21.49 0.42 -0.18	24.83 0.41 -1.16	23.42 0.35 0.00	24.39 0.43 -0.06	23.47 0.45 -0.13	22.06 0.45 0.00	22.41 0.43 0.00	21.53 0.32 0.00	22.19 0.41 -2.18	23.85 0.30 -3.18	28.61 0.39 -3.60	29.03 0.39 -3.72	28.11 0.30 -3.57	24.59 0.15 -3.66	21.36 0.09 -2.12
NEG CENTRAL___INDECK 23768	20.61 0.70 0.00	18.14 0.45 0.00	17.47 0.41 0.00	20.60 0.31 -3.02	19.82 0.39 -1.25	27.27 0.59 -5.32	61.16 0.95 -38.17	74.28 1.44 -44.74	44.37 0.99 -22.78	23.74 0.63 -2.23	37.69 0.59 -13.85	23.59 0.52 0.00	25.13 0.51 -0.72	25.29 0.56 -1.83	22.00 0.40 0.00	21.97 -0.02 0.00	21.06 -0.15 0.00	42.93 0.02 -23.32	54.36 -0.02 -34.02	63.07 -0.05 -38.52	64.01 -0.02 -39.11	62.21 -0.19 -38.16	61.72 -0.27 -41.21	51.52 -0.36 -32.73
NEG CENTRAL___SENECA 23627	20.39 0.48 0.00	18.04 0.35 0.00	17.40 0.33 0.00	17.95 0.28 -0.40	18.62 0.33 -0.11	22.24 0.46 -0.43	27.84 0.68 -5.11	32.39 1.04 -3.26	22.97 0.76 -1.61	21.77 0.58 -0.30	25.71 0.59 -1.87	23.60 0.54 0.00	24.64 0.64 -0.10	23.74 0.64 -0.20	22.24 0.64 0.00	22.56 0.58 0.00	21.63 0.42 0.00	23.57 0.52 -3.45	25.80 0.39 -5.03	30.82 0.51 -5.70	31.28 0.50 -5.85	30.26 0.38 -5.65	26.79 0.21 -5.80	22.65 0.13 -3.37
NEG CENTRAL___STATE_STREET 24147	20.17 0.27 0.00	17.88 0.19 0.00	17.31 0.24 0.00	17.59 0.22 -0.10	18.38 0.17 -0.03	21.74 0.29 -0.10	23.82 0.51 -1.27	29.79 0.92 -0.77	21.65 0.67 -0.38	21.52 0.56 -0.07	24.30 0.58 -0.47	23.55 0.48 0.00	24.45 0.52 -0.03	23.48 0.53 -0.05	22.18 0.57 0.00	22.60 0.61 0.00	21.77 0.56 0.00	21.16 0.63 -0.93	22.23 0.51 -1.35	26.83 0.69 -1.53	27.23 0.69 -1.62	26.39 0.63 -1.52	22.71 0.38 -1.55	20.40 0.37 -0.87
NEG MILLWOOD___DRP 24198	21.45 1.55 0.00	19.07 1.37 0.00	18.42 1.36 0.00	18.66 1.38 -0.02	19.53 1.35 -0.01	23.00 1.62 -0.02	24.40 2.08 -0.27	31.00 2.73 -0.17	22.85 2.16 -0.08	22.87 1.97 -0.02	25.47 2.12 -0.10	25.16 2.09 0.00	26.04 2.13 0.00	24.98 2.07 -0.01	23.52 1.92 0.00	24.07 2.09 0.00	23.32 2.11 0.00	21.90 2.11 -0.19	22.80 2.15 -0.28	27.39 2.46 -0.32	28.28 2.54 -0.82	26.93 2.38 -0.31	22.99 1.89 -0.32	20.99 1.65 -0.18
NEG NORTH_FLCN_SEA 23793	20.00 0.09 0.00	17.75 0.06 0.00	17.12 0.05 0.00	17.43 0.17 0.00	18.40 0.23 0.00	21.68 0.32 0.00	22.33 0.29 0.00	28.43 0.33 0.00	20.94 0.34 0.00	21.52 0.63 0.00	23.88 0.63 0.00	23.48 0.42 0.00	23.97 0.07 0.00	22.97 0.07 0.00	21.56 -0.04 0.00	22.02 0.04 0.00	21.15 -0.06 0.00	19.64 0.04 0.00	20.55 0.18 0.00	25.02 0.40 0.00	25.38 0.46 0.00	24.41 0.17 0.00	20.86 0.08 0.00	19.29 0.13 0.00
NEG NORTH_KES_CHATEGAY 23792	19.76 -0.14 0.00	17.54 -0.15 0.00	16.92 -0.15 0.00	17.24 -0.03 0.00	18.22 0.04 0.00	21.42 0.06 0.00	22.02 -0.02 0.00	28.10 0.00 0.00	20.68 0.08 0.00	21.25 0.36 0.00	23.61 0.36 0.00	23.24 0.18 0.00	23.77 -0.14 0.00	22.75 -0.15 0.00	21.38 -0.22 0.00	21.77 -0.22 0.00	20.91 -0.30 0.00	19.35 -0.25 0.00	20.25 -0.12 0.00	24.65 0.04 0.00	25.00 0.08 0.00	24.12 -0.12 0.00	20.64 -0.14 0.00	19.09 -0.07 0.00

NEG NORTH___ALICE_FALLS 23915	19.96 0.06 0.00	17.72 0.03 0.00	17.08 0.02 0.00	17.40 0.13 0.00	18.38 0.21 0.00	21.65 0.30 0.00	22.32 0.28 0.00	28.42 0.33 0.00	20.92 0.31 0.00	21.47 0.58 0.00	23.83 0.58 0.00	23.41 0.35 0.00	23.90 0.00 0.00	22.89 0.00 0.00	21.50 -0.10 0.00	21.94 -0.05 0.00	21.08 -0.13 0.00	19.58 -0.02 0.00	20.50 0.13 0.00	24.96 0.35 0.00	25.34 0.41 0.00	24.38 0.14 0.00	20.83 0.05 0.00	19.26 0.10 0.00
NEG NORTH___LWR_SARANAC 23913	19.96 0.06 0.00	17.72 0.03 0.00	17.08 0.02 0.00	17.40 0.13 0.00	18.38 0.21 0.00	21.65 0.30 0.00	22.32 0.28 0.00	28.42 0.33 0.00	20.92 0.31 0.00	21.47 0.58 0.00	23.83 0.58 0.00	23.41 0.35 0.00	23.90 0.00 0.00	22.89 0.00 0.00	21.50 -0.10 0.00	21.94 -0.05 0.00	21.08 -0.13 0.00	19.58 -0.02 0.00	20.50 0.13 0.00	24.96 0.35 0.00	25.34 0.41 0.00	24.38 0.14 0.00	20.83 0.05 0.00	19.26 0.10 0.00
NEG NORTH___PLATTSBURG 23628	19.96 0.06 0.00	17.72 0.03 0.00	17.07 0.01 0.00	17.40 0.13 0.00	18.38 0.21 0.00	21.66 0.31 0.00	22.33 0.28 0.00	28.43 0.33 0.00	20.92 0.32 0.00	21.47 0.58 0.00	23.83 0.58 0.00	23.41 0.35 0.00	23.90 0.00 0.00	22.89 0.00 0.00	21.50 -0.10 0.00	21.94 -0.05 0.00	21.08 -0.13 0.00	19.58 -0.02 0.00	20.50 0.12 0.00	24.96 0.35 0.00	25.33 0.41 0.00	24.38 0.14 0.00	20.83 0.05 0.00	19.24 0.09 0.00
NEG WEST_LEA_LOCKPORT 23791	19.75 -0.15 0.00	17.38 -0.31 0.00	16.74 -0.33 0.00	15.97 -0.48 0.82	17.40 -0.52 0.26	19.90 -0.60 0.86	11.24 -0.47 10.34	21.50 -0.27 6.32	17.35 -0.07 3.18	19.90 -0.39 0.60	19.14 -0.38 3.74	22.62 -0.45 0.00	23.38 -0.33 0.19	22.14 -0.36 0.40	21.21 -0.39 0.00	21.40 -0.58 0.00	20.46 -0.75 0.00	13.68 -0.35 5.56	11.72 -0.55 8.11	14.83 -0.62 9.16	15.08 -0.65 9.20	14.42 -0.73 9.07	10.58 -0.93 9.27	13.08 -0.77 5.31
NEG WEST___LANCASTR 23811	20.59 0.69 0.00	18.17 0.48 0.00	17.52 0.46 0.00	16.80 0.32 0.79	18.21 0.33 0.30	20.92 0.41 0.85	12.62 0.58 10.01	22.85 1.01 6.26	18.30 0.84 3.14	20.94 0.64 0.59	20.34 0.73 3.63	23.75 0.69 0.00	24.57 0.85 0.19	23.19 0.72 0.43	22.25 0.65 0.00	22.49 0.50 0.00	21.48 0.27 0.00	14.63 0.57 5.53	12.71 0.42 8.08	16.00 0.53 9.14	16.24 0.48 9.16	15.55 0.37 9.05	11.58 0.09 9.29	13.83 0.11 5.44
NEG_PENN_ALLEGHNY 23528	20.40 0.50 0.00	18.11 0.41 0.00	17.47 0.41 0.00	17.64 0.38 0.00	18.56 0.39 0.00	21.86 0.51 0.00	22.83 0.78 0.00	29.17 1.07 0.00	21.40 0.80 0.00	21.54 0.65 0.00	23.98 0.73 0.00	23.75 0.68 0.00	24.63 0.73 0.00	23.62 0.72 0.00	22.28 0.68 0.00	22.65 0.67 0.00	21.79 0.59 0.00	20.30 0.70 0.00	21.01 0.64 0.00	25.36 0.74 0.00	25.81 0.72 -0.17	24.88 0.65 0.00	21.28 0.50 0.00	19.53 0.37 0.00
NEG___GEN_MONROE 24207	20.37 0.46 0.00	18.00 0.31 0.00	17.31 0.25 0.00	17.20 0.13 0.20	18.22 0.12 0.08	21.39 0.25 0.22	19.87 0.33 2.50	27.04 0.65 1.71	20.28 0.53 0.86	21.08 0.33 0.15	22.67 0.31 0.90	23.42 0.36 0.00	24.39 0.53 0.05	23.23 0.44 0.11	22.02 0.42 0.00	22.27 0.29 0.00	21.35 0.14 0.00	19.05 0.32 0.87	19.28 0.17 1.26	23.45 0.26 1.42	23.82 0.27 1.37	23.01 0.18 1.41	19.23 -0.10 1.45	18.22 -0.05 0.89
NEPA___ENERGY 23901	20.19 0.28 0.00	17.74 0.05 0.00	17.09 0.03 0.00	16.12 -0.11 1.04	17.75 -0.10 0.33	20.17 -0.08 1.11	9.02 0.12 13.14	20.31 0.61 8.40	17.01 0.55 4.14	20.51 0.37 0.75	19.03 0.41 4.64	23.37 0.30 0.00	24.00 0.33 0.24	22.64 0.25 0.50	21.83 0.22 0.00	22.00 0.02 0.00	20.99 -0.22 0.00	12.54 0.06 7.12	9.83 -0.16 10.38	12.69 -0.18 11.74	12.87 -0.25 11.80	12.25 -0.35 11.63	8.31 -0.55 11.92	11.75 -0.47 6.94
NEVERSINK___HYD 23608	21.86 1.95 0.00	19.41 1.72 0.00	18.78 1.72 0.00	19.01 1.74 0.00	19.95 1.77 0.00	23.48 2.12 0.00	24.57 2.52 0.00	31.24 3.14 0.00	23.02 2.42 0.00	23.09 2.20 0.00	25.61 2.36 0.00	25.37 2.30 0.00	26.42 2.52 0.00	25.12 2.22 0.00	23.51 1.91 0.00	24.03 2.05 0.00	23.25 2.05 0.00	21.68 2.09 0.00	22.47 2.10 0.00	27.06 2.45 0.00	27.92 2.52 -0.47	26.60 2.37 0.00	22.66 1.88 0.00	20.82 1.67 0.00
NEWKRMKL_115KV_TB1 55635	20.47 0.57 0.00	18.28 0.59 0.00	17.68 0.61 0.00	17.92 0.64 -0.02	18.76 0.58 -0.01	22.10 0.72 -0.02	23.21 0.96 -0.21	29.40 1.17 -0.13	21.54 0.87 -0.07	21.53 0.63 -0.01	23.98 0.65 -0.08	23.74 0.67 0.00	24.52 0.62 0.00	23.46 0.55 -0.01	22.13 0.53 0.00	22.72 0.73 0.00	22.05 0.84 0.00	20.59 0.84 -0.15	21.49 0.90 -0.22	25.86 1.00 -0.25	26.85 1.07 -0.86	25.44 0.96 -0.25	21.68 0.65 -0.25	19.86 0.56 -0.14
NEWTON___FALLS_HYD 23847	19.48 -0.42 0.00	17.06 -0.63 0.00	16.41 -0.65 0.00	16.59 -0.68 0.00	17.61 -0.57 0.00	20.71 -0.64 0.00	21.14 -0.92 -0.01	26.99 -1.12 -0.01	19.55 -1.06 0.00	19.98 -0.91 0.00	22.11 -1.15 -0.01	21.97 -1.09 0.00	22.77 -1.13 0.00	21.85 -1.05 0.00	20.57 -1.03 0.00	20.89 -1.09 0.00	20.08 -1.13 0.00	18.59 -1.03 -0.02	19.49 -0.92 -0.03	23.68 -0.97 -0.04	24.02 -0.95 -0.05	23.35 -0.92 -0.04	20.19 -0.63 -0.04	18.58 -0.59 -0.02
NGRID_A1_DSASP 323792	19.48 -0.42 0.00	17.14 -0.55 0.00	16.51 -0.56 0.00	15.72 -0.72 0.82	17.05 -0.78 0.34	18.98 -0.93 1.45	10.91 -0.74 10.40	15.23 -0.74 12.13	14.07 -0.37 6.16	19.57 -0.72 0.60	18.76 -0.76 3.73	22.28 -0.79 0.00	23.06 -0.65 0.19	21.72 -0.69 0.49	20.96 -0.64 0.00	21.02 -0.97 0.00	20.05 -1.16 0.00	13.44 -0.61 5.55	11.58 -0.71 8.08	14.49 -0.97 9.15	14.73 -1.01 9.19	14.09 -1.08 9.07	9.79 -1.20 9.79	10.39 -0.99 7.78
NGRID_A2_DSASP 323793	19.48 -0.42 0.00	17.14 -0.55 0.00	16.51 -0.56 0.00	15.72 -0.72 0.82	17.05 -0.78 0.34	18.98 -0.93 1.45	10.91 -0.74 10.40	15.23 -0.74 12.13	14.07 -0.37 6.16	19.57 -0.72 0.60	18.76 -0.76 3.73	22.28 -0.79 0.00	23.06 -0.65 0.19	21.72 -0.69 0.49	20.96 -0.64 0.00	21.02 -0.97 0.00	20.05 -1.16 0.00	13.44 -0.61 5.55	11.58 -0.71 8.08	14.49 -0.97 9.15	14.73 -1.01 9.19	14.09 -1.08 9.07	9.79 -1.20 9.79	10.39 -0.99 7.78
NGRID_A4_DSASP 323807	19.48 -0.43 0.00	17.14 -0.55 0.00	16.50 -0.56 0.00	15.73 -0.72 0.82	17.12 -0.78 0.26	19.55 -0.93 0.87	10.86 -0.86 10.32	20.69 -0.79 6.62	16.88 -0.42 3.30	19.56 -0.72 0.60	18.74 -0.78 3.73	22.27 -0.80 0.00	23.03 -0.68 0.19	21.79 -0.70 0.40	20.89 -0.71 0.00	21.01 -0.97 0.00	20.04 -1.17 0.00	13.36 -0.68 5.56	11.40 -0.87 8.11	14.45 -1.01 9.15	14.69 -1.05 9.19	14.06 -1.11 9.07	10.21 -1.27 9.30	12.71 -1.05 5.40
NIAGARA_115E_LBMP 323715	19.45 -0.46 0.00	17.10 -0.59 0.00	16.46 -0.60 0.00	15.70 -0.74 0.82	17.02 -0.81 0.34	18.96 -0.95 1.45	10.97 -0.65 10.42	15.43 -0.62 12.05	14.12 -0.30 6.18	19.55 -0.73 0.60	18.84 -0.67 3.74	22.22 -0.85 0.00	22.99 -0.72 0.19	21.69 -0.71 0.49	20.91 -0.69 0.00	21.03 -0.95 0.00	20.11 -1.10 0.00	13.49 -0.55 5.56	11.62 -0.64 8.10	14.55 -0.88 9.17	14.80 -0.91 9.21	14.14 -1.01 9.09	9.89 -1.12 9.77	10.44 -0.92 7.80

