

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/29/2023

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	18.09	19.00	19.42	19.06	17.20	20.27	19.35	20.95	21.73	22.07	23.01	23.11	22.73	23.14	22.66	24.83	24.70	21.27	22.59	25.01	25.07	22.01	19.99	19.00
24138	1.64	1.66	1.67	1.66	1.52	1.78	1.70	1.92	2.12	2.23	2.33	2.31	2.30	2.37	2.25	2.51	2.39	2.05	2.22	2.40	2.37	2.06	1.79	1.74
	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.66	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	-0.70	0.00
74TH STREET_GT_1	18.07	18.99	19.42	19.05	17.20	20.28	19.35	20.95	21.73	22.05	23.01	23.11	22.72	23.14	22.65	24.82	24.72	21.30	22.59	25.02	25.08	22.00	19.99	18.99
24260	1.62	1.65	1.67	1.65	1.52	1.78	1.69	1.92	2.11	2.22	2.33	2.31	2.29	2.36	2.25	2.50	2.41	2.07	2.23	2.41	2.37	2.05	1.79	1.73
	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.66	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	-0.70	0.00
74TH STREET_GT_2	18.07	18.99	19.42	19.05	17.20	20.28	19.35	20.95	21.73	22.05	23.01	23.11	22.72	23.14	22.65	24.82	24.72	21.30	22.59	25.02	25.08	22.00	19.99	18.99
24261	1.62	1.65	1.67	1.65	1.52	1.78	1.69	1.92	2.11	2.22	2.33	2.31	2.29	2.36	2.25	2.50	2.41	2.07	2.23	2.41	2.37	2.05	1.79	1.73
	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.66	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	-0.70	0.00
ADK HUDSON___FALLS	17.63	18.47	18.99	18.66	16.86	19.96	18.96	20.42	21.03	21.27	22.15	22.42	21.94	22.25	22.03	23.94	23.83	20.53	21.88	24.25	24.34	21.31	19.71	18.50
24011	1.03	1.01	1.04	1.07	1.00	1.29	1.20	1.23	1.31	1.39	1.43	1.46	1.43	1.44	1.44	1.59	1.51	1.31	1.51	1.62	1.59	1.35	1.28	1.24
	-0.15	-0.11	-0.19	-0.19	-0.21	-0.18	-0.09	-0.16	-0.09	-0.05	-0.04	-0.16	-0.08	-0.03	-0.85	-0.06	-0.01	0.00	-0.01	-0.02	-0.05	-0.02	-0.94	0.00
ADK RESOURCE___RCVRY	17.56	18.40	18.86	18.56	16.79	19.94	19.00	20.40	21.01	21.33	22.22	22.40	22.02	22.38	22.18	24.09	23.96	20.65	22.03	24.39	24.47	21.42	19.81	18.67
23798	1.11	1.06	1.11	1.16	1.10	1.45	1.34	1.37	1.40	1.50	1.54	1.60	1.59	1.60	1.61	1.76	1.65	1.42	1.67	1.78	1.77	1.47	1.43	1.40
	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.83	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	-0.89	0.00
ADK S GLENS___FALLS	17.63	18.47	18.99	18.66	16.86	19.96	18.96	20.42	21.03	21.27	22.15	22.42	21.94	22.25	22.03	23.94	23.83	20.53	21.88	24.25	24.34	21.31	19.71	18.50
24028	1.03	1.01	1.04	1.07	1.00	1.29	1.20	1.23	1.31	1.39	1.43	1.46	1.43	1.44	1.44	1.59	1.51	1.31	1.51	1.62	1.59	1.35	1.28	1.24
	-0.15	-0.11	-0.19	-0.19	-0.21	-0.18	-0.09	-0.16	-0.09	-0.05	-0.04	-0.16	-0.08	-0.03	-0.85	-0.06	-0.01	0.00	-0.01	-0.02	-0.05	-0.02	-0.94	0.00
ADK_NYS___DAM	17.45	18.33	18.79	18.43	16.67	19.59	18.67	20.07	20.77	21.00	21.83	21.95	21.56	21.90	21.66	23.55	23.46	20.18	21.47	23.75	23.84	20.92	19.32	18.22
23527	1.00	0.99	1.04	1.03	0.98	1.10	1.02	1.03	1.15	1.17	1.15	1.16	1.13	1.12	1.12	1.23	1.16	0.95	1.10	1.14	1.13	0.98	0.97	0.96
	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.79	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	-0.85	0.00
AIR_PRODUCTS___DRP	17.04	17.91	18.38	18.04	16.31	19.13	18.21	19.65	20.27	20.47	21.37	21.55	21.12	21.45	21.16	23.00	22.91	19.82	21.02	23.25	23.31	20.48	18.89	17.73
24190	0.43	0.45	0.43	0.44	0.46	0.45	0.45	0.45	0.56	0.58	0.65	0.59	0.62	0.64	0.61	0.65	0.59	0.59	0.65	0.61	0.55	0.52	0.49	0.47
	-0.15	-0.12	-0.20	-0.20	-0.21	-0.19	-0.10	-0.16	-0.10	-0.05	-0.04	-0.17	-0.08	-0.03	-0.81	-0.06	-0.01	0.00	-0.01	-0.03	-0.05	-0.02	-0.90	0.00
AKWESSNE_115KV_BK	16.32	17.21	17.62	17.22	15.47	18.25	17.41	18.77	19.37	19.58	20.44	20.50	20.13	20.36	19.52	22.00	21.82	18.86	17.27	22.22	22.36	19.67	17.19	16.98
355683	-0.13	-0.13	-0.13	-0.18	-0.18	-0.24	-0.25	-0.27	-0.37	-0.42	-0.41	-0.42	-0.40	-0.39	-0.37	-0.44	-0.41	-0.41	-0.44	-0.39	-0.35	-0.28	-0.31	-0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-0.16	-0.17	-0.13	-0.11	0.03	-0.15	-0.15	0.09	-0.04	2.66	0.00	0.00	0.00	0.00	0.00
ALBANY___1	17.04	17.91	18.38	18.04	16.31	19.13	18.21	19.65	20.27	20.47	21.37	21.55	21.12	21.45	21.16	23.00	22.91	19.82	21.02	23.25	23.31	20.48	18.89	17.73
23571	0.43	0.45	0.43	0.44	0.46	0.45	0.45	0.45	0.56	0.58	0.65	0.59	0.62	0.64	0.61	0.65	0.59	0.59	0.65	0.61	0.55	0.52	0.49	0.47
	-0.15	-0.12	-0.20	-0.20	-0.21	-0.19	-0.10	-0.16	-0.10	-0.05	-0.04	-0.17	-0.08	-0.03	-0.81	-0.06	-0.01	0.00	-0.01	-0.03	-0.05	-0.02	-0.90	0.00
ALBANY___2	17.04	17.91	18.38	18.04	16.31	19.13	18.21	19.65	20.27	20.47	21.37	21.55	21.12	21.45	21.16	23.00	22.91	19.82	21.02	23.25	23.31	20.48	18.89	17.73
23572	0.43	0.45	0.43	0.44	0.46	0.45	0.45	0.45	0.56	0.58	0.65	0.59	0.62	0.64	0.61	0.65	0.59	0.59	0.65	0.61	0.55	0.52	0.49	0.47
	-0.15	-0.12	-0.20	-0.20	-0.21	-0.19	-0.10	-0.16	-0.10	-0.05	-0.04	-0.17	-0.08	-0.03	-0.81	-0.06	-0.01	0.00	-0.01	-0.03	-0.05	-0.02	-0.90	0.00
ALBANY___3	17.04	17.91	18.38	18.04	16.31	19.13	18.21	19.65	20.27	20.47	21.37	21.55	21.12	21.45	21.16	23.00	22.91	19.82	21.02	23.25	23.31	20.48	18.89	17.73
23573	0.43	0.45	0.43	0.44	0.46	0.45	0.45	0.45	0.56	0.58	0.65	0.59	0.62	0.64	0.61	0.65	0.59	0.59	0.65	0.61	0.55	0.52	0.49	0.47
	-0.15	-0.12	-0.20	-0.20	-0.21	-0.19	-0.10	-0.16	-0.10	-0.05	-0.04	-0.17	-0.08	-0.03	-0.81	-0.06	-0.01	0.00	-0.01	-0.03	-0.05	-0.02	-0.90	0.00

ALBANY___4 23574	17.04 0.43 -0.15	17.91 0.45 -0.12	18.38 0.43 -0.20	18.04 0.44 -0.20	16.31 0.46 -0.21	19.13 0.45 -0.19	18.21 0.45 -0.10	19.65 0.45 -0.16	20.27 0.56 -0.10	20.47 0.58 -0.05	21.37 0.65 -0.04	21.55 0.59 -0.17	21.12 0.62 -0.08	21.45 0.64 -0.03	21.16 0.61 -0.81	23.00 0.65 -0.06	22.91 0.59 -0.01	19.82 0.59 0.00	21.02 0.65 -0.01	23.25 0.61 -0.03	23.31 0.55 -0.05	20.48 0.52 -0.02	18.89 0.49 -0.90	17.73 0.47 0.00
ALBANY___LFGE 323615	17.00 0.55 0.00	17.90 0.56 0.00	18.29 0.54 0.00	17.97 0.57 0.00	16.26 0.58 -0.04	19.10 0.61 0.00	18.25 0.59 0.00	19.64 0.61 0.00	20.34 0.72 0.00	20.60 0.76 0.00	21.51 0.83 0.00	21.57 0.77 0.00	21.22 0.79 0.00	21.60 0.83 0.00	21.34 0.78 -0.80	23.18 0.85 -0.04	23.10 0.79 0.00	19.99 0.76 0.00	21.19 0.83 0.00	23.43 0.82 0.00	23.47 0.77 0.00	20.64 0.69 0.00	19.00 0.64 -0.87	17.86 0.60 0.00
ALCOA_PA_115KV_PL-6C 55860	16.41 -0.04 0.00	17.30 -0.04 0.00	17.72 -0.04 0.00	17.31 -0.09 0.00	15.54 -0.11 0.00	18.32 -0.17 0.00	17.48 -0.17 0.00	18.82 -0.21 0.00	20.62 -0.36 -1.37	21.11 -0.40 -1.67	22.05 -0.34 -1.71	21.73 -0.35 -1.28	21.31 -0.34 -1.22	21.69 -0.31 -1.23	21.09 -0.31 -1.65	23.65 -0.36 -1.72	23.02 -0.33 -1.04	19.29 -0.34 -0.41	17.41 -0.37 2.59	22.30 -0.31 0.00	22.45 -0.25 0.00	19.75 -0.20 0.00	17.26 -0.24 0.00	17.04 -0.22 0.00
ALCOA_RYNLDS___DRP 24188	16.41 -0.04 0.00	17.30 -0.04 0.00	17.72 -0.04 0.00	17.31 -0.09 0.00	15.54 -0.11 0.00	18.32 -0.17 0.00	17.48 -0.17 0.00	18.82 -0.21 0.00	20.62 -0.36 -1.37	21.11 -0.40 -1.67	22.05 -0.34 -1.71	21.73 -0.35 -1.28	21.31 -0.34 -1.22	21.69 -0.31 -1.23	21.09 -0.31 -1.65	23.65 -0.36 -1.72	23.02 -0.33 -1.04	19.29 -0.34 -0.41	17.41 -0.37 2.59	22.30 -0.31 0.00	22.45 -0.25 0.00	19.75 -0.20 0.00	17.26 -0.24 0.00	17.04 -0.22 0.00
ALCOA___DSASP 323711	16.41 -0.04 0.00	17.31 -0.04 0.00	17.72 -0.04 0.00	17.31 -0.09 0.00	15.54 -0.11 0.00	18.32 -0.17 0.00	17.49 -0.17 0.00	18.82 -0.21 0.00	20.63 -0.36 -1.37	21.11 -0.40 -1.67	22.05 -0.34 -1.71	21.73 -0.35 -1.28	21.36 -0.34 -1.27	22.18 -0.32 -1.72	21.12 -0.31 -1.67	23.70 -0.36 -1.78	23.61 -0.33 -1.64	19.30 -0.34 -0.41	17.41 -0.37 2.59	22.30 -0.31 0.00	22.45 -0.25 0.00	19.75 -0.20 0.00	17.25 -0.24 0.00	17.04 -0.22 0.00
ALLEGHENY___COGEN 23514	42.34 -0.36 -26.24	47.17 -0.39 -30.22	48.47 -0.41 -31.13	48.03 -0.21 -30.84	41.81 -0.24 -26.40	47.78 0.00 -29.29	33.00 -0.02 -15.37	44.13 0.27 -24.83	32.58 0.20 -12.77	24.59 0.14 -4.62	23.35 0.00 -2.67	44.46 0.11 -23.56	30.37 -0.08 -10.02	24.00 -0.21 -3.43	20.06 0.19 -0.12	22.86 0.57 -0.01	22.96 0.65 0.00	20.06 0.83 0.00	21.84 0.94 -0.54	27.70 1.06 -4.03	31.94 1.07 -8.17	23.34 0.96 -2.44	26.46 0.73 -8.23	17.87 0.60 0.00
ALTAMONT_115KV_TB 2 55880	17.25 0.64 -0.16	18.13 0.67 -0.12	18.63 0.67 -0.20	18.27 0.67 -0.20	16.49 0.63 -0.21	19.39 0.71 -0.19	18.43 0.68 -0.10	19.92 0.72 -0.16	20.54 0.82 -0.10	20.73 0.85 -0.05	21.61 0.89 -0.04	21.83 0.87 -0.17	21.37 0.86 -0.08	21.70 0.89 -0.03	21.40 0.84 -0.81	23.28 0.94 -0.06	23.21 0.89 -0.01	20.03 0.80 0.00	21.26 0.88 -0.01	23.54 0.91 -0.03	23.63 0.88 -0.05	20.73 0.77 -0.02	19.10 0.71 -0.90	17.94 0.68 0.00
ALTONA_WT_PWR 323606	16.49 0.04 0.00	17.39 0.05 0.00	17.75 0.00 0.00	17.29 -0.12 0.00	15.27 -0.37 0.00	17.80 -0.69 0.00	16.95 -0.70 0.00	18.24 -0.80 0.00	-14.53 -1.08 33.06	-21.04 -1.03 39.85	-21.06 -1.06 40.68	-10.83 -1.09 30.53	-10.91 -1.07 30.27	-21.07 -1.01 40.84	-21.03 -0.93 39.85	-21.10 -1.09 42.30	-17.77 -1.13 38.95	8.43 -0.96 9.83	16.93 -0.81 2.63	21.83 -0.78 0.00	22.13 -0.57 0.00	19.52 -0.43 0.00	16.85 -0.65 0.00	16.28 -0.98 0.00
AMERICAN_REF_FUEL 24010	9.32 -0.74 6.39	9.25 -0.74 7.36	9.37 -0.80 7.58	9.19 -0.71 7.51	8.60 -0.63 6.42	10.71 -0.65 7.13	13.31 -0.61 3.74	12.46 -0.53 6.04	16.00 -0.51 3.11	18.02 -0.69 1.12	19.26 -0.77 0.65	14.66 -0.40 5.73	17.53 -0.46 2.44	19.34 -0.60 0.83	19.21 -0.64 -0.11	21.59 -0.70 -0.01	21.76 -0.55 0.00	18.76 -0.46 0.00	19.51 -0.72 0.13	20.69 -0.94 0.98	19.75 -0.97 1.98	18.45 -0.91 0.59	14.79 -0.85 1.85	16.47 -0.79 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	9.47 -0.67 6.31	9.42 -0.66 7.27	9.61 -0.66 7.49	9.72 -0.27 7.42	9.11 -0.19 6.34	11.30 -0.15 7.04	13.83 -0.13 3.69	13.08 0.01 5.97	16.58 0.03 3.07	18.72 -0.01 1.11	19.97 -0.06 0.64	15.20 0.07 5.67	18.15 0.13 2.41	20.08 0.13 0.82	20.12 0.24 -0.12	22.75 0.45 -0.01	23.04 0.73 0.00	19.87 0.65 0.00	20.74 0.50 0.13	22.03 0.39 0.97	20.94 0.19 1.96	19.33 -0.04 0.59	15.44 -0.24 1.81	16.97 -0.29 0.00
ARTHUR_KILL_GT_1 23520	18.00 1.54 0.00	18.93 1.59 0.00	19.37 1.62 0.00	19.01 1.61 0.00	17.16 1.48 -0.04	20.21 1.72 0.00	19.30 1.65 0.00	20.87 1.83 0.00	21.62 2.00 0.00	21.93 2.09 0.00	22.87 2.19 0.00	22.96 2.16 0.00	22.57 2.14 0.00	22.98 2.20 0.00	22.47 2.07 -0.66	24.64 2.32 -0.04	24.56 2.25 0.00	21.17 1.94 0.00	22.44 2.07 0.00	24.83 2.22 0.00	24.89 2.18 0.00	21.83 1.88 0.00	19.85 1.65 -0.70	18.82 1.56 0.00