NIAGARA_115W_LBMP 323714	19.45 -0.46 0.00	17.11 -0.58 0.00	16.47 -0.59 0.00	15.70 -0.75 0.82	17.02 -0.82 0.34	18.95 -0.97 1.44	10.93 -0.77 10.34	15.25 -0.78 12.07	14.07 -0.40 6.13	19.54 -0.75 0.60	18.75 -0.79 3.71	22.23 -0.83 0.00	23.01 -0.70 0.19	21.68 -0.73 0.49	20.92 -0.68 0.00	20.97 -1.01 0.00	19.99 -1.21 0.00	13.44 -0.65 5.51	11.60 -0.74 8.03	14.51 -1.00 9.10	14.75 -1.04 9.14	14.10 -1.12 9.01	9.82 -1.22 9.74	10.42 -1.01 7.73
NIAGARA_230_LBMP 323716	19.61 -0.29 0.00	17.26 -0.43 0.00	16.63 -0.44 0.00	15.88 -0.61 0.78	17.19 -0.66 0.32	19.19 -0.79 1.37	11.52 -0.66 9.86	15.92 -0.64 11.53	14.44 -0.32 5.85	19.74 -0.58 0.57	19.06 -0.65 3.54	22.44 -0.62 0.00	23.24 -0.48 0.18	21.87 -0.56 0.46	21.12 -0.49 0.00	21.23 -0.75 0.00	20.31 -0.90 0.00	13.84 -0.52 5.24	12.09 -0.65 7.63	15.08 -0.89 8.64	15.32 -0.92 8.68	14.66 -1.01 8.56	10.40 -1.12 9.26	10.90 -0.91 7.34
NIAGARA__115KV_198_GIBSON 55903	19.44 -0.47 0.00	17.10 -0.59 0.00	16.47 -0.60 0.00	15.70 -0.75 0.81	17.09 -0.82 0.26	19.52 -0.97 0.87	10.89 -0.89 10.26	20.67 -0.83 6.60	16.87 -0.45 3.29	19.53 -0.76 0.60	18.73 -0.81 3.71	22.22 -0.84 0.00	22.98 -0.73 0.19	21.75 -0.74 0.40	20.85 -0.76 0.00	20.96 -1.02 0.00	19.99 -1.22 0.00	13.36 -0.71 5.52	11.41 -0.90 8.06	14.46 -1.06 9.10	14.71 -1.08 9.14	14.08 -1.14 9.01	10.24 -1.29 9.25	12.72 -1.07 5.36
NIAGARA____ 23760	19.51 -0.40 0.00	17.16 -0.52 0.00	16.53 -0.53 0.00	15.79 -0.69 0.79	17.10 -0.75 0.33	19.08 -0.88 1.39	11.41 -0.67 9.97	15.82 -0.65 11.63	14.37 -0.32 5.91	19.66 -0.65 0.58	19.00 -0.67 3.58	22.34 -0.73 0.00	23.13 -0.59 0.18	21.79 -0.63 0.47	21.02 -0.58 0.00	21.11 -0.87 0.00	20.16 -1.05 0.00	13.74 -0.55 5.30	11.99 -0.65 7.73	14.96 -0.90 8.75	15.21 -0.94 8.78	14.54 -1.02 8.67	10.29 -1.13 9.36	10.79 -0.92 7.44
NINE_MILE_1 23575	19.46 -0.45 0.00	17.26 -0.43 0.00	16.65 -0.41 0.00	16.82 -0.44 0.00	17.70 -0.47 0.00	20.83 -0.53 0.00	21.59 -0.46 0.00	27.54 -0.56 0.00	20.21 -0.39 0.00	20.42 -0.47 0.00	22.72 -0.53 0.00	22.56 -0.51 0.00	23.40 -0.51 0.00	22.40 -0.49 0.00	21.14 -0.45 0.00	21.51 -0.48 0.00	20.75 -0.46 0.00	19.24 -0.35 0.00	19.97 -0.40 0.00	24.10 -0.51 0.00	24.45 -0.51 -0.04	23.70 -0.53 0.00	20.29 -0.49 0.00	18.72 -0.43 0.00
NINE_MILE_2 23744	19.46 -0.45 0.00	17.26 -0.43 0.00	16.65 -0.41 0.00	16.83 -0.44 0.00	17.71 -0.47 0.00	20.83 -0.52 0.00	21.59 -0.45 0.00	27.54 -0.56 0.00	20.21 -0.39 0.00	20.42 -0.47 0.00	22.72 -0.53 0.00	22.56 -0.51 0.00	23.40 -0.51 0.00	22.41 -0.49 0.00	21.15 -0.45 0.00	21.51 -0.47 0.00	20.75 -0.46 0.00	19.24 -0.35 0.00	19.97 -0.40 0.00	24.10 -0.51 0.00	24.45 -0.51 -0.04	23.70 -0.53 0.00	20.29 -0.49 0.00	18.72 -0.43 0.00
NM_CAPITAL____DRP 24208	20.65 0.74 0.00	18.44 0.75 0.00	17.82 0.76 0.00	18.07 0.78 -0.02	18.90 0.72 -0.01	22.28 0.91 -0.02	23.40 1.15 -0.21	29.63 1.40 -0.13	21.71 1.04 -0.07	21.69 0.79 -0.01	24.14 0.81 -0.08	23.90 0.84 0.00	24.69 0.78 0.00	23.64 0.74 -0.01	22.25 0.65 0.00	22.79 0.81 0.00	22.15 0.94 0.00	20.67 0.92 -0.15	21.59 1.00 -0.22	25.96 1.10 -0.25	26.97 1.19 -0.86	25.55 1.06 -0.25	21.75 0.72 -0.25	19.92 0.62 -0.14
NM_CENTRAL____DRP 24181	19.82 -0.08 0.00	17.58 -0.11 0.00	16.95 -0.11 0.00	17.13 -0.14 0.00	18.02 -0.15 0.00	21.23 -0.13 0.00	22.11 0.00 -0.07	28.21 0.05 -0.07	20.68 0.05 -0.03	20.83 -0.07 0.00	23.22 -0.06 -0.04	23.03 -0.03 0.00	23.90 -0.01 0.00	22.89 -0.01 -0.01	21.60 0.00 0.00	21.98 0.00 0.00	21.20 0.00 0.00	19.78 0.08 -0.10	20.54 0.02 -0.15	24.80 0.02 -0.17	25.16 0.02 -0.22	24.36 -0.04 -0.17	20.86 -0.09 -0.17	19.16 -0.10 -0.10
NM_FRONTIER____DRP 24179	19.44 -0.47 0.00	17.10 -0.59 0.00	16.47 -0.60 0.00	15.70 -0.75 0.81	17.09 -0.82 0.26	19.52 -0.97 0.87	10.89 -0.89 10.26	20.67 -0.83 6.60	16.87 -0.45 3.29	19.53 -0.76 0.60	18.73 -0.81 3.71	22.22 -0.84 0.00	22.98 -0.73 0.19	21.75 -0.74 0.40	20.85 -0.76 0.00	20.96 -1.02 0.00	19.99 -1.22 0.00	13.36 -0.71 5.52	11.41 -0.90 8.06	14.46 -1.06 9.10	14.71 -1.08 9.14	14.08 -1.14 9.01	10.24 -1.29 9.25	12.72 -1.07 5.36
NM_ST_REGIS____HYD 24053	19.44 -0.46 0.00	17.23 -0.47 0.00	16.59 -0.47 0.00	16.85 -0.41 0.00	17.86 -0.32 0.00	20.96 -0.40 0.00	21.32 -0.73 0.00	27.14 -0.95 0.00	19.70 -0.91 0.00	20.34 -0.55 0.00	22.61 -0.64 0.00	22.46 -0.60 0.00	23.24 -0.67 0.00	22.21 -0.69 0.00	20.94 -0.67 0.00	21.27 -0.71 0.00	20.34 -0.87 0.00	18.76 -0.85 -0.01	19.62 -0.77 -0.02	23.81 -0.82 -0.02	24.13 -0.82 -0.03	23.43 -0.82 -0.02	20.26 -0.54 -0.02	18.70 -0.46 -0.01
NORTHPORT____1 23551	48.03 1.98 -26.13	19.40 1.71 0.00	18.76 1.70 0.00	18.99 1.72 0.00	19.83 1.66 0.00	23.32 1.97 0.00	24.60 2.47 -0.08	31.45 3.36 0.00	23.05 2.45 0.00	23.08 2.19 0.00	26.01 2.44 -0.32	27.83 2.42 -2.34	33.07 2.40 -6.77	46.29 2.39 -21.00	35.87 2.20 -12.07	59.83 2.40 -35.45	35.68 2.40 -12.07	88.26 2.38 -66.28	33.79 2.40 -11.02	60.81 2.72 -33.48	37.83 2.80 -10.10	26.89 2.66 0.00	22.98 2.20 0.00	21.01 1.85 0.00
NORTHPORT____2 23552	48.03 1.98 -26.13	19.40 1.71 0.00	18.76 1.70 0.00	18.99 1.72 0.00	19.83 1.66 0.00	23.32 1.97 0.00	24.60 2.47 -0.08	31.45 3.36 0.00	23.05 2.45 0.00	23.08 2.19 0.00	26.01 2.44 -0.32	27.83 2.42 -2.34	33.07 2.40 -6.77	46.29 2.39 -21.00	35.87 2.20 -12.07	59.83 2.40 -35.45	35.68 2.40 -12.07	88.26 2.38 -66.28	33.79 2.40 -11.02	60.81 2.72 -33.48	37.83 2.80 -10.10	26.89 2.66 0.00	22.98 2.20 0.00	21.01 1.85 0.00
NORTHPORT____3 23553	47.98 1.94 -26.13	19.39 1.70 0.00	18.74 1.67 0.00	18.96 1.69 0.00	19.81 1.63 0.00	23.29 1.94 0.00	24.56 2.43 -0.08	31.39 3.29 0.00	23.04 2.44 0.00	23.08 2.19 0.00	26.02 2.45 -0.32	27.85 2.45 -2.34	33.10 2.42 -6.77	46.32 2.42 -21.00	35.90 2.22 -12.07	59.85 2.42 -35.45	35.70 2.42 -12.07	88.28 2.40 -66.28	33.81 2.42 -11.02	60.84 2.75 -33.48	37.85 2.82 -10.10	26.90 2.66 0.00	22.96 2.18 0.00	21.01 1.85 0.00
NORTHPORT____4 23650	47.98 1.94 -26.13	19.39 1.70 0.00	18.74 1.67 0.00	18.96 1.69 0.00	19.81 1.63 0.00	23.29 1.94 0.00	24.56 2.43 -0.08	31.39 3.29 0.00	23.04 2.44 0.00	23.08 2.19 0.00	26.02 2.45 -0.32	27.85 2.45 -2.34	33.10 2.42 -6.77	46.32 2.42 -21.00	35.90 2.22 -12.07	59.85 2.42 -35.45	35.70 2.42 -12.07	88.28 2.40 -66.28	33.81 2.42 -11.02	60.84 2.75 -33.48	37.85 2.82 -10.10	26.90 2.66 0.00	22.96 2.18 0.00	21.01 1.85 0.00
NORTHPORT____IC 23718	48.03 1.98 -26.13	19.40 1.71 0.00	18.76 1.70 0.00	18.99 1.72 0.00	19.83 1.66 0.00	23.32 1.97 0.00	24.60 2.47 -0.08	31.45 3.36 0.00	23.05 2.45 0.00	23.08 2.19 0.00	26.01 2.44 -0.32	27.83 2.42 -2.34	33.07 2.40 -6.77	46.29 2.39 -21.00	35.87 2.20 -12.07	59.83 2.40 -35.45	35.68 2.40 -12.07	88.26 2.38 -66.28	33.79 2.40 -11.02	60.81 2.72 -33.48	37.83 2.80 -10.10	26.89 2.66 0.00	22.98 2.20 0.00	21.01 1.85 0.00

NORTH__COUNTRY_ESR 323785	19.70 -0.21 0.00	17.48 -0.21 0.00	16.85 -0.21 0.00	17.18 -0.09 0.00	18.16 -0.01 0.00	21.36 0.00 0.00	21.95 -0.09 0.00	28.01 -0.09 0.00	20.62 0.02 0.00	21.21 0.31 0.00	23.57 0.32 0.00	23.21 0.14 0.00	23.73 -0.17 0.00	22.72 -0.18 0.00	21.35 -0.25 0.00	21.74 -0.24 0.00	20.88 -0.33 0.00	19.31 -0.29 0.00	20.18 -0.19 0.00	24.57 -0.05 0.00	24.91 -0.01 0.00	24.03 -0.20 0.00	20.57 -0.21 0.00	19.02 -0.14 0.00
NPX_GEN_1385_PROXY 323591	48.02 1.98 -26.13	19.29 1.61 0.00	18.73 1.67 0.00	18.99 1.72 0.00	19.83 1.66 0.00	23.58 1.98 -0.25	24.61 2.49 -0.08	31.49 3.39 0.00	22.75 2.14 0.00	22.60 1.71 0.00	25.50 1.93 -0.32	27.26 1.86 -2.34	32.65 1.98 -6.77	37.48 1.83 -12.75	35.35 1.67 -12.07	59.29 1.86 -35.45	35.16 1.88 -12.07	80.39 1.91 -58.89	33.32 1.93 -11.02	-283.69 2.12 310.42	-17.48 2.20 44.61	19.01 2.07 7.29	22.62 1.83 0.00	20.72 1.56 0.00
NPX_GEN_CSC 323557	48.06 2.01 -26.13	19.44 1.75 0.00	18.78 1.72 0.00	19.00 1.73 0.00	19.84 1.67 0.00	23.54 1.93 -0.25	24.52 2.39 -0.08	31.34 3.24 0.00	22.96 2.36 0.00	22.87 1.98 0.00	25.58 2.01 -0.32	27.38 1.97 -2.34	32.59 1.92 -6.77	45.88 1.99 -21.00	35.54 1.86 -12.07	59.51 2.08 -35.45	35.43 2.14 -12.07	88.03 2.15 -66.28	33.59 2.20 -11.02	60.57 2.48 -33.48	37.58 2.56 -10.10	26.64 2.41 0.00	22.76 1.98 0.00	20.79 1.63 0.00
NSINS_S_GLNS_FALLS 23858	21.19 1.28 0.00	18.86 1.16 0.00	18.20 1.14 0.00	18.45 1.17 -0.02	19.35 1.18 0.00	22.89 1.52 -0.02	24.12 1.87 -0.20	30.58 2.36 -0.13	22.27 1.61 -0.06	22.25 1.35 -0.01	24.64 1.32 -0.08	24.38 1.32 0.00	25.19 1.29 0.00	24.16 1.25 -0.01	22.67 1.07 0.00	23.23 1.25 0.00	22.64 1.42 0.00	21.27 1.53 -0.15	22.21 1.62 -0.21	26.75 1.90 -0.24	27.80 2.00 -0.87	26.35 1.88 -0.24	22.39 1.37 -0.24	20.51 1.22 -0.14
NUCOR_STEEL__DRP 24197	20.14 0.24 0.00	17.85 0.16 0.00	17.28 0.21 0.00	17.54 0.21 -0.06	18.35 0.15 -0.02	21.65 0.23 -0.06	23.23 0.42 -0.77	29.30 0.72 -0.48	21.35 0.51 -0.24	21.33 0.39 -0.04	23.93 0.39 -0.29	23.36 0.30 0.00	24.38 0.46 -0.02	23.28 0.35 -0.03	22.00 0.40 0.00	22.42 0.44 0.00	21.61 0.40 0.00	20.68 0.48 -0.61	21.61 0.35 -0.89	26.11 0.49 -1.00	26.50 0.49 -1.08	25.69 0.46 -0.99	22.02 0.22 -1.02	19.98 0.24 -0.58
NUMBER_THREE_WT_PWR 323818	19.98 0.08 0.00	17.29 -0.40 0.00	16.59 -0.47 0.00	16.73 -0.54 0.00	17.78 -0.40 0.00	21.00 -0.36 0.00	21.75 -0.30 0.00	27.91 -0.19 0.00	20.31 -0.29 0.00	20.39 -0.50 0.00	22.34 -0.91 0.00	22.10 -0.97 0.00	22.99 -0.91 0.00	22.11 -0.78 0.00	20.71 -0.89 0.00	21.08 -0.90 0.00	20.46 -0.75 0.00	19.05 -0.55 0.00	20.01 -0.36 0.00	24.36 -0.26 0.00	24.76 -0.18 -0.02	24.03 -0.21 0.00	20.66 -0.12 0.00	18.96 -0.19 0.00
NYISO_LBMP_REFERENCE 24008	19.90 0.00 0.00	17.69 0.00 0.00	17.06 0.00 0.00	17.27 0.00 0.00	18.18 0.00 0.00	21.36 0.00 0.00	22.05 0.00 0.00	28.10 0.00 0.00	20.60 0.00 0.00	20.89 0.00 0.00	23.25 0.00 0.00	23.07 0.00 0.00	23.90 0.00 0.00	22.90 0.00 0.00	21.60 0.00 0.00	21.98 0.00 0.00	21.21 0.00 0.00	19.60 0.00 0.00	20.37 0.00 0.00	24.61 0.00 0.00	24.92 0.00 0.00	24.24 0.00 0.00	20.78 0.00 0.00	19.16 0.00 0.00
NYPA_BRENTWD__GT 24164	48.21 2.16 -26.13	19.56 1.87 0.00	18.91 1.84 0.00	19.12 1.86 0.00	19.98 1.81 0.00	23.50 2.14 0.00	24.79 2.66 -0.08	31.72 3.62 0.00	23.26 2.66 0.00	23.27 2.38 0.00	26.23 2.66 -0.32	28.05 2.64 -2.34	33.27 2.60 -6.77	46.53 2.63 -21.00	36.12 2.45 -12.07	60.09 2.66 -35.45	35.94 2.66 -12.07	88.48 2.60 -66.28	33.98 2.59 -11.02	60.98 2.89 -33.48	38.02 2.99 -10.10	27.12 2.88 0.00	23.21 2.43 0.00	21.20 2.04 0.00
NYPA_GOWANUS__GT5 24156	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
NYPA_GOWANUS__GT6 24157	21.57 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.73 1.46 0.00	19.60 1.43 0.00	23.03 1.68 0.00	24.17 2.13 0.00	30.93 2.83 0.00	22.90 2.30 0.00	23.06 2.17 0.00	25.57 2.32 0.00	25.37 2.31 0.00	26.23 2.33 0.00	25.18 2.28 0.00	23.71 2.11 0.00	24.29 2.31 0.00	23.49 2.28 0.00	21.86 2.26 0.00	22.60 2.23 0.00	27.17 2.55 0.00	28.04 2.63 -0.49	26.74 2.51 0.00	22.79 2.01 0.00	21.04 1.74 -0.14
NYPA_HARLEM_RVR_GT1 24160	21.46 1.56 0.00	19.05 1.36 0.00	18.42 1.36 0.00	18.63 1.37 0.00	19.50 1.33 0.00	22.87 1.52 0.00	24.03 1.99 0.00	30.78 2.69 0.00	22.80 2.20 0.00	22.91 2.02 0.00	25.39 2.14 0.00	25.22 2.15 0.00	26.06 2.16 0.00	25.03 2.13 0.00	23.59 1.99 0.00	24.14 2.15 0.00	23.34 2.13 0.00	21.72 2.12 0.00	22.45 2.08 0.00	26.96 2.35 0.00	27.88 2.46 -0.49	26.57 2.33 0.00	22.66 1.88 0.00	20.95 1.65 -0.14
NYPA_HARLEM_RVR_GT2 24161	21.46 1.56 0.00	19.05 1.36 0.00	18.42 1.36 0.00	18.63 1.37 0.00	19.50 1.33 0.00	22.87 1.52 0.00	24.03 1.99 0.00	30.78 2.69 0.00	22.80 2.20 0.00	22.91 2.02 0.00	25.39 2.14 0.00	25.22 2.15 0.00	26.06 2.16 0.00	25.03 2.13 0.00	23.59 1.99 0.00	24.14 2.15 0.00	23.34 2.13 0.00	21.72 2.12 0.00	22.45 2.08 0.00	26.96 2.35 0.00	27.88 2.46 -0.49	26.57 2.33 0.00	22.66 1.88 0.00	20.95 1.65 -0.14
NYPA_KENT__GT 24152	21.55 1.64 0.00	19.13 1.44 0.00	18.50 1.43 0.00	18.71 1.44 0.00	19.58 1.41 0.00	23.00 1.65 0.00	24.14 2.09 0.00	30.89 2.79 0.00	22.88 2.28 0.00	23.03 2.14 0.00	25.54 2.29 0.00	25.34 2.28 0.00	26.20 2.30 0.00	25.15 2.25 0.00	23.69 2.08 0.00	24.25 2.27 0.00	23.46 2.25 0.00	21.84 2.24 0.00	22.57 2.20 0.00	27.13 2.51 0.00	28.00 2.59 -0.49	26.70 2.46 0.00	22.76 1.98 0.00	21.02 1.72 -0.14
NYPA_POUCH1__GT 24155	21.48 1.57 0.00	19.08 1.39 0.00	18.46 1.40 0.00	18.67 1.40 0.00	19.54 1.37 0.00	22.95 1.59 0.00	24.08 2.04 0.00	30.75 2.65 0.00	22.76 2.16 0.00	22.93 2.04 0.00	25.41 2.16 0.00	25.20 2.13 0.00	26.04 2.14 0.00	25.00 2.10 0.00	23.55 1.94 0.00	24.13 2.15 0.00	23.33 2.12 0.00	21.72 2.13 0.00	22.44 2.07 0.00	27.01 2.40 0.00	27.89 2.47 -0.49	26.62 2.38 0.00	22.68 1.90 0.00	20.92 1.62 -0.14
NYPA_VERNON__GT2 24162	21.53 1.62 0.00	19.11 1.42 0.00	18.47 1.41 0.00	18.68 1.42 0.00	19.56 1.39 0.00	22.98 1.62 0.00	24.11 2.06 0.00	30.86 2.76 0.00	22.85 2.25 0.00	23.00 2.11 0.00	25.51 2.26 0.00	25.31 2.24 0.00	26.16 2.26 0.00	25.12 2.22 0.00	23.65 2.05 0.00	24.22 2.24 0.00	23.43 2.22 0.00	21.81 2.21 0.00	22.54 2.17 0.00	27.08 2.47 0.00	27.97 2.55 -0.49	26.65 2.42 0.00	22.73 1.94 0.00	20.99 1.69 -0.14