ARTHUR_KILL_2 23512	17.96 1.50 0.00	18.89 1.54 0.00	19.32 1.57 0.00	18.97 1.56 0.00	17.13 1.45 -0.04	20.17 1.67 0.00	19.26 1.60 0.00	20.82 1.79 0.00	21.57 1.95 0.00	21.87 2.03 0.00	22.81 2.13 0.00	22.90 2.10 0.00	22.51 2.08 0.00	22.92 2.15 0.00	22.42 2.02 -0.66	24.57 2.25 -0.04	24.50 2.19 0.00	21.11 1.89 0.00	22.38 2.01 0.00	24.76 2.15 0.00	24.82 2.11 0.00	21.77 1.83 0.00	19.81 1.61 -0.70	18.78 1.52 0.00
ARTHUR_KILL_3 23513	17.90 1.44 0.00	18.80 1.46 0.00	19.22 1.48 0.00	18.87 1.47 0.00	17.04 1.35 -0.04	20.07 1.58 0.00	19.15 1.50 0.00	20.73 1.69 0.00	21.48 1.86 0.00	21.79 1.95 0.00	22.73 2.05 0.00	22.82 2.03 0.00	22.44 2.01 0.00	22.85 2.08 0.00	22.38 1.98 -0.66	24.52 2.20 -0.04	24.40 2.10 0.00	21.03 1.81 0.00	22.33 1.96 0.00	24.72 2.12 0.00	24.79 2.09 0.00	21.76 1.81 0.00	19.79 1.59 -0.70	18.80 1.54 0.00
ARTHUR_KILL_COGEN 323718	18.00 1.54 0.00	18.93 1.59 0.00	19.37 1.62 0.00	19.01 1.61 0.00	17.16 1.48 -0.04	20.21 1.72 0.00	19.30 1.65 0.00	20.87 1.83 0.00	21.62 2.00 0.00	21.93 2.09 0.00	22.87 2.19 0.00	22.96 2.16 0.00	22.57 2.14 0.00	22.98 2.20 0.00	22.47 2.07 -0.66	24.64 2.32 -0.04	24.56 2.25 0.00	21.17 1.94 0.00	22.44 2.07 0.00	24.83 2.22 0.00	24.89 2.18 0.00	21.83 1.88 0.00	19.85 1.65 -0.70	18.82 1.56 0.00
ASHOKAN____ 23654	17.27 0.81 0.00	18.15 0.81 0.00	18.56 0.81 0.00	18.20 0.79 0.00	16.44 0.76 -0.04	19.36 0.87 0.00	18.53 0.88 0.00	19.93 0.90 0.00	20.75 1.13 0.00	21.00 1.16 0.00	21.89 1.21 0.00	21.98 1.18 0.00	21.60 1.17 0.00	21.97 1.19 0.00	21.52 1.05 -0.73	23.55 1.23 -0.04	23.49 1.18 0.00	20.34 1.12 0.00	21.59 1.22 0.00	23.90 1.30 0.00	23.95 1.24 0.00	20.99 1.05 0.00	19.16 0.88 -0.78	18.10 0.84 0.00

ASTORIA_EAST_ENERGY_CC1 323581	18.01 1.56 0.00	18.86 1.52 0.00	19.27 1.52 0.00	18.91 1.51 0.00	17.07 1.39 -0.04	20.13 1.63 0.00	19.22 1.56 0.00	20.80 1.77 0.00	21.57 1.95 0.00	21.88 2.05 0.00	22.81 2.14 0.00	22.92 2.13 0.00	22.53 2.10 0.00	22.93 2.16 0.00	22.45 2.05 -0.66	24.62 2.30 -0.04	24.52 2.22 0.00	21.11 1.89 0.00	22.39 2.03 0.00	24.82 2.21 0.00	24.86 2.15 0.00	21.76 1.82 0.00	19.76 1.56 -0.70	18.75 1.49 0.01
ASTORIA_EAST_ENERGY_CC2 323582	18.01 1.56 0.00	18.86 1.52 0.00	19.27 1.52 0.00	18.91 1.51 0.00	17.07 1.39 -0.04	20.13 1.63 0.00	19.22 1.56 0.00	20.80 1.77 0.00	21.57 1.95 0.00	21.88 2.05 0.00	22.81 2.14 0.00	22.92 2.13 0.00	22.53 2.10 0.00	22.94 2.16 0.00	22.45 2.05 -0.66	24.62 2.29 -0.04	24.52 2.22 0.00	21.11 1.89 0.00	22.40 2.03 0.00	24.82 2.21 0.00	24.86 2.15 0.00	21.76 1.82 0.00	19.76 1.56 -0.70	18.75 1.49 0.01
ASTORIA_GT2_1 24094	18.01 1.56 0.00	18.86 1.52 0.00	19.27 1.52 0.00	18.91 1.51 0.00	17.07 1.39 -0.04	20.13 1.63 0.00	19.22 1.56 0.00	20.80 1.77 0.00	21.57 1.95 0.00	21.88 2.05 0.00	22.81 2.14 0.00	22.92 2.13 0.00	22.53 2.10 0.00	22.94 2.16 0.00	22.45 2.05 -0.66	24.62 2.30 -0.04	24.52 2.22 0.00	21.11 1.89 0.00	22.40 2.03 0.00	24.82 2.21 0.00	24.86 2.15 0.00	21.77 1.82 0.00	19.77 1.57 -0.70	18.76 1.50 0.01
ASTORIA_GT2_2 24095	18.01 1.56 0.00	18.86 1.52 0.00	19.27 1.52 0.00	18.91 1.51 0.00	17.07 1.39 -0.04	20.13 1.63 0.00	19.22 1.56 0.00	20.80 1.77 0.00	21.57 1.95 0.00	21.88 2.05 0.00	22.81 2.14 0.00	22.92 2.13 0.00	22.53 2.10 0.00	22.94 2.16 0.00	22.45 2.05 -0.66	24.62 2.30 -0.04	24.52 2.22 0.00	21.11 1.89 0.00	22.40 2.03 0.00	24.82 2.21 0.00	24.86 2.15 0.00	21.77 1.82 0.00	19.77 1.57 -0.70	18.76 1.50 0.01
ASTORIA_GT2_3 24096	18.01 1.56 0.00	18.86 1.52 0.00	19.27 1.52 0.00	18.91 1.51 0.00	17.07 1.39 -0.04	20.13 1.63 0.00	19.22 1.56 0.00	20.80 1.77 0.00	21.57 1.95 0.00	21.88 2.05 0.00	22.81 2.14 0.00	22.92 2.13 0.00	22.53 2.10 0.00	22.94 2.16 0.00	22.45 2.05 -0.66	24.62 2.30 -0.04	24.52 2.22 0.00	21.11 1.89 0.00	22.40 2.03 0.00	24.82 2.21 0.00	24.86 2.15 0.00	21.77 1.82 0.00	19.77 1.57 -0.70	18.76 1.50 0.01
ASTORIA_GT2_4 24097	18.01 1.56 0.00	18.86 1.52 0.00	19.27 1.52 0.00	18.91 1.51 0.00	17.07 1.39 -0.04	20.13 1.63 0.00	19.22 1.56 0.00	20.80 1.77 0.00	21.57 1.95 0.00	21.88 2.05 0.00	22.81 2.14 0.00	22.92 2.13 0.00	22.53 2.10 0.00	22.94 2.16 0.00	22.45 2.05 -0.66	24.62 2.30 -0.04	24.52 2.22 0.00	21.11 1.89 0.00	22.40 2.03 0.00	24.82 2.21 0.00	24.86 2.15 0.00	21.77 1.82 0.00	19.77 1.57 -0.70	18.76 1.50 0.01
ASTORIA_GT3_1 24098	18.01 1.56 0.00	18.86 1.52 0.00	19.27 1.52 0.00	18.91 1.51 0.00	17.07 1.39 -0.04	20.13 1.63 0.00	19.22 1.56 0.00	20.80 1.77 0.00	21.57 1.95 0.00	21.88 2.05 0.00	22.81 2.14 0.00	22.92 2.13 0.00	22.53 2.10 0.00	22.94 2.16 0.00	22.45 2.05 -0.66	24.62 2.30 -0.04	24.52 2.22 0.00	21.11 1.89 0.00	22.40 2.03 0.00	24.82 2.21 0.00	24.86 2.15 0.00	21.77 1.82 0.00	19.77 1.57 -0.70	18.76 1.50 0.01
ASTORIA_GT3_2 24099	18.01 1.56 0.00	18.86 1.52 0.00	19.27 1.52 0.00	18.91 1.51 0.00	17.07 1.39 -0.04	20.13 1.63 0.00	19.22 1.56 0.00	20.80 1.77 0.00	21.57 1.95 0.00	21.88 2.05 0.00	22.81 2.14 0.00	22.92 2.13 0.00	22.53 2.10 0.00	22.94 2.16 0.00	22.45 2.05 -0.66	24.62 2.30 -0.04	24.52 2.22 0.00	21.11 1.89 0.00	22.40 2.03 0.00	24.82 2.21 0.00	24.86 2.15 0.00	21.77 1.82 0.00	19.77 1.57 -0.70	18.76 1.50 0.01
ASTORIA_GT3_3 24100	18.01 1.56 0.00	18.86 1.52 0.00	19.27 1.52 0.00	18.91 1.51 0.00	17.07 1.39 -0.04	20.13 1.63 0.00	19.22 1.56 0.00	20.80 1.77 0.00	21.57 1.95 0.00	21.88 2.05 0.00	22.81 2.14 0.00	22.92 2.13 0.00	22.53 2.10 0.00	22.94 2.16 0.00	22.45 2.05 -0.66	24.62 2.30 -0.04	24.52 2.22 0.00	21.11 1.89 0.00	22.40 2.03 0.00	24.82 2.21 0.00	24.86 2.15 0.00	21.77 1.82 0.00	19.77 1.57 -0.70	18.76 1.50 0.01
ASTORIA_GT3_4 24101	18.01 1.56 0.00	18.86 1.52 0.00	19.27 1.52 0.00	18.91 1.51 0.00	17.07 1.39 -0.04	20.13 1.63 0.00	19.22 1.56 0.00	20.80 1.77 0.00	21.57 1.95 0.00	21.88 2.05 0.00	22.81 2.14 0.00	22.92 2.13 0.00	22.53 2.10 0.00	22.94 2.16 0.00	22.45 2.05 -0.66	24.62 2.30 -0.04	24.52 2.22 0.00	21.11 1.89 0.00	22.40 2.03 0.00	24.82 2.21 0.00	24.86 2.15 0.00	21.77 1.82 0.00	19.77 1.57 -0.70	18.76 1.50 0.01
ASTORIA_GT4_1 24102	18.01 1.56 0.00	18.86 1.52 0.00	19.27 1.52 0.00	18.91 1.51 0.00	17.07 1.39 -0.04	20.13 1.63 0.00	19.22 1.56 0.00	20.80 1.77 0.00	21.57 1.95 0.00	21.88 2.05 0.00	22.81 2.14 0.00	22.92 2.13 0.00	22.53 2.10 0.00	22.94 2.16 0.00	22.45 2.05 -0.66	24.62 2.30 -0.04	24.52 2.22 0.00	21.11 1.89 0.00	22.40 2.03 0.00	24.82 2.21 0.00	24.86 2.15 0.00	21.77 1.82 0.00	19.77 1.57 -0.70	18.76 1.50 0.01
ASTORIA_GT4_2 24103	18.01 1.56 0.00	18.86 1.52 0.00	19.27 1.52 0.00	18.91 1.51 0.00	17.07 1.39 -0.04	20.13 1.63 0.00	19.22 1.56 0.00	20.80 1.77 0.00	21.57 1.95 0.00	21.88 2.05 0.00	22.81 2.14 0.00	22.92 2.13 0.00	22.53 2.10 0.00	22.94 2.16 0.00	22.45 2.05 -0.66	24.62 2.30 -0.04	24.52 2.22 0.00	21.11 1.89 0.00	22.40 2.03 0.00	24.82 2.21 0.00	24.86 2.15 0.00	21.77 1.82 0.00	19.77 1.57 -0.70	18.76 1.50 0.01
ASTORIA_GT4_3 24104	18.01 1.56 0.00	18.86 1.52 0.00	19.27 1.52 0.00	18.91 1.51 0.00	17.07 1.39 -0.04	20.13 1.63 0.00	19.22 1.56 0.00	20.80 1.77 0.00	21.57 1.95 0.00	21.88 2.05 0.00	22.81 2.14 0.00	22.92 2.13 0.00	22.53 2.10 0.00	22.94 2.16 0.00	22.45 2.05 -0.66	24.62 2.30 -0.04	24.52 2.22 0.00	21.11 1.89 0.00	22.40 2.03 0.00	24.82 2.21 0.00	24.86 2.15 0.00	21.77 1.82 0.00	19.77 1.57 -0.70	18.76 1.50 0.01
ASTORIA_GT4_4 24105	18.01 1.56 0.00	18.86 1.52 0.00	19.27 1.52 0.00	18.91 1.51 0.00	17.07 1.39 -0.04	20.13 1.63 0.00	19.22 1.56 0.00	20.80 1.77 0.00	21.57 1.95 0.00	21.88 2.05 0.00	22.81 2.14 0.00	22.92 2.13 0.00	22.53 2.10 0.00	22.94 2.16 0.00	22.45 2.05 -0.66	24.62 2.30 -0.04	24.52 2.22 0.00	21.11 1.89 0.00	22.40 2.03 0.00	24.82 2.21 0.00	24.86 2.15 0.00	21.77 1.82 0.00	19.77 1.57 -0.70	18.76 1.50 0.01
ASTORIA_GT_1 23523	18.04 1.58 0.00	18.88 1.54 0.00	19.30 1.55 0.00	18.94 1.54 0.00	17.09 1.41 -0.04	20.15 1.66 0.00	19.25 1.60 0.00	20.84 1.80 0.00	21.61 1.99 0.00	21.92 2.08 0.00	22.86 2.18 0.00	22.96 2.17 0.00	22.58 2.15 0.00	22.97 2.20 0.00	22.49 2.09 -0.66	24.66 2.34 -0.04	24.57 2.26 0.00	21.15 1.93 0.00	22.44 2.07 0.00	24.87 2.26 0.00	24.91 2.20 0.00	21.81 1.86 0.00	19.80 1.60 -0.70	18.79 1.54 0.01

ASTORIA_GT_10 24110	18.02 1.56 0.00	18.94 1.60 0.00	19.36 1.61 0.00	18.99 1.59 0.00	17.15 1.47 -0.04	20.21 1.72 0.00	19.29 1.64 0.00	20.88 1.84 0.00	21.66 2.03 0.00	21.97 2.13 0.00	22.91 2.23 0.00	23.02 2.22 0.00	22.62 2.20 0.00	23.03 2.25 0.00	22.55 2.15 -0.66	24.70 2.38 -0.04	24.60 2.29 0.00	21.20 1.97 0.00	22.49 2.13 0.00	24.92 2.31 0.00	24.97 2.26 0.00	21.92 1.97 0.00	19.91 1.71 -0.70	18.91 1.65 0.00
ASTORIA_GT_11 24225	18.02 1.56 0.00	18.94 1.60 0.00	19.36 1.61 0.00	18.99 1.59 0.00	17.15 1.47 -0.04	20.21 1.72 0.00	19.29 1.64 0.00	20.88 1.84 0.00	21.66 2.03 0.00	21.97 2.13 0.00	22.91 2.23 0.00	23.02 2.22 0.00	22.62 2.20 0.00	23.03 2.25 0.00	22.55 2.15 -0.66	24.70 2.38 -0.04	24.60 2.29 0.00	21.20 1.97 0.00	22.49 2.13 0.00	24.92 2.31 0.00	24.97 2.26 0.00	21.92 1.97 0.00	19.91 1.71 -0.70	18.91 1.65 0.00
ASTORIA_GT_12 24226	18.02 1.56 0.00	18.94 1.60 0.00	19.36 1.61 0.00	18.99 1.59 0.00	17.15 1.47 -0.04	20.21 1.72 0.00	19.29 1.64 0.00	20.88 1.84 0.00	21.66 2.03 0.00	21.97 2.13 0.00	22.91 2.23 0.00	23.02 2.22 0.00	22.62 2.20 0.00	23.03 2.25 0.00	22.55 2.15 -0.66	24.70 2.38 -0.04	24.60 2.29 0.00	21.20 1.97 0.00	22.49 2.13 0.00	24.92 2.31 0.00	24.97 2.26 0.00	21.92 1.97 0.00	19.91 1.71 -0.70	18.91 1.65 0.00
ASTORIA_GT_13 24227	18.02 1.56 0.00	18.94 1.60 0.00	19.36 1.61 0.00	18.99 1.59 0.00	17.15 1.47 -0.04	20.21 1.72 0.00	19.29 1.64 0.00	20.88 1.84 0.00	21.66 2.03 0.00	21.97 2.13 0.00	22.91 2.23 0.00	23.02 2.22 0.00	22.62 2.20 0.00	23.03 2.25 0.00	22.55 2.15 -0.66	24.70 2.38 -0.04	24.60 2.29 0.00	21.20 1.97 0.00	22.49 2.13 0.00	24.92 2.31 0.00	24.97 2.26 0.00	21.92 1.97 0.00	19.91 1.71 -0.70	18.91 1.65 0.00
ASTORIA_GT_5 24106	18.04 1.58 0.00	18.88 1.54 0.00	19.30 1.55 0.00	18.94 1.54 0.00	17.09 1.41 -0.04	20.15 1.66 0.00	19.25 1.60 0.00	20.84 1.80 0.00	21.61 1.99 0.00	21.92 2.08 0.00	22.86 2.18 0.00	22.96 2.17 0.00	22.58 2.15 0.00	22.97 2.20 0.00	22.49 2.09 0.00	24.66 2.34 0.00	24.57 2.26 0.00	21.15 1.93 0.00	22.44 2.07 0.00	24.87 2.26 0.00	24.91 2.20 0.00	21.81 1.86 0.00	19.80 1.60 -0.70	18.79 1.54 0.01
ASTORIA_GT_7 24107	18.04 1.58 0.00	18.88 1.54 0.00	19.30 1.55 0.00	18.94 1.54 0.00	17.09 1.41 -0.04	20.15 1.66 0.00	19.25 1.60 0.00	20.84 1.80 0.00	21.61 1.99 0.00	21.92 2.08 0.00	22.86 2.18 0.00	22.96 2.17 0.00	22.58 2.15 0.00	22.97 2.20 0.00	22.49 2.09 -0.66	24.66 2.34 -0.04	24.57 2.26 0.00	21.15 1.93 0.00	22.44 2.07 0.00	24.87 2.26 0.00	24.91 2.20 0.00	21.81 1.86 0.00	19.80 1.60 -0.70	18.79 1.54 0.01
ASTORIA_GT_8 24108	18.04 1.58 0.00	18.88 1.54 0.00	19.30 1.55 0.00	18.94 1.54 0.00	17.09 1.41 -0.04	20.15 1.66 0.00	19.25 1.60 0.00	20.84 1.80 0.00	21.61 1.99 0.00	21.92 2.08 0.00	22.86 2.18 0.00	22.96 2.17 0.00	22.58 2.15 0.00	22.97 2.20 0.00	22.49 2.09 -0.66	24.66 2.34 -0.04	24.57 2.26 0.00	21.15 1.93 0.00	22.44 2.07 0.00	24.87 2.26 0.00	24.91 2.20 0.00	21.81 1.86 0.00	19.80 1.60 -0.70	18.79 1.54 0.01
ASTORIA___2 24149	18.01 1.56 0.00	18.86 1.52 0.00	19.27 1.52 0.00	18.91 1.51 0.00	17.07 1.39 -0.04	20.13 1.63 0.00	19.22 1.56 0.00	20.80 1.77 0.00	21.57 1.95 0.00	21.88 2.05 0.00	22.81 2.14 0.00	22.92 2.13 0.00	22.53 2.10 0.00	22.94 2.16 0.00	22.45 2.05 -0.66	24.62 2.30 -0.04	24.52 2.22 0.00	21.11 1.89 0.00	22.40 2.03 0.00	24.82 2.21 0.00	24.86 2.15 0.00	21.77 1.82 0.00	19.77 1.57 -0.70	18.76 1.50 0.01
ASTORIA___3 23516	18.02 1.56 0.00	18.94 1.60 0.00	19.36 1.61 0.00	18.99 1.59 0.00	17.15 1.47 -0.04	20.21 1.72 0.00	19.29 1.64 0.00	20.88 1.84 0.00	21.66 2.03 0.00	21.97 2.13 0.00	22.91 2.23 0.00	23.02 2.22 0.00	22.62 2.20 0.00	23.03 2.25 0.00	22.55 2.15 -0.66	24.70 2.38 -0.04	24.60 2.29 0.00	21.20 1.97 0.00	22.49 2.13 0.00	24.92 2.31 0.00	24.97 2.26 0.00	21.92 1.97 0.00	19.91 1.71 -0.70	18.91 1.65 0.00
ASTORIA___4 23517	18.11 1.57 -0.09	19.04 1.60 -0.10	19.62 1.61 -0.26	19.25 1.59 -0.26	17.37 1.47 -0.26	20.45 1.71 -0.25	19.42 1.64 -0.13	21.09 1.85 -0.21	21.79 2.04 -0.13	22.03 2.14 -0.06	22.96 2.24 -0.04	23.24 2.23 -0.21	22.73 2.21 -0.10	23.05 2.26 -0.02	22.57 2.15 -0.67	24.72 2.38 -0.06	24.61 2.29 -0.02	21.20 1.97 0.00	22.50 2.12 -0.01	24.95 2.30 -0.03	25.04 2.26 -0.07	21.94 1.97 -0.02	19.98 1.71 -0.77	18.91 1.65 0.00
ASTORIA___5 23518	18.02 1.56 0.00	18.94 1.60 0.00	19.36 1.61 0.00	18.99 1.59 0.00	17.15 1.47 -0.04	20.21 1.72 0.00	19.29 1.64 0.00	20.88 1.84 0.00	21.66 2.03 0.00	21.97 2.13 0.00	22.91 2.23 0.00	23.02 2.22 0.00	22.62 2.20 0.00	23.03 2.25 0.00	22.55 2.15 -0.66	24.70 2.38 -0.04	24.60 2.29 0.00	21.20 1.97 0.00	22.49 2.13 0.00	24.92 2.31 0.00	24.97 2.26 0.00	21.92 1.97 0.00	19.91 1.71 -0.70	18.91 1.65 0.00
AST_ENERGY_2_CC3 323677	17.94 1.49 0.00	18.87 1.53 0.00	19.28 1.53 0.00	18.92 1.52 0.00	17.08 1.40 -0.04	20.12 1.63 0.00	19.19 1.54 0.00	20.77 1.73 0.00	21.54 1.92 0.00	21.85 2.02 0.00	22.82 2.14 0.00	22.92 2.12 0.00	22.53 2.11 0.00	22.94 2.16 0.00	22.47 2.07 -0.66	24.61 2.29 -0.04	24.49 2.18 0.00	21.09 1.87 0.00	22.38 2.02 0.00	24.79 2.18 0.00	24.85 2.15 0.00	21.81 1.86 0.00	19.82 1.62 -0.70	18.84 1.58 0.00
AST_ENERGY_2_CC4 323678	17.94 1.49 0.00	18.87 1.53 0.00	19.28 1.53 0.00	18.92 1.52 0.00	17.08 1.40 -0.04	20.12 1.63 0.00	19.19 1.54 0.00	20.77 1.73 0.00	21.54 1.92 0.00	21.85 2.02 0.00	22.82 2.14 0.00	22.92 2.12 0.00	22.53 2.11 0.00	22.94 2.16 0.00	22.47 2.07 -0.66	24.61 2.29 -0.04	24.49 2.18 0.00	21.09 1.87 0.00	22.38 2.02 0.00	24.79 2.18 0.00	24.85 2.15 0.00	21.81 1.86 0.00	19.82 1.62 -0.70	18.84 1.58 0.00
ATHENS_STG_1 23668	17.28 0.83 0.00	18.20 0.86 0.00	18.62 0.87 0.00	18.27 0.87 0.00	16.49 0.80 -0.04	19.41 0.92 0.00	18.53 0.87 0.00	19.99 0.95 0.00	20.68 1.07 0.00	20.95 1.11 0.00	21.83 1.16 0.00	21.94 1.14 0.00	21.56 1.14 0.00	21.94 1.16 0.00	21.57 1.11 -0.71	23.56 1.24 -0.04	23.49 1.18 0.00	20.25 1.03 0.00	21.49 1.13 0.00	23.81 1.19 0.00	23.86 1.16 0.00	20.96 1.01 0.00	19.17 0.91 -0.77	18.14 0.88 0.00
ATHENS_STG_2 23670	17.28 0.83 0.00	18.20 0.86 0.00	18.62 0.87 0.00	18.27 0.87 0.00	16.49 0.80 -0.04	19.41 0.92 0.00	18.53 0.87 0.00	19.99 0.95 0.00	20.68 1.07 0.00	20.95 1.11 0.00	21.83 1.16 0.00	21.94 1.14 0.00	21.56 1.16 0.00	21.94 1.16 0.00	21.57 1.11 -0.71	23.56 1.24 -0.04	23.49 1.18 0.00	20.25 1.03 0.00	21.49 1.13 0.00	23.81 1.19 0.00	23.86 1.16 0.00	20.96 1.01 0.00	19.17 0.91 -0.77	18.14 0.88 0.00

ATHENS_STG_3 23677	17.28 0.83 0.00	18.20 0.86 0.00	18.62 0.87 0.00	18.27 0.87 0.00	16.49 0.80 -0.04	19.41 0.92 0.00	18.53 0.87 0.00	19.99 0.95 0.00	20.68 1.07 0.00	20.95 1.11 0.00	21.83 1.16 0.00	21.94 1.14 0.00	21.56 1.14 0.00	21.94 1.16 0.00	21.57 1.11 -0.71	23.56 1.24 -0.04	23.49 1.18 0.00	20.25 1.03 0.00	21.49 1.13 0.00	23.81 1.19 0.00	23.86 1.16 0.00	20.96 1.01 0.00	19.17 0.91 -0.77	18.14 0.88 0.00
AUBURN___LFGE 323710	17.09 0.22 -0.42	18.10 0.27 -0.49	19.16 0.17 -1.24	18.93 0.30 -1.23	16.96 0.25 -1.06	20.12 0.46 -1.17	18.60 0.33 -0.61	20.48 0.45 -0.99	20.75 0.53 -0.60	20.69 0.56 -0.29	21.40 0.50 -0.22	22.35 0.53 -1.02	21.41 0.51 -0.47	21.44 0.58 -0.08	20.41 0.47 -0.20	23.03 0.63 -0.12	23.08 0.70 -0.06	19.89 0.64 -0.03	20.95 0.57 -0.01	23.46 0.68 -0.16	23.71 0.68 -0.33	20.63 0.59 -0.10	18.42 0.50 -0.43	17.70 0.44 0.00
BABYLON_RES_REC 323704	18.16 1.71 0.00	19.02 1.67 0.00	19.35 1.60 0.00	19.01 1.61 0.00	17.22 1.54 -0.04	20.34 1.85 0.00	19.44 1.79 0.00	21.08 2.05 0.00	21.90 2.28 0.00	24.02 2.49 -1.70	29.78 2.58 -6.52	28.84 2.55 -5.49	43.12 2.51 -20.18	31.62 2.57 -8.28	59.31 2.43 -37.13	80.07 2.65 -55.14	44.89 2.62 -19.96	21.66 2.26 -0.18	23.89 2.47 -1.06	25.23 2.62 0.00	25.22 2.52 0.00	41.63 2.29 -19.38	20.13 1.93 -0.70	19.16 1.90 0.00
BABYLON__69_KV_BK2 356345	18.40 1.86 -0.09	19.27 1.83 -0.10	19.75 1.74 -0.26	19.40 1.74 -0.26	17.56 1.66 -0.26	20.73 1.99 -0.25	19.72 1.94 -0.13	21.45 2.21 -0.21	22.23 2.49 -0.12	24.28 2.68 -1.76	30.02 2.77 -6.57	29.25 2.74 -5.71	43.42 2.71 -20.27	31.83 2.75 -8.30	59.51 2.61 -37.15	80.29 2.85 -55.16	45.11 2.83 -19.97	21.83 2.42 -0.19	24.08 2.64 -1.07	25.46 2.81 -0.03	25.48 2.70 -0.07	41.84 2.48 -19.41	20.35 2.09 -0.77	19.30 2.04 0.00
BARON_WINDS___WT_PWR 323822	-28.11 -0.46 44.11	-33.91 -0.47 50.79	-35.02 -0.45 52.32	-34.69 -0.26 51.82	-28.96 -0.26 44.35	-30.92 -0.19 49.22	-8.38 -0.21 25.83	-22.80 -0.11 41.73	-1.91 -0.08 21.45	11.93 -0.15 7.76	15.97 -0.22 4.49	-18.90 -0.11 39.59	3.48 -0.12 16.83	14.93 -0.09 5.76	19.99 0.09 -0.15	22.48 0.19 -0.01	22.53 0.22 0.00	19.41 0.18 0.00	19.65 0.18 0.91	16.06 0.22 6.77	9.15 0.13 13.70	16.04 0.19 4.09	4.18 0.12 13.44	17.22 -0.04 0.00
BARRETT_IC_1 23704	18.10 1.65 0.00	18.98 1.63 0.00	19.32 1.58 0.00	18.95 1.55 0.00	17.18 1.49 -0.04	20.23 1.74 0.00	19.30 1.65 0.00	20.84 1.81 0.00	21.64 2.02 0.00	23.72 2.18 -1.70	29.53 2.33 -6.52	28.65 2.36 -5.49	42.92 2.31 -20.18	31.44 2.38 -8.28	59.10 2.22 -37.13	79.84 2.42 -55.14	44.62 2.35 -19.96	21.42 2.01 -0.18	23.62 2.19 -1.06	24.95 2.34 0.00	24.96 2.26 0.00	41.37 2.04 -19.38	19.94 1.74 -0.70	18.99 1.73 0.00
BARRETT_IC_10 23701	18.10 1.65 0.00	18.98 1.63 0.00	19.32 1.58 0.00	18.95 1.55 0.00	17.18 1.49 -0.04	20.23 1.74 0.00	19.30 1.65 0.00	20.84 1.81 0.00	21.64 2.02 0.00	23.72 2.18 -1.70	29.53 2.33 -6.52	28.65 2.36 -5.49	42.92 2.31 -20.18	31.44 2.38 -8.28	59.10 2.22 -37.13	79.84 2.42 -55.14	44.62 2.35 -19.96	21.42 2.01 -0.18	23.62 2.19 -1.06	24.95 2.34 0.00	24.96 2.26 0.00	41.37 2.04 -19.38	19.94 1.74 -0.70	18.99 1.73 0.00
BARRETT_IC_11 23702	18.10 1.65 0.00	18.98 1.63 0.00	19.32 1.58 0.00	18.95 1.55 0.00	17.18 1.49 -0.04	20.23 1.74 0.00	19.30 1.65 0.00	20.84 1.81 0.00	21.64 2.02 0.00	23.72 2.18 -1.70	29.53 2.33 -6.52	28.65 2.36 -5.49	42.92 2.31 -20.18	31.44 2.38 -8.28	59.10 2.22 -37.13	79.84 2.42 -55.14	44.62 2.35 -19.96	21.42 2.01 -0.18	23.62 2.19 -1.06	24.95 2.34 0.00	24.96 2.26 0.00	41.37 2.04 -19.38	19.94 1.74 -0.70	18.99 1.73 0.00
BARRETT_IC_12 23703	18.10 1.65 0.00	18.98 1.63 0.00	19.32 1.58 0.00	18.95 1.55 0.00	17.18 1.49 -0.04	20.23 1.74 0.00	19.30 1.65 0.00	20.84 1.81 0.00	21.64 2.02 0.00	23.72 2.18 -1.70	29.53 2.33 -6.52	28.65 2.36 -5.49	42.92 2.31 -20.18	31.44 2.38 -8.28	59.10 2.22 -37.13	79.84 2.42 -55.14	44.62 2.35 -19.96	21.42 2.01 -0.18	23.62 2.19 -1.06	24.95 2.34 0.00	24.96 2.26 0.00	41.37 2.04 -19.38	19.94 1.74 -0.70	18.99 1.73 0.00
BARRETT_IC_2 23705	18.10 1.65 0.00	18.98 1.63 0.00	19.32 1.58 0.00	18.95 1.55 0.00	17.18 1.49 -0.04	20.23 1.74 0.00	19.30 1.65 0.00	20.84 1.81 0.00	21.64 2.02 0.00	23.72 2.18 -1.70	29.53 2.33 -6.52	28.65 2.36 -5.49	42.92 2.31 -20.18	31.44 2.38 -8.28	59.10 2.22 -37.13	79.84 2.42 -55.14	44.62 2.35 -19.96	21.42 2.01 -0.18	23.62 2.19 -1.06	24.95 2.34 0.00	24.96 2.26 0.00	41.37 2.04 -19.38	19.94 1.74 -0.70	18.99 1.73 0.00
BARRETT_IC_3 23706	18.10 1.65 0.00	18.98 1.63 0.00	19.32 1.58 0.00	18.95 1.55 0.00	17.18 1.49 -0.04	20.23 1.74 0.00	19.30 1.65 0.00	20.84 1.81 0.00	21.64 2.02 0.00	23.72 2.18 -1.70	29.53 2.33 -6.52	28.65 2.36 -5.49	42.92 2.31 -20.18	31.44 2.38 -8.28	59.10 2.22 -37.13	79.84 2.42 -55.14	44.62 2.35 -19.96	21.42 2.01 -0.18	23.62 2.19 -1.06	24.95 2.34 0.00	24.96 2.26 0.00	41.37 2.04 -19.38	19.94 1.74 -0.70	18.99 1.73 0.00
BARRETT_IC_4 23707	18.10 1.65 0.00	18.98 1.63 0.00	19.32 1.58 0.00	18.95 1.55 0.00	17.18 1.49 -0.04	20.23 1.74 0.00	19.30 1.65 0.00	20.84 1.81 0.00	21.64 2.02 0.00	23.72 2.18 -1.70	29.53 2.33 -6.52	28.65 2.36 -5.49	42.92 2.31 -20.18	31.44 2.38 -8.28	59.10 2.22 -37.13	79.84 2.42 -55.14	44.62 2.35 -19.96	21.42 2.01 -0.18	23.62 2.19 -1.06	24.95 2.34 0.00	24.96 2.26 0.00	41.37 2.04 -19.38	19.94 1.74 -0.70	18.99 1.73 0.00
BARRETT_IC_5 23708	18.10 1.65 0.00	18.98 1.63 0.00	19.32 1.58 0.00	18.95 1.55 0.00	17.18 1.49 -0.04	20.23 1.74 0.00	19.30 1.65 0.00	20.84 1.81 0.00	21.64 2.02 0.00	23.72 2.18 -1.70	29.53 2.33 -6.52	28.65 2.36 -5.49	42.92 2.31 -20.18	31.44 2.38 -8.28	59.10 2.22 -37.13	79.84 2.42 -55.14	44.62 2.35 -19.96	21.42 2.01 -0.18	23.62 2.19 -1.06	24.95 2.34 0.00	24.96 2.26 0.00	41.37 2.04 -19.38	19.94 1.74 -0.70	18.99 1.73 0.00
BARRETT_IC_6 23709	18.10 1.65 0.00	18.98 1.63 0.00	19.32 1.58 0.00	18.95 1.55 0.00	17.18 1.49 -0.04	20.23 1.74 0.00	19.30 1.65 0.00	20.84 1.81 0.00	21.64 2.02 0.00	23.72 2.18 -1.70	29.53 2.33 -6.52	28.65 2.36 -5.49	42.92 2.31 -20.18	31.44 2.38 -8.28	59.10 2.22 -37.13	79.84 2.42 -55.14	44.62 2.35 -19.96	21.42 2.01 -0.18	23.62 2.19 -1.06	24.95 2.34 0.00	24.96 2.26 0.00	41.37 2.04 -19.38	19.94 1.74 -0.70	18.99 1.73 0.00
BARRETT_IC_7 23710	18.10 1.65 0.00	18.98 1.63 0.00	19.32 1.58 0.00	18.95 1.55 0.00	17.18 1.49 -0.04	20.23 1.74 0.00	19.30 1.65 0.00	20.84 1.81 0.00	21.64 2.02 0.00	23.72 2.18 -1.70	29.53 2.33 -6.52	28.65 2.36 -5.49	42.92 2.31 -20.18	31.44 2.38 -8.28	59.10 2.22 -37.13	79.84 2.42 -55.14	44.62 2.35 -19.96	21.42 2.01 -0.18	23.62 2.19 -1.06	24.95 2.34 0.00	24.96 2.26 0.00	41.37 2.04 -19.38	19.94 1.74 -0.70	18.99 1.73 0.00