ONONDAGA_REF_OCCRA 23987	19.95 0.05 0.00	17.69 0.00 0.00	17.06 0.00 0.00	17.26 -0.03 -0.02	18.15 -0.03 -0.01	21.40 0.02 -0.03	22.53 0.17 -0.32	28.54 0.26 -0.19	20.89 0.19 -0.09	20.98 0.06 -0.02	23.45 0.07 -0.13	23.15 0.08 0.00	24.02 0.12 -0.01	23.03 0.12 -0.02	21.73 0.12 0.00	22.11 0.13 0.00	21.34 0.13 0.00	20.07 0.21 -0.27	20.92 0.16 -0.39	25.25 0.19 -0.44	25.62 0.19 -0.51	24.80 0.13 -0.44	21.27 0.04 -0.45	19.42 0.02 -0.24
ONONDAGA___COGEN 23986	19.89 -0.02 0.00	17.64 -0.05 0.00	17.01 -0.05 0.00	17.21 -0.08 -0.02	18.09 -0.10 -0.01	21.32 -0.06 -0.02	22.43 0.08 -0.31	28.46 0.17 -0.19	20.83 0.13 -0.09	20.92 0.01 -0.02	23.39 0.02 -0.12	23.08 0.01 0.00	23.96 0.06 -0.01	22.97 0.05 -0.02	21.66 0.06 0.00	22.05 0.07 0.00	21.27 0.06 0.00	20.03 0.15 -0.29	20.87 0.08 -0.42	25.20 0.10 -0.48	25.57 0.10 -0.54	24.76 0.05 -0.47	21.24 -0.03 -0.48	19.39 -0.04 -0.27
ONTARIO___LFGE 23819	20.39 0.49 0.00	18.04 0.35 0.00	17.40 0.34 0.00	17.95 0.28 -0.40	18.67 0.33 -0.17	22.52 0.45 -0.71	27.83 0.71 -5.07	35.10 1.04 -5.97	24.42 0.76 -3.05	21.78 0.59 -0.30	25.71 0.60 -1.87	23.61 0.54 0.00	24.64 0.65 -0.10	23.79 0.65 -0.25	22.27 0.67 0.00	22.56 0.58 0.00	21.63 0.42 0.00	23.58 0.53 -3.45	25.82 0.41 -5.04	30.82 0.51 -5.70	31.28 0.50 -5.85	30.26 0.38 -5.65	27.10 0.22 -6.10	24.15 0.15 -4.85
ORANGEVILLE_WT_PWR 323706	19.78 -0.13 0.00	17.45 -0.25 0.00	16.82 -0.24 0.00	13.79 -0.38 3.10	16.53 -0.36 1.28	15.53 -0.38 5.45	-17.07 0.06 39.18	-17.45 0.28 45.83	-2.56 0.16 23.32	18.48 -0.13 2.28	8.95 -0.15 14.15	22.86 -0.21 0.00	22.94 -0.23 0.73	20.82 -0.21 1.87	21.51 -0.09 0.00	21.68 -0.30 0.00	20.64 -0.57 0.00	-3.53 -0.32 22.80	-13.32 -0.44 33.26	-13.62 -0.57 37.66	-13.74 -0.61 38.05	-13.82 -0.75 37.31	-20.15 -0.65 40.29	-13.55 -0.72 32.00
ORANGEVILLE___ESR 323794	19.78 -0.13 0.00	17.45 -0.25 0.00	16.82 -0.24 0.00	13.79 -0.38 3.10	16.53 -0.36 1.28	15.53 -0.38 5.45	-17.07 0.06 39.18	-17.45 0.28 45.83	-2.56 0.16 23.32	18.48 -0.13 2.28	8.95 -0.15 14.15	22.86 -0.21 0.00	22.94 -0.23 0.73	20.82 -0.21 1.87	21.51 -0.09 0.00	21.68 -0.30 0.00	20.64 -0.57 0.00	-3.53 -0.32 22.80	-13.32 -0.44 33.26	-13.62 -0.57 37.66	-13.74 -0.61 38.05	-13.82 -0.75 37.31	-20.15 -0.65 40.29	-13.55 -0.72 32.00
OSWEGATCHIE___HYD 24044	19.48 -0.42 0.00	17.06 -0.62 0.00	16.41 -0.65 0.00	16.59 -0.68 0.00	17.61 -0.57 0.00	20.72 -0.64 0.00	21.12 -0.92 0.00	26.98 -1.12 0.00	19.54 -1.06 0.00	19.98 -0.91 0.00	22.10 -1.15 0.00	21.97 -1.09 0.00	22.77 -1.13 0.00	21.84 -1.05 0.00	20.56 -1.04 0.00	20.89 -1.09 0.00	20.08 -1.13 0.00	18.57 -1.02 0.00	19.45 -0.92 0.00	23.64 -0.98 0.00	23.98 -0.95 -0.01	23.31 -0.92 0.00	20.15 -0.63 0.00	18.55 -0.61 0.00
OSWEGO___5 23606	19.60 -0.30 0.00	17.38 -0.31 0.00	16.77 -0.29 0.00	16.95 -0.32 0.00	17.83 -0.35 0.00	20.98 -0.38 0.00	21.75 -0.29 0.00	27.76 -0.33 0.00	20.37 -0.23 0.00	20.56 -0.33 0.00	22.89 -0.36 0.00	22.72 -0.35 0.00	23.57 -0.33 0.00	22.58 -0.32 0.00	21.30 -0.30 0.00	21.67 -0.31 0.00	20.91 -0.30 0.00	19.39 -0.21 0.00	20.11 -0.26 0.00	24.29 -0.32 0.00	24.64 -0.33 -0.04	23.89 -0.35 0.00	20.44 -0.34 0.00	18.85 -0.30 0.00
OSWEGO___6 23613	19.60 -0.30 0.00	17.38 -0.31 0.00	16.77 -0.29 0.00	16.95 -0.32 0.00	17.83 -0.35 0.00	20.98 -0.38 0.00	21.75 -0.29 0.00	27.76 -0.33 0.00	20.37 -0.23 0.00	20.56 -0.33 0.00	22.89 -0.36 0.00	22.72 -0.35 0.00	23.57 -0.33 0.00	22.58 -0.32 0.00	21.30 -0.30 0.00	21.67 -0.31 0.00	20.91 -0.30 0.00	19.39 -0.21 0.00	20.11 -0.26 0.00	24.29 -0.32 0.00	24.64 -0.33 -0.04	23.89 -0.35 0.00	20.44 -0.34 0.00	18.85 -0.30 0.00
OUTOKUMPU-AB___DRP 24206	19.96 0.06 0.00	17.56 -0.13 0.00	16.91 -0.16 0.00	16.09 -0.31 0.87	17.55 -0.34 0.28	20.05 -0.38 0.93	10.80 -0.23 11.02	21.14 0.00 6.95	17.26 0.14 3.48	20.09 -0.16 0.64	19.13 -0.14 3.98	22.89 -0.17 0.00	23.66 -0.03 0.21	22.37 -0.09 0.43	21.46 -0.14 0.00	21.61 -0.37 0.00	20.63 -0.58 0.00	13.48 -0.17 5.95	11.35 -0.34 8.68	14.42 -0.39 9.80	14.66 -0.41 9.85	14.01 -0.51 9.71	10.08 -0.75 9.96	12.75 -0.61 5.80
OXBOW___ 24026	19.78 -0.12 0.00	17.39 -0.30 0.00	16.75 -0.31 0.00	15.95 -0.47 0.85	17.31 -0.51 0.35	19.26 -0.60 1.50	10.94 -0.36 10.75	15.30 -0.27 12.53	14.19 -0.04 6.37	19.89 -0.37 0.62	19.01 -0.38 3.86	22.65 -0.41 0.00	23.44 -0.26 0.20	22.07 -0.32 0.51	21.31 -0.29 0.00	21.38 -0.60 0.00	20.40 -0.81 0.00	13.55 -0.31 5.75	11.60 -0.40 8.37	14.54 -0.59 9.48	14.79 -0.61 9.52	14.12 -0.72 9.39	9.76 -0.88 10.14	10.39 -0.71 8.06
OXY_CHEM_DSASP 323612	19.48 -0.43 0.00	17.14 -0.55 0.00	16.50 -0.56 0.00	15.73 -0.72 0.82	17.12 -0.78 0.26	19.55 -0.93 0.87	10.86 -0.86 10.32	20.69 -0.79 6.62	16.88 -0.42 3.30	19.56 -0.72 0.60	18.74 -0.78 3.73	22.27 -0.80 0.00	23.03 -0.68 0.19	21.79 -0.70 0.40	20.89 -0.71 0.00	21.01 -0.97 0.00	20.04 -1.17 0.00	13.36 -0.68 5.56	11.40 -0.87 8.11	14.45 -1.01 9.15	14.69 -1.05 9.19	14.06 -1.11 9.07	10.21 -1.27 9.30	12.71 -1.05 5.40
OZONE_PARK_ESR 323760	21.63 1.73 0.00	19.20 1.52 0.00	18.56 1.50 0.00	18.79 1.51 -0.02	19.65 1.47 -0.01	23.13 1.75 -0.02	24.53 2.21 -0.27	31.19 2.92 -0.17	23.07 2.38 -0.08	23.15 2.24 -0.02	25.77 2.42 -0.10	25.47 2.40 0.00	26.33 2.43 0.00	25.28 2.37 -0.01	23.81 2.21 0.00	24.37 2.38 0.00	23.57 2.36 0.00	22.13 2.34 -0.19	23.01 2.36 -0.28	27.60 2.66 -0.32	28.47 2.73 -0.82	27.16 2.61 -0.32	23.21 2.11 -0.33	21.17 1.83 -0.19
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.48 -0.43 0.00	17.14 -0.55 0.00	16.50 -0.56 0.00	15.73 -0.72 0.82	17.12 -0.78 0.26	19.55 -0.93 0.87	10.86 -0.86 10.32	20.69 -0.79 6.62	16.88 -0.42 3.30	19.56 -0.72 0.60	18.74 -0.78 3.73	22.27 -0.80 0.00	23.03 -0.68 0.19	21.79 -0.70 0.40	20.89 -0.71 0.00	21.01 -0.97 0.00	20.04 -1.17 0.00	13.36 -0.68 5.56	11.40 -0.87 8.11	14.45 -1.01 9.15	14.69 -1.05 9.19	14.06 -1.11 9.07	10.21 -1.27 9.30	12.71 -1.05 5.40
PACKARD___115KV_DUPONT_184 80571	19.48 -0.43 0.00	17.14 -0.55 0.00	16.50 -0.56 0.00	15.73 -0.72 0.82	17.12 -0.78 0.26	19.55 -0.93 0.87	10.86 -0.86 10.32	20.69 -0.79 6.62	16.88 -0.42 3.30	19.56 -0.72 0.60	18.74 -0.78 3.73	22.27 -0.80 0.00	23.03 -0.68 0.19	21.79 -0.70 0.40	20.89 -0.71 0.00	21.01 -0.97 0.00	20.04 -1.17 0.00	13.36 -0.68 5.56	11.40 -0.87 8.11	14.45 -1.01 9.15	14.69 -1.05 9.19	14.06 -1.11 9.07	10.21 -1.27 9.30	12.71 -1.05 5.40
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.47 1.57 0.00	19.06 1.37 0.00	18.43 1.37 0.00	18.66 1.38 -0.02	19.52 1.34 -0.01	22.93 1.55 -0.02	24.37 2.05 -0.27	30.98 2.71 -0.17	22.91 2.22 -0.08	22.95 2.04 -0.02	25.52 2.17 -0.10	25.25 2.18 0.00	26.11 2.21 0.00	25.08 2.17 -0.01	23.64 2.04 0.00	24.16 2.18 0.00	23.36 2.15 0.00	21.94 2.15 -0.20	22.80 2.14 -0.28	27.32 2.39 -0.32	28.24 2.50 -0.82	26.92 2.36 -0.32	23.02 1.91 -0.33	21.15 1.67 -0.33

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.55 1.65 0.00	19.13 1.44 0.00	18.51 1.45 0.00	18.76 1.47 -0.02	19.60 1.42 -0.01	23.03 1.65 -0.02	24.45 2.13 -0.27	30.99 2.72 -0.17	22.90 2.21 -0.08	22.90 1.99 -0.02	25.48 2.13 -0.10	25.16 2.09 0.00	26.09 2.19 0.00	24.99 2.08 -0.01	23.55 1.95 0.00	24.07 2.08 0.00	23.28 2.07 0.00	21.86 2.07 -0.20	22.71 2.06 -0.28	27.24 2.31 -0.32	28.16 2.42 -0.82	26.85 2.30 -0.32	22.96 1.85 -0.33	21.10 1.61 -0.33
PATROON__115KV_TB1 80586	20.75 0.84 0.00	18.50 0.81 0.00	17.88 0.82 0.00	18.12 0.84 -0.02	18.97 0.79 -0.01	22.37 1.00 -0.02	23.51 1.26 -0.20	29.79 1.56 -0.13	21.82 1.16 -0.07	21.82 0.92 -0.01	24.29 0.97 -0.08	24.04 0.98 0.00	24.83 0.93 0.00	23.79 0.89 -0.01	22.29 0.69 0.00	22.77 0.79 0.00	22.11 0.90 0.00	20.65 0.90 -0.15	21.55 0.96 -0.22	25.93 1.07 -0.25	26.92 1.14 -0.86	25.51 1.03 -0.24	21.73 0.70 -0.25	19.90 0.60 -0.14
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.47 0.56 0.00	18.03 0.34 0.00	17.39 0.32 0.00	16.56 0.18 0.89	18.05 0.19 0.31	20.65 0.24 0.94	11.25 0.41 11.20	21.89 0.82 7.03	17.79 0.71 3.52	20.72 0.48 0.66	19.76 0.56 4.05	23.59 0.52 0.00	24.37 0.68 0.21	23.00 0.56 0.46	22.09 0.48 0.00	22.32 0.33 0.00	21.32 0.11 0.00	13.86 0.41 6.14	11.66 0.25 8.96	14.80 0.32 10.13	15.03 0.28 10.18	14.37 0.18 10.04	10.37 -0.11 10.30	13.06 -0.06 6.04
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.45 1.55 0.00	19.07 1.37 0.00	18.42 1.36 0.00	18.66 1.38 -0.02	19.53 1.35 -0.01	23.00 1.62 -0.02	24.40 2.08 -0.27	31.00 2.73 -0.17	22.85 2.16 -0.08	22.87 1.97 -0.02	25.47 2.12 -0.10	25.16 2.09 0.00	26.04 2.13 0.00	24.98 2.07 -0.01	23.52 1.92 0.00	24.07 2.09 0.00	23.32 2.11 0.00	21.90 2.11 -0.19	22.80 2.15 -0.28	27.39 2.46 -0.32	28.28 2.54 -0.82	26.93 2.38 -0.31	22.99 1.89 -0.32	20.99 1.65 -0.18
PEEKSKILL____ 23653	21.32 1.42 0.00	18.95 1.25 0.00	18.31 1.25 0.00	18.53 1.26 0.00	19.40 1.22 0.00	22.83 1.47 0.00	23.91 1.86 0.00	30.58 2.49 0.00	22.60 1.99 0.00	22.72 1.83 0.00	25.21 1.97 0.00	25.02 1.95 0.00	25.86 1.95 0.00	24.82 1.92 0.00	23.37 1.76 0.00	23.93 1.95 0.00	23.16 1.95 0.00	21.55 1.96 0.00	22.33 1.96 0.00	26.84 2.23 0.00	27.72 2.31 -0.49	26.42 2.18 0.00	22.50 1.72 0.00	20.65 1.49 0.00
PGE MADISON__WINDPWR 24146	21.52 1.61 0.00	18.95 1.26 0.00	18.29 1.22 0.00	18.61 1.19 -0.15	19.51 1.28 -0.06	23.32 1.71 -0.26	26.10 2.20 -1.86	33.12 2.85 -2.17	23.58 1.88 -1.11	22.51 1.51 -0.11	25.46 1.53 -0.68	24.54 1.47 0.00	25.43 1.49 -0.04	24.40 1.41 -0.09	23.08 1.48 0.00	23.61 1.62 0.00	22.86 1.65 0.00	22.56 1.75 -1.22	24.00 1.86 -1.77	28.98 2.35 -2.01	29.38 2.27 -2.20	28.42 2.20 -1.99	24.49 1.56 -2.15	22.16 1.30 -1.71
PIERCEFIELD__HYD 23852	19.31 -0.59 0.00	17.11 -0.58 0.00	16.47 -0.59 0.00	16.72 -0.55 0.00	17.71 -0.46 0.00	20.78 -0.58 0.00	21.06 -0.98 0.00	26.81 -1.29 0.00	19.38 -1.22 0.00	20.04 -0.85 0.00	22.29 -0.97 0.00	22.21 -0.86 0.00	23.03 -0.87 0.00	22.01 -0.89 0.00	20.76 -0.84 0.00	21.09 -0.90 0.00	20.14 -1.07 0.00	18.55 -1.06 -0.01	19.40 -0.99 -0.02	23.53 -1.10 -0.02	23.85 -1.10 -0.03	23.19 -1.07 -0.02	20.11 -0.69 -0.02	18.56 -0.61 -0.01
PINELAWN_CC_1 323563	48.07 2.03 -26.13	19.45 1.76 0.00	18.79 1.73 0.00	19.01 1.74 0.00	19.86 1.68 0.00	23.38 2.02 0.00	24.66 2.53 -0.08	31.55 3.46 0.00	23.16 2.56 0.00	23.21 2.32 0.00	26.17 2.60 -0.32	27.99 2.59 -2.34	33.22 2.55 -6.77	46.47 2.58 -21.00	36.06 2.39 -12.07	60.02 2.59 -35.45	35.86 2.58 -12.07	88.42 2.54 -66.28	33.96 2.57 -11.02	61.01 2.92 -33.48	38.04 3.01 -10.10	27.09 2.85 0.00	23.12 2.34 0.00	21.12 1.97 0.00
PJM_GEN_HTP_PROXY 323702	21.45 1.55 0.00	19.05 1.36 0.00	18.42 1.35 0.00	18.63 1.37 0.00	19.50 1.33 0.00	22.93 1.57 0.00	23.79 1.98 0.24	30.74 2.64 0.00	22.76 2.16 0.00	22.91 2.02 0.00	25.43 2.18 0.00	25.22 2.16 0.00	26.07 2.17 0.00	25.03 2.13 0.00	23.55 1.95 0.00	24.14 2.15 0.00	23.34 2.13 0.00	21.66 2.12 0.06	22.47 2.10 0.00	27.00 2.38 0.00	27.87 2.45 -0.49	26.58 2.34 0.00	22.66 1.88 0.00	20.78 1.62 0.00
PJM_GEN_KEystone 24065	20.72 0.82 0.00	18.38 0.69 0.00	17.78 0.72 0.00	17.79 0.67 0.15	18.75 0.64 0.06	21.88 0.79 0.26	21.06 1.14 2.13	27.44 1.57 2.23	20.71 1.25 1.14	21.85 1.07 0.11	23.73 1.17 0.69	24.19 1.13 0.00	25.07 1.20 0.04	23.94 1.13 0.09	22.65 1.04 0.00	23.05 1.07 0.00	22.19 0.98 0.00	19.68 1.12 1.03	20.00 1.05 1.42	24.18 1.18 1.61	24.79 1.19 1.32	23.73 1.09 1.60	19.85 0.79 1.73	18.46 0.67 1.37
PJM_GEN_NEPTUNE_PROXY 323594	36.25 1.82 -14.52	19.27 1.58 0.00	18.62 1.56 0.00	18.83 1.57 0.00	19.68 1.51 0.00	23.15 1.80 0.00	24.12 2.27 0.19	31.17 3.08 0.00	22.91 2.31 0.00	22.98 2.09 0.00	25.79 2.36 -0.18	26.73 2.36 -1.30	30.02 2.35 -3.76	36.91 2.34 -11.67	30.46 2.15 -6.71	44.03 2.34 -19.71	30.25 2.33 -6.71	58.73 2.31 -36.82	28.81 2.31 -6.13	45.88 2.64 -18.63	33.48 2.71 -5.84	26.79 2.56 0.00	22.85 2.07 0.00	20.91 1.75 0.00
PJM_GEN_VFT_PROXY 323633	21.36 1.46 0.00	18.97 1.28 0.00	18.35 1.28 0.00	18.56 1.29 0.00	19.41 1.24 0.00	22.81 1.46 0.00	23.67 1.87 0.24	30.57 2.48 0.00	22.66 2.06 0.00	22.84 1.95 0.00	25.31 2.06 0.00	25.10 2.03 0.00	25.95 2.05 0.00	24.90 2.01 0.00	23.44 1.84 0.00	24.02 2.04 0.00	23.23 2.02 0.00	21.56 2.02 0.06	22.36 1.99 0.00	26.87 2.26 0.00	27.75 2.33 -0.49	26.45 2.22 0.00	22.55 1.76 0.00	20.68 1.52 0.00
PLATSBRG_115KV_PMLD1 355749	19.99 0.08 0.00	17.74 0.05 0.00	17.10 0.04 0.00	17.42 0.15 0.00	18.39 0.21 0.00	21.66 0.30 0.00	22.31 0.27 0.00	28.40 0.30 0.00	20.92 0.32 0.00	21.50 0.61 0.00	23.86 0.61 0.00	23.47 0.40 0.00	23.95 0.05 0.00	22.95 0.05 0.00	21.55 -0.06 0.00	22.01 0.03 0.00	21.13 -0.08 0.00	19.62 0.02 0.00	20.53 0.16 0.00	25.00 0.38 0.00	25.36 0.44 0.00	24.39 0.15 0.00	20.84 0.06 0.00	19.28 0.12 0.00
PLEASANTVLY__LBMP 24000	21.18 1.28 0.00	18.84 1.15 0.00	18.21 1.15 0.00	18.45 1.17 -0.02	19.30 1.12 -0.01	22.71 1.33 -0.02	24.04 1.73 -0.26	30.52 2.25 -0.17	22.49 1.81 -0.08	22.52 1.61 -0.02	25.08 1.73 -0.10	24.78 1.72 0.00	25.63 1.72 0.00	24.60 1.69 -0.01	23.15 1.55 0.00	23.70 1.71 0.00	22.96 1.75 0.00	21.56 1.77 -0.19	22.45 1.80 -0.28	26.93 2.01 -0.31	27.84 2.09 -0.82	26.50 1.95 -0.31	22.64 1.54 -0.32	20.69 1.35 -0.18
PLSNTVLE_13_KV_13.8KVDIST 80602	21.39 1.49 0.00	19.02 1.33 0.00	18.37 1.31 0.00	18.61 1.32 -0.02	19.47 1.28 -0.01	22.91 1.53 -0.02	24.29 1.98 -0.27	30.86 2.59 -0.17	22.77 2.08 -0.08	22.82 1.91 -0.02	25.41 2.06 -0.10	25.12 2.05 0.00	25.97 2.06 0.00	24.93 2.02 -0.01	23.47 1.87 0.00	24.02 2.04 0.00	23.27 2.06 0.00	21.84 2.05 -0.19	22.73 2.07 -0.28	27.28 2.35 -0.32	28.18 2.43 -0.82	26.84 2.29 -0.32	22.92 1.82 -0.32	20.93 1.59 -0.18