BARRETT_IC_8 23711	18.10 1.65 0.00	18.98 1.63 0.00	19.32 1.58 0.00	18.95 1.55 0.00	17.18 1.49 -0.04	20.23 1.74 0.00	19.30 1.65 0.00	20.84 1.81 0.00	21.64 2.02 0.00	23.72 2.18 -1.70	29.53 2.33 -6.52	28.65 2.36 -5.49	42.92 2.31 -20.18	31.44 2.38 -8.28	59.10 2.22 -37.13	79.84 2.42 -55.14	44.62 2.35 -19.96	21.42 2.01 -0.18	23.62 2.19 -1.06	24.95 2.34 0.00	24.96 2.26 0.00	41.37 2.04 -19.38	19.94 1.74 -0.70	18.99 1.73 0.00
BARRETT_IC_9 23700	18.10 1.65 0.00	18.98 1.63 0.00	19.32 1.58 0.00	18.95 1.55 0.00	17.18 1.49 -0.04	20.23 1.74 0.00	19.30 1.65 0.00	20.84 1.81 0.00	21.64 2.02 0.00	23.72 2.18 -1.70	29.53 2.33 -6.52	28.65 2.36 -5.49	42.92 2.31 -20.18	31.44 2.38 -8.28	59.10 2.22 -37.13	79.84 2.42 -55.14	44.62 2.35 -19.96	21.42 2.01 -0.18	23.62 2.19 -1.06	24.95 2.34 0.00	24.96 2.26 0.00	41.37 2.04 -19.38	19.94 1.74 -0.70	18.99 1.73 0.00
BARRETT___1 23545	18.10 1.65 0.00	18.98 1.63 0.00	19.32 1.58 0.00	18.95 1.55 0.00	17.18 1.49 -0.04	20.23 1.74 0.00	19.30 1.65 0.00	20.84 1.81 0.00	21.64 2.02 0.00	23.72 2.18 -1.70	29.53 2.33 -6.52	28.65 2.36 -5.49	42.92 2.31 -20.18	31.44 2.38 -8.28	59.10 2.22 -37.13	79.84 2.42 -55.14	44.62 2.35 -19.96	21.42 2.01 -0.18	23.62 2.19 -1.06	24.95 2.34 0.00	24.96 2.26 0.00	41.37 2.04 -19.38	19.94 1.74 -0.70	18.99 1.73 0.00
BARRETT___2 23546	18.10 1.65 0.00	18.98 1.63 0.00	19.32 1.58 0.00	18.95 1.55 0.00	17.18 1.49 -0.04	20.23 1.74 0.00	19.30 1.65 0.00	20.84 1.81 0.00	21.64 2.02 0.00	23.72 2.18 -1.70	29.53 2.33 -6.52	28.65 2.36 -5.49	42.92 2.31 -20.18	31.44 2.38 -8.28	59.10 2.22 -37.13	79.84 2.42 -55.14	44.62 2.35 -19.96	21.42 2.01 -0.18	23.62 2.19 -1.06	24.95 2.34 0.00	24.96 2.26 0.00	41.37 2.04 -19.38	19.94 1.74 -0.70	18.99 1.73 0.00
BATAVIA___115KV_TB1 55881	14.95 0.04 1.54	15.69 0.06 1.71	13.25 0.02 4.52	13.02 0.10 4.48	11.94 0.12 3.83	14.50 0.26 4.25	15.71 0.29 2.23	15.87 0.44 3.61	18.35 0.53 1.79	19.68 0.44 0.59	20.77 0.41 0.31	18.05 0.62 3.37	19.59 0.51 1.35	21.09 0.28 -0.03	20.15 0.23 -0.18	22.68 0.31 -0.08	22.92 0.56 -0.05	19.83 0.59 -0.02	20.71 0.43 0.09	22.41 0.38 0.58	21.88 0.36 1.19	19.86 0.27 0.35	16.56 0.13 1.07	17.41 0.14 0.00
BAYONEEC___CTG1 323682	17.96 1.50 0.00	18.87 1.53 0.00	19.30 1.54 0.00	18.93 1.53 0.00	17.09 1.41 -0.04	20.13 1.64 0.00	19.22 1.56 0.00	20.80 1.76 0.00	21.56 1.94 0.00	21.88 2.05 0.00	22.83 2.15 0.00	22.92 2.13 0.00	22.54 2.11 0.00	22.95 2.18 0.00	22.47 2.07 -0.66	24.63 2.31 -0.04	24.51 2.20 0.00	21.12 1.89 0.00	22.41 2.04 0.00	24.82 2.21 0.00	24.88 2.17 0.00	21.84 1.89 0.00	19.85 1.65 -0.70	18.85 1.59 0.00
BAYONEEC___CTG10 323750	17.96 1.50 0.00	18.87 1.53 0.00	19.30 1.54 0.00	18.93 1.53 0.00	17.09 1.41 -0.04	20.13 1.64 0.00	19.22 1.56 0.00	20.80 1.76 0.00	21.56 1.94 0.00	21.88 2.05 0.00	22.83 2.15 0.00	22.92 2.13 0.00	22.54 2.11 0.00	22.95 2.18 0.00	22.47 2.07 -0.66	24.63 2.31 -0.04	24.51 2.20 0.00	21.12 1.89 0.00	22.41 2.04 0.00	24.82 2.21 0.00	24.88 2.17 0.00	21.84 1.89 0.00	19.85 1.65 -0.70	18.85 1.59 0.00
BAYONEEC___CTG2 323683	17.96 1.50 0.00	18.87 1.53 0.00	19.30 1.54 0.00	18.93 1.53 0.00	17.09 1.41 -0.04	20.13 1.64 0.00	19.22 1.56 0.00	20.80 1.76 0.00	21.56 1.94 0.00	21.88 2.05 0.00	22.83 2.15 0.00	22.92 2.13 0.00	22.54 2.11 0.00	22.95 2.18 0.00	22.47 2.07 -0.66	24.63 2.31 -0.04	24.51 2.20 0.00	21.12 1.89 0.00	22.41 2.04 0.00	24.82 2.21 0.00	24.88 2.17 0.00	21.84 1.89 0.00	19.85 1.65 -0.70	18.85 1.59 0.00
BAYONEEC___CTG3 323684	17.96 1.50 0.00	18.87 1.53 0.00	19.30 1.54 0.00	18.93 1.53 0.00	17.09 1.41 -0.04	20.13 1.64 0.00	19.22 1.56 0.00	20.80 1.76 0.00	21.56 1.94 0.00	21.88 2.05 0.00	22.83 2.15 0.00	22.92 2.13 0.00	22.54 2.11 0.00	22.95 2.18 0.00	22.47 2.07 -0.66	24.63 2.31 -0.04	24.51 2.20 0.00	21.12 1.89 0.00	22.41 2.04 0.00	24.82 2.21 0.00	24.88 2.17 0.00	21.84 1.89 0.00	19.85 1.65 -0.70	18.85 1.59 0.00
BAYONEEC___CTG4 323685	17.96 1.50 0.00	18.87 1.53 0.00	19.30 1.54 0.00	18.93 1.53 0.00	17.09 1.41 -0.04	20.13 1.64 0.00	19.22 1.56 0.00	20.80 1.76 0.00	21.56 1.94 0.00	21.88 2.05 0.00	22.83 2.15 0.00	22.92 2.13 0.00	22.54 2.11 0.00	22.95 2.18 0.00	22.47 2.07 -0.66	24.63 2.31 -0.04	24.51 2.20 0.00	21.12 1.89 0.00	22.41 2.04 0.00	24.82 2.21 0.00	24.88 2.17 0.00	21.84 1.89 0.00	19.85 1.65 -0.70	18.85 1.59 0.00
BAYONEEC___CTG5 323686	17.96 1.50 0.00	18.87 1.53 0.00	19.30 1.54 0.00	18.93 1.53 0.00	17.09 1.41 -0.04	20.13 1.64 0.00	19.22 1.56 0.00	20.80 1.76 0.00	21.56 1.94 0.00	21.88 2.05 0.00	22.83 2.15 0.00	22.92 2.13 0.00	22.54 2.11 0.00	22.95 2.18 0.00	22.47 2.07 -0.66	24.63 2.31 -0.04	24.51 2.20 0.00	21.12 1.89 0.00	22.41 2.04 0.00	24.82 2.21 0.00	24.88 2.17 0.00	21.84 1.89 0.00	19.85 1.65 -0.70	18.85 1.59 0.00
BAYONEEC___CTG6 323687	17.96 1.50 0.00	18.87 1.53 0.00	19.30 1.54 0.00	18.93 1.53 0.00	17.09 1.41 -0.04	20.13 1.64 0.00	19.22 1.56 0.00	20.80 1.76 0.00	21.56 1.94 0.00	21.88 2.05 0.00	22.83 2.15 0.00	22.92 2.13 0.00	22.54 2.11 0.00	22.95 2.18 0.00	22.47 2.07 -0.66	24.63 2.31 -0.04	24.51 2.20 0.00	21.12 1.89 0.00	22.41 2.04 0.00	24.82 2.21 0.00	24.88 2.17 0.00	21.84 1.89 0.00	19.85 1.65 -0.70	18.85 1.59 0.00
BAYONEEC___CTG7 323688	17.96 1.50 0.00	18.87 1.53 0.00	19.30 1.54 0.00	18.93 1.53 0.00	17.09 1.41 -0.04	20.13 1.64 0.00	19.22 1.56 0.00	20.80 1.76 0.00	21.56 1.94 0.00	21.88 2.05 0.00	22.83 2.15 0.00	22.92 2.13 0.00	22.54 2.11 0.00	22.95 2.18 0.00	22.47 2.07 -0.66	24.63 2.31 -0.04	24.51 2.20 0.00	21.12 1.89 0.00	22.41 2.04 0.00	24.82 2.21 0.00	24.88 2.17 0.00	21.84 1.89 0.00	19.85 1.65 -0.70	18.85 1.59 0.00
BAYONEEC___CTG8 323689	17.96 1.50 0.00	18.87 1.53 0.00	19.30 1.54 0.00	18.93 1.53 0.00	17.09 1.41 -0.04	20.13 1.64 0.00	19.22 1.56 0.00	20.80 1.76 0.00	21.56 1.94 0.00	21.88 2.05 0.00	22.83 2.15 0.00	22.92 2.13 0.00	22.54 2.11 0.00	22.95 2.18 0.00	22.47 2.07 -0.66	24.63 2.31 -0.04	24.51 2.20 0.00	21.12 1.89 0.00	22.41 2.04 0.00	24.82 2.21 0.00	24.88 2.17 0.00	21.84 1.89 0.00	19.85 1.65 -0.70	18.85 1.59 0.00
BAYONEEC___CTG9 323749	17.96 1.50 0.00	18.87 1.53 0.00	19.30 1.54 0.00	18.93 1.53 0.00	17.09 1.41 -0.04	20.13 1.64 0.00	19.22 1.56 0.00	20.80 1.76 0.00	21.56 1.94 0.00	21.88 2.05 0.00	22.83 2.15 0.00	22.92 2.13 0.00	22.54 2.11 0.00	22.95 2.18 0.00	22.47 2.07 -0.66	24.63 2.31 -0.04	24.51 2.20 0.00	21.12 1.89 0.00	22.41 2.04 0.00	24.82 2.21 0.00	24.88 2.17 0.00	21.84 1.89 0.00	19.85 1.65 -0.70	18.85 1.59 0.00

BEACON___LESR 323632	17.13 0.68 0.00	18.02 0.68 0.00	18.39 0.63 0.00	18.05 0.65 0.00	16.37 0.68 -0.04	19.23 0.74 0.00	18.40 0.75 0.00	19.82 0.79 0.00	20.53 0.92 0.00	20.82 0.99 0.00	21.69 1.01 0.00	21.73 0.93 0.00	21.39 0.96 0.00	21.77 0.99 0.00	21.50 0.96 -0.79	23.38 1.05 -0.04	23.27 0.96 0.00	20.14 0.92 0.00	21.39 1.03 0.00	23.60 0.99 0.00	23.66 0.95 0.00	20.82 0.87 0.00	19.11 0.77 -0.85	17.96 0.70 0.00
BEAVER RIVER___HYD 24048	16.10 -0.35 0.00	16.97 -0.38 0.00	17.25 -0.50 0.00	16.68 -0.72 0.00	14.88 -0.77 0.00	17.61 -0.88 0.00	16.76 -0.90 0.00	18.06 -0.98 0.00	20.21 -1.05 -1.64	20.91 -0.91 -1.98	21.91 -0.80 -2.03	21.41 -0.91 -1.52	21.07 -0.86 -1.51	21.90 -0.92 -2.03	20.93 -0.83 -2.02	23.25 -1.15 -2.11	23.02 -1.23 -1.94	18.76 -0.96 -0.49	18.83 -0.96 0.58	21.64 -0.97 0.00	21.80 -0.91 0.00	19.08 -0.87 0.00	16.77 -0.76 -0.03	16.43 -0.83 0.00
BEEBEE_GT_13 23619	15.93 -0.13 0.39	16.71 -0.12 0.50	16.55 -0.16 1.04	16.28 -0.09 1.03	14.70 -0.07 0.88	17.55 0.03 0.97	17.20 0.06 0.51	18.36 0.15 0.83	19.47 0.21 0.36	20.00 0.25 0.07	20.86 0.19 0.01	20.38 0.31 0.73	20.43 0.26 0.27	21.01 0.18 -0.05	20.04 0.13 -0.17	22.59 0.22 -0.08	22.71 0.35 -0.05	19.60 0.36 -0.02	20.56 0.22 0.03	22.63 0.15 0.13	22.56 0.12 0.27	19.96 0.09 0.08	17.34 0.02 0.17	17.29 0.02 0.00
BENSHRST_27_KV_BENSHRST_1 355998	18.24 1.70 -0.09	19.17 1.73 -0.10	19.75 1.75 -0.26	19.39 1.73 -0.26	17.49 1.58 -0.26	20.59 1.85 -0.25	19.56 1.78 -0.13	21.24 2.00 -0.21	21.94 2.20 -0.13	22.20 2.30 -0.06	23.14 2.42 -0.04	23.43 2.42 -0.21	22.91 2.39 -0.10	23.24 2.44 -0.02	22.74 2.32 -0.67	24.93 2.59 -0.06	24.83 2.51 -0.02	21.38 2.15 0.00	22.69 2.32 -0.01	25.16 2.52 -0.03	25.26 2.49 -0.07	22.12 2.15 -0.02	20.14 1.87 -0.77	19.08 1.82 0.00
BETHLEHEM___GRP 23843	17.04 0.43 -0.15	17.91 0.45 -0.12	18.38 0.43 -0.20	18.04 0.44 -0.20	16.31 0.46 -0.21	19.13 0.45 -0.19	18.21 0.45 -0.10	19.65 0.45 -0.16	20.27 0.56 -0.10	20.47 0.58 -0.05	21.37 0.65 -0.04	21.55 0.59 -0.17	21.12 0.62 -0.08	21.45 0.64 -0.03	21.16 0.61 -0.81	23.00 0.65 -0.06	22.91 0.59 -0.01	19.82 0.59 0.00	21.02 0.65 -0.01	23.25 0.61 -0.03	23.31 0.55 -0.05	20.48 0.52 -0.02	18.89 0.49 -0.90	17.73 0.47 0.00
BETHLEHEM___GS1 323560	16.86 0.41 0.00	17.77 0.43 0.00	18.16 0.41 0.00	17.84 0.44 0.00	16.15 0.46 -0.04	18.95 0.47 0.00	18.11 0.45 0.00	19.49 0.45 0.00	20.17 0.55 0.00	20.42 0.58 0.00	21.33 0.65 0.00	21.39 0.59 0.00	21.05 0.62 0.00	21.42 0.64 0.00	21.15 0.61 -0.79	22.98 0.65 -0.04	22.90 0.59 0.00	19.82 0.59 0.00	21.02 0.65 0.00	23.22 0.61 0.00	23.26 0.55 0.00	20.47 0.52 0.00	18.84 0.49 -0.85	17.73 0.47 0.00
BETHLEHEM___GS2 323561	16.86 0.41 0.00	17.77 0.43 0.00	18.16 0.41 0.00	17.84 0.44 0.00	16.15 0.46 -0.04	18.95 0.47 0.00	18.11 0.45 0.00	19.49 0.45 0.00	20.17 0.55 0.00	20.42 0.58 0.00	21.33 0.65 0.00	21.39 0.59 0.00	21.05 0.62 0.00	21.42 0.64 0.00	21.15 0.61 -0.79	22.98 0.65 -0.04	22.90 0.59 0.00	19.82 0.59 0.00	21.02 0.65 0.00	23.22 0.61 0.00	23.26 0.55 0.00	20.47 0.52 0.00	18.84 0.49 -0.85	17.73 0.47 0.00
BETHLEHEM___GS3 323562	16.86 0.41 0.00	17.77 0.43 0.00	18.16 0.41 0.00	17.84 0.44 0.00	16.15 0.46 -0.04	18.95 0.47 0.00	18.11 0.45 0.00	19.49 0.45 0.00	20.17 0.55 0.00	20.42 0.58 0.00	21.33 0.65 0.00	21.39 0.59 0.00	21.05 0.62 0.00	21.42 0.64 0.00	21.15 0.61 -0.79	22.98 0.65 -0.04	22.90 0.59 0.00	19.82 0.59 0.00	21.02 0.65 0.00	23.22 0.61 0.00	23.26 0.55 0.00	20.47 0.52 0.00	18.84 0.49 -0.85	17.73 0.47 0.00
BETHLEHEM___STEEL 23779	12.78 -0.38 3.29	13.25 -0.36 3.73	7.72 -0.39 9.64	7.60 -0.25 9.55	7.27 -0.20 8.17	9.29 -0.14 9.06	12.78 -0.11 4.76	11.32 -0.03 7.69	15.75 0.02 3.89	18.46 -0.02 1.36	19.86 -0.07 0.75	13.68 0.12 7.24	17.56 0.07 2.94	20.73 -0.04 0.00	19.88 -0.06 -0.19	22.37 0.01 -0.08	22.52 0.16 -0.05	19.42 0.18 -0.02	20.16 -0.04 0.17	21.21 -0.15 1.25	19.99 -0.19 2.53	19.00 -0.20 0.75	14.86 -0.26 2.38	17.03 -0.23 0.00