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.39 1.49 0.00	19.02 1.33 0.00	18.37 1.31 0.00	18.61 1.32 -0.02	19.47 1.28 -0.01	22.91 1.53 -0.02	24.29 1.98 -0.27	30.86 2.59 -0.17	22.77 2.08 -0.08	22.82 1.91 -0.02	25.41 2.06 -0.10	25.12 2.05 0.00	25.97 2.06 0.00	24.93 2.02 -0.01	23.47 1.87 0.00	24.02 2.04 0.00	23.27 2.06 0.00	21.84 2.05 -0.19	22.73 2.07 -0.28	27.28 2.35 -0.32	28.18 2.43 -0.82	26.84 2.29 -0.32	22.92 1.82 -0.32	20.93 1.59 -0.18
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.29 1.38 0.00	18.93 1.24 0.00	18.30 1.23 0.00	18.54 1.25 -0.02	19.40 1.21 -0.01	22.83 1.45 -0.02	24.20 1.89 -0.26	30.73 2.46 -0.17	22.64 1.95 -0.08	22.63 1.73 -0.02	25.20 1.85 -0.10	24.88 1.81 0.00	25.74 1.84 0.00	24.72 1.81 -0.01	23.27 1.67 0.00	23.83 1.85 0.00	23.10 1.89 0.00	21.71 1.93 -0.19	22.62 1.97 -0.28	27.16 2.24 -0.31	28.07 2.32 -0.82	26.71 2.16 -0.31	22.81 1.71 -0.32	20.84 1.50 -0.18
POLETTI____ 23519	21.46 1.55 0.00	19.05 1.36 0.00	18.42 1.35 0.00	18.65 1.36 -0.02	19.50 1.32 -0.01	22.93 1.55 -0.02	24.29 1.97 -0.27	30.86 2.59 -0.17	22.83 2.14 -0.08	22.91 2.00 -0.02	25.51 2.16 -0.10	25.21 2.14 0.00	26.07 2.16 0.00	25.03 2.12 -0.01	23.57 1.97 0.00	24.13 2.14 0.00	23.33 2.12 0.00	21.90 2.11 -0.19	22.77 2.11 -0.28	27.29 2.36 -0.32	28.17 2.42 -0.82	26.86 2.31 -0.32	22.99 1.88 -0.33	20.98 1.63 -0.19
PORT_JEFF_3 23555	48.14 2.10 -26.13	19.51 1.81 0.00	18.85 1.79 0.00	19.06 1.80 0.00	19.91 1.74 0.00	23.39 2.03 0.00	24.66 2.53 -0.08	31.55 3.45 0.00	23.13 2.53 0.00	23.13 2.23 0.00	26.00 2.43 -0.32	27.81 2.41 -2.34	33.00 2.33 -6.77	46.30 2.40 -21.00	35.92 2.25 -12.07	59.89 2.46 -35.45	35.77 2.49 -12.07	88.35 2.47 -66.28	33.91 2.52 -11.02	60.94 2.85 -33.48	37.96 2.93 -10.10	27.01 2.78 0.00	23.08 2.30 0.00	21.08 1.92 0.00
PORT_JEFF_4 23616	48.14 2.10 -26.13	19.51 1.81 0.00	18.85 1.79 0.00	19.06 1.80 0.00	19.91 1.74 0.00	23.39 2.03 0.00	24.66 2.53 -0.08	31.55 3.45 0.00	23.13 2.53 0.00	23.13 2.23 0.00	26.00 2.43 -0.32	27.81 2.41 -2.34	33.00 2.33 -6.77	46.30 2.40 -21.00	35.92 2.25 -12.07	59.89 2.46 -35.45	35.77 2.49 -12.07	88.35 2.47 -66.28	33.91 2.52 -11.02	60.94 2.85 -33.48	37.96 2.93 -10.10	27.01 2.78 0.00	23.08 2.30 0.00	21.08 1.92 0.00
PORT_JEFF_IC 23713	48.16 2.11 -26.13	19.52 1.83 0.00	18.86 1.80 0.00	19.07 1.81 0.00	19.92 1.75 0.00	23.41 2.06 0.00	24.69 2.56 -0.08	31.58 3.48 0.00	23.15 2.55 0.00	23.15 2.26 0.00	26.02 2.45 -0.32	27.83 2.42 -2.34	33.00 2.34 -6.77	46.32 2.42 -21.00	35.95 2.27 -12.07	59.92 2.49 -35.45	35.79 2.51 -12.07	88.37 2.49 -66.28	33.94 2.55 -11.02	60.97 2.88 -33.48	38.00 2.97 -10.10	27.05 2.81 0.00	23.10 2.32 0.00	21.09 1.94 0.00
PPL PILGRIM_ST_GT1 24216	48.21 2.16 -26.13	19.56 1.87 0.00	18.91 1.84 0.00	19.12 1.86 0.00	19.98 1.81 0.00	23.50 2.14 0.00	24.79 2.66 -0.08	31.72 3.62 0.00	23.26 2.66 0.00	23.27 2.38 0.00	26.23 2.66 -0.32	28.05 2.64 -2.34	33.27 2.60 -6.77	46.53 2.63 -21.00	36.12 2.45 -12.07	60.09 2.66 -35.45	35.94 2.66 -12.07	88.48 2.60 -66.28	33.98 2.59 -11.02	60.98 2.89 -33.48	38.02 2.99 -10.10	27.12 2.88 0.00	23.21 2.43 0.00	21.20 2.04 0.00
PPL PILGRIM_ST_GT2 24217	48.21 2.16 -26.13	19.56 1.87 0.00	18.91 1.84 0.00	19.12 1.86 0.00	19.98 1.81 0.00	23.50 2.14 0.00	24.79 2.66 -0.08	31.72 3.62 0.00	23.26 2.66 0.00	23.27 2.38 0.00	26.23 2.66 -0.32	28.05 2.64 -2.34	33.27 2.60 -6.77	46.53 2.63 -21.00	36.12 2.45 -12.07	60.09 2.66 -35.45	35.94 2.66 -12.07	88.48 2.60 -66.28	33.98 2.59 -11.02	60.98 2.89 -33.48	38.02 2.99 -10.10	27.12 2.88 0.00	23.21 2.43 0.00	21.20 2.04 0.00
PPL_SHRM_GT3 24213	48.07 2.03 -26.13	19.45 1.76 0.00	18.80 1.73 0.00	19.01 1.75 0.00	19.85 1.68 0.00	23.30 1.95 0.00	24.52 2.39 -0.08	31.34 3.24 0.00	22.95 2.35 0.00	22.85 1.96 0.00	25.56 1.99 -0.32	27.36 1.96 -2.34	32.58 1.92 -6.77	45.87 1.97 -21.00	35.53 1.85 -12.07	59.51 2.07 -35.45	35.43 2.14 -12.07	88.03 2.15 -66.28	33.59 2.20 -11.02	60.57 2.48 -33.48	37.59 2.56 -10.10	26.65 2.41 0.00	22.77 1.98 0.00	20.80 1.64 0.00
PPL_SHRM_GT4 24214	48.07 2.03 -26.13	19.45 1.76 0.00	18.80 1.73 0.00	19.01 1.75 0.00	19.85 1.68 0.00	23.30 1.95 0.00	24.52 2.39 -0.08	31.34 3.24 0.00	22.95 2.35 0.00	22.85 1.96 0.00	25.56 1.99 -0.32	27.36 1.96 -2.34	32.58 1.92 -6.77	45.87 1.97 -21.00	35.53 1.85 -12.07	59.51 2.07 -35.45	35.43 2.14 -12.07	88.03 2.15 -66.28	33.59 2.20 -11.02	60.57 2.48 -33.48	37.59 2.56 -10.10	26.65 2.41 0.00	22.77 1.98 0.00	20.80 1.64 0.00
PROJECT____ORANGE 1 24174	19.84 -0.07 0.00	17.59 -0.10 0.00	16.96 -0.10 0.00	17.14 -0.13 0.00	18.03 -0.14 0.00	21.24 -0.11 0.00	22.13 0.02 -0.07	28.23 0.07 -0.07	20.70 0.07 -0.03	20.85 -0.05 0.00	23.25 -0.04 -0.04	23.06 -0.01 0.00	23.92 0.02 0.00	22.92 0.01 -0.01	21.62 0.02 0.00	22.00 0.02 0.00	21.22 0.02 0.00	19.80 0.10 -0.10	20.56 0.04 -0.15	24.82 0.04 -0.17	25.19 0.04 -0.22	24.38 -0.02 -0.17	20.88 -0.08 -0.17	19.17 -0.08 -0.10
PROJECT____ORANGE 2 24166	19.84 -0.07 0.00	17.59 -0.10 0.00	16.96 -0.10 0.00	17.14 -0.13 0.00	18.03 -0.14 0.00	21.24 -0.11 0.00	22.13 0.02 -0.07	28.23 0.07 -0.07	20.70 0.07 -0.03	20.85 -0.05 0.00	23.25 -0.04 -0.04	23.06 -0.01 0.00	23.92 0.02 0.00	22.92 0.01 -0.01	21.62 0.02 0.00	22.00 0.02 0.00	21.22 0.02 0.00	19.80 0.10 -0.10	20.56 0.04 -0.15	24.82 0.04 -0.17	25.19 0.04 -0.22	24.38 -0.02 -0.17	20.88 -0.08 -0.17	19.17 -0.08 -0.10
PUCKETT____SOLAR 323809	20.71 0.81 0.00	18.37 0.68 0.00	17.73 0.67 0.00	17.91 0.64 0.00	18.85 0.67 0.00	22.23 0.88 0.00	23.25 1.20 0.00	29.67 1.57 0.00	21.70 1.10 0.00	21.77 0.88 0.00	24.19 0.94 0.00	23.95 0.88 0.00	24.82 0.92 0.00	23.83 0.93 0.00	22.50 0.90 0.00	22.94 0.95 0.00	22.11 0.90 0.00	20.60 1.01 0.00	21.36 0.99 0.00	25.80 1.19 0.00	26.26 1.17 -0.17	25.31 1.07 0.00	21.61 0.83 0.00	19.83 0.67 0.00
PYRITES____HYD 24023	19.77 -0.13 0.00	17.55 -0.14 0.00	16.90 -0.16 0.00	17.15 -0.12 0.00	18.18 0.01 0.00	21.31 -0.05 0.00	21.61 -0.44 0.00	27.41 -0.69 0.00	19.77 -0.83 0.00	20.43 -0.46 0.00	22.74 -0.51 0.00	22.66 -0.40 0.00	23.56 -0.34 0.00	22.47 -0.43 0.00	21.20 -0.41 0.00	21.53 -0.45 0.00	20.57 -0.64 0.00	18.96 -0.65 -0.01	19.83 -0.56 -0.02	24.06 -0.58 -0.02	24.38 -0.57 -0.03	23.73 -0.53 -0.02	20.54 -0.26 -0.02	18.96 -0.21 -0.01
QUAKERRD_115KV_BK1 80622	20.06 0.16 0.00	17.72 0.03 0.00	17.07 0.01 0.00	17.01 -0.11 0.15	18.02 -0.11 0.05	21.10 -0.09 0.17	20.13 -0.01 1.90	27.02 0.23 1.31	20.19 0.25 0.65	20.88 0.10 0.11	22.63 0.06 0.68	23.17 0.10 0.00	24.09 0.22 0.03	22.99 0.17 0.07	21.77 0.16 0.00	22.02 0.04 0.00	21.12 -0.09 0.00	19.13 0.03 0.50	19.54 -0.10 0.73	23.68 -0.10 0.82	24.05 -0.10 0.77	23.24 -0.18 0.82	19.60 -0.34 0.84	18.38 -0.28 0.49

RAVENSWOOD_GT_5 24254	21.45 1.54 0.00	19.05 1.36 0.00	18.42 1.35 0.00	18.62 1.36 0.00	19.49 1.32 0.00	22.91 1.56 0.00	24.01 1.97 0.00	30.73 2.63 0.00	22.75 2.15 0.00	22.90 2.01 0.00	25.41 2.16 0.00	25.21 2.15 0.00	26.05 2.15 0.00	25.01 2.11 0.00	23.55 1.94 0.00	24.12 2.13 0.00	23.33 2.12 0.00	21.71 2.11 0.00	22.47 2.09 0.00	26.99 2.38 0.00	27.87 2.45 -0.49	26.56 2.32 0.00	22.64 1.86 0.00	20.88 1.61 -0.11
RAVENSWOOD_GT_6 24253	21.45 1.54 0.00	19.05 1.36 0.00	18.42 1.35 0.00	18.62 1.36 0.00	19.49 1.32 0.00	22.91 1.56 0.00	24.01 1.97 0.00	30.73 2.63 0.00	22.75 2.15 0.00	22.90 2.01 0.00	25.41 2.16 0.00	25.21 2.15 0.00	26.05 2.15 0.00	25.01 2.11 0.00	23.55 1.94 0.00	24.12 2.13 0.00	23.33 2.12 0.00	21.71 2.11 0.00	22.47 2.09 0.00	26.99 2.38 0.00	27.87 2.45 -0.49	26.56 2.32 0.00	22.64 1.86 0.00	20.88 1.61 -0.11
RAVENSWOOD_GT_7 24255	21.45 1.54 0.00	19.05 1.36 0.00	18.42 1.35 0.00	18.62 1.36 0.00	19.49 1.32 0.00	22.91 1.56 0.00	24.01 1.97 0.00	30.73 2.63 0.00	22.75 2.15 0.00	22.90 2.01 0.00	25.41 2.16 0.00	25.21 2.15 0.00	26.05 2.15 0.00	25.01 2.11 0.00	23.55 1.94 0.00	24.12 2.13 0.00	23.33 2.12 0.00	21.71 2.11 0.00	22.47 2.09 0.00	26.99 2.38 0.00	27.87 2.45 -0.49	26.56 2.32 0.00	22.64 1.86 0.00	20.88 1.61 -0.11
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.46 1.56 0.00	19.06 1.37 0.00	18.42 1.36 0.00	18.63 1.37 0.00	19.50 1.33 0.00	22.92 1.57 0.00	24.03 1.98 0.00	30.74 2.64 0.00	22.76 2.16 0.00	22.91 2.02 0.00	25.43 2.18 0.00	25.22 2.15 0.00	26.07 2.17 0.00	25.03 2.13 0.00	23.56 1.96 0.00	24.14 2.15 0.00	23.35 2.14 0.00	21.72 2.12 0.00	22.47 2.10 0.00	27.00 2.39 0.00	27.87 2.46 -0.49	26.58 2.34 0.00	22.65 1.87 0.00	20.79 1.62 -0.02
RAVENSWOOD_GT_9 24257	21.46 1.56 0.00	19.06 1.37 0.00	18.42 1.36 0.00	18.63 1.37 0.00	19.50 1.33 0.00	22.92 1.57 0.00	24.03 1.98 0.00	30.74 2.64 0.00	22.76 2.16 0.00	22.91 2.02 0.00	25.43 2.18 0.00	25.22 2.15 0.00	26.07 2.17 0.00	25.03 2.13 0.00	23.56 1.96 0.00	24.14 2.15 0.00	23.35 2.14 0.00	21.72 2.12 0.00	22.47 2.10 0.00	27.00 2.39 0.00	27.87 2.46 -0.49	26.58 2.34 0.00	22.65 1.87 0.00	20.79 1.62 -0.02
RAVENSWOOD___1 23533	21.53 1.62 0.00	19.11 1.42 0.00	18.47 1.41 0.00	18.68 1.42 0.00	19.56 1.39 0.00	22.98 1.62 0.00	24.11 2.06 0.00	30.86 2.76 0.00	22.85 2.25 0.00	23.00 2.11 0.00	25.51 2.26 0.00	25.31 2.24 0.00	26.16 2.26 0.00	25.12 2.22 0.00	23.65 2.05 0.00	24.22 2.24 0.00	23.43 2.22 0.00	21.81 2.21 0.00	22.54 2.17 0.00	27.08 2.47 0.00	27.97 2.55 -0.49	26.65 2.42 0.00	22.73 1.94 0.00	20.99 1.69 -0.14
RAVENSWOOD___2 23534	21.53 1.62 0.00	19.11 1.42 0.00	18.47 1.41 0.00	18.68 1.42 0.00	19.56 1.39 0.00	22.98 1.62 0.00	24.11 2.06 0.00	30.86 2.76 0.00	22.85 2.25 0.00	23.00 2.11 0.00	25.51 2.26 0.00	25.31 2.24 0.00	26.16 2.26 0.00	25.12 2.22 0.00	23.65 2.05 0.00	24.22 2.24 0.00	23.43 2.22 0.00	21.81 2.21 0.00	22.54 2.17 0.00	27.08 2.47 0.00	27.97 2.55 -0.49	26.65 2.42 0.00	22.73 1.94 0.00	20.99 1.69 -0.14
RAVENSWOOD___3 23535	21.47 1.56 0.00	19.06 1.37 0.00	18.43 1.36 0.00	18.64 1.37 0.00	19.51 1.33 0.00	22.93 1.57 0.00	24.03 1.99 0.00	30.75 2.65 0.00	22.77 2.17 0.00	22.92 2.03 0.00	25.43 2.18 0.00	25.23 2.16 0.00	26.08 2.18 0.00	25.03 2.13 0.00	23.56 1.96 0.00	24.14 2.15 0.00	23.35 2.14 0.00	21.73 2.13 0.00	22.48 2.11 0.00	27.01 2.40 0.00	27.89 2.47 -0.49	26.58 2.35 0.00	22.66 1.88 0.00	20.79 1.63 0.00
RAVENSWOOD___4 23820	21.53 1.62 0.00	19.11 1.42 0.00	18.47 1.41 0.00	18.68 1.42 0.00	19.56 1.39 0.00	22.98 1.62 0.00	24.11 2.06 0.00	30.86 2.76 0.00	22.85 2.25 0.00	23.00 2.11 0.00	25.51 2.26 0.00	25.31 2.24 0.00	26.16 2.26 0.00	25.12 2.22 0.00	23.65 2.05 0.00	24.22 2.24 0.00	23.43 2.22 0.00	21.81 2.21 0.00	22.54 2.17 0.00	27.08 2.47 0.00	27.97 2.55 -0.49	26.65 2.42 0.00	22.73 1.94 0.00	20.99 1.69 -0.14
RCPL_TRUST___DRP 24196	21.49 1.59 0.00	19.08 1.39 0.00	18.45 1.39 0.00	18.68 1.40 -0.02	19.54 1.36 -0.01	22.99 1.61 -0.02	24.37 2.06 -0.27	30.98 2.71 -0.17	22.91 2.22 -0.08	22.99 2.08 -0.02	25.60 2.25 -0.10	25.29 2.22 0.00	26.16 2.25 0.00	25.11 2.20 -0.01	23.64 2.04 0.00	24.20 2.21 0.00	23.41 2.20 0.00	21.98 2.19 -0.19	22.84 2.19 -0.28	27.38 2.45 -0.32	28.25 2.51 -0.82	26.95 2.39 -0.32	23.04 1.93 -0.33	21.01 1.67 -0.19
RED___ROCHESTER 323720	20.36 0.46 0.00	17.96 0.27 0.00	17.31 0.24 0.00	17.19 0.11 0.19	18.22 0.12 0.08	21.23 0.21 0.33	20.04 0.41 2.41	26.04 0.74 2.79	19.82 0.63 1.42	21.19 0.44 0.14	22.86 0.46 0.85	23.56 0.50 0.00	24.48 0.62 0.04	23.35 0.57 0.11	22.18 0.58 0.00	22.37 0.39 0.00	21.46 0.25 0.00	20.01 0.41 0.00	20.69 0.32 0.00	24.94 0.33 0.00	25.32 0.33 -0.07	24.45 0.21 0.00	20.76 -0.02 0.00	19.16 0.00 0.00
REGAN___SOLAR 323812	21.78 1.87 0.00	19.29 1.60 0.00	18.61 1.54 0.00	18.80 1.54 0.00	19.84 1.66 0.00	23.42 2.06 0.00	24.35 2.31 0.00	30.94 2.84 0.00	22.33 1.73 0.00	22.37 1.48 0.00	24.68 1.43 0.00	24.25 1.18 0.00	25.19 1.28 0.00	24.13 1.23 0.00	22.82 1.22 0.00	23.40 1.41 0.00	22.95 1.74 0.00	21.41 1.81 0.00	22.29 1.92 0.00	27.01 2.40 0.00	28.07 2.45 -0.70	26.55 2.32 0.00	22.65 1.87 0.00	20.84 1.68 0.00
RENSSELAER___COGEN 23796	20.55 0.64 0.00	18.35 0.66 0.00	17.74 0.67 0.00	17.96 0.70 0.00	18.81 0.63 0.00	22.16 0.80 0.00	23.07 1.03 0.00	29.36 1.26 0.00	21.53 0.93 0.00	21.57 0.68 0.00	23.95 0.70 0.00	23.79 0.73 0.00	24.57 0.67 0.00	23.51 0.61 0.00	22.14 0.54 0.00	22.70 0.72 0.00	22.05 0.84 0.00	20.42 0.82 0.00	21.26 0.89 0.00	25.61 0.99 0.00	26.59 1.07 -0.60	25.20 0.97 0.00	21.42 0.64 0.00	19.71 0.55 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.18 2.28 0.00	19.74 2.05 0.00	19.04 1.98 0.00	19.30 2.02 -0.02	20.29 2.12 0.00	24.08 2.71 -0.02	25.48 3.23 -0.20	32.31 4.08 -0.13	23.40 2.74 -0.06	23.29 2.39 -0.01	25.78 2.46 -0.08	25.44 2.37 0.00	26.37 2.46 0.00	25.15 2.25 -0.01	23.59 1.99 0.00	24.22 2.24 0.00	23.71 2.50 0.00	22.45 2.71 -0.15	23.46 2.87 -0.21	28.23 3.38 -0.24	29.28 3.49 -0.87	27.64 3.16 -0.24	23.25 2.23 -0.24	21.38 2.09 -0.14
REVERE_CPPR_DRP 24186	20.51 0.61 0.00	18.11 0.41 0.00	17.43 0.37 0.00	17.63 0.35 -0.01	18.59 0.41 0.00	21.95 0.58 -0.01	22.90 0.74 -0.12	29.15 0.98 -0.07	21.25 0.61 -0.04	21.35 0.45 -0.01	23.69 0.39 -0.05	23.41 0.34 0.00	24.36 0.45 0.00	23.24 0.34 -0.01	21.86 0.26 0.00	22.32 0.34 0.00	21.62 0.41 0.00	20.21 0.51 -0.10	21.09 0.58 -0.15	25.52 0.74 -0.17	25.88 0.75 -0.20	25.07 0.67 -0.17	21.46 0.51 -0.17	19.66 0.41 -0.09