BETHLHEM_115KV_TB1 79974	17.07 0.47 -0.15	17.96 0.50 -0.12	18.43 0.48 -0.20	18.10 0.50 -0.20	16.36 0.50 -0.21	19.19 0.51 -0.19	18.26 0.50 -0.10	19.71 0.51 -0.16	20.33 0.62 -0.10	20.53 0.64 -0.05	21.42 0.71 -0.04	21.62 0.66 -0.17	21.18 0.67 -0.08	21.51 0.70 -0.03	21.22 0.66 -0.81	23.06 0.71 -0.06	22.98 0.66 -0.01	19.87 0.64 0.00	21.07 0.70 -0.01	23.31 0.67 -0.03	23.38 0.62 -0.05	20.53 0.57 -0.02	18.94 0.54 -0.90	17.77 0.51 0.00
BETHPAGE_CC_5 323564	18.15 1.70 0.00	19.01 1.67 0.00	19.35 1.60 0.00	19.00 1.60 0.00	17.21 1.53 -0.04	20.31 1.82 0.00	19.41 1.76 0.00	21.02 1.99 0.00	21.85 2.23 0.00	23.94 2.41 -1.70	29.68 2.48 -6.52	28.75 2.47 -5.49	43.04 2.43 -20.18	31.54 2.48 -8.28	59.22 2.35 -37.13	79.99 2.56 -55.14	44.80 2.53 -19.96	21.58 2.18 -0.18	23.80 2.37 -1.06	25.13 2.52 0.00	25.13 2.43 0.00	41.53 2.20 -19.38	20.05 1.85 -0.70	19.11 1.85 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	13.08 -0.28 3.09	13.58 -0.26 3.49	8.41 -0.28 9.05	8.28 -0.15 8.97	7.86 -0.12 7.67	9.95 -0.04 8.51	13.17 -0.02 4.47	11.90 0.08 7.22	16.10 0.14 3.65	18.66 0.10 1.27	20.03 0.05 0.70	14.25 0.25 6.79	17.87 0.20 2.76	20.85 0.07 0.00	19.99 0.05 -0.19	22.50 0.13 -0.08	22.63 0.27 -0.05	19.52 0.28 -0.02	20.28 0.07 0.16	21.42 -0.02 1.17	20.28 -0.06 2.37	19.16 -0.08 0.71	15.12 -0.16 2.22	17.12 -0.14 0.00
BINGHAMTON___COGEN 23790	17.11 0.32 -0.34	18.06 0.37 -0.35	19.13 0.36 -1.01	18.83 0.43 -1.00	16.90 0.39 -0.87	19.92 0.48 -0.95	18.61 0.45 -0.50	20.37 0.53 -0.81	20.66 0.57 -0.47	20.65 0.60 -0.21	21.43 0.60 -0.15	22.24 0.63 -0.81	21.39 0.61 -0.36	21.43 0.61 -0.05	20.62 0.58 -0.28	23.02 0.65 -0.08	23.02 0.66 -0.04	19.83 0.59 -0.02	21.00 0.62 -0.01	23.42 0.68 -0.13	23.61 0.64 -0.26	20.57 0.55 -0.08	18.51 0.51 -0.50	17.69 0.42 0.00
BIXINCNT_115KV_LOAD 355685	14.08 -0.29 2.08	14.66 -0.32 2.36	11.54 -0.22 5.99	11.49 0.02 5.93	10.55 -0.03 5.07	12.93 0.06 5.62	14.68 -0.02 2.96	14.43 0.17 4.78	17.53 0.31 2.40	19.40 0.38 0.82	20.49 0.25 0.44	16.76 0.44 4.48	19.09 0.46 1.81	21.04 0.25 -0.01	20.22 0.28 -0.20	22.68 0.31 -0.08	22.85 0.49 -0.05	19.76 0.52 -0.02	20.61 0.36 0.11	22.23 0.39 0.77	21.48 0.35 1.57	19.78 0.30 0.47	16.28 0.20 1.42	17.48 0.22 0.00
BLACK RIVER___HYD 24047	16.06 -0.40 0.00	16.89 -0.45 0.00	17.15 -0.60 0.00	16.59 -0.81 0.00	14.78 -0.87 0.00	17.54 -0.95 0.00	16.70 -0.95 0.00	18.03 -1.00 0.00	19.68 -1.08 -1.15	20.27 -0.96 -1.39	21.21 -0.89 -1.41	20.85 -1.01 -1.06	20.52 -0.96 -1.05	21.24 -0.96 -1.42	20.22 -0.96 -1.43	22.50 -1.25 -1.47	22.39 -1.27 -1.35	18.61 -0.95 -0.34	19.02 -0.95 0.40	21.67 -0.94 0.00	21.85 -0.86 0.00	19.10 -0.85 0.00	16.79 -0.75 -0.04	16.41 -0.85 0.00

BLACKRVR_115KV_TB2 79977	16.07 -0.40 -0.01	16.89 -0.45 0.00	17.20 -0.60 -0.05	16.65 -0.81 -0.05	14.82 -0.87 -0.05	17.59 -0.95 -0.05	16.73 -0.95 -0.03	18.08 -1.00 -0.05	19.72 -1.07 -1.17	20.28 -0.96 -1.39	21.21 -0.89 -1.42	20.89 -1.01 -1.10	20.51 -0.96 -1.04	20.92 -0.96 -1.11	20.20 -0.96 -1.42	22.47 -1.25 -1.44	22.01 -1.27 -0.97	18.61 -0.95 -0.34	19.02 -0.95 0.40	21.68 -0.94 -0.01	21.86 -0.86 -0.01	19.10 -0.85 0.00	16.80 -0.75 -0.06	16.41 -0.85 0.00
BLISS_WT_PWR 323608	11.00 -0.40 5.05	11.07 -0.46 5.81	11.43 -0.33 5.99	11.40 -0.07 5.93	10.42 -0.15 5.07	12.77 -0.08 5.63	14.53 -0.17 2.96	14.32 0.06 4.78	17.40 0.24 2.46	19.28 0.33 0.89	20.34 0.17 0.51	16.65 0.38 4.53	18.93 0.43 1.93	20.30 0.18 0.66	20.10 0.22 -0.13	22.54 0.24 -0.01	22.74 0.44 0.00	19.71 0.48 0.00	20.60 0.34 0.10	22.21 0.38 0.77	21.48 0.34 1.57	19.78 0.30 0.47	16.27 0.20 1.42	17.48 0.22 0.00
BLUE_CIRC_CHEM_DRP 24182	17.21 0.60 -0.16	18.10 0.63 -0.13	18.59 0.64 -0.21	18.25 0.64 -0.20	16.48 0.61 -0.21	19.38 0.69 -0.19	18.43 0.67 -0.10	19.90 0.70 -0.16	20.52 0.80 -0.10	20.71 0.82 -0.05	21.58 0.86 -0.04	21.79 0.83 -0.17	21.34 0.83 -0.08	21.66 0.85 -0.03	21.35 0.80 -0.80	23.24 0.89 -0.06	23.17 0.85 -0.01	20.02 0.79 0.00	21.22 0.85 -0.01	23.49 0.85 -0.03	23.57 0.81 -0.05	20.68 0.72 -0.02	19.07 0.69 -0.89	17.93 0.67 0.00
BOC_GAS_DRP 24189	17.21 0.60 -0.16	18.10 0.63 -0.12	18.58 0.62 -0.20	18.23 0.63 -0.20	16.46 0.60 -0.21	19.33 0.65 -0.19	18.39 0.63 -0.10	19.86 0.67 -0.16	20.48 0.77 -0.10	20.68 0.79 -0.05	21.55 0.84 -0.04	21.77 0.81 -0.17	21.32 0.81 -0.08	21.64 0.83 -0.03	21.34 0.79 -0.80	23.22 0.88 -0.06	23.15 0.82 -0.01	19.97 0.74 0.00	21.19 0.82 -0.01	23.47 0.83 -0.03	23.55 0.79 -0.05	20.67 0.70 -0.02	19.04 0.65 -0.89	17.89 0.63 0.00
BOONVILLE_115KV_TB1 79983	16.52 0.03 -0.04	17.40 0.04 -0.02	17.79 -0.03 -0.08	17.33 -0.14 -0.08	15.54 -0.17 -0.07	18.35 -0.21 -0.07	17.49 -0.21 -0.04	18.85 -0.25 -0.06	20.06 -0.22 -0.66	20.44 -0.16 -0.77	21.36 -0.10 -0.78	21.29 -0.14 -0.64	20.87 -0.14 -0.58	21.21 -0.17 -0.60	20.39 -0.13 -0.77	22.82 -0.25 -0.79	22.54 -0.29 -0.52	19.22 -0.19 -0.18	20.05 -0.17 0.14	22.46 -0.16 -0.01	22.59 -0.14 -0.02	19.78 -0.17 -0.01	17.39 -0.16 -0.05	17.06 -0.20 0.00
BORALEX_4TH_BRANCH 23824	17.45 1.00 0.00	18.33 0.99 0.00	18.79 1.04 0.00	18.43 1.03 0.00	16.67 0.98 -0.04	19.59 1.10 0.00	18.67 1.02 0.00	20.07 1.03 0.00	20.77 1.15 0.00	21.00 1.17 0.00	21.83 1.15 0.00	21.95 1.16 0.00	21.56 1.13 0.00	21.90 1.12 0.00	21.66 1.12 -0.79	23.55 1.23 -0.04	23.46 1.16 0.00	20.18 0.95 0.00	21.47 1.10 0.00	23.75 1.14 0.00	23.84 1.13 0.00	20.92 0.98 0.00	19.32 0.97 -0.85	18.22 0.96 0.00
BOWLINE___1 23526	17.76 1.31 0.00	18.66 1.32 0.00	19.08 1.33 0.00	18.73 1.34 0.00	16.92 1.23 -0.04	19.93 1.44 0.00	19.03 1.37 0.00	20.58 1.54 0.00	21.32 1.70 0.00	21.62 1.78 0.00	22.55 1.87 0.00	22.64 1.85 0.00	22.25 1.83 0.00	22.66 1.88 0.00	22.17 1.77 -0.65	24.29 1.97 -0.03	24.22 1.91 0.00	20.87 1.64 0.00	22.17 1.80 0.00	24.58 1.97 0.00	24.65 1.95 0.00	21.60 1.66 0.00	19.63 1.45 -0.69	18.66 1.40 0.00
BOWLINE___2 23595	17.76 1.31 0.00	18.66 1.32 0.00	19.08 1.33 0.00	18.73 1.34 0.00	16.92 1.23 -0.04	19.93 1.44 0.00	19.03 1.37 0.00	20.58 1.54 0.00	21.32 1.70 0.00	21.62 1.78 0.00	22.55 1.87 0.00	22.65 1.85 0.00	22.26 1.83 0.00	22.66 1.88 0.00	22.17 1.77 -0.65	24.29 1.98 -0.03	24.22 1.91 0.00	20.87 1.64 0.00	22.17 1.80 0.00	24.58 1.97 0.00	24.65 1.95 0.00	21.60 1.66 0.00	19.63 1.45 -0.69	18.66 1.40 0.00
BRADY___115KV_TB2 356060	16.43 -0.02 0.00	17.33 -0.02 0.00	17.74 -0.01 0.00	17.31 -0.09 0.00	15.54 -0.11 0.00	18.31 -0.18 0.00	17.49 -0.17 0.00	18.83 -0.20 0.00	22.06 -0.36 -2.81	22.85 -0.39 -3.41	23.84 -0.32 -3.48	23.08 -0.33 -2.61	22.60 -0.33 -2.51	23.16 -0.30 -2.69	22.83 -0.31 -3.39	25.45 -0.37 -3.53	24.32 -0.33 -2.34	19.73 -0.33 -0.83	17.55 -0.35 2.46	22.34 -0.27 0.00	22.50 -0.21 0.00	19.78 -0.17 0.00	17.27 -0.23 -0.01	17.03 -0.23 0.00
BRANSCOMB___SOLAR 323811	17.38 0.93 0.00	18.25 0.91 0.00	18.70 0.95 0.00	18.36 0.95 0.00	16.59 0.90 -0.05	19.59 1.10 0.00	18.69 1.04 0.00	20.11 1.08 0.00	20.79 1.18 0.00	21.07 1.23 0.00	21.94 1.26 0.00	22.05 1.25 0.00	21.64 1.21 0.00	22.01 1.24 0.00	21.79 1.22 -0.82	23.69 1.36 -0.04	23.61 1.30 0.00	20.35 1.13 0.00	21.66 1.29 0.00	23.98 1.37 0.00	24.05 1.34 0.00	21.10 1.15 0.00	19.45 1.07 -0.88	18.30 1.04 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	18.33 1.79 -0.09	19.20 1.76 -0.10	19.67 1.66 -0.26	19.33 1.67 -0.26	17.50 1.60 -0.26	20.66 1.92 -0.25	19.66 1.87 -0.13	21.37 2.12 -0.21	22.15 2.40 -0.12	24.18 2.58 -1.76	29.91 2.66 -6.57	29.14 2.64 -5.71	43.31 2.61 -20.27	31.71 2.63 -8.30	59.40 2.50 -37.15	80.15 2.71 -55.16	44.97 2.69 -19.97	21.66 2.25 -0.19	23.91 2.48 -1.07	25.26 2.62 -0.03	25.30 2.52 -0.07	41.74 2.38 -19.41	20.26 2.00 -0.77	19.23 1.97 0.00
BRISTLHL_115KV_TB1 79998	16.21 -0.24 0.00	17.07 -0.26 0.01	17.53 -0.27 -0.05	17.20 -0.25 -0.05	15.47 -0.22 -0.05	18.30 -0.24 -0.05	17.47 -0.21 -0.03	18.85 -0.23 -0.04	19.57 -0.21 -0.17	19.81 -0.21 -0.19	20.64 -0.23 -0.19	20.77 -0.21 -0.17	20.36 -0.22 -0.14	20.64 -0.24 -0.11	19.75 -0.22 -0.23	22.23 -0.24 -0.18	22.18 -0.21 -0.09	19.11 -0.16 -0.04	20.15 -0.18 0.04	22.40 -0.22 -0.01	22.49 -0.24 -0.01	19.72 -0.23 0.00	17.39 -0.18 -0.08	17.06 -0.20 0.00
BROOKHAVEN___DRP 24191	18.09 1.55 -0.09	18.94 1.50 -0.10	19.41 1.40 -0.26	19.08 1.43 -0.26	17.33 1.43 -0.26	20.44 1.70 -0.25	19.46 1.67 -0.13	21.13 1.89 -0.21	21.85 2.10 -0.12	23.89 2.29 -1.76	29.57 2.33 -6.57	28.79 2.28 -5.71	42.95 2.25 -20.27	31.36 2.29 -8.30	59.06 2.16 -37.15	79.73 2.29 -55.16	44.59 2.32 -19.97	21.44 2.03 -0.19	23.69 2.25 -1.07	25.01 2.37 -0.03	25.02 2.25 -0.07	41.42 2.07 -19.41	20.00 1.74 -0.77	18.97 1.71 0.00
BROOKLYN_NAVY_YARD 23515	17.97 1.51 0.00	18.87 1.53 0.00	19.29 1.53 0.00	18.92 1.52 0.00	17.08 1.40 -0.04	20.13 1.64 0.00	19.21 1.55 0.00	20.80 1.77 0.00	21.57 1.95 0.00	21.88 2.04 0.00	22.81 2.13 0.00	22.92 2.12 0.00	22.53 2.10 0.00	22.93 2.16 0.00	22.46 2.05 -0.66	24.61 2.29 -0.04	24.50 2.19 0.00	21.10 1.87 0.00	22.38 2.02 0.00	24.79 2.18 0.00	24.83 2.13 0.00	21.79 1.84 0.00	19.83 1.63 -0.70	18.81 1.54 0.00
BROOKLYN___ARMY_DRP 323595	18.16 1.62 -0.09	19.09 1.66 -0.10	19.67 1.66 -0.26	19.31 1.65 -0.26	17.42 1.52 -0.26	20.51 1.77 -0.25	19.48 1.69 -0.13	21.15 1.91 -0.21	21.84 2.09 -0.13	22.09 2.19 -0.06	23.02 2.30 -0.04	23.30 2.29 -0.21	22.79 2.27 -0.10	23.12 2.32 -0.02	22.63 2.20 -0.67	24.80 2.45 -0.06	24.70 2.37 -0.02	21.26 2.04 0.00	22.57 2.19 -0.01	25.02 2.38 -0.03	25.12 2.35 -0.07	22.00 2.03 -0.02	20.04 1.78 -0.77	18.99 1.73 0.00

BROOKVLE_69_KV_TB1 55790	18.23 1.69 -0.09	19.12 1.68 -0.10	19.65 1.64 -0.26	19.30 1.64 -0.26	17.44 1.53 -0.26	20.56 1.82 -0.25	19.53 1.75 -0.13	21.22 1.98 -0.21	21.96 2.21 -0.12	23.96 2.36 -1.76	29.73 2.48 -6.57	28.98 2.48 -5.71	43.15 2.45 -20.27	31.58 2.50 -8.30	59.25 2.36 -37.15	80.05 2.61 -55.16	44.83 2.55 -19.97	21.59 2.18 -0.19	23.81 2.37 -1.07	25.19 2.54 -0.03	25.25 2.48 -0.07	41.54 2.19 -19.41	20.13 1.86 -0.77	19.08 1.82 0.00
BROOME_2_LFGE 323671	16.78 0.32 0.00	17.71 0.37 0.00	18.11 0.36 0.00	17.82 0.42 0.00	16.04 0.39 -0.01	18.97 0.48 0.00	18.11 0.45 0.00	19.56 0.53 0.00	20.20 0.58 0.00	20.44 0.60 0.00	21.28 0.60 0.00	21.42 0.63 0.00	21.03 0.60 0.00	21.38 0.60 0.00	20.55 0.58 -0.22	22.95 0.65 -0.01	22.97 0.66 0.00	19.81 0.59 0.00	20.99 0.62 0.00	23.29 0.68 0.00	23.34 0.64 0.00	20.50 0.55 0.00	18.25 0.51 -0.24	17.69 0.43 0.00
BROOME__LFGE 323600	16.78 0.32 0.00	17.71 0.37 0.00	18.11 0.36 0.00	17.82 0.42 0.00	16.04 0.39 -0.01	18.97 0.48 0.00	18.11 0.45 0.00	19.56 0.53 0.00	20.20 0.58 0.00	20.44 0.60 0.00	21.28 0.60 0.00	21.42 0.63 0.00	21.03 0.60 0.00	21.38 0.60 0.00	20.55 0.58 -0.22	22.95 0.65 -0.01	22.97 0.66 0.00	19.81 0.59 0.00	20.99 0.62 0.00	23.29 0.68 0.00	23.34 0.64 0.00	20.50 0.55 0.00	18.25 0.51 -0.24	17.69 0.43 0.00
BROWNFLS_115KV_TB_3_5 80003	15.88 -0.58 -0.01	16.74 -0.61 0.00	17.10 -0.68 -0.03	16.63 -0.81 -0.03	14.86 -0.81 -0.03	17.55 -0.98 -0.03	16.70 -0.96 -0.01	18.02 -1.04 -0.03	22.68 -1.20 -4.26	23.83 -1.15 -5.14	24.87 -1.07 -5.25	23.63 -1.13 -3.96	23.13 -1.10 -3.80	23.85 -1.10 -4.17	23.83 -1.04 -5.12	26.34 -1.28 -5.34	24.69 -1.30 -3.68	19.38 -1.10 -1.26	17.58 -1.13 1.65	21.47 -1.14 0.00	21.64 -1.08 -0.01	18.98 -0.97 0.00	16.62 -0.91 -0.03	16.32 -0.95 0.00
BROWNSV1_27_KV_LOAD 356125	18.20 1.66 -0.09	19.13 1.69 -0.10	19.71 1.70 -0.26	19.34 1.68 -0.26	17.44 1.54 -0.26	20.54 1.80 -0.25	19.50 1.72 -0.13	21.19 1.94 -0.21	21.89 2.15 -0.12	22.16 2.26 -0.06	23.10 2.38 -0.04	23.38 2.37 -0.21	22.87 2.35 -0.10	23.20 2.41 -0.02	22.72 2.29 -0.67	24.90 2.56 -0.06	24.78 2.46 -0.02	21.34 2.11 0.00	22.64 2.27 -0.01	25.11 2.46 -0.03	25.20 2.43 -0.07	22.07 2.10 -0.02	20.10 1.84 -0.77	19.03 1.76 0.00
BURROWS__LYONSDAL 23803	16.41 -0.08 -0.04	17.28 -0.08 -0.02	17.65 -0.17 -0.07	17.15 -0.32 -0.07	15.36 -0.35 -0.06	18.14 -0.42 -0.07	17.27 -0.42 -0.04	18.62 -0.48 -0.06	20.00 -0.47 -0.85	20.47 -0.38 -1.01	21.41 -0.30 -1.02	21.26 -0.35 -0.82	20.84 -0.34 -0.76	21.19 -0.38 -0.79	20.44 -0.32 -1.02	22.80 -0.52 -1.04	22.42 -0.58 -0.69	19.05 -0.42 -0.24	19.73 -0.41 0.23	22.20 -0.42 -0.01	22.34 -0.39 -0.02	19.55 -0.40 -0.01	17.19 -0.35 -0.05	16.86 -0.40 0.00
CAITHNESS_CC_1 323624	18.01 1.55 0.00	18.85 1.50 0.00	19.16 1.41 0.00	18.84 1.44 0.00	17.12 1.43 -0.04	20.20 1.71 0.00	19.33 1.68 0.00	20.93 1.89 0.00	21.71 2.09 0.00	23.84 2.29 -1.70	29.54 2.33 -6.52	28.59 2.30 -5.49	42.87 2.26 -20.18	31.36 2.30 -8.28	59.06 2.18 -37.13	79.74 2.31 -55.14	44.60 2.34 -19.96	21.45 2.05 -0.18	23.69 2.27 -1.06	24.98 2.37 0.00	24.96 2.25 0.00	41.41 2.08 -19.38	19.95 1.75 -0.70	18.99 1.73 0.00
CALPINE BETH_PAGE_GT4 24209	18.24 1.70 -0.09	19.11 1.67 -0.10	19.61 1.60 -0.26	19.25 1.59 -0.26	17.42 1.52 -0.26	20.54 1.80 -0.25	19.52 1.74 -0.13	21.22 1.97 -0.21	21.98 2.24 -0.12	23.99 2.39 -1.76	29.67 2.42 -6.57	28.92 2.42 -5.71	43.09 2.38 -20.27	31.50 2.43 -8.30	59.19 2.29 -37.15	79.95 2.51 -55.16	44.75 2.47 -19.97	21.53 2.12 -0.19	23.75 2.32 -1.07	25.10 2.46 -0.03	25.14 2.37 -0.07	41.49 2.14 -19.41	20.07 1.81 -0.77	19.10 1.83 0.00
CALPINE_BETH_PAGE_GT_4 323586	18.15 1.70 0.00	19.00 1.66 0.00	19.34 1.59 0.00	18.99 1.59 0.00	17.21 1.53 -0.04	20.30 1.80 0.00	19.40 1.74 0.00	21.01 1.97 0.00	21.83 2.21 0.00	23.92 2.38 -1.70	29.62 2.42 -6.52	28.70 2.41 -5.49	42.99 2.38 -20.18	31.48 2.43 -8.28	59.17 2.29 -37.13	79.93 2.51 -55.14	44.74 2.47 -19.96	21.53 2.13 -0.18	23.74 2.31 -1.06	25.07 2.46 0.00	25.08 2.37 0.00	41.47 2.14 -19.38	20.00 1.81 -0.70	19.09 1.83 0.00
CALPINE_BP_GT1 23823	18.15 1.70 0.00	19.00 1.66 0.00	19.34 1.59 0.00	18.99 1.59 0.00	17.21 1.53 -0.04	20.30 1.80 0.00	19.40 1.74 0.00	21.01 1.97 0.00	21.83 2.21 0.00	23.92 2.38 -1.70	29.62 2.42 -6.52	28.70 2.41 -5.49	42.99 2.38 -20.18	31.48 2.43 -8.28	59.17 2.29 -37.13	79.93 2.51 -55.14	44.74 2.47 -19.96	21.53 2.13 -0.18	23.74 2.31 -1.06	25.07 2.46 0.00	25.08 2.37 0.00	41.47 2.14 -19.38	20.00 1.81 -0.70	19.09 1.83 0.00
CALSPAN__DRP 24200	12.78 -0.38 3.29	13.25 -0.36 3.73	7.72 -0.39 9.64	7.60 -0.25 9.55	7.27 -0.20 8.17	9.29 -0.14 9.06	12.78 -0.11 4.76	11.32 -0.03 7.69	15.75 0.02 3.89	18.46 -0.02 1.36	19.86 -0.07 0.75	13.68 0.12 7.24	17.56 0.07 2.94	20.73 -0.04 0.00	19.88 -0.06 -0.19	22.37 0.01 -0.08	22.52 0.16 -0.05	19.42 0.18 -0.02	20.16 -0.04 0.17	21.21 -0.15 1.25	19.99 -0.19 2.53	19.00 -0.20 0.75	14.86 -0.26 2.38	17.03 -0.23 0.00
CALVERTON__SOLAR 323806	18.00 1.55 0.00	18.83 1.49 0.00	19.15 1.40 0.00	18.83 1.43 0.00	17.13 1.45 -0.04	20.21 1.72 0.00	19.35 1.70 0.00	20.95 1.92 0.00	21.71 2.09 0.00	23.84 2.30 -1.70	29.55 2.35 -6.52	28.60 2.30 -5.49	42.87 2.26 -20.18	31.37 2.31 -8.28	59.06 2.18 -37.13	79.71 2.29 -55.14	44.60 2.33 -19.96	21.47 2.07 -0.18	23.71 2.29 -1.06	25.01 2.40 0.00	24.99 2.28 0.00	41.42 2.09 -19.38	19.95 1.75 -0.70	18.98 1.72 0.00
CANDIGU_WT_PWR 323617	-28.11 -0.46 44.11	-33.91 -0.47 50.79	-35.02 -0.45 52.32	-34.69 -0.26 51.82	-28.96 -0.26 44.35	-30.92 -0.19 49.22	-8.38 -0.21 25.83	-22.80 -0.11 41.73	-1.91 -0.08 21.45	11.93 -0.15 7.76	15.97 -0.22 4.49	-18.90 -0.11 39.59	3.48 -0.12 16.83	14.93 -0.09 5.76	19.99 0.09 -0.15	22.48 0.19 -0.01	22.53 0.22 0.00	19.41 0.18 0.00	19.65 0.18 0.91	16.06 0.22 6.77	9.15 0.13 13.70	16.04 0.19 4.09	4.18 0.12 13.44	17.22 -0.04 0.00
CARR STREET_E_SYR 24060	16.38 -0.08 0.00	17.27 -0.07 0.00	17.66 -0.09 0.00	17.33 -0.07 0.00	15.59 -0.06 0.00	18.45 -0.05 0.00	17.63 -0.03 0.00	19.01 -0.02 0.00	19.63 0.01 0.00	19.85 0.02 0.00	20.68 0.00 0.00	20.81 0.02 0.00	20.45 0.02 0.00	20.78 0.00 0.00	19.81 0.00 -0.07	22.31 0.02 0.00	22.35 0.04 0.00	19.28 0.06 0.00	20.41 0.04 0.00	22.63 0.02 0.00	22.71 0.00 0.00	19.93 -0.01 0.00	17.57 0.00 -0.07	17.23 -0.03 0.00
CARTHAGE__PAPER 23857	16.16 -0.29 0.00	17.02 -0.33 0.00	17.29 -0.46 0.00	16.73 -0.67 0.00	14.91 -0.74 0.00	17.66 -0.83 0.00	16.81 -0.84 0.00	18.13 -0.90 0.00	19.98 -0.98 -1.34	20.60 -0.86 -1.62	21.58 -0.76 -1.65	21.11 -0.93 -1.24	20.79 -0.86 -1.23	21.55 -0.88 -1.66	20.57 -0.83 -1.65	22.88 -1.12 -1.72	22.71 -1.19 -1.58	18.73 -0.89 -0.40	19.02 -0.87 0.47	21.77 -0.84 0.00	21.94 -0.77 0.00	19.18 -0.76 0.00	16.86 -0.67 -0.04	16.50 -0.76 0.00

CASSADAGA_WT_PWR 323784	10.00 -0.57 5.89	10.00 -0.56 6.78	10.18 -0.59 6.98	10.31 -0.17 6.91	9.67 -0.06 5.91	11.92 0.00 6.57	14.25 0.04 3.45	13.65 0.18 5.57	16.95 0.20 2.86	18.93 0.13 1.04	20.13 0.05 0.60	15.74 0.23 5.28	18.53 0.34 2.25	20.36 0.35 0.77	20.32 0.45 -0.12	22.97 0.68 -0.01	23.23 0.93 0.00	20.02 0.79 0.00	20.90 0.66 0.12	22.27 0.57 0.90	21.26 0.38 1.83	19.54 0.14 0.55	15.72 -0.09 1.68	17.11 -0.15 0.00
CE_DUNWOOD___DRP 24194	17.96 1.42 -0.09	18.87 1.43 -0.10	19.44 1.44 -0.26	19.09 1.43 -0.26	17.22 1.32 -0.26	20.28 1.54 -0.25	19.25 1.47 -0.13	20.90 1.66 -0.21	21.57 1.83 -0.12	21.82 1.92 -0.06	22.74 2.02 -0.04	23.02 2.00 -0.21	22.51 1.99 -0.10	22.83 2.04 -0.02	22.36 1.93 -0.67	24.49 2.14 -0.06	24.39 2.06 -0.02	21.00 1.77 0.00	22.31 1.94 -0.01	24.74 2.10 -0.03	24.84 2.07 -0.07	21.75 1.78 -0.02	19.82 1.55 -0.77	18.76 1.50 0.00
CE_MILLWOOD___DRP 24193	17.92 1.38 -0.09	18.83 1.39 -0.10	19.41 1.40 -0.26	19.05 1.39 -0.26	17.18 1.28 -0.26	20.24 1.50 -0.25	19.21 1.43 -0.13	20.85 1.61 -0.21	21.52 1.78 -0.12	21.76 1.87 -0.06	22.68 1.96 -0.04	22.96 1.95 -0.21	22.46 1.93 -0.10	22.77 1.98 -0.02	22.30 1.87 -0.67	24.43 2.08 -0.06	24.33 2.00 -0.02	20.95 1.72 0.00	22.25 1.88 -0.01	24.68 2.04 -0.03	24.78 2.01 -0.07	21.70 1.73 -0.02	19.77 1.51 -0.77	18.72 1.46 0.00
CE_NYC2_DRP 24202	18.12 1.58 -0.09	19.04 1.61 -0.10	19.63 1.62 -0.26	19.26 1.60 -0.26	17.37 1.47 -0.26	20.46 1.72 -0.25	19.43 1.64 -0.13	21.09 1.85 -0.21	21.79 2.05 -0.13	22.04 2.15 -0.06	22.97 2.24 -0.04	23.24 2.23 -0.21	22.74 2.22 -0.10	23.06 2.27 -0.02	22.58 2.15 -0.67	24.74 2.40 -0.06	24.63 2.30 -0.02	21.21 1.98 0.00	22.51 2.14 -0.01	24.96 2.32 -0.03	25.06 2.28 -0.07	21.95 1.98 -0.02	19.99 1.72 -0.77	18.92 1.66 0.00
CE_NYC_DRP 24195	18.08 1.54 -0.09	19.00 1.56 -0.10	19.58 1.57 -0.26	19.22 1.56 -0.26	17.33 1.43 -0.26	20.41 1.67 -0.25	19.37 1.58 -0.13	21.03 1.78 -0.21	21.73 1.99 -0.12	21.97 2.08 -0.06	22.91 2.19 -0.04	23.18 2.17 -0.21	22.69 2.16 -0.10	23.01 2.21 -0.02	22.53 2.11 -0.67	24.70 2.36 -0.06	24.57 2.24 -0.02	21.15 1.92 0.00	22.45 2.08 -0.01	24.89 2.25 -0.03	24.99 2.21 -0.07	21.89 1.92 -0.02	19.94 1.68 -0.77	18.88 1.62 0.00
CHAFFEE___LFGE 323603	9.48 -0.30 6.68	9.37 -0.28 7.69	9.53 -0.30 7.92	9.39 -0.17 7.85	8.78 -0.16 6.71	10.94 -0.10 7.45	13.66 -0.08 3.91	12.76 0.04 6.32	16.50 0.13 3.25	18.75 0.09 1.17	20.02 0.02 0.68	15.03 0.22 5.99	18.06 0.17 2.55	19.94 0.03 0.87	19.88 0.01 -0.12	22.38 0.09 -0.01	22.53 0.22 0.00	19.45 0.22 0.00	20.27 0.04 0.14	21.54 -0.04 1.03	20.55 -0.08 2.07	19.23 -0.10 0.62	15.41 -0.16 1.93	17.11 -0.15 0.00
CHATEAUG_35_KV_LOAD 355732	16.43 -0.02 0.00	17.33 -0.01 0.00	17.67 -0.08 0.00	17.20 -0.20 0.00	15.21 -0.44 0.00	17.74 -0.75 0.00	16.89 -0.76 0.00	18.20 -0.83 0.00	-16.85 -1.08 35.38	-23.89 -1.07 42.65	-23.94 -1.09 43.54	-12.98 -1.10 32.68	-13.78 -1.09 33.12	-30.71 -1.05 50.43	-24.06 -1.02 42.79	-24.87 -1.15 46.00	-28.81 -1.13 49.98	7.66 -0.98 10.58	16.92 -0.85 2.59	21.84 -0.77 0.00	22.15 -0.56 0.00	19.53 -0.42 0.00	16.87 -0.63 0.00	16.32 -0.94 0.00
CHATEAUG_WT_PWR 323614	16.42 -0.03 0.00	17.32 -0.02 0.00	17.67 -0.08 0.00	17.19 -0.21 0.00	15.19 -0.46 0.00	17.70 -0.79 0.00	16.85 -0.81 0.00	18.15 -0.88 0.00	-14.54 -1.18 32.98	-21.09 -1.17 39.76	-21.07 -1.17 40.58	-10.82 -1.16 30.45	-10.89 -1.12 30.20	-21.10 -1.14 40.74	-21.10 -1.10 39.75	-21.20 -1.29 42.19	-17.77 -1.23 38.85	8.38 -1.04 9.80	16.82 -0.91 2.63	21.76 -0.85 0.00	22.08 -0.62 0.00	19.48 -0.47 0.00	16.82 -0.68 0.00	16.26 -1.00 0.00
CHAT_HIGH_FALL_HYD 323578	16.43 -0.02 0.00	17.33 -0.02 0.00	17.67 -0.08 0.00	17.20 -0.20 0.00	15.21 -0.44 0.00	17.74 -0.75 0.00	16.89 -0.76 0.00	18.20 -0.83 0.00	-16.86 -1.10 35.38	-23.89 -1.07 42.65	-23.94 -1.09 43.54	-12.98 -1.11 32.68	-13.06 -1.09 32.40	-23.99 -1.06 43.71	-23.92 -1.02 42.65	-24.14 -1.16 45.27	-20.51 -1.13 41.69	7.72 -0.98 10.52	16.92 -0.85 2.59	21.84 -0.77 0.00	22.15 -0.56 0.00	19.53 -0.42 0.00	16.87 -0.63 0.00	16.32 -0.94 0.00
CHAUTAUQUA___LFGE 323629	8.76 -0.41 7.27	8.58 -0.39 8.37	8.72 -0.40 8.63	8.74 -0.12 8.55	8.27 -0.07 7.31	10.37 0.00 8.12	13.42 0.02 4.26	12.31 0.16 6.88	16.29 0.21 3.54	18.74 0.18 1.28	20.05 0.11 0.74	14.54 0.27 6.53	17.94 0.29 2.78	20.07 0.24 0.95	20.16 0.30 -0.12	22.77 0.48 -0.01	23.01 0.70 0.00	19.84 0.62 0.00	20.69 0.47 0.15	21.87 0.38 1.12	20.69 0.25 2.26	19.35 0.08 0.67	15.29 -0.10 2.11	17.13 -0.13 0.00