REYNOLDS_115KV_TB3 80639	20.83 0.92 0.00	18.60 0.91 0.00	17.98 0.91 0.00	18.22 0.94 -0.02	19.04 0.86 -0.01	22.46 1.09 -0.02	23.58 1.33 -0.21	29.82 1.59 -0.13	21.84 1.17 -0.07	21.78 0.88 -0.01	24.24 0.91 -0.08	24.01 0.94 0.00	24.78 0.88 0.00	23.75 0.85 -0.01	22.37 0.76 0.00	22.94 0.96 0.00	22.33 1.12 0.00	20.82 1.07 -0.15	21.77 1.18 -0.22	26.17 1.31 -0.25	27.21 1.44 -0.85	25.74 1.26 -0.25	21.88 0.85 -0.25	20.05 0.75 -0.14
RIVERBAY____ 323610	21.55 1.65 0.00	19.13 1.44 0.00	18.51 1.45 0.00	18.76 1.47 -0.02	19.60 1.42 -0.01	23.03 1.65 -0.02	24.45 2.13 -0.27	30.99 2.72 -0.17	22.90 2.21 -0.08	22.90 1.99 -0.02	25.48 2.13 -0.10	25.16 2.09 0.00	26.09 2.19 0.00	24.99 2.08 -0.01	23.55 1.95 0.00	24.07 2.08 0.00	23.28 2.07 0.00	21.86 2.07 -0.20	22.71 2.06 -0.28	27.24 2.31 -0.32	28.16 2.42 -0.82	26.85 2.30 -0.32	22.96 1.85 -0.33	21.10 1.61 -0.33
RIVERSDE_115KV_TB3 55908	20.65 0.74 0.00	18.44 0.75 0.00	17.82 0.76 0.00	18.07 0.78 -0.02	18.90 0.72 -0.01	22.28 0.91 -0.02	23.40 1.15 -0.21	29.63 1.40 -0.13	21.71 1.04 -0.07	21.69 0.79 -0.01	24.14 0.81 -0.08	23.90 0.84 0.00	24.69 0.78 0.00	23.64 0.74 -0.01	22.25 0.65 0.00	22.79 0.81 0.00	22.15 0.94 0.00	20.67 0.92 -0.15	21.59 1.00 -0.22	25.96 1.10 -0.25	26.97 1.19 -0.86	25.55 1.06 -0.25	21.75 0.72 -0.25	19.92 0.62 -0.14
ROARING____BROOK_WT_PWR 323790	19.51 -0.40 0.00	17.05 -0.64 0.00	16.42 -0.65 0.00	16.64 -0.62 0.00	17.65 -0.52 0.00	20.74 -0.62 0.00	21.21 -0.83 0.00	27.31 -0.79 0.00	20.20 -0.40 0.00	20.43 -0.45 0.00	22.61 -0.64 0.00	22.41 -0.65 0.00	23.29 -0.61 0.00	22.40 -0.50 0.00	21.11 -0.49 0.00	21.39 -0.59 0.00	20.59 -0.62 0.00	19.06 -0.53 0.00	19.85 -0.52 0.00	24.10 -0.51 0.00	24.37 -0.55 0.00	23.70 -0.53 0.00	20.46 -0.32 0.00	18.78 -0.38 0.00
ROCHESRG_115KV_T4 355643	20.12 0.21 0.00	17.75 0.06 0.00	17.11 0.05 0.00	16.97 -0.08 0.21	18.02 -0.09 0.07	21.07 -0.06 0.23	19.41 0.02 2.66	26.64 0.30 1.76	20.04 0.31 0.88	20.88 0.14 0.16	22.41 0.12 0.95	23.23 0.16 0.00	24.13 0.27 0.05	23.02 0.23 0.11	21.82 0.21 0.00	22.06 0.08 0.00	21.14 -0.06 0.00	18.73 0.08 0.94	18.93 -0.06 1.38	23.00 -0.06 1.55	23.36 -0.05 1.51	22.55 -0.14 1.54	18.85 -0.34 1.58	17.95 -0.27 0.94
ROCHESTER_9_IC 23652	20.24 0.34 0.00	17.86 0.17 0.00	17.22 0.15 0.00	17.10 0.02 0.19	18.15 0.03 0.06	21.24 0.09 0.21	19.86 0.19 2.36	27.05 0.52 1.56	20.29 0.46 0.78	21.05 0.30 0.14	22.70 0.30 0.85	23.40 0.34 0.00	24.31 0.45 0.04	23.21 0.41 0.09	21.98 0.38 0.00	22.23 0.24 0.00	21.31 0.10 0.00	19.05 0.23 0.78	19.33 0.09 1.13	23.47 0.13 1.28	23.83 0.13 1.23	23.01 0.04 1.27	19.28 -0.20 1.30	18.24 -0.14 0.77
ROCKVIEW_13_KV_LD 356306	21.45 1.55 0.00	19.05 1.36 0.00	18.42 1.36 0.00	18.65 1.37 -0.02	19.51 1.33 -0.01	22.97 1.59 -0.02	24.35 2.03 -0.27	30.95 2.68 -0.17	22.84 2.16 -0.08	22.90 2.00 -0.02	25.51 2.16 -0.10	25.21 2.14 0.00	26.07 2.16 0.00	25.02 2.11 -0.01	23.57 1.96 0.00	24.12 2.13 0.00	23.35 2.14 0.00	21.92 2.13 -0.19	22.81 2.15 -0.28	27.35 2.42 -0.32	28.24 2.49 -0.82	26.91 2.36 -0.32	22.99 1.88 -0.33	20.98 1.64 -0.19
ROME____115KV_TB2 80656	20.51 0.61 0.00	18.11 0.41 0.00	17.43 0.37 0.00	17.63 0.35 -0.01	18.59 0.41 0.00	21.95 0.58 -0.01	22.90 0.74 -0.12	29.15 0.98 -0.07	21.25 0.61 -0.04	21.35 0.45 -0.01	23.69 0.39 -0.05	23.41 0.34 0.00	24.36 0.45 0.00	23.24 0.34 -0.01	21.86 0.26 0.00	22.32 0.34 0.00	21.62 0.41 0.00	20.21 0.51 -0.10	21.09 0.58 -0.15	25.52 0.74 -0.17	25.88 0.75 -0.20	25.07 0.67 -0.17	21.46 0.51 -0.17	19.66 0.41 -0.09
ROSETON____1 23587	21.12 1.21 0.00	18.79 1.09 0.00	18.16 1.09 0.00	18.38 1.11 0.00	19.24 1.06 0.00	22.63 1.27 0.00	23.68 1.64 0.00	30.26 2.17 0.00	22.33 1.73 0.00	22.43 1.54 0.00	24.91 1.66 0.00	24.71 1.64 0.00	25.54 1.64 0.00	24.51 1.61 0.00	23.07 1.47 0.00	23.62 1.64 0.00	22.88 1.67 0.00	21.29 1.69 0.00	22.07 1.70 0.00	26.55 1.94 0.00	27.45 2.02 -0.50	26.14 1.90 0.00	22.27 1.49 0.00	20.46 1.30 0.00
ROSETON____2 23588	21.12 1.21 0.00	18.79 1.09 0.00	18.16 1.09 0.00	18.38 1.11 0.00	19.24 1.06 0.00	22.63 1.27 0.00	23.68 1.64 0.00	30.26 2.17 0.00	22.33 1.73 0.00	22.43 1.54 0.00	24.91 1.66 0.00	24.71 1.64 0.00	25.54 1.64 0.00	24.51 1.61 0.00	23.07 1.47 0.00	23.62 1.64 0.00	22.88 1.67 0.00	21.29 1.69 0.00	22.07 1.70 0.00	26.55 1.94 0.00	27.45 2.02 -0.50	26.14 1.90 0.00	22.27 1.49 0.00	20.46 1.30 0.00
ROTTSDAM_115KV_TB3 80664	20.72 0.82 0.00	18.44 0.75 0.00	17.80 0.74 0.00	18.03 0.75 -0.02	18.92 0.74 0.00	22.29 0.92 -0.02	23.39 1.15 -0.20	29.68 1.45 -0.13	21.72 1.05 -0.06	21.77 0.87 -0.01	24.21 0.89 -0.08	23.96 0.89 0.00	24.79 0.89 0.00	23.75 0.85 -0.01	22.36 0.76 0.00	22.84 0.86 0.00	22.16 0.95 0.00	20.73 0.99 -0.15	21.63 1.05 -0.21	26.06 1.21 -0.24	27.08 1.28 -0.88	25.65 1.18 -0.24	21.94 0.92 -0.24	20.10 0.81 -0.13
RUSSELL____1 23602	20.36 0.45 0.00	17.96 0.27 0.00	17.31 0.24 0.00	17.19 0.11 0.19	18.24 0.12 0.06	21.36 0.21 0.21	20.00 0.32 2.37	27.24 0.70 1.56	20.42 0.60 0.78	21.18 0.43 0.14	22.85 0.45 0.85	23.55 0.49 0.00	24.46 0.60 0.04	23.36 0.56 0.09	22.13 0.53 0.00	22.37 0.39 0.00	21.45 0.24 0.00	19.19 0.37 0.78	19.47 0.23 1.13	23.64 0.31 1.28	24.00 0.30 1.23	23.17 0.20 1.27	19.42 -0.06 1.30	18.36 -0.03 0.76
RUSSELL____2 23532	20.36 0.45 0.00	17.96 0.27 0.00	17.31 0.24 0.00	17.19 0.11 0.19	18.24 0.12 0.06	21.36 0.21 0.21	20.00 0.32 2.37	27.24 0.70 1.56	20.42 0.60 0.78	21.18 0.43 0.14	22.85 0.45 0.85	23.55 0.49 0.00	24.46 0.60 0.04	23.36 0.56 0.09	22.13 0.53 0.00	22.37 0.39 0.00	21.45 0.24 0.00	19.19 0.37 0.78	19.47 0.23 1.13	23.64 0.31 1.28	24.00 0.30 1.23	23.17 0.20 1.27	19.42 -0.06 1.30	18.36 -0.03 0.76
RUSSELL____3 23549	20.36 0.45 0.00	17.96 0.27 0.00	17.31 0.24 0.00	17.19 0.11 0.19	18.24 0.12 0.06	21.36 0.21 0.21	20.00 0.32 2.37	27.24 0.70 1.56	20.42 0.60 0.78	21.18 0.43 0.14	22.85 0.45 0.85	23.55 0.49 0.00	24.46 0.60 0.04	23.36 0.56 0.09	22.13 0.53 0.00	22.37 0.39 0.00	21.45 0.24 0.00	19.19 0.37 0.78	19.47 0.23 1.13	23.64 0.31 1.28	24.00 0.30 1.23	23.17 0.20 1.27	19.42 -0.06 1.30	18.36 -0.03 0.76
RUSSELL____4 23556	20.36 0.45 0.00	17.96 0.27 0.00	17.31 0.24 0.00	17.19 0.11 0.19	18.24 0.12 0.06	21.36 0.21 0.21	20.00 0.32 2.37	27.24 0.70 1.56	20.42 0.60 0.78	21.18 0.43 0.14	22.85 0.45 0.85	23.55 0.49 0.00	24.46 0.60 0.04	23.36 0.56 0.09	22.13 0.53 0.00	22.37 0.39 0.00	21.45 0.24 0.00	19.19 0.37 0.78	19.47 0.23 1.13	23.64 0.31 1.28	24.00 0.30 1.23	23.17 0.20 1.27	19.42 -0.06 1.30	18.36 -0.03 0.76

RUSSELL___STATION 23914	20.36 0.45 0.00	17.96 0.27 0.00	17.31 0.24 0.00	17.19 0.11 0.19	18.24 0.12 0.06	21.36 0.21 0.21	20.00 0.32 2.37	27.24 0.70 1.56	20.42 0.60 0.78	21.18 0.43 0.14	22.85 0.45 0.85	23.55 0.49 0.00	24.46 0.60 0.04	23.36 0.56 0.09	22.13 0.53 0.00	22.37 0.39 0.00	21.45 0.24 0.00	19.19 0.37 0.78	19.47 0.23 1.13	23.64 0.31 1.28	24.00 0.30 1.23	23.17 0.20 1.27	19.42 -0.06 1.30	18.36 -0.03 0.76
S SALMON___HYD 24043	19.69 -0.21 0.00	17.34 -0.36 0.00	16.69 -0.38 0.00	16.83 -0.44 0.00	17.78 -0.40 0.00	20.92 -0.43 0.00	21.69 -0.35 0.00	27.72 -0.38 0.00	20.26 -0.34 0.00	20.34 -0.55 0.00	22.55 -0.70 0.00	22.39 -0.68 0.00	23.24 -0.66 0.00	22.31 -0.59 0.00	20.99 -0.61 0.00	21.33 -0.66 0.00	20.62 -0.59 0.00	19.20 -0.39 0.00	20.03 -0.34 0.00	24.33 -0.28 0.00	24.75 -0.21 -0.04	23.99 -0.25 0.00	20.53 -0.25 0.00	18.90 -0.26 0.00
S.PERRY__115KV_TB1 80734	20.60 0.70 0.00	18.14 0.45 0.00	17.48 0.41 0.00	20.57 0.31 -3.00	19.38 0.39 -0.81	25.15 0.59 -3.20	61.12 0.86 -38.22	54.12 1.41 -24.61	33.81 0.97 -12.24	23.74 0.62 -2.23	37.68 0.59 -13.85	23.58 0.51 0.00	25.11 0.49 -0.72	24.90 0.55 -1.46	21.95 0.35 0.00	21.97 -0.02 0.00	21.06 -0.15 0.00	42.90 -0.01 -23.32	54.29 -0.09 -34.01	63.05 -0.08 -38.52	63.99 -0.05 -39.11	62.19 -0.20 -38.16	59.64 -0.31 -39.17	41.62 -0.36 -22.83
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.88 -0.02 0.00	17.50 -0.19 0.00	16.85 -0.21 0.00	15.90 -0.37 1.00	17.45 -0.41 0.32	19.82 -0.47 1.07	9.06 -0.39 12.60	19.74 -0.18 8.17	16.53 0.00 4.07	19.93 -0.23 0.74	18.45 -0.25 4.55	22.82 -0.25 0.00	23.54 -0.13 0.23	22.20 -0.20 0.50	21.39 -0.21 0.00	21.57 -0.41 0.00	20.62 -0.59 0.00	12.41 -0.28 6.91	9.82 -0.48 10.07	12.68 -0.55 11.38	12.90 -0.58 11.44	12.30 -0.66 11.27	8.36 -0.86 11.56	11.74 -0.71 6.71
SAWYER__23_KV_LOAD 55526	19.88 -0.02 0.00	17.50 -0.19 0.00	16.85 -0.21 0.00	15.90 -0.37 1.00	17.45 -0.41 0.32	19.82 -0.47 1.07	9.06 -0.39 12.60	19.74 -0.18 8.17	16.53 0.00 4.07	19.93 -0.23 0.74	18.45 -0.25 4.55	22.82 -0.25 0.00	23.54 -0.13 0.23	22.20 -0.20 0.50	21.39 -0.21 0.00	21.57 -0.41 0.00	20.62 -0.59 0.00	12.41 -0.28 6.91	9.82 -0.48 10.07	12.68 -0.55 11.38	12.90 -0.58 11.44	12.30 -0.66 11.27	8.36 -0.86 11.56	11.74 -0.71 6.71
SELKIRK___I 23801	20.64 0.73 0.00	18.41 0.72 0.00	17.79 0.73 0.00	18.01 0.74 0.00	18.88 0.71 0.00	22.25 0.90 0.00	23.15 1.11 0.00	29.46 1.36 0.00	21.56 0.96 0.00	21.63 0.74 0.00	24.03 0.78 0.00	23.87 0.80 0.00	24.67 0.77 0.00	23.62 0.72 0.00	22.24 0.64 0.00	22.77 0.79 0.00	22.08 0.87 0.00	20.48 0.88 0.00	21.31 0.94 0.00	25.70 1.09 0.00	26.64 1.13 -0.59	25.29 1.06 0.00	21.56 0.78 0.00	19.82 0.66 0.00
SELKIRK___II 23799	20.55 0.65 0.00	18.32 0.64 0.00	17.71 0.64 0.00	17.93 0.66 0.00	18.79 0.62 0.00	22.12 0.77 0.00	23.03 0.99 0.00	29.34 1.24 0.00	21.53 0.93 0.00	21.61 0.72 0.00	23.99 0.75 0.00	23.83 0.77 0.00	24.63 0.73 0.00	23.58 0.69 0.00	22.21 0.61 0.00	22.74 0.76 0.00	22.04 0.84 0.00	20.44 0.84 0.00	21.26 0.89 0.00	25.62 1.01 0.00	26.59 1.07 -0.59	25.23 0.99 0.00	21.51 0.73 0.00	19.78 0.62 0.00
SENECA OSWGO___HYD 24041	19.63 -0.28 0.00	17.39 -0.30 0.00	16.77 -0.29 0.00	16.94 -0.33 0.00	17.84 -0.34 0.00	21.00 -0.36 0.00	21.81 -0.24 0.00	27.81 -0.29 0.00	20.39 -0.21 0.00	20.56 -0.33 0.00	22.88 -0.37 0.00	22.72 -0.34 0.00	23.56 -0.34 0.00	22.59 -0.31 0.00	21.30 -0.30 0.00	21.67 -0.31 0.00	20.92 -0.29 0.00	19.41 -0.18 0.00	20.14 -0.23 0.00	24.33 -0.28 0.00	24.69 -0.28 -0.05	23.93 -0.30 0.00	20.48 -0.30 0.00	18.88 -0.27 0.00
SENECA___115KV_TB3 355854	20.14 0.23 0.00	17.73 0.04 0.00	17.08 0.01 0.00	16.08 -0.15 1.04	17.68 -0.16 0.34	20.08 -0.16 1.11	8.83 -0.03 13.19	20.07 0.29 8.32	16.78 0.33 4.15	20.22 0.10 0.77	18.61 0.12 4.76	23.17 0.10 0.00	23.87 0.21 0.25	22.50 0.12 0.52	21.70 0.10 0.00	21.90 -0.08 0.00	20.91 -0.30 0.00	12.39 0.00 7.20	9.69 -0.18 10.50	12.54 -0.20 11.87	12.76 -0.22 11.94	12.14 -0.33 11.76	8.16 -0.55 12.08	11.61 -0.45 7.10
SENECA___ENERGY 23797	20.07 0.17 0.00	17.78 0.09 0.00	17.16 0.10 0.00	17.50 0.05 -0.18	18.29 0.04 -0.08	21.81 0.13 -0.32	24.70 0.35 -2.30	31.41 0.60 -2.71	22.45 0.46 -1.38	21.33 0.30 -0.14	24.38 0.28 -0.85	23.28 0.22 0.00	24.24 0.29 -0.05	23.32 0.30 -0.11	21.95 0.34 0.00	22.28 0.30 0.00	21.40 0.19 0.00	21.50 0.28 -1.62	22.92 0.19 -2.37	27.51 0.22 -2.68	27.93 0.22 -2.78	27.03 0.14 -2.65	23.66 0.01 -2.87	21.41 -0.02 -2.28
SHOEMAKER___GT 23640	21.09 1.18 0.00	18.74 1.05 0.00	18.11 1.05 0.00	18.33 1.06 0.00	19.20 1.03 0.00	22.61 1.25 0.00	23.67 1.63 0.00	30.25 2.16 0.00	22.31 1.71 0.00	22.40 1.52 0.00	24.86 1.61 0.00	24.66 1.60 0.00	25.49 1.59 0.00	24.48 1.58 0.00	23.06 1.46 0.00	23.61 1.62 0.00	22.85 1.64 0.00	21.27 1.67 0.00	22.03 1.66 0.00	26.52 1.90 0.00	27.37 1.97 -0.47	26.08 1.85 0.00	22.24 1.46 0.00	20.42 1.26 0.00
SHOEMAKR_138KV_BK 111 55601	21.09 1.18 0.00	18.74 1.05 0.00	18.11 1.04 0.00	18.34 1.05 -0.02	19.20 1.02 -0.01	22.62 1.24 -0.02	23.96 1.62 -0.29	30.42 2.14 -0.18	22.39 1.70 -0.09	22.41 1.50 -0.02	24.96 1.60 -0.10	24.66 1.60 0.00	25.51 1.60 -0.01	24.49 1.58 -0.01	23.07 1.47 0.00	23.59 1.61 0.00	22.84 1.63 0.00	21.46 1.66 -0.21	22.34 1.67 -0.30	26.84 1.89 -0.34	27.70 1.96 -0.82	26.41 1.84 -0.34	22.58 1.45 -0.34	20.62 1.26 -0.20
SHOREHAM_IC_1 23715	48.07 2.03 -26.13	19.45 1.76 0.00	18.80 1.73 0.00	19.01 1.75 0.00	19.85 1.68 0.00	23.30 1.95 0.00	24.52 2.39 -0.08	31.34 3.24 0.00	22.95 2.35 0.00	22.85 1.96 0.00	25.56 1.99 -0.32	27.36 1.96 -2.34	32.58 1.92 -6.77	45.87 1.97 -21.00	35.53 1.85 -12.07	59.51 2.07 -35.45	35.43 2.14 -12.07	88.03 2.15 -66.28	33.59 2.20 -11.02	60.57 2.48 -33.48	37.59 2.56 -10.10	26.65 2.41 0.00	22.77 1.98 0.00	20.80 1.64 0.00
SHOREHAM_IC_2 23716	48.07 2.03 -26.13	19.45 1.76 0.00	18.80 1.73 0.00	19.01 1.75 0.00	19.85 1.68 0.00	23.30 1.95 0.00	24.52 2.39 -0.08	31.34 3.24 0.00	22.95 2.35 0.00	22.85 1.96 0.00	25.56 1.99 -0.32	27.36 1.96 -2.34	32.58 1.92 -6.77	45.87 1.97 -21.00	35.53 1.85 -12.07	59.51 2.07 -35.45	35.43 2.14 -12.07	88.03 2.15 -66.28	33.59 2.20 -11.02	60.57 2.48 -33.48	37.59 2.56 -10.10	26.65 2.41 0.00	22.77 1.98 0.00	20.80 1.64 0.00
SISSONVILLE___ 23735	19.31 -0.59 0.00	17.11 -0.58 0.00	16.47 -0.59 0.00	16.72 -0.55 0.00	17.71 -0.46 0.00	20.78 -0.58 0.00	21.06 -0.98 0.00	26.81 -1.29 0.00	19.38 -1.22 0.00	20.04 -0.85 0.00	22.29 -0.97 0.00	22.21 -0.86 0.00	23.03 -0.87 0.00	22.01 -0.89 0.00	20.76 -0.84 0.00	21.09 -0.90 0.00	20.14 -1.07 0.00	18.55 -1.06 -0.01	19.40 -0.99 -0.02	23.53 -1.10 -0.02	23.85 -1.10 -0.03	23.19 -1.07 -0.02	20.11 -0.69 -0.02	18.56 -0.61 -0.01

SITHE_IND_GS1 24169	19.47 -0.44 0.00	17.27 -0.42 0.00	16.66 -0.40 0.00	16.84 -0.43 0.00	17.72 -0.46 0.00	20.84 -0.51 0.00	21.60 -0.44 0.00	27.56 -0.54 0.00	20.23 -0.37 0.00	20.43 -0.46 0.00	22.73 -0.52 0.00	22.57 -0.50 0.00	23.41 -0.49 0.00	22.43 -0.47 0.00	21.17 -0.44 0.00	21.53 -0.46 0.00	20.77 -0.44 0.00	19.26 -0.34 0.00	19.98 -0.39 0.00	24.12 -0.49 0.00	24.47 -0.49 -0.04	23.72 -0.52 0.00	20.30 -0.48 0.00	18.74 -0.42 0.00
SITHE_IND_GS2 24170	19.47 -0.44 0.00	17.27 -0.42 0.00	16.66 -0.40 0.00	16.84 -0.43 0.00	17.72 -0.46 0.00	20.84 -0.51 0.00	21.60 -0.44 0.00	27.56 -0.54 0.00	20.23 -0.37 0.00	20.43 -0.46 0.00	22.73 -0.52 0.00	22.57 -0.50 0.00	23.41 -0.49 0.00	22.43 -0.47 0.00	21.17 -0.44 0.00	21.53 -0.46 0.00	20.77 -0.44 0.00	19.26 -0.34 0.00	19.98 -0.39 0.00	24.12 -0.49 0.00	24.47 -0.49 -0.04	23.72 -0.52 0.00	20.30 -0.48 0.00	18.74 -0.42 0.00
SITHE_IND_GS3 24171	19.47 -0.44 0.00	17.27 -0.42 0.00	16.66 -0.40 0.00	16.84 -0.43 0.00	17.72 -0.46 0.00	20.84 -0.51 0.00	21.60 -0.44 0.00	27.56 -0.54 0.00	20.23 -0.37 0.00	20.43 -0.46 0.00	22.73 -0.52 0.00	22.57 -0.50 0.00	23.41 -0.49 0.00	22.43 -0.47 0.00	21.17 -0.44 0.00	21.53 -0.46 0.00	20.77 -0.44 0.00	19.26 -0.34 0.00	19.98 -0.39 0.00	24.12 -0.49 0.00	24.47 -0.49 -0.04	23.72 -0.52 0.00	20.30 -0.48 0.00	18.74 -0.42 0.00
SITHE_IND_GS4 24172	19.47 -0.44 0.00	17.27 -0.42 0.00	16.66 -0.40 0.00	16.84 -0.43 0.00	17.72 -0.46 0.00	20.84 -0.51 0.00	21.60 -0.44 0.00	27.56 -0.54 0.00	20.23 -0.37 0.00	20.43 -0.46 0.00	22.73 -0.52 0.00	22.57 -0.50 0.00	23.41 -0.49 0.00	22.43 -0.47 0.00	21.17 -0.44 0.00	21.53 -0.46 0.00	20.77 -0.44 0.00	19.26 -0.34 0.00	19.98 -0.39 0.00	24.12 -0.49 0.00	24.47 -0.49 -0.04	23.72 -0.52 0.00	20.30 -0.48 0.00	18.74 -0.42 0.00
SITHE___BATAVIA 24024	20.55 0.65 0.00	18.09 0.40 0.00	17.42 0.36 0.00	16.99 0.23 0.50	18.21 0.25 0.21	20.85 0.38 0.89	16.36 0.68 6.37	21.80 1.10 7.39	17.68 0.85 3.77	21.03 0.51 0.37	21.49 0.52 2.28	23.57 0.51 0.00	24.48 0.69 0.12	23.23 0.63 0.30	22.25 0.65 0.00	22.40 0.42 0.00	21.45 0.24 0.00	17.03 0.58 3.15	16.30 0.51 4.58	20.00 0.58 5.19	20.32 0.58 5.18	19.49 0.40 5.14	15.32 0.07 5.54	14.86 0.12 4.41
SITHE___INDEPEND 23800	19.47 -0.44 0.00	17.27 -0.42 0.00	16.66 -0.40 0.00	16.82 -0.43 0.02	17.71 -0.46 0.00	20.83 -0.51 0.02	21.40 -0.45 0.20	27.43 -0.54 0.13	20.16 -0.37 0.06	20.42 -0.46 0.01	22.67 -0.51 0.06	22.57 -0.50 0.00	23.41 -0.49 0.00	22.42 -0.47 0.00	21.15 -0.45 0.00	21.53 -0.46 0.00	20.77 -0.44 0.00	19.16 -0.34 0.09	19.84 -0.40 0.14	23.97 -0.49 0.15	24.31 -0.49 0.12	23.57 -0.51 0.15	20.14 -0.48 0.16	18.65 -0.42 0.09
SITHE___MASSENA 23902	19.83 -0.07 0.00	17.63 -0.06 0.00	17.00 -0.07 0.00	17.24 -0.03 0.00	18.22 0.05 0.00	21.36 0.00 0.00	21.69 -0.35 0.00	27.59 -0.51 0.00	20.03 -0.57 0.00	20.67 -0.22 0.00	23.04 -0.21 0.00	22.95 -0.11 0.00	23.82 -0.08 0.00	22.77 -0.13 0.00	21.50 -0.10 0.00	21.83 -0.16 0.00	20.87 -0.34 0.00	19.19 -0.41 0.00	19.99 -0.38 0.00	24.22 -0.39 0.00	24.51 -0.41 0.00	23.88 -0.36 0.00	20.66 -0.12 0.00	19.09 -0.07 0.00
SITHE___OGDNSBRG 24021	19.88 -0.02 0.00	17.67 -0.03 0.00	17.02 -0.05 0.00	17.27 0.00 0.00	18.29 0.12 0.00	21.45 0.09 0.00	21.76 -0.28 0.00	27.64 -0.46 0.00	19.96 -0.64 0.00	20.62 -0.27 0.00	22.97 -0.28 0.00	22.89 -0.17 0.00	23.77 -0.14 0.00	22.70 -0.20 0.00	21.42 -0.18 0.00	21.76 -0.23 0.00	20.79 -0.42 0.00	19.15 -0.46 -0.01	20.01 -0.38 -0.02	24.27 -0.37 -0.02	24.58 -0.37 -0.02	23.94 -0.32 -0.02	20.72 -0.07 -0.02	19.12 -0.05 -0.01
SITHE___STERLING 23777	20.37 0.46 0.00	18.02 0.33 0.00	17.38 0.31 0.00	17.56 0.29 0.00	18.50 0.33 0.00	21.81 0.46 0.00	22.67 0.63 0.00	28.94 0.84 0.00	21.15 0.55 0.00	21.28 0.39 0.00	23.62 0.37 0.00	23.41 0.34 0.00	24.33 0.43 0.00	23.23 0.33 0.00	21.87 0.27 0.00	22.32 0.34 0.00	21.60 0.39 0.00	20.06 0.47 0.00	20.87 0.50 0.00	25.23 0.62 0.00	25.59 0.63 -0.03	24.78 0.54 0.00	21.19 0.41 0.00	19.49 0.33 0.00
SLEIGHT__34_KV_TB1 80719	20.43 0.53 0.00	18.08 0.39 0.00	17.47 0.41 0.00	17.62 0.36 0.02	18.51 0.35 0.01	21.84 0.50 0.02	22.61 0.74 0.18	29.13 1.14 0.10	21.37 0.82 0.05	21.57 0.69 0.01	23.90 0.70 0.05	23.72 0.66 0.00	24.70 0.80 0.00	23.61 0.72 0.01	22.33 0.73 0.00	22.65 0.67 0.00	21.74 0.53 0.00	20.49 0.68 -0.21	21.25 0.57 -0.31	25.69 0.72 -0.35	26.08 0.74 -0.43	25.23 0.65 -0.35	21.52 0.37 -0.36	19.72 0.35 -0.21
SOUTH CAIRO___GT 23612	21.06 1.15 0.00	18.79 1.10 0.00	18.16 1.10 0.00	18.39 1.12 0.00	19.29 1.11 0.00	22.81 1.46 0.00	23.82 1.77 0.00	30.26 2.17 0.00	22.03 1.43 0.00	21.95 1.06 0.00	24.22 0.97 0.00	24.03 0.96 0.00	24.73 0.83 0.00	23.71 0.82 0.00	22.34 0.73 0.00	22.97 0.99 0.00	22.41 1.20 0.00	20.84 1.24 0.00	21.81 1.45 0.00	26.41 1.79 0.00	27.39 1.89 -0.57	25.96 1.73 0.00	22.03 1.25 0.00	20.22 1.07 0.00
SOUTH HAMPTN___IC 23720	48.39 2.35 -26.13	19.74 2.05 0.00	19.07 2.01 0.00	19.30 2.03 0.00	20.16 1.99 0.00	23.70 2.35 0.00	24.99 2.86 -0.08	32.00 3.90 0.00	23.42 2.82 0.00	23.33 2.44 0.00	26.13 2.56 -0.32	27.92 2.52 -2.34	33.09 2.41 -6.77	46.42 2.52 -21.00	36.06 2.39 -12.07	60.05 2.62 -35.45	35.96 2.67 -12.07	88.54 2.66 -66.28	34.13 2.74 -11.02	61.21 3.12 -33.48	38.23 3.21 -10.10	27.27 3.03 0.00	23.26 2.48 0.00	21.23 2.07 0.00
SOUTHDOW__115KV_TB1 355954	20.70 0.80 0.00	18.21 0.51 0.00	17.57 0.51 0.00	17.21 0.40 0.45	18.51 0.46 0.12	21.49 0.62 0.49	17.30 0.95 5.69	25.64 1.62 4.07	19.57 1.25 2.28	21.60 1.12 0.41	21.98 1.25 2.52	24.11 1.05 0.00	24.87 1.10 0.13	23.57 0.93 0.26	22.46 0.86 0.00	22.65 0.67 0.00	21.58 0.37 0.00	16.29 0.65 3.95	14.98 0.39 5.79	18.56 0.50 6.55	18.75 0.36 6.54	18.00 0.25 6.49	14.10 -0.02 6.66	15.22 -0.01 3.93
SOUTHOLD_69_KV_BK 2 55809	48.62 2.58 -26.13	19.94 2.25 0.00	19.28 2.21 0.00	19.52 2.23 -0.02	20.39 2.21 -0.01	23.99 2.61 -0.02	25.59 3.19 -0.36	32.62 4.35 -0.17	23.84 3.16 -0.08	23.67 2.77 -0.02	26.61 2.94 -0.42	28.27 2.86 -2.34	33.38 2.70 -6.77	46.76 2.85 -21.01	36.41 2.73 -12.07	60.40 2.97 -35.45	36.28 3.00 -12.07	89.06 2.99 -66.48	34.79 3.12 -11.30	61.95 3.53 -33.80	38.96 3.61 -10.43	27.99 3.44 -0.32	23.90 2.79 -0.33	21.70 2.36 -0.19
SOUTHOLD___IC 23719	48.62 2.58 -26.13	19.94 2.25 0.00	19.26 2.20 0.00	19.50 2.23 0.00	20.38 2.21 0.00	23.99 2.64 0.00	25.33 3.20 -0.08	32.48 4.39 0.00	23.75 3.15 0.00	23.66 2.77 0.00	26.51 2.94 -0.32	28.27 2.86 -2.34	33.37 2.70 -6.77	46.74 2.84 -21.00	36.38 2.70 -12.07	60.40 2.97 -35.45	36.28 3.00 -12.07	88.86 2.98 -66.28	34.48 3.09 -11.02	61.62 3.53 -33.48	38.64 3.61 -10.10	27.67 3.43 0.00	23.56 2.78 0.00	21.48 2.32 0.00

SPIERFLS_115KV_TB1 80737	21.05 1.15 0.00	18.73 1.04 0.00	18.08 1.02 0.00	18.33 1.04 -0.02	19.23 1.05 0.00	22.73 1.36 -0.02	23.96 1.71 -0.20	30.41 2.18 -0.13	22.16 1.50 -0.06	22.15 1.24 -0.01	24.53 1.21 -0.08	24.27 1.21 0.00	25.07 1.17 0.00	24.05 1.14 -0.01	22.56 0.96 0.00	23.11 1.12 0.00	22.50 1.29 0.00	21.14 1.39 -0.15	22.07 1.49 -0.21	26.58 1.73 -0.24	27.64 1.84 -0.87	26.21 1.74 -0.24	22.28 1.26 -0.24	20.41 1.12 -0.14
ST LAWRENCE____ 23600	19.61 -0.29 0.00	17.44 -0.25 0.00	16.81 -0.25 0.00	17.05 -0.21 0.00	18.02 -0.15 0.00	21.11 -0.24 0.00	21.53 -0.52 0.00	27.40 -0.70 0.00	20.02 -0.58 0.00	20.54 -0.35 0.00	22.91 -0.33 0.00	22.76 -0.30 0.00	23.58 -0.32 0.00	22.56 -0.33 0.00	21.31 -0.29 0.00	21.63 -0.35 0.00	20.77 -0.44 0.00	19.07 -0.52 0.00	19.87 -0.50 0.00	24.07 -0.54 0.00	24.36 -0.56 0.00	23.73 -0.51 0.00	20.46 -0.32 0.00	18.90 -0.25 0.00
STATE_CA_115KV_115_LB 55624	20.75 0.84 0.00	18.50 0.81 0.00	17.88 0.82 0.00	18.12 0.84 -0.02	18.97 0.79 -0.01	22.37 1.00 -0.02	23.51 1.26 -0.20	29.79 1.56 -0.13	21.82 1.16 -0.07	21.82 0.92 -0.01	24.29 0.97 -0.08	24.04 0.98 0.00	24.83 0.93 0.00	23.79 0.89 -0.01	22.30 0.69 0.00	22.78 0.80 0.00	22.11 0.91 0.00	20.65 0.90 -0.15	21.55 0.97 -0.22	25.93 1.07 -0.25	26.92 1.14 -0.86	25.51 1.03 -0.24	21.73 0.71 -0.25	19.90 0.60 -0.14
STATE_ST_34_KV_LOAD 55959	20.17 0.27 0.00	17.88 0.19 0.00	17.31 0.24 0.00	17.59 0.22 -0.10	18.38 0.17 -0.03	21.74 0.29 -0.10	23.82 0.51 -1.27	29.79 0.92 -0.77	21.65 0.67 -0.38	21.52 0.56 -0.07	24.30 0.58 -0.47	23.55 0.48 0.00	24.45 0.52 -0.03	23.48 0.53 -0.05	22.18 0.57 0.00	22.60 0.61 0.00	21.77 0.56 0.00	21.16 0.63 -0.93	22.23 0.51 -1.35	26.83 0.69 -1.53	27.23 0.69 -1.62	26.39 0.63 -1.52	22.71 0.38 -1.55	20.40 0.37 -0.87
STATION 5_MISC_HYD 23604	20.25 0.34 0.00	17.87 0.17 0.00	17.22 0.15 0.00	17.10 0.03 0.19	18.13 0.03 0.08	21.11 0.09 0.33	19.91 0.28 2.41	25.85 0.55 2.79	19.68 0.49 1.42	21.06 0.30 0.14	22.71 0.31 0.85	23.41 0.34 0.00	24.33 0.47 0.04	23.20 0.42 0.11	22.04 0.44 0.00	22.23 0.25 0.00	21.31 0.10 0.00	19.87 0.27 0.00	20.55 0.18 0.00	24.77 0.16 0.00	25.15 0.16 -0.07	24.29 0.05 0.00	20.62 -0.16 0.00	19.04 -0.11 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.37 0.47 0.00	18.00 0.31 0.00	17.36 0.29 0.00	17.44 0.20 0.03	18.40 0.23 0.01	21.66 0.34 0.04	22.14 0.49 0.40	28.65 0.86 0.31	21.12 0.67 0.15	21.38 0.51 0.03	23.64 0.52 0.13	23.58 0.52 0.00	24.53 0.63 0.01	23.48 0.60 0.01	22.18 0.58 0.00	22.47 0.49 0.00	21.56 0.35 0.00	20.32 0.45 -0.27	21.10 0.33 -0.40	25.50 0.43 -0.45	25.88 0.43 -0.52	25.01 0.32 -0.45	21.34 0.09 -0.47	19.56 0.09 -0.31
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.23 0.33 0.00	17.86 0.17 0.00	17.21 0.15 0.00	17.12 0.02 0.17	18.15 0.02 0.05	21.25 0.08 0.19	20.14 0.19 2.09	27.21 0.51 1.40	20.36 0.46 0.70	21.07 0.30 0.12	22.80 0.30 0.75	23.41 0.34 0.00	24.33 0.46 0.04	23.23 0.41 0.08	21.99 0.39 0.00	22.24 0.26 0.00	21.32 0.11 0.00	19.21 0.23 0.62	19.56 0.09 0.90	23.73 0.14 1.01	24.09 0.13 0.96	23.27 0.04 1.00	19.56 -0.19 1.03	18.41 -0.14 0.60
STA_56____34_KV_BUS2 355983	20.23 0.33 0.00	17.86 0.17 0.00	17.21 0.15 0.00	17.12 0.02 0.17	18.15 0.02 0.05	21.25 0.08 0.19	20.14 0.19 2.09	27.21 0.51 1.40	20.36 0.46 0.70	21.07 0.30 0.12	22.80 0.30 0.75	23.41 0.34 0.00	24.33 0.46 0.04	23.23 0.41 0.08	21.99 0.39 0.00	22.24 0.26 0.00	21.32 0.11 0.00	19.21 0.23 0.62	19.56 0.09 0.90	23.73 0.14 1.01	24.09 0.13 0.96	23.27 0.04 1.00	19.56 -0.19 1.03	18.41 -0.14 0.60
STA_67____115KV_BK2 355882	20.20 0.29 0.00	17.82 0.13 0.00	17.17 0.11 0.00	17.06 -0.02 0.19	18.10 -0.02 0.06	21.18 0.03 0.21	19.76 0.12 2.41	26.94 0.43 1.60	20.21 0.40 0.79	20.99 0.24 0.14	22.62 0.23 0.86	23.33 0.27 0.00	24.24 0.38 0.04	23.14 0.34 0.09	21.92 0.32 0.00	22.16 0.18 0.00	21.24 0.04 0.00	18.97 0.18 0.80	19.23 0.03 1.17	23.35 0.06 1.32	23.71 0.05 1.27	22.90 -0.03 1.30	19.19 -0.25 1.34	18.17 -0.19 0.79
STA_7____115KV_9TRANS 80674	20.36 0.45 0.00	17.96 0.27 0.00	17.31 0.24 0.00	17.19 0.11 0.19	18.24 0.12 0.06	21.36 0.21 0.21	20.00 0.32 2.37	27.24 0.70 1.56	20.42 0.60 0.78	21.18 0.43 0.14	22.85 0.45 0.85	23.55 0.49 0.00	24.46 0.60 0.04	23.36 0.56 0.09	22.13 0.53 0.00	22.37 0.39 0.00	21.45 0.24 0.00	19.19 0.37 0.78	19.47 0.23 1.13	23.64 0.31 1.28	24.00 0.30 1.23	23.17 0.20 1.27	19.42 -0.06 1.30	18.36 -0.03 0.76
STA_82____115KV_TB1 80780	20.21 0.30 0.00	17.83 0.14 0.00	17.19 0.12 0.00	17.09 0.00 0.17	18.12 0.00 0.05	21.21 0.05 0.19	20.03 0.15 2.16	27.14 0.46 1.41	20.32 0.43 0.71	21.03 0.26 0.13	22.73 0.25 0.77	23.36 0.29 0.00	24.27 0.40 0.04	23.17 0.36 0.08	21.94 0.34 0.00	22.18 0.20 0.00	21.27 0.06 0.00	19.13 0.19 0.66	19.46 0.05 0.96	23.62 0.09 1.08	23.98 0.08 1.03	23.16 0.00 1.07	19.45 -0.23 1.10	18.34 -0.18 0.64
STEEL____WIND 323596	20.13 0.22 0.00	17.72 0.03 0.00	17.07 0.01 0.00	16.06 -0.16 1.05	17.57 -0.17 0.43	19.32 -0.19 1.85	8.86 0.07 13.26	12.98 0.31 15.44	13.09 0.35 7.85	20.21 0.08 0.77	18.60 0.11 4.76	23.15 0.09 0.00	23.87 0.21 0.25	22.36 0.08 0.63	21.72 0.12 0.00	21.86 -0.12 0.00	20.87 -0.33 0.00	12.43 0.03 7.20	9.80 -0.08 10.49	12.53 -0.21 11.87	12.76 -0.22 11.94	12.12 -0.35 11.76	7.57 -0.52 12.69	8.65 -0.42 10.09
STEPHTWN_115KV_BK_2 55603	20.76 0.85 0.00	18.50 0.81 0.00	17.87 0.81 0.00	18.15 0.87 -0.02	19.03 0.85 -0.01	22.38 1.01 -0.02	23.52 1.26 -0.21	29.78 1.55 -0.13	21.78 1.11 -0.07	21.81 0.91 -0.01	24.28 0.95 -0.08	23.96 0.90 0.00	24.85 0.94 0.00	23.73 0.82 -0.01	22.31 0.71 0.00	22.89 0.91 0.00	22.28 1.08 0.00	20.78 1.03 -0.15	21.77 1.17 -0.22	26.16 1.29 -0.25	27.15 1.37 -0.85	25.73 1.24 -0.25	21.91 0.88 -0.25	20.02 0.72 -0.14
STEBEN_REC_LFGE 323667	20.13 0.22 0.00	17.68 -0.01 0.00	17.03 -0.03 0.00	19.19 -0.04 -1.97	18.83 0.10 -0.55	23.74 0.28 -2.11	47.67 0.62 -25.01	45.33 1.10 -16.14	29.33 0.73 -8.00	22.88 0.54 -1.45	32.82 0.50 -9.07	23.40 0.33 0.00	24.63 0.26 -0.47	24.29 0.42 -0.97	22.10 0.50 0.00	22.23 0.25 0.00	21.07 -0.14 0.00	34.64 -0.10 -15.15	42.16 -0.29 -22.09	49.28 -0.34 -25.01	50.01 -0.36 -25.45	48.48 -0.53 -24.78	45.80 -0.42 -25.43	33.47 -0.51 -14.83
STONY____BROOK 24151	48.18 2.14 -26.13	19.54 1.85 0.00	18.87 1.81 0.00	19.09 1.83 0.00	19.94 1.77 0.00	23.44 2.09 0.00	24.72 2.59 -0.08	31.66 3.56 0.00	23.20 2.60 0.00	23.21 2.32 0.00	26.10 2.52 -0.32	27.90 2.49 -2.34	33.07 2.40 -6.77	46.38 2.49 -21.00	36.01 2.34 -12.07	59.98 2.55 -35.45	35.86 2.58 -12.07	88.44 2.56 -66.28	34.00 2.62 -11.02	61.05 2.95 -33.48	38.07 3.04 -10.10	27.11 2.88 0.00	23.16 2.37 0.00	21.14 1.99 0.00