CHERRYST_13_KV_LD 356241	18.12 1.58 -0.09	19.04 1.60 -0.10	19.63 1.62 -0.26	19.26 1.60 -0.26	17.37 1.47 -0.26	20.45 1.71 -0.25	19.41 1.63 -0.13	21.08 1.84 -0.21	21.77 2.03 -0.12	22.03 2.13 -0.06	22.97 2.24 -0.04	23.24 2.23 -0.21	22.74 2.22 -0.10	23.07 2.27 -0.02	22.59 2.17 -0.67	24.77 2.42 -0.06	24.63 2.31 -0.02	21.20 1.98 0.00	22.51 2.14 -0.01	24.96 2.31 -0.03	25.05 2.28 -0.07	21.95 1.98 -0.02	19.99 1.73 -0.77	18.93 1.66 0.00
CHESTROR_138KV_BK263 355645	17.73 1.19 -0.09	18.65 1.20 -0.10	19.23 1.21 -0.27	18.88 1.22 -0.27	17.03 1.12 -0.27	20.06 1.31 -0.26	19.04 1.25 -0.13	20.66 1.41 -0.22	21.30 1.55 -0.13	21.53 1.63 -0.06	22.42 1.69 -0.05	22.70 1.68 -0.22	22.19 1.67 -0.10	22.50 1.71 -0.02	22.02 1.61 -0.65	24.14 1.79 -0.06	24.06 1.73 -0.02	20.72 1.49 0.00	22.02 1.64 -0.01	24.44 1.79 -0.04	24.55 1.77 -0.07	21.48 1.51 -0.02	19.57 1.32 -0.75	18.54 1.28 0.00
CH_MIDHUDSON___DRP 24192	17.86 1.33 -0.09	18.77 1.34 -0.09	19.35 1.34 -0.26	18.99 1.33 -0.25	17.13 1.23 -0.25	20.18 1.44 -0.24	19.16 1.38 -0.13	20.78 1.54 -0.20	21.45 1.71 -0.12	21.69 1.79 -0.06	22.60 1.88 -0.04	22.88 1.87 -0.21	22.37 1.85 -0.10	22.69 1.89 -0.02	22.23 1.80 -0.68	24.34 2.00 -0.06	24.26 1.94 -0.02	20.90 1.67 0.00	22.20 1.83 -0.01	24.62 1.98 -0.03	24.72 1.94 -0.07	21.62 1.66 -0.02	19.73 1.46 -0.78	18.67 1.40 0.00
CH_MISC_IPPS 23765	17.85 1.40 0.00	18.76 1.41 0.00	19.17 1.42 0.00	18.82 1.42 0.00	16.98 1.30 -0.04	20.03 1.54 0.00	19.13 1.48 0.00	20.69 1.65 0.00	21.44 1.82 0.00	21.75 1.92 0.00	22.69 2.01 0.00	22.79 2.00 0.00	22.40 1.97 0.00	22.80 2.02 0.00	22.33 1.92 -0.66	24.46 2.14 -0.04	24.39 2.08 0.00	21.02 1.80 0.00	22.32 1.96 0.00	24.73 2.13 0.00	24.80 2.09 0.00	21.74 1.79 0.00	19.76 1.56 -0.71	18.76 1.50 0.00
CH_RES_BVR_FALLS 23983	16.11 -0.34 0.00	16.93 -0.41 0.00	17.29 -0.46 0.00	16.83 -0.57 0.00	15.10 -0.55 0.00	17.79 -0.70 0.00	16.88 -0.78 0.00	18.14 -0.90 0.00	18.60 -0.98 0.00	18.81 -1.02 0.00	19.68 -1.00 0.00	19.80 -1.00 0.00	19.41 -1.02 0.00	19.74 -1.04 0.00	18.77 -0.97 0.00	21.23 -1.05 0.00	21.31 -1.00 0.00	18.31 -0.91 0.00	14.56 -0.95 4.85	21.60 -1.01 0.00	21.74 -0.96 0.00	19.07 -0.88 0.00	16.67 -0.83 0.00	16.55 -0.72 0.00

CH_RES_NIAGARA 23895	9.39 -0.80 6.27	9.33 -0.80 7.21	9.45 -0.87 7.43	9.27 -0.77 7.36	8.66 -0.69 6.29	10.79 -0.71 6.99	13.32 -0.66 3.67	12.50 -0.60 5.93	15.96 -0.61 3.05	18.03 -0.70 1.10	19.24 -0.80 0.64	14.58 -0.59 5.62	17.42 -0.62 2.39	19.09 -0.86 0.82	18.96 -0.90 -0.11	21.38 -0.91 -0.01	21.55 -0.76 0.00	18.58 -0.64 0.00	19.29 -0.94 0.13	20.45 -1.20 0.96	19.52 -1.25 1.94	18.23 -1.14 0.58	14.62 -1.06 1.82	16.32 -0.95 0.00
CH_RES_SYRACUSE 23985	16.43 -0.02 0.00	17.33 -0.02 0.00	17.70 -0.05 0.00	17.39 -0.02 0.00	15.64 -0.01 0.00	18.51 0.03 0.00	17.68 0.03 0.00	19.07 0.04 0.00	19.70 0.08 0.00	19.92 0.08 0.00	20.74 0.06 0.00	20.89 0.09 0.00	20.51 0.08 0.00	20.86 0.08 0.00	19.88 0.06 -0.07	22.38 0.09 0.00	22.43 0.12 0.00	19.35 0.13 0.00	20.48 0.11 0.00	22.73 0.12 0.00	22.81 0.10 0.00	20.02 0.07 0.00	17.65 0.07 -0.08	17.30 0.04 0.00
CLINTON_WT_PWR 323605	16.42 -0.03 0.00	17.32 -0.02 0.00	17.67 -0.08 0.00	17.19 -0.21 0.00	15.19 -0.46 0.00	17.70 -0.79 0.00	16.85 -0.81 0.00	18.15 -0.88 0.00	-14.54 -1.18 32.98	-21.09 -1.17 39.76	-21.07 -1.17 40.58	-10.82 -1.16 30.45	-10.89 -1.12 30.20	-21.10 -1.14 40.74	-21.10 -1.10 39.75	-21.20 -1.29 42.19	-17.77 -1.23 38.85	8.38 -1.04 9.80	16.82 -0.91 2.63	21.76 -0.85 0.00	22.08 -0.62 0.00	19.48 -0.47 0.00	16.82 -0.68 0.00	16.26 -1.00 0.00
CLINTON___LFGE 323618	16.58 0.13 0.00	17.48 0.13 0.00	17.83 0.08 0.00	17.37 -0.04 0.00	15.35 -0.30 0.00	17.89 -0.60 0.00	17.05 -0.61 0.00	18.34 -0.69 0.00	-14.97 -0.98 33.61	-21.61 -0.94 40.51	-21.62 -0.95 41.35	-11.20 -0.96 31.04	-11.26 -0.92 30.78	-21.64 -0.90 41.52	-21.58 -0.82 40.51	-21.69 -0.98 43.00	-18.27 -0.98 39.59	8.43 -0.80 9.99	17.10 -0.64 2.62	22.00 -0.61 0.00	22.31 -0.40 0.00	19.68 -0.26 0.00	17.00 -0.50 0.00	16.42 -0.84 0.00
COBBLENY_34_KV_TB1 80064	13.40 -0.34 2.72	13.93 -0.33 3.08	9.49 -0.34 7.92	9.36 -0.19 7.85	8.77 -0.17 6.71	10.96 -0.09 7.44	13.66 -0.08 3.91	12.75 0.03 6.32	16.52 0.09 3.19	18.80 0.06 1.10	20.08 0.01 0.61	15.06 0.20 5.94	18.18 0.16 2.41	20.80 0.02 -0.01	19.95 0.01 -0.19	22.44 0.07 -0.08	22.58 0.22 -0.05	19.48 0.24 -0.02	20.26 0.04 1.03	21.54 -0.05 1.03	20.55 -0.08 2.07	19.23 -0.10 0.62	15.39 -0.17 1.93	17.11 -0.15 0.00
COFFEEN_115KV_TB3 355620	16.13 -0.34 -0.01	16.96 -0.38 0.00	17.27 -0.53 -0.05	16.72 -0.73 -0.05	14.90 -0.80 -0.05	17.69 -0.85 -0.05	16.83 -0.85 -0.03	18.19 -0.89 -0.05	19.81 -0.94 -1.14	20.36 -0.82 -1.35	21.30 -0.76 -1.38	20.97 -0.90 -1.07	20.60 -0.84 -1.01	21.01 -0.83 -1.07	20.26 -0.86 -1.37	22.54 -1.14 -1.40	22.10 -1.15 -0.94	18.73 -0.82 -0.33	19.16 -0.82 0.39	21.84 -0.78 -0.01	22.03 -0.69 -0.01	19.24 -0.71 0.00	16.92 -0.63 -0.06	16.52 -0.74 0.00
COLDSPRG_115KV_BK1 355956	15.16 0.22 1.52	15.96 0.29 1.68	13.66 0.29 4.38	13.61 0.55 4.34	12.49 0.55 3.71	15.12 0.74 4.11	16.20 0.71 2.16	16.42 0.88 3.49	18.80 0.92 1.74	20.18 0.92 0.58	21.27 0.89 0.30	18.58 1.04 3.26	20.18 1.06 1.31	21.80 1.00 -0.02	20.92 0.97 -0.20	23.58 1.21 -0.08	23.71 1.35 -0.05	20.41 1.17 -0.02	21.35 1.06 0.08	23.13 1.09 0.57	22.55 0.99 1.15	20.36 0.75 0.34	17.07 0.57 1.00	17.77 0.51 0.00
COLONIE_LFGE___ 323577	17.24 0.79 0.00	18.12 0.78 0.00	18.56 0.81 0.00	18.21 0.80 0.00	16.46 0.77 -0.04	19.39 0.90 0.00	18.50 0.84 0.00	19.91 0.87 0.00	20.60 0.98 0.00	20.85 1.02 0.00	21.72 1.04 0.00	21.82 1.02 0.00	21.44 1.01 0.00	21.81 1.03 0.00	21.57 1.01 -0.81	23.44 1.11 -0.04	23.36 1.05 0.00	20.14 0.91 0.00	21.40 1.03 0.00	23.68 1.06 0.00	23.75 1.05 0.00	20.85 0.90 0.00	19.22 0.85 -0.87	18.09 0.83 0.00
COOPERNY_115KV_TB1 80082	17.58 1.02 -0.10	18.50 1.04 -0.11	19.10 1.05 -0.30	18.75 1.05 -0.30	16.90 0.97 -0.28	19.90 1.13 -0.28	18.88 1.08 -0.15	20.49 1.21 -0.24	21.10 1.34 -0.14	21.32 1.41 -0.07	22.20 1.47 -0.05	22.51 1.47 -0.25	21.99 1.45 -0.11	22.28 1.48 -0.02	21.74 1.40 -0.60	23.90 1.56 -0.06	23.83 1.51 -0.02	20.53 1.30 0.00	21.80 1.43 -0.01	24.21 1.56 -0.04	24.32 1.53 -0.08	21.27 1.30 -0.02	19.33 1.14 -0.69	18.36 1.10 0.00
COPENHAGEN_WT_PWR 323753	15.99 -0.47 0.00	16.80 -0.55 0.00	17.04 -0.71 0.00	16.46 -0.94 0.00	14.64 -1.01 0.00	17.38 -1.11 0.00	16.54 -1.12 0.00	17.87 -1.17 0.00	19.40 -1.27 -1.05	19.97 -1.14 -1.27	20.89 -1.09 -1.30	20.57 -1.20 -0.98	20.25 -1.15 -0.97	20.93 -1.15 -1.30	19.92 -1.15 -1.32	22.19 -1.44 -1.35	22.10 -1.46 -1.24	18.42 -1.12 -0.31	18.87 -1.13 0.37	21.47 -1.14 0.00	21.65 -1.05 0.00	18.93 -1.02 0.00	16.64 -0.90 -0.05	16.26 -1.00 0.00
CORNELL_____ 23752	17.95 0.39 -1.11	19.03 0.42 -1.27	21.35 0.39 -3.21	21.02 0.43 -3.18	18.78 0.40 -2.73	22.02 0.52 -3.02	19.73 0.49 -1.59	22.16 0.57 -2.56	21.65 0.64 -1.39	21.04 0.63 -0.56	21.66 0.61 -0.37	23.93 0.64 -2.50	22.12 0.63 -1.07	21.48 0.62 -0.08	20.55 0.56 -0.24	23.08 0.70 -0.10	23.12 0.75 -0.05	19.93 0.68 -0.02	21.13 0.71 -0.05	23.85 0.82 -0.42	24.35 0.80 -0.84	20.87 0.67 -0.25	19.10 0.58 -1.02	17.77 0.50 0.00
CORONA_AV_69_KV_TB1 355595	18.27 1.73 -0.09	19.16 1.72 -0.10	19.67 1.66 -0.26	19.30 1.64 -0.26	17.46 1.56 -0.26	20.56 1.83 -0.25	19.55 1.76 -0.13	21.21 1.96 -0.21	21.95 2.21 -0.12	23.96 2.36 -1.76	29.75 2.50 -6.57	29.01 2.51 -5.71	43.18 2.48 -20.27	31.61 2.53 -8.30	59.28 2.38 -37.15	80.06 2.61 -55.16	44.84 2.56 -19.97	21.60 2.19 -0.19	23.82 2.38 -1.07	25.20 2.55 -0.03	25.25 2.48 -0.07	41.57 2.21 -19.41	20.13 1.87 -0.77	19.09 1.83 0.00
CORTLAND_115KV_TB3 80093	17.10 0.27 -0.38	18.06 0.29 -0.43	19.13 0.27 -1.11	18.80 0.30 -1.10	16.87 0.28 -0.94	19.89 0.36 -1.04	18.55 0.35 -0.55	20.32 0.40 -0.88	20.63 0.45 -0.56	20.59 0.46 -0.29	21.34 0.44 -0.22	22.19 0.46 -0.93	21.31 0.45 -0.43	21.31 0.44 -0.10	20.40 0.40 -0.25	22.91 0.49 -0.13	22.91 0.53 -0.08	19.74 0.49 -0.03	20.89 0.51 -0.01	23.33 0.57 -0.14	23.56 0.56 -0.29	20.50 0.46 -0.09	18.34 0.42 -0.43	17.61 0.34 0.00
COXSACKIE___GT 23611	17.41 0.96 0.00	18.33 0.99 0.00	18.73 0.98 0.00	18.41 1.01 0.00	16.64 0.95 -0.04	19.65 1.16 0.00	18.79 1.13 0.00	20.27 1.24 0.00	21.03 1.41 0.00	21.25 1.41 0.00	22.09 1.41 0.00	22.14 1.34 0.00	21.79 1.36 0.00	22.17 1.39 0.00	21.71 1.21 -0.76	23.83 1.50 -0.04	23.79 1.48 0.00	20.65 1.43 0.00	21.91 1.55 0.00	24.23 1.62 0.00	24.28 1.57 0.00	21.31 1.36 0.00	19.52 1.21 -0.81	18.42 1.16 0.00
CPV_VALLEY___CC1 323721	17.50 1.05 0.00	18.40 1.06 0.00	18.82 1.06 0.00	18.47 1.07 0.00	16.67 0.99 -0.03	19.65 1.16 0.00	18.76 1.10 0.00	20.28 1.24 0.00	20.99 1.38 0.00	21.29 1.45 0.00	22.19 1.52 0.00	22.30 1.50 0.00	21.91 1.48 0.00	22.30 1.53 0.00	21.80 1.44 -0.61	23.93 1.61 -0.03	23.86 1.55 0.00	20.56 1.34 0.00	21.84 1.47 0.00	24.21 1.60 0.00	24.28 1.57 0.00	21.29 1.34 0.00	19.32 1.17 -0.66	18.39 1.13 0.00

CPV_VALLEY___CC2 323722	17.50 1.05 0.00	18.40 1.06 0.00	18.82 1.06 0.00	18.47 1.07 0.00	16.67 0.99 -0.03	19.65 1.16 0.00	18.76 1.10 0.00	20.28 1.24 0.00	20.99 1.38 0.00	21.29 1.45 0.00	22.19 1.52 0.00	22.30 1.50 0.00	21.91 1.48 0.00	22.30 1.53 0.00	21.80 1.44 -0.61	23.93 1.61 -0.03	23.86 1.55 0.00	20.56 1.34 0.00	21.84 1.47 0.00	24.21 1.60 0.00	24.28 1.57 0.00	21.29 1.34 0.00	19.32 1.17 -0.66	18.39 1.13 0.00
CRESCENT___HYD 24018	17.24 0.79 0.00	18.12 0.78 0.00	18.56 0.81 0.00	18.21 0.80 0.00	16.46 0.77 -0.04	19.39 0.90 0.00	18.50 0.84 0.00	19.91 0.87 0.00	20.60 0.98 0.00	20.85 1.02 0.00	21.72 1.04 0.00	21.82 1.02 0.00	21.44 1.01 0.00	21.81 1.03 0.00	21.57 1.01 -0.81	23.44 1.11 -0.04	23.36 1.05 0.00	20.14 0.91 0.00	21.40 1.03 0.00	23.68 1.06 0.00	23.75 1.05 0.00	20.85 0.90 0.00	19.22 0.85 -0.87	18.09 0.83 0.00
CRICKET___VALLEY_CC1 323756	17.55 1.10 0.00	18.44 1.09 0.00	18.85 1.10 0.00	18.49 1.10 0.00	16.70 1.02 -0.04	19.70 1.21 0.00	18.80 1.15 0.00	20.29 1.25 0.00	21.01 1.40 0.00	21.30 1.46 0.00	22.19 1.51 0.00	22.31 1.51 0.00	21.93 1.50 0.00	22.31 1.54 0.00	21.89 1.47 -0.68	23.94 1.62 -0.04	23.87 1.56 0.00	20.58 1.35 0.00	21.85 1.48 0.00	24.19 1.58 0.00	24.26 1.55 0.00	21.27 1.33 0.00	19.41 1.18 -0.73	18.42 1.15 0.00
CRICKET___VALLEY_CC2 323757	17.55 1.10 0.00	18.44 1.09 0.00	18.85 1.10 0.00	18.49 1.10 0.00	16.70 1.02 -0.04	19.70 1.21 0.00	18.80 1.15 0.00	20.29 1.25 0.00	21.01 1.40 0.00	21.30 1.46 0.00	22.19 1.51 0.00	22.31 1.51 0.00	21.93 1.50 0.00	22.31 1.54 0.00	21.89 1.47 -0.68	23.94 1.62 -0.04	23.87 1.56 0.00	20.58 1.35 0.00	21.85 1.48 0.00	24.19 1.58 0.00	24.26 1.55 0.00	21.27 1.33 0.00	19.41 1.18 -0.73	18.42 1.15 0.00