STURGEON_POOL_HYD 23609	21.16 1.26 0.00	18.78 1.09 0.00	18.15 1.08 0.00	18.39 1.10 -0.02	19.25 1.07 -0.01	22.64 1.26 -0.02	23.95 1.65 -0.26	30.47 2.20 -0.17	22.51 1.82 -0.08	22.58 1.67 -0.02	25.16 1.82 -0.09	24.83 1.76 0.00	25.74 1.84 0.00	24.70 1.79 -0.01	23.27 1.67 0.00	23.77 1.79 0.00	22.99 1.78 0.00	21.60 1.82 -0.19	22.46 1.82 -0.27	26.96 2.04 -0.31	27.85 2.10 -0.83	26.52 1.98 -0.31	22.70 1.61 -0.31	20.73 1.39 -0.18
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.17 1.27 0.00	18.81 1.12 0.00	18.18 1.12 0.00	18.42 1.13 -0.02	19.27 1.09 -0.01	22.70 1.32 -0.02	24.05 1.72 -0.28	30.53 2.25 -0.18	22.48 1.79 -0.09	22.51 1.61 -0.02	25.07 1.72 -0.10	24.77 1.71 0.00	25.65 1.75 -0.01	24.60 1.68 -0.01	23.16 1.56 0.00	23.69 1.71 0.00	22.93 1.72 0.00	21.55 1.75 -0.20	22.43 1.77 -0.30	26.94 1.99 -0.33	27.81 2.07 -0.82	26.51 1.95 -0.33	22.65 1.53 -0.34	20.69 1.34 -0.19
SWANROAD_115KV_TB1 355699	19.49 -0.42 0.00	17.14 -0.55 0.00	16.50 -0.56 0.00	15.76 -0.69 0.81	17.15 -0.76 0.26	19.60 -0.89 0.86	11.10 -0.72 10.23	21.13 -0.60 6.37	17.08 -0.29 3.23	19.61 -0.69 0.60	18.92 -0.63 3.70	22.27 -0.80 0.00	23.02 -0.69 0.19	21.82 -0.67 0.40	20.88 -0.72 0.00	21.08 -0.90 0.00	20.15 -1.06 0.00	13.53 -0.57 5.50	11.60 -0.75 8.02	14.68 -0.87 9.06	14.93 -0.90 9.09	14.29 -0.98 8.97	10.48 -1.15 9.15	12.88 -0.94 5.33
SYNERGY___BIOGAS 323694	20.55 0.65 0.00	18.09 0.40 0.00	17.42 0.36 0.00	16.99 0.23 0.50	18.21 0.25 0.21	20.85 0.38 0.89	16.36 0.68 6.37	21.80 1.10 7.39	17.68 0.85 3.77	21.03 0.51 0.37	21.49 0.52 2.28	23.57 0.51 0.00	24.48 0.69 0.12	23.23 0.63 0.30	22.25 0.65 0.00	22.40 0.42 0.00	21.45 0.24 0.00	17.03 0.58 3.15	16.30 0.51 4.58	20.00 0.58 5.19	20.32 0.58 5.18	19.49 0.40 5.14	15.32 0.07 5.54	14.86 0.12 4.41
SYRACUSE___ENERGY_ST1 323597	19.89 -0.02 0.00	17.64 -0.05 0.00	17.02 -0.05 0.00	17.19 -0.08 0.00	18.08 -0.10 0.00	21.30 -0.06 0.00	22.13 0.09 0.00	28.27 0.17 0.00	20.74 0.13 0.00	20.90 0.01 0.00	23.27 0.02 0.00	23.08 0.01 0.00	23.96 0.06 0.00	22.95 0.06 0.00	21.66 0.06 0.00	22.05 0.07 0.00	21.27 0.06 0.00	19.74 0.15 0.00	20.46 0.09 0.00	24.71 0.10 0.00	25.08 0.10 -0.06	24.28 0.05 0.00	20.76 -0.02 0.00	19.13 -0.03 0.00
SYRACUSE___ENERGY_ST2 323598	19.89 -0.02 0.00	17.64 -0.05 0.00	17.02 -0.05 0.00	17.19 -0.08 0.00	18.08 -0.10 0.00	21.30 -0.06 0.00	22.13 0.09 0.00	28.27 0.17 0.00	20.74 0.13 0.00	20.90 0.01 0.00	23.27 0.02 0.00	23.08 0.01 0.00	23.96 0.06 0.00	22.95 0.06 0.00	21.66 0.06 0.00	22.05 0.07 0.00	21.27 0.06 0.00	19.74 0.15 0.00	20.46 0.09 0.00	24.71 0.10 0.00	25.08 0.10 -0.06	24.28 0.05 0.00	20.76 -0.02 0.00	19.13 -0.03 0.00
SYRACUSE___POWER 24017	19.92 0.02 0.00	17.66 -0.03 0.00	17.04 -0.02 0.00	17.24 -0.05 -0.02	18.12 -0.06 -0.01	21.37 -0.01 -0.02	22.46 0.13 -0.28	28.48 0.22 -0.16	20.84 0.16 -0.08	20.94 0.03 -0.02	23.41 0.04 -0.11	23.13 0.06 0.00	24.00 0.09 -0.01	23.00 0.10 -0.01	21.70 0.10 0.00	22.09 0.10 0.00	21.31 0.10 0.00	20.02 0.19 -0.24	20.86 0.13 -0.35	25.17 0.16 -0.40	25.55 0.16 -0.46	24.72 0.09 -0.39	21.20 0.02 -0.40	19.38 0.00 -0.22
TALLMAN__138KV_BK151 55660	21.29 1.38 0.00	18.90 1.21 0.00	18.27 1.21 0.00	18.51 1.22 -0.02	19.37 1.18 -0.01	22.81 1.43 -0.02	24.18 1.86 -0.28	30.75 2.47 -0.18	22.67 1.98 -0.09	22.71 1.80 -0.02	25.30 1.94 -0.10	24.99 1.93 0.00	25.86 1.95 -0.01	24.81 1.90 -0.01	23.35 1.75 0.00	23.89 1.91 0.00	23.12 1.91 0.00	21.72 1.92 -0.20	22.60 1.94 -0.29	27.13 2.19 -0.33	28.02 2.27 -0.82	26.71 2.14 -0.33	22.80 1.69 -0.33	20.81 1.46 -0.19
TEALLAVE_115KV_TB7 355573	19.82 -0.08 0.00	17.58 -0.11 0.00	16.95 -0.11 0.00	17.13 -0.14 0.00	18.02 -0.15 0.00	21.23 -0.13 0.00	22.11 0.00 -0.07	28.21 0.05 -0.07	20.68 0.05 -0.03	20.83 -0.07 0.00	23.22 -0.06 -0.04	23.03 -0.03 0.00	23.90 -0.01 0.00	22.89 -0.01 -0.01	21.60 0.00 0.00	21.98 0.00 0.00	21.20 0.00 0.00	19.78 0.08 -0.10	20.54 0.02 -0.15	24.80 0.02 -0.17	25.16 0.02 -0.22	24.36 0.02 -0.17	20.86 -0.04 -0.17	19.16 -0.10 -0.10
TELGRAPH_34_KV_EAST 80808	19.99 0.09 0.00	17.59 -0.10 0.00	16.94 -0.12 0.00	16.33 -0.26 0.68	17.67 -0.29 0.21	20.34 -0.30 0.72	13.35 -0.13 8.56	22.93 0.15 5.32	18.15 0.22 2.68	20.28 -0.11 0.50	20.09 -0.07 3.09	22.92 -0.15 0.00	23.74 0.00 0.16	22.53 -0.04 0.33	21.51 -0.09 0.00	21.71 -0.28 0.00	20.76 -0.44 0.00	15.04 -0.06 4.50	13.57 -0.24 6.56	16.96 -0.24 7.41	17.24 -0.25 7.42	16.53 -0.37 7.34	12.66 -0.63 7.50	14.33 -0.49 4.34
TEMPLE___115KV_TB 2 55572	19.84 -0.07 0.00	17.59 -0.10 0.00	16.96 -0.10 0.00	17.14 -0.13 0.00	18.03 -0.14 0.00	21.24 -0.11 0.00	22.13 0.02 -0.07	28.23 0.07 -0.07	20.70 0.07 -0.03	20.85 -0.05 0.00	23.25 -0.04 -0.04	23.06 -0.01 0.00	23.92 0.02 0.00	22.92 0.01 -0.01	21.62 0.02 0.00	22.00 0.02 0.00	21.22 0.02 0.00	19.80 0.10 -0.10	20.56 0.04 -0.15	24.82 0.04 -0.17	25.19 0.04 -0.22	24.38 -0.02 -0.17	20.88 -0.08 -0.17	19.17 -0.08 -0.10
TIANA____69_KV_BK 1 55817	48.32 2.28 -26.13	19.67 1.98 0.00	19.01 1.95 0.00	19.25 1.96 -0.02	20.09 1.91 -0.01	23.62 2.24 -0.02	25.16 2.76 -0.36	32.02 3.75 -0.17	23.40 2.71 -0.08	23.24 2.33 -0.02	26.12 2.45 -0.42	27.80 2.40 -2.34	32.99 2.32 -6.77	46.32 2.41 -21.01	35.98 2.30 -12.07	59.94 2.51 -35.45	35.85 2.57 -12.07	88.64 2.56 -66.48	34.33 2.66 -11.30	61.41 3.00 -33.80	38.43 3.08 -10.43	27.46 2.91 -0.32	23.50 2.39 -0.33	21.36 2.01 -0.19
TILDEN___115KV_TB1 80814	19.92 0.02 0.00	17.66 -0.03 0.00	17.04 -0.02 0.00	17.24 -0.05 -0.02	18.12 -0.06 -0.01	21.37 -0.01 -0.02	22.46 0.13 -0.28	28.48 0.22 -0.16	20.84 0.16 -0.08	20.94 0.03 -0.02	23.41 0.04 -0.11	23.13 0.06 0.00	24.00 0.09 -0.01	23.00 0.10 -0.01	21.70 0.10 0.00	22.09 0.10 0.00	21.31 0.10 0.00	20.02 0.19 -0.24	20.86 0.13 -0.35	25.17 0.16 -0.40	25.55 0.16 -0.46	24.72 0.09 -0.39	21.20 0.02 -0.40	19.38 0.00 -0.22
TRIGEN___CC 323695	47.90 1.86 -26.13	19.30 1.61 0.00	18.66 1.59 0.00	18.88 1.60 -0.02	19.72 1.54 -0.01	23.21 1.83 -0.02	24.74 2.34 -0.36	31.39 3.13 -0.17	23.07 2.39 -0.08	23.09 2.19 -0.02	26.14 2.47 -0.42	27.89 2.49 -2.34	33.15 2.47 -6.77	46.35 2.45 -21.01	35.94 2.27 -12.07	59.87 2.44 -35.45	35.70 2.42 -12.07	88.47 2.40 -66.48	34.09 2.42 -11.30	61.16 2.74 -33.80	38.18 2.82 -10.43	27.22 2.67 -0.32	23.27 2.16 -0.33	21.20 1.86 -0.19
TRINITY__115KV__ 4 BK 55933	20.57 0.67 0.00	18.37 0.68 0.00	17.76 0.70 0.00	18.01 0.72 -0.02	18.84 0.66 -0.01	22.20 0.83 -0.02	23.32 1.07 -0.21	29.54 1.30 -0.13	21.64 0.97 -0.07	21.62 0.72 -0.01	24.07 0.74 -0.08	23.83 0.77 0.00	24.61 0.71 0.00	23.56 0.66 -0.01	22.18 0.58 0.00	22.72 0.74 0.00	22.07 0.86 0.00	20.60 0.85 -0.15	21.51 0.92 -0.22	25.87 1.01 -0.25	26.87 1.09 -0.85	25.46 0.98 -0.25	21.69 0.66 -0.25	19.87 0.57 -0.14

UNION___PROCESSING_DRP 323587	20.22 0.31 0.00	17.83 0.15 0.00	17.19 0.13 0.00	17.09 0.00 0.18	18.12 0.00 0.06	21.22 0.06 0.20	19.96 0.15 2.23	27.12 0.48 1.46	20.31 0.43 0.73	21.03 0.27 0.13	22.71 0.26 0.79	23.37 0.30 0.00	24.27 0.41 0.04	23.18 0.37 0.09	21.95 0.34 0.00	22.19 0.21 0.00	21.28 0.07 0.00	19.09 0.20 0.70	19.41 0.06 1.02	23.55 0.10 1.15	23.92 0.10 1.10	23.09 0.00 1.14	19.38 -0.23 1.17	18.30 -0.17 0.68
UPPER HUDSON___HYD 24058	21.05 1.15 0.00	18.73 1.04 0.00	18.08 1.02 0.00	18.31 1.04 0.00	19.22 1.05 0.00	22.72 1.37 0.00	23.75 1.71 0.00	30.28 2.18 0.00	22.10 1.49 0.00	22.13 1.24 0.00	24.46 1.21 0.00	24.27 1.21 0.00	25.06 1.16 0.00	24.04 1.14 0.00	22.56 0.96 0.00	23.10 1.12 0.00	22.50 1.29 0.00	20.98 1.39 0.00	21.85 1.48 0.00	26.34 1.73 0.00	27.39 1.84 -0.63	25.97 1.74 0.00	22.04 1.26 0.00	20.26 1.10 0.00
UPPER RAQUET___HYD 24056	19.31 -0.59 0.00	17.11 -0.58 0.00	16.48 -0.59 0.00	16.72 -0.55 0.00	17.71 -0.46 0.00	20.78 -0.58 0.00	21.06 -0.99 0.00	26.81 -1.29 0.00	19.38 -1.23 0.00	20.04 -0.85 0.00	22.28 -0.97 0.00	22.21 -0.86 0.00	23.03 -0.87 0.00	22.01 -0.89 0.00	20.76 -0.84 0.00	21.08 -0.90 0.00	20.14 -1.07 0.00	18.54 -1.06 0.00	19.37 -1.00 0.00	23.51 -1.10 0.00	23.82 -1.11 0.00	23.17 -1.06 0.00	20.09 -0.70 0.00	18.55 -0.61 0.00
VALLEY44_115KV_TB2 355964	20.89 0.98 0.00	18.49 0.79 0.00	17.89 0.83 0.00	17.67 0.71 0.31	18.86 0.75 0.07	21.92 0.92 0.35	19.24 1.18 3.98	27.13 1.78 2.75	20.45 1.29 1.45	21.76 1.12 0.25	22.98 1.28 1.56	24.25 1.19 0.00	25.15 1.33 0.08	23.94 1.18 0.14	22.66 1.06 0.00	22.95 0.97 0.00	21.95 0.74 0.00	17.66 0.92 2.85	16.89 0.73 4.22	20.72 0.89 4.78	20.99 0.81 4.74	20.21 0.71 4.73	16.31 0.40 4.87	16.62 0.38 2.92
VALLEY___115KV_TB 1-4 80826	19.88 -0.02 0.00	17.70 0.02 0.00	17.11 0.05 0.00	17.33 0.06 0.00	18.16 -0.01 0.00	21.35 -0.01 0.00	22.36 0.30 -0.02	28.33 0.21 -0.02	20.75 0.14 -0.01	20.83 -0.06 0.00	22.99 -0.27 -0.01	22.77 -0.29 0.00	23.53 -0.37 0.00	22.49 -0.41 0.00	21.18 -0.42 0.00	21.63 -0.36 0.00	21.08 -0.12 0.00	19.69 0.07 -0.02	20.56 0.16 -0.03	24.83 0.19 -0.03	25.18 0.22 -0.04	24.41 0.14 -0.03	20.70 -0.12 -0.03	18.92 -0.25 -0.02
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.25 1.34 0.00	18.86 1.17 0.00	18.23 1.17 0.00	18.50 1.18 -0.05	19.41 1.22 -0.01	22.95 1.54 -0.06	24.59 1.88 -0.67	31.01 2.49 -0.43	22.70 1.88 -0.22	22.70 1.77 -0.04	25.39 1.89 -0.24	24.88 1.81 0.00	25.70 1.78 -0.01	24.67 1.75 -0.03	23.25 1.66 0.00	23.74 1.76 0.00	22.95 1.74 0.00	21.82 1.75 -0.47	22.85 1.80 -0.69	27.53 2.14 -0.77	28.11 2.18 -1.01	27.05 2.05 -0.77	23.20 1.63 -0.79	21.04 1.44 -0.45
VISCHER___FERRY HYD 24020	20.90 1.00 0.00	18.63 0.94 0.00	18.00 0.93 0.00	18.23 0.96 0.00	19.08 0.90 0.00	22.50 1.15 0.00	23.43 1.39 0.00	29.77 1.67 0.00	21.80 1.20 0.00	21.82 0.92 0.00	24.20 0.95 0.00	24.03 0.96 0.00	24.82 0.92 0.00	23.79 0.89 0.00	22.40 0.80 0.00	22.96 0.98 0.00	22.35 1.14 0.00	20.71 1.12 0.00	21.60 1.22 0.00	26.01 1.40 0.00	27.05 1.52 -0.61	25.60 1.36 0.00	21.77 0.99 0.00	20.04 0.88 0.00
V_A_10_SYNC_DSASP 323832	19.78 -0.13 0.00	17.44 -0.25 0.00	16.81 -0.25 0.00	16.31 -0.41 0.55	17.58 -0.44 0.15	20.26 -0.51 0.59	14.66 -0.46 6.93	23.30 -0.30 4.50	18.26 -0.11 2.23	20.18 -0.31 0.40	20.39 -0.36 2.50	22.73 -0.33 0.00	23.56 -0.21 0.13	22.36 -0.28 0.27	21.32 -0.28 0.00	21.54 -0.44 0.00	20.62 -0.59 0.00	15.74 -0.35 3.51	14.72 -0.54 5.11	18.20 -0.63 5.78	18.48 -0.66 5.78	17.79 -0.72 5.73	14.02 -0.88 5.88	15.00 -0.73 3.42
V_CMM_10_SYNC_DSASP 323787	19.70 -0.21 0.00	17.52 -0.17 0.00	16.89 -0.18 0.00	17.13 -0.14 0.00	18.10 -0.08 0.00	21.21 -0.14 0.00	21.63 -0.42 0.00	27.53 -0.57 0.00	20.12 -0.48 0.00	20.63 -0.26 0.00	23.01 -0.24 0.00	22.86 -0.20 0.00	23.69 -0.21 0.00	22.67 -0.23 0.00	21.40 -0.20 0.00	21.73 -0.26 0.00	20.87 -0.34 0.00	19.16 -0.43 0.00	19.97 -0.40 0.00	24.18 -0.43 0.00	24.46 -0.46 0.00	23.84 -0.40 0.00	20.55 -0.23 0.00	18.98 -0.17 0.00
V_CMP_10_SYNC_DSASP 323788	19.99 0.08 0.00	17.74 0.05 0.00	17.09 0.03 0.00	17.42 0.15 0.00	18.39 0.21 0.00	21.67 0.31 0.00	22.32 0.28 0.00	28.41 0.31 0.00	20.92 0.32 0.00	21.50 0.61 0.00	23.86 0.61 0.00	23.47 0.40 0.00	23.95 0.05 0.00	22.95 0.05 0.00	21.55 -0.06 0.00	22.01 0.03 0.00	21.13 -0.08 0.00	19.62 0.02 0.00	20.53 0.16 0.00	24.99 0.38 0.00	25.36 0.43 0.00	24.39 0.15 0.00	20.84 0.06 0.00	19.26 0.11 0.00
V_E_10_SYNC_DSASP 323830	21.52 1.61 0.00	18.95 1.26 0.00	18.29 1.22 0.00	18.61 1.19 -0.15	19.51 1.28 -0.06	23.32 1.71 -0.26	26.10 2.20 -1.86	33.12 2.85 -2.17	23.58 1.88 -1.11	22.51 1.51 -0.11	25.46 1.53 -0.68	24.54 1.47 0.00	25.43 1.49 -0.04	24.40 1.41 -0.09	23.08 1.48 0.00	23.61 1.62 0.00	22.86 1.65 0.00	22.56 1.75 -1.22	24.00 1.86 -1.77	28.98 2.35 -2.01	29.38 2.27 -2.20	28.42 2.20 -1.99	24.49 1.56 -2.15	22.16 1.30 -1.71
V_F_30_NSYNC___DSASP 323816	21.08 1.17 0.00	18.77 1.08 0.00	18.12 1.06 0.00	18.35 1.08 0.00	19.26 1.08 0.00	22.71 1.36 0.00	23.69 1.64 0.00	30.15 2.06 0.00	22.04 1.44 0.00	22.10 1.21 0.00	24.48 1.23 0.00	24.29 1.23 0.00	25.09 1.19 0.00	24.06 1.17 0.00	22.64 1.04 0.00	23.18 1.20 0.00	22.56 1.35 0.00	20.97 1.38 0.00	21.84 1.47 0.00	26.33 1.72 0.00	27.37 1.82 -0.62	25.91 1.67 0.00	22.05 1.27 0.00	20.27 1.12 0.00
V_F_30_SYNC_DSASP 323786	20.75 0.84 0.00	18.50 0.81 0.00	17.88 0.82 0.00	18.12 0.84 -0.02	18.97 0.79 -0.01	22.37 1.00 -0.02	23.51 1.26 -0.20	29.79 1.56 -0.13	21.82 1.16 -0.07	21.82 0.92 -0.01	24.29 0.97 -0.08	24.04 0.98 0.00	24.83 0.93 0.00	23.79 0.89 -0.01	22.29 0.69 0.00	22.77 0.79 0.00	22.11 0.90 0.00	20.65 0.90 -0.15	21.55 0.96 -0.22	25.93 1.07 -0.25	26.92 1.14 -0.86	25.51 1.03 -0.24	21.73 0.70 -0.25	19.90 0.60 -0.14
V_XM_10_SYNC_DSASP 323789	19.99 0.08 0.00	17.74 0.05 0.00	17.09 0.03 0.00	17.42 0.15 0.00	18.39 0.21 0.00	21.67 0.31 0.00	22.32 0.28 0.00	28.41 0.31 0.00	20.92 0.32 0.00	21.50 0.61 0.00	23.86 0.61 0.00	23.47 0.40 0.00	23.95 0.05 0.00	22.95 0.05 0.00	21.55 -0.06 0.00	22.01 0.03 0.00	21.13 -0.08 0.00	19.62 0.02 0.00	20.53 0.16 0.00	24.99 0.38 0.00	25.36 0.43 0.00	24.39 0.15 0.00	20.84 0.06 0.00	19.26 0.11 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.34 1.44 0.00	18.96 1.27 0.00	18.32 1.26 0.00	18.56 1.27 -0.02	19.42 1.24 -0.01	22.88 1.50 -0.02	24.26 1.94 -0.28	30.96 2.68 -0.18	22.82 2.13 -0.09	22.87 1.97 -0.02	25.48 2.13 -0.10	25.18 2.12 0.00	26.06 2.15 -0.01	24.99 2.09 -0.01	23.42 1.82 0.00	23.96 1.98 0.00	23.19 1.98 0.00	21.79 1.99 -0.20	22.67 2.01 -0.29	27.22 2.28 -0.33	28.10 2.36 -0.82	26.79 2.23 -0.33	22.87 1.75 -0.33	20.87 1.52 -0.19

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.49 1.59 0.00	19.08 1.39 0.00	18.45 1.39 0.00	18.68 1.40 -0.02	19.54 1.36 -0.01	22.99 1.61 -0.02	24.37 2.06 -0.27	30.98 2.71 -0.17	22.91 2.22 -0.08	22.99 2.08 -0.02	25.60 2.25 -0.10	25.29 2.22 0.00	26.16 2.25 0.00	25.11 2.20 -0.01	23.64 2.04 0.00	24.20 2.21 0.00	23.41 2.20 0.00	21.98 2.19 -0.19	22.84 2.19 -0.28	27.38 2.45 -0.32	28.25 2.51 -0.82	26.95 2.39 -0.32	23.04 1.93 -0.33	21.01 1.67 -0.19
W50THST__13_KV_LOAD 356117	21.61 1.70 0.00	19.18 1.49 0.00	18.54 1.48 0.00	18.78 1.49 -0.02	19.63 1.46 -0.01	23.11 1.73 -0.02	24.51 2.19 -0.27	31.17 2.90 -0.17	23.06 2.37 -0.08	23.15 2.25 -0.02	25.77 2.43 -0.10	25.47 2.41 0.00	26.34 2.44 0.00	25.29 2.38 -0.01	23.81 2.21 0.00	24.36 2.38 0.00	23.57 2.36 0.00	22.13 2.34 -0.19	22.99 2.34 -0.28	27.55 2.61 -0.32	28.40 2.66 -0.82	27.09 2.54 -0.32	23.15 2.05 -0.33	21.12 1.78 -0.19
WADING RIVER_IC_1 23522	48.06 2.01 -26.13	19.44 1.75 0.00	18.78 1.72 0.00	19.00 1.73 0.00	19.84 1.67 0.00	23.29 1.93 0.00	24.51 2.38 -0.08	31.33 3.23 0.00	22.96 2.36 0.00	22.85 1.96 0.00	25.56 1.99 -0.32	27.36 1.96 -2.34	32.57 1.90 -6.77	45.87 1.97 -21.00	35.52 1.84 -12.07	59.50 2.07 -35.45	35.41 2.13 -12.07	88.02 2.14 -66.28	33.58 2.19 -11.02	60.55 2.46 -33.48	37.57 2.54 -10.10	26.63 2.39 0.00	22.75 1.97 0.00	20.78 1.62 0.00
WADING RIVER_IC_2 23547	48.06 2.01 -26.13	19.44 1.75 0.00	18.78 1.72 0.00	19.00 1.73 0.00	19.84 1.67 0.00	23.29 1.93 0.00	24.51 2.38 -0.08	31.33 3.23 0.00	22.96 2.36 0.00	22.85 1.96 0.00	25.56 1.99 -0.32	27.36 1.96 -2.34	32.57 1.90 -6.77	45.87 1.97 -21.00	35.52 1.84 -12.07	59.50 2.07 -35.45	35.41 2.13 -12.07	88.02 2.14 -66.28	33.58 2.19 -11.02	60.55 2.46 -33.48	37.57 2.54 -10.10	26.63 2.39 0.00	22.75 1.97 0.00	20.78 1.62 0.00
WADING RIVER_IC_3 23601	48.06 2.01 -26.13	19.44 1.75 0.00	18.78 1.72 0.00	19.00 1.73 0.00	19.84 1.67 0.00	23.29 1.93 0.00	24.51 2.38 -0.08	31.33 3.23 0.00	22.96 2.36 0.00	22.85 1.96 0.00	25.56 1.99 -0.32	27.36 1.96 -2.34	32.57 1.90 -6.77	45.87 1.97 -21.00	35.52 1.84 -12.07	59.50 2.07 -35.45	35.41 2.13 -12.07	88.02 2.14 -66.28	33.58 2.19 -11.02	60.55 2.46 -33.48	37.57 2.54 -10.10	26.63 2.39 0.00	22.75 1.97 0.00	20.78 1.62 0.00
WALDENNY_12_KV_BK2 80841	20.09 0.19 0.00	17.69 0.00 0.00	17.03 -0.04 0.00	16.07 -0.18 1.01	17.65 -0.20 0.33	20.07 -0.20 1.08	9.13 -0.06 12.86	20.24 0.25 8.11	16.86 0.30 4.05	20.20 0.06 0.75	18.70 0.09 4.64	23.13 0.06 0.00	23.84 0.18 0.24	22.48 0.08 0.50	21.66 0.06 0.00	21.86 -0.12 0.00	20.88 -0.33 0.00	12.57 -0.01 7.01	9.94 -0.20 10.23	12.83 -0.22 11.56	13.05 -0.25 11.62	12.43 -0.35 11.45	8.45 -0.58 11.75	11.77 -0.48 6.90
WALDEN__HYDRO 24148	21.33 1.43 0.00	18.95 1.25 0.00	18.31 1.24 0.00	18.52 1.26 0.00	19.41 1.23 0.00	22.85 1.50 0.00	23.96 1.92 0.00	30.63 2.53 0.00	22.60 2.00 0.00	22.68 1.79 0.00	25.13 1.88 0.00	24.88 1.82 0.00	25.75 1.85 0.00	24.76 1.86 0.00	23.32 1.72 0.00	23.88 1.90 0.00	23.12 1.92 0.00	21.52 1.93 0.00	22.31 1.94 0.00	26.88 2.27 0.00	27.76 2.35 -0.49	26.44 2.21 0.00	22.51 1.73 0.00	20.65 1.50 0.00
WARRENSBURG____ 23737	21.05 1.15 0.00	18.73 1.04 0.00	18.08 1.02 0.00	18.31 1.04 0.00	19.22 1.05 0.00	22.72 1.37 0.00	23.75 1.71 0.00	30.28 2.18 0.00	22.10 1.49 0.00	22.13 1.24 0.00	24.46 1.21 0.00	24.27 1.21 0.00	25.06 1.16 0.00	24.04 1.14 0.00	22.56 0.96 0.00	23.10 1.12 0.00	22.50 1.29 0.00	20.98 1.39 0.00	21.85 1.48 0.00	26.34 1.73 0.00	27.39 1.84 -0.63	25.97 1.74 0.00	22.04 1.26 0.00	20.26 1.10 0.00
WATERSIDE____6 8 9 23538	21.53 1.62 0.00	19.11 1.42 0.00	18.48 1.41 0.00	18.70 1.42 -0.02	19.57 1.39 -0.01	23.00 1.62 -0.02	24.41 2.09 -0.27	31.03 2.76 -0.17	22.94 2.25 -0.08	23.02 2.11 -0.02	25.61 2.26 -0.10	25.31 2.25 0.00	26.18 2.27 0.00	25.13 2.22 -0.01	23.68 2.08 0.00	24.22 2.24 0.00	23.43 2.22 0.00	22.02 2.22 -0.20	22.87 2.22 -0.28	27.40 2.47 -0.32	28.29 2.55 -0.82	26.97 2.42 -0.32	23.07 1.96 -0.33	21.19 1.71 -0.33
WATKINRD_115KV_LN8_ILLION 55919	19.98 0.08 0.00	17.77 0.08 0.00	17.16 0.10 0.00	17.37 0.11 0.00	18.23 0.06 0.00	21.45 0.09 0.00	22.38 0.31 -0.02	28.43 0.31 -0.02	20.81 0.20 -0.01	20.94 0.05 0.00	23.17 -0.08 -0.01	22.91 -0.15 0.00	23.75 -0.15 0.00	22.73 -0.17 0.00	21.41 -0.19 0.00	21.87 -0.11 0.00	21.23 0.02 0.00	19.77 0.15 -0.02	20.61 0.20 -0.03	24.89 0.24 -0.03	25.23 0.27 -0.04	24.48 0.21 -0.03	20.85 0.03 -0.03	19.13 -0.05 -0.02
WATSON____69_KV_BK 1 55734	48.32 2.27 -26.13	19.65 1.96 0.00	18.99 1.92 0.00	19.22 1.93 -0.02	20.06 1.89 -0.01	23.60 2.22 -0.02	25.18 2.78 -0.36	32.00 3.73 -0.17	23.45 2.76 -0.08	23.39 2.48 -0.02	26.42 2.75 -0.42	28.14 2.73 -2.34	33.37 2.70 -6.77	46.65 2.74 -21.01	36.25 2.58 -12.07	60.21 2.78 -35.45	36.07 2.79 -12.07	88.82 2.74 -66.48	34.47 2.79 -11.30	61.56 3.15 -33.80	38.58 3.23 -10.43	27.63 3.08 -0.32	23.67 2.56 -0.33	21.52 2.17 -0.19
WDELAWARE__HYD 323627	21.83 1.92 0.00	19.38 1.69 0.00	18.75 1.69 0.00	18.98 1.71 0.00	19.91 1.74 0.00	23.43 2.08 0.00	24.53 2.49 0.00	31.20 3.10 0.00	23.00 2.40 0.00	23.07 2.18 0.00	25.58 2.33 0.00	25.34 2.27 0.00	26.38 2.48 0.00	25.12 2.22 0.00	23.51 1.91 0.00	24.04 2.06 0.00	23.26 2.05 0.00	21.69 2.09 0.00	22.48 2.11 0.00	27.07 2.46 0.00	27.93 2.53 -0.48	26.61 2.38 0.00	22.66 1.89 0.00	20.83 1.67 0.00
WEST BABYLON__IC 23714	48.25 2.20 -26.13	19.59 1.90 0.00	18.93 1.87 0.00	19.17 1.88 -0.02	20.01 1.83 -0.01	23.54 2.16 -0.02	25.12 2.72 -0.36	31.93 3.66 -0.17	23.41 2.72 -0.08	23.37 2.46 -0.02	26.42 2.75 -0.42	28.15 2.75 -2.34	33.39 2.71 -6.77	46.64 2.74 -21.01	36.23 2.56 -12.07	60.18 2.75 -35.45	36.03 2.75 -12.07	88.78 2.71 -66.48	34.42 2.74 -11.30	61.51 3.10 -33.80	38.55 3.19 -10.43	27.59 3.04 -0.32	23.61 2.51 -0.33	21.48 2.13 -0.19
WEST CANADA__HYD 24049	19.97 0.06 0.00	17.73 0.04 0.00	17.11 0.05 0.00	17.31 0.04 0.00	18.21 0.04 0.00	21.41 0.06 0.00	22.16 0.11 0.00	28.23 0.13 0.00	20.70 0.10 0.00	20.94 0.05 0.00	23.27 0.02 0.00	23.07 0.00 0.00	23.90 0.00 0.00	22.90 0.00 0.00	21.60 0.00 0.00	22.01 0.02 0.00	21.27 0.06 0.00	19.68 0.09 0.00	20.45 0.08 0.00	24.71 0.10 0.00	25.03 0.10 -0.01	24.31 0.08 0.00	20.82 0.04 0.00	19.18 0.02 0.00
WESTERN_NY_WIND 24143	20.53 0.63 0.00	18.07 0.38 0.00	17.40 0.34 0.00	16.94 0.21 0.54	18.18 0.23 0.22	20.76 0.35 0.94	15.94 0.66 6.76	21.31 1.06 7.84	17.43 0.83 4.00	20.98 0.49 0.39	21.32 0.49 2.42	23.54 0.48 0.00	24.44 0.66 0.12	23.19 0.61 0.32	22.23 0.63 0.00	22.37 0.39 0.00	21.42 0.21 0.00	16.78 0.56 3.38	15.94 0.49 4.92	19.58 0.54 5.57	19.90 0.55 5.57	19.08 0.37 5.52	14.88 0.05 5.95	14.52 0.10 4.73

WESTOVER___LESR 323668	20.44 0.54 0.00	18.14 0.45 0.00	17.50 0.44 0.00	17.76 0.41 -0.08	18.62 0.43 -0.02	22.00 0.55 -0.09	23.92 0.82 -1.06	29.92 1.11 -0.71	21.79 0.83 -0.36	21.64 0.68 -0.06	24.41 0.77 -0.39	23.78 0.71 0.00	24.69 0.77 -0.02	23.69 0.75 -0.04	22.31 0.70 0.00	22.69 0.71 0.00	21.82 0.60 0.00	21.10 0.74 -0.77	22.16 0.67 -1.12	26.67 0.79 -1.27	27.14 0.76 -1.45	26.17 0.68 -1.26	22.60 0.53 -1.29	20.31 0.39 -0.75
WETHRSFD_WT_PWR 323626	19.78 -0.12 0.00	17.45 -0.24 0.00	16.83 -0.24 0.00	13.66 -0.37 3.24	16.48 -0.35 1.34	15.29 -0.36 5.70	-18.86 0.07 40.97	-19.54 0.29 47.93	-3.62 0.17 24.39	18.39 -0.12 2.39	8.31 -0.14 14.80	22.87 -0.20 0.00	22.91 -0.22 0.77	20.74 -0.20 1.95	21.52 -0.08 0.00	21.69 -0.29 0.00	20.64 -0.56 0.00	-4.62 -0.32 23.88	-14.90 -0.44 34.84	-15.39 -0.56 39.44	-15.53 -0.59 39.86	-15.58 -0.74 39.08	-22.04 -0.63 42.20	-15.07 -0.71 33.51
WHAVSTOR_138KV_BK127 55557	21.27 1.37 0.00	18.89 1.20 0.00	18.27 1.20 0.00	18.51 1.22 -0.02	19.36 1.18 -0.01	22.80 1.42 -0.02	24.16 1.84 -0.28	30.70 2.42 -0.18	22.64 1.95 -0.09	22.68 1.78 -0.02	25.25 1.90 -0.10	24.96 1.90 0.00	25.82 1.91 -0.01	24.77 1.86 -0.01	23.32 1.72 0.00	23.86 1.88 0.00	23.10 1.89 0.00	21.70 1.90 -0.20	22.58 1.92 -0.29	27.10 2.16 -0.33	27.98 2.24 -0.82	26.68 2.12 -0.33	22.78 1.67 -0.33	20.79 1.44 -0.19
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.27 1.37 0.00	18.89 1.20 0.00	18.27 1.20 0.00	18.51 1.22 -0.02	19.36 1.18 -0.01	22.80 1.42 -0.02	24.16 1.84 -0.28	30.70 2.42 -0.18	22.64 1.95 -0.09	22.68 1.78 -0.02	25.25 1.90 -0.10	24.96 1.90 0.00	25.82 1.91 -0.01	24.77 1.86 -0.01	23.32 1.72 0.00	23.86 1.88 0.00	23.10 1.89 0.00	21.70 1.90 -0.20	22.58 1.92 -0.29	27.10 2.16 -0.33	27.98 2.24 -0.82	26.68 2.12 -0.33	22.78 1.67 -0.33	20.79 1.44 -0.19
WHITEHAL_115KV_TB1 80871	21.55 1.65 0.00	19.17 1.48 0.00	18.51 1.45 0.00	18.75 1.47 -0.02	19.70 1.52 0.00	23.33 1.95 -0.02	24.64 2.39 -0.20	31.25 3.02 -0.13	22.70 2.03 -0.06	22.63 1.73 -0.01	25.05 1.73 -0.08	24.77 1.70 0.00	25.61 1.70 0.00	24.51 1.61 -0.01	23.01 1.40 0.00	23.59 1.61 0.00	23.05 1.84 0.00	21.87 2.13 -0.15	22.86 2.28 -0.21	27.48 2.62 -0.24	28.54 2.74 -0.87	26.94 2.47 -0.24	22.71 1.69 -0.24	20.90 1.60 -0.14
WHITEPLN_13_KV_LOAD 356215	21.54 1.63 0.00	19.13 1.44 0.00	18.48 1.42 0.00	18.73 1.44 -0.02	19.59 1.41 -0.01	23.07 1.69 -0.02	24.44 2.13 -0.27	31.02 2.75 -0.17	22.87 2.18 -0.09	22.92 2.02 -0.02	25.53 2.18 -0.10	25.23 2.16 0.00	26.18 2.27 0.00	25.05 2.14 -0.01	23.58 1.98 0.00	24.14 2.15 0.00	23.36 2.16 0.00	21.94 2.15 -0.19	22.83 2.17 -0.28	27.38 2.45 -0.32	28.26 2.52 -0.82	26.93 2.37 -0.32	23.00 1.90 -0.33	21.00 1.65 -0.19
WM_FLOYD_69_KV_BK2 356380	48.15 2.10 -26.13	19.51 1.83 0.00	18.86 1.80 0.00	19.10 1.81 -0.02	19.93 1.74 -0.01	23.39 2.01 -0.02	24.92 2.52 -0.36	31.63 3.36 -0.17	23.14 2.45 -0.08	23.01 2.11 -0.02	25.90 2.23 -0.42	27.59 2.19 -2.34	32.82 2.15 -6.77	46.11 2.20 -21.01	35.76 2.08 -12.07	59.73 2.30 -35.45	35.64 2.35 -12.07	88.43 2.35 -66.48	34.10 2.43 -11.30	61.12 2.71 -33.80	38.15 2.79 -10.43	27.19 2.64 -0.32	23.30 2.20 -0.33	21.19 1.85 -0.19
WOODARD__115KV_TB2 355635	19.77 -0.13 0.00	17.53 -0.16 0.00	16.91 -0.16 0.00	17.09 -0.19 -0.01	17.98 -0.20 0.00	21.17 -0.19 0.00	22.06 -0.07 -0.09	28.09 -0.05 -0.05	20.60 -0.03 -0.02	20.76 -0.13 0.00	23.15 -0.14 -0.04	22.95 -0.12 0.00	23.82 -0.08 0.00	22.82 -0.09 -0.01	21.52 -0.09 0.00	21.90 -0.09 0.00	21.13 -0.08 0.00	19.73 0.01 -0.12	20.50 -0.04 -0.18	24.75 -0.06 -0.20	25.12 -0.06 -0.25	24.33 -0.11 -0.20	20.83 -0.15 -0.20	19.14 -0.14 -0.13
YORK___WARBASSE 23770	21.58 1.67 0.00	19.15 1.46 0.00	18.52 1.46 0.00	18.75 1.46 -0.02	19.60 1.43 -0.01	23.06 1.68 -0.02	24.48 2.16 -0.27	31.10 2.83 -0.17	23.00 2.31 -0.08	23.08 2.17 -0.02	25.67 2.32 -0.10	25.37 2.31 0.00	26.24 2.33 0.00	25.19 2.28 -0.01	23.74 2.14 0.00	24.29 2.31 0.00	23.49 2.28 0.00	22.07 2.27 -0.20	22.92 2.27 -0.28	27.49 2.56 -0.32	28.37 2.63 -0.82	27.06 2.51 -0.32	23.14 2.03 -0.33	21.25 1.76 -0.33