CRICKET___VALLEY_CC3 323758	17.55 1.10 0.00	18.44 1.09 0.00	18.85 1.10 0.00	18.49 1.10 0.00	16.70 1.02 -0.04	19.70 1.21 0.00	18.80 1.15 0.00	20.29 1.25 0.00	21.01 1.40 0.00	21.30 1.46 0.00	22.19 1.51 0.00	22.31 1.51 0.00	21.93 1.50 0.00	22.31 1.54 0.00	21.89 1.47 -0.68	23.94 1.62 -0.04	23.87 1.56 0.00	20.58 1.35 0.00	21.85 1.48 0.00	24.19 1.58 0.00	24.26 1.55 0.00	21.27 1.33 0.00	19.41 1.18 -0.73	18.42 1.15 0.00
CRUCIBLE_METL_DRP 24180	16.56 -0.03 -0.13	17.48 -0.02 -0.16	18.09 -0.05 -0.39	17.77 -0.02 -0.38	15.98 -0.01 -0.34	18.89 0.03 -0.37	17.87 0.03 -0.19	19.38 0.04 -0.31	19.96 0.08 -0.27	20.11 0.08 -0.19	20.91 0.06 -0.16	21.28 0.09 -0.39	20.72 0.08 -0.21	20.95 0.08 -0.09	20.01 0.06 -0.20	22.52 0.09 -0.13	22.51 0.12 -0.07	19.39 0.14 -0.03	20.46 0.11 0.01	22.78 0.12 -0.05	22.91 0.10 -0.10	20.05 0.07 -0.03	17.75 0.07 -0.18	17.30 0.04 0.00
DAHOWA___HYDRO 323763	17.40 0.95 0.00	18.27 0.93 0.00	18.72 0.97 0.00	18.38 0.98 0.00	16.62 0.92 -0.05	19.64 1.15 0.00	18.73 1.08 0.00	20.15 1.11 0.00	20.83 1.21 0.00	21.11 1.28 0.00	21.99 1.31 0.00	22.11 1.31 0.00	21.70 1.27 0.00	22.06 1.29 0.00	21.85 1.28 -0.82	23.75 1.42 -0.04	23.66 1.35 0.00	20.39 1.17 0.00	21.71 1.34 0.00	24.05 1.44 0.00	24.12 1.41 0.00	21.15 1.21 0.00	19.50 1.12 -0.88	18.36 1.09 0.00
DANC___LFGE 323619	16.08 -0.37 0.00	16.92 -0.43 0.00	17.22 -0.53 0.00	16.74 -0.67 0.00	14.94 -0.71 0.00	17.71 -0.78 0.00	16.88 -0.78 0.00	18.21 -0.83 0.00	19.46 -0.88 -0.72	19.91 -0.79 -0.87	20.81 -0.76 -0.89	20.66 -0.81 -0.67	20.31 -0.78 -0.66	20.87 -0.79 -0.89	19.88 -0.79 -0.92	22.21 -1.00 -0.93	22.15 -1.01 -0.85	18.67 -0.77 -0.21	19.33 -0.79 0.25	21.83 -0.78 0.00	21.99 -0.72 0.00	19.25 -0.70 0.00	16.94 -0.61 -0.05	16.58 -0.68 0.00
DANSKAMMER___1 23586	17.85 1.40 0.00	18.76 1.41 0.00	19.17 1.42 0.00	18.82 1.42 0.00	16.98 1.30 -0.04	20.03 1.54 0.00	19.13 1.48 0.00	20.69 1.65 0.00	21.44 1.82 0.00	21.75 1.92 0.00	22.69 2.01 0.00	22.79 2.00 0.00	22.40 1.97 0.00	22.80 2.02 0.00	22.33 1.92 -0.66	24.46 2.14 -0.04	24.39 2.08 0.00	21.02 1.80 0.00	22.32 1.96 0.00	24.73 2.13 0.00	24.80 2.09 0.00	21.74 1.79 0.00	19.76 1.56 -0.71	18.76 1.50 0.00
DANSKAMMER___2 23589	17.85 1.40 0.00	18.76 1.41 0.00	19.17 1.42 0.00	18.82 1.42 0.00	16.98 1.30 -0.04	20.03 1.54 0.00	19.13 1.48 0.00	20.69 1.65 0.00	21.44 1.82 0.00	21.75 1.92 0.00	22.69 2.01 0.00	22.79 2.00 0.00	22.40 1.97 0.00	22.80 2.02 0.00	22.33 1.92 -0.66	24.46 2.14 -0.04	24.39 2.08 0.00	21.02 1.80 0.00	22.32 1.96 0.00	24.73 2.13 0.00	24.80 2.09 0.00	21.74 1.79 0.00	19.76 1.56 -0.71	18.76 1.50 0.00
DANSKAMMER___3 23590	17.85 1.40 0.00	18.76 1.41 0.00	19.17 1.42 0.00	18.82 1.42 0.00	16.98 1.30 -0.04	20.03 1.54 0.00	19.13 1.48 0.00	20.69 1.65 0.00	21.44 1.82 0.00	21.75 1.92 0.00	22.69 2.01 0.00	22.79 2.00 0.00	22.40 1.97 0.00	22.80 2.02 0.00	22.33 1.92 -0.66	24.46 2.14 -0.04	24.39 2.08 0.00	21.02 1.80 0.00	22.32 1.96 0.00	24.73 2.13 0.00	24.80 2.09 0.00	21.74 1.79 0.00	19.76 1.56 -0.71	18.76 1.50 0.00
DANSKAMMER___4 23591	17.85 1.40 0.00	18.76 1.41 0.00	19.17 1.42 0.00	18.82 1.42 0.00	16.98 1.30 -0.04	20.03 1.54 0.00	19.13 1.48 0.00	20.69 1.65 0.00	21.44 1.82 0.00	21.75 1.92 0.00	22.69 2.01 0.00	22.79 2.00 0.00	22.40 1.97 0.00	22.80 2.02 0.00	22.33 1.92 -0.66	24.46 2.14 -0.04	24.39 2.08 0.00	21.02 1.80 0.00	22.32 1.96 0.00	24.73 2.13 0.00	24.80 2.09 0.00	21.74 1.79 0.00	19.76 1.56 -0.71	18.76 1.50 0.00
DANSKAMMER___DIESEL 23592	17.94 1.40 -0.09	18.86 1.42 -0.10	19.44 1.43 -0.26	19.08 1.42 -0.25	17.20 1.31 -0.25	20.27 1.54 -0.25	19.26 1.48 -0.13	20.89 1.65 -0.20	21.57 1.83 -0.12	21.82 1.92 -0.06	22.74 2.01 -0.04	23.01 2.00 -0.21	22.50 1.98 -0.10	22.81 2.02 -0.02	22.35 1.92 -0.68	24.48 2.13 -0.06	24.40 2.07 -0.02	21.02 1.79 0.00	22.33 1.96 -0.01	24.77 2.13 -0.03	24.87 2.09 -0.07	21.76 1.79 -0.02	19.83 1.56 -0.77	18.76 1.50 0.00
DARBY___SOLAR 323810	17.54 0.94 -0.15	18.39 0.93 -0.11	18.90 0.96 -0.19	18.56 0.97 -0.19	16.76 0.90 -0.21	19.79 1.12 -0.18	18.80 1.05 -0.09	20.29 1.10 -0.16	20.91 1.20 -0.09	21.13 1.25 -0.05	22.00 1.28 -0.04	22.24 1.28 -0.16	21.76 1.25 -0.08	22.08 1.27 -0.03	21.84 1.25 -0.84	23.74 1.40 -0.06	23.65 1.33 -0.01	20.37 1.14 0.00	21.68 1.31 -0.01	24.03 1.39 -0.02	24.12 1.37 -0.05	21.13 1.17 -0.02	19.52 1.09 -0.93	18.32 1.06 0.00
DASHVILLE___HYD 23610	17.74 1.20 -0.08	18.65 1.22 -0.09	19.22 1.22 -0.25	18.85 1.20 -0.24	17.00 1.10 -0.25	19.99 1.27 -0.23	19.01 1.23 -0.12	20.61 1.38 -0.20	21.29 1.55 -0.12	21.53 1.64 -0.06	22.44 1.72 -0.04	22.71 1.71 -0.20	22.21 1.69 -0.09	22.53 1.73 -0.02	22.08 1.63 -0.70	24.16 1.82 -0.06	24.08 1.76 -0.02	20.73 1.50 0.00	22.02 1.65 -0.01	24.44 1.80 -0.03	24.55 1.78 -0.06	21.47 1.50 -0.02	19.58 1.29 -0.80	18.49 1.23 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	18.39 1.85 -0.09	19.24 1.81 -0.10	19.71 1.70 -0.26	19.41 1.75 -0.26	17.62 1.72 -0.26	20.83 2.09 -0.25	19.83 2.04 -0.13	21.58 2.34 -0.21	22.32 2.58 -0.12	24.40 2.81 -1.76	30.13 2.88 -6.57	29.36 2.85 -5.71	43.49 2.79 -20.27	31.92 2.84 -8.30	59.57 2.67 -37.15	80.09 2.64 -55.16	45.12 2.84 -19.97	21.99 2.58 -0.19	24.27 2.83 -1.07	25.65 3.01 -0.03	25.65 2.87 -0.07	41.95 2.59 -19.41	20.42 2.16 -0.77	19.36 2.10 0.00
DELAWARE___LFGE 323621	17.41 0.74 -0.21	18.36 0.79 -0.23	19.17 0.79 -0.63	18.82 0.79 -0.62	16.91 0.71 -0.55	19.92 0.84 -0.59	18.78 0.82 -0.31	20.46 0.93 -0.50	20.93 1.03 -0.29	21.02 1.06 -0.13	21.86 1.09 -0.10	22.39 1.09 -0.51	21.72 1.07 -0.22	21.90 1.09 -0.03	21.12 1.04 -0.34	23.51 1.17 -0.06	23.49 1.16 -0.03	20.24 1.01 -0.01	21.46 1.08 -0.01	23.88 1.19 -0.08	24.03 1.15 -0.16	20.99 0.99 -0.05	18.84 0.87 -0.48	18.07 0.81 0.00
DERFIELD_115KV_TB7 355931	16.49 0.03 -0.01	17.36 0.02 0.00	17.79 0.02 -0.03	17.44 0.02 -0.03	15.69 0.02 -0.02	18.53 0.02 -0.03	17.69 0.02 -0.01	19.08 0.02 -0.02	19.77 0.04 -0.11	20.01 0.04 -0.13	20.85 0.04 -0.13	20.95 0.04 -0.11	20.57 0.04 -0.10	20.89 0.04 -0.08	19.92 0.04 -0.13	22.46 0.05 -0.13	22.42 0.05 -0.06	19.30 0.05 -0.03	20.54 0.06 -0.11	22.66 0.05 0.00	22.76 0.05 -0.01	19.99 0.04 0.00	17.56 0.05 -0.02	17.30 0.04 0.00
DOGLEVILLE___HYD 23807	16.29 -0.16 0.00	17.14 -0.20 0.00	17.52 -0.23 0.00	17.21 -0.19 0.00	15.52 -0.12 0.00	18.28 -0.21 0.00	17.51 -0.14 0.00	18.78 -0.26 0.00	19.51 -0.10 0.00	19.78 -0.05 0.00	20.64 -0.04 0.00	20.68 -0.12 0.00	20.24 -0.19 0.00	20.66 -0.12 0.00	19.71 -0.05 -0.01	22.19 -0.09 0.00	22.11 -0.20 0.00	19.16 -0.07 0.00	20.51 0.03 -0.11	22.56 -0.05 0.00	22.57 -0.14 0.00	19.86 -0.09 0.00	17.51 0.00 -0.01	17.12 -0.14 0.00
DUNKIRK___115KV_TB_200 55889	13.06 -0.43 2.96	13.70 -0.42 3.23	8.55 -0.42 8.79	8.56 -0.14 8.70	8.13 -0.08 7.44	10.24 0.01 8.25	13.34 0.03 4.34	12.18 0.15 7.01	16.26 0.19 3.54	18.77 0.16 1.23	20.11 0.11 0.68	14.47 0.27 6.59	18.03 0.27 2.68	21.00 0.21 -0.01	20.21 0.27 -0.19	22.80 0.43 -0.08	23.02 0.66 -0.05	19.85 0.61 -0.02	20.64 0.44 0.16	21.81 0.34 1.14	20.63 0.22 2.30	19.34 0.08 0.69	15.25 -0.10 2.15	17.15 -0.12 0.00
DUNKIRK___1 23563	13.06 -0.43 2.96	13.70 -0.42 3.23	8.55 -0.42 8.79	8.56 -0.14 8.70	8.13 -0.08 7.44	10.24 0.01 8.25	13.34 0.03 4.34	12.18 0.15 7.01	16.26 0.19 3.54	18.77 0.16 1.23	20.11 0.11 0.68	14.47 0.27 6.59	18.03 0.27 2.68	21.00 0.21 -0.01	20.21 0.27 -0.19	22.80 0.43 -0.08	23.02 0.66 -0.05	19.85 0.61 -0.02	20.64 0.44 0.16	21.81 0.34 1.14	20.63 0.22 2.30	19.34 0.08 0.69	15.25 -0.10 2.15	17.15 -0.12 0.00
DUNKIRK___2 23564	13.06 -0.43 2.96	13.70 -0.42 3.23	8.55 -0.42 8.79	8.56 -0.14 8.70	8.13 -0.08 7.44	10.24 0.01 8.25	13.34 0.03 4.34	12.18 0.15 7.01	16.26 0.19 3.54	18.77 0.16 1.23	20.11 0.11 0.68	14.47 0.27 6.59	18.03 0.27 2.68	21.00 0.21 -0.01	20.21 0.27 -0.19	22.80 0.43 -0.08	23.02 0.66 -0.05	19.85 0.61 -0.02	20.64 0.44 0.16	21.81 0.34 1.14	20.63 0.22 2.30	19.34 0.08 0.69	15.25 -0.10 2.15	17.15 -0.12 0.00
DUNKIRK___3 23565	12.85 -0.39 3.20	13.47 -0.38 3.50	7.83 -0.39 9.53	7.82 -0.14 9.44	7.49 -0.09 8.07	9.53 0.00 8.96	12.96 0.01 4.70	11.57 0.14 7.60	15.94 0.17 3.85	18.64 0.14 1.34	20.03 0.09 0.74	13.90 0.26 7.15	17.78 0.26 2.91	20.96 0.18 -0.01	20.15 0.21 -0.19	22.73 0.36 -0.08	22.93 0.57 -0.05	19.76 0.52 -0.02	20.54 0.34 0.17	21.63 0.25 1.23	20.36 0.15 2.50	19.23 0.03 0.75	15.04 -0.11 2.35	17.13 -0.13 0.00
DUNKIRK___4 23566	12.85 -0.39 3.20	13.47 -0.38 3.50	7.83 -0.39 9.53	7.82 -0.14 9.44	7.49 -0.09 8.07	9.53 0.00 8.96	12.96 0.01 4.70	11.57 0.14 7.60	15.94 0.17 3.85	18.64 0.14 1.34	20.03 0.09 0.74	13.90 0.26 7.15	17.78 0.26 2.91	20.96 0.18 -0.01	20.15 0.21 -0.19	22.73 0.36 -0.08	22.93 0.57 -0.05	19.76 0.52 -0.02	20.54 0.34 0.17	21.63 0.25 1.23	20.36 0.15 2.50	19.23 0.03 0.75	15.04 -0.11 2.35	17.13 -0.13 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.00 1.46 -0.09	18.93 1.49 -0.10	19.49 1.48 -0.26	19.13 1.47 -0.26	17.26 1.36 -0.26	20.33 1.59 -0.25	19.30 1.51 -0.13	20.95 1.71 -0.21	21.63 1.89 -0.12	21.88 1.99 -0.06	22.81 2.08 -0.04	23.08 2.07 -0.21	22.58 2.06 -0.10	22.91 2.11 -0.02	22.42 1.99 -0.67	24.56 2.22 -0.06	24.46 2.14 -0.02	21.06 1.83 0.00	22.37 2.00 -0.01	24.79 2.15 -0.03	24.89 2.11 -0.07	21.79 1.82 -0.02	19.85 1.59 -0.77	18.80 1.54 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	17.83 1.29 -0.09	18.74 1.30 -0.10	19.32 1.31 -0.26	18.96 1.30 -0.26	17.10 1.20 -0.26	20.14 1.40 -0.25	19.13 1.34 -0.13	20.76 1.51 -0.21	21.42 1.68 -0.13	21.66 1.76 -0.06	22.56 1.84 -0.04	22.84 1.83 -0.22	22.34 1.81 -0.10	22.65 1.85 -0.02	22.17 1.75 -0.67	24.29 1.95 -0.05	24.22 1.89 -0.02	20.85 1.63 0.00	22.16 1.79 -0.01	24.60 1.95 -0.03	24.70 1.92 -0.07	21.60 1.64 -0.02	19.69 1.43 -0.77	18.63 1.37 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	18.09 1.54 -0.09	19.01 1.57 -0.10	19.59 1.59 -0.26	19.23 1.57 -0.26	17.34 1.44 -0.26	20.42 1.68 -0.25	19.40 1.61 -0.13	21.06 1.81 -0.21	21.75 2.00 -0.13	21.98 2.08 -0.06	22.89 2.17 -0.04	23.16 2.15 -0.21	22.66 2.13 -0.10	22.98 2.18 -0.02	22.49 2.07 -0.67	24.65 2.31 -0.06	24.55 2.23 -0.02	21.13 1.90 0.00	22.43 2.05 -0.01	24.91 2.27 -0.03	24.99 2.22 -0.07	21.87 1.90 -0.02	19.90 1.63 -0.77	18.84 1.58 0.00
E179THST_13_KV_LOAD 356214	18.15 1.61 -0.09	19.08 1.64 -0.10	19.65 1.65 -0.26	19.29 1.63 -0.26	17.40 1.49 -0.26	20.48 1.75 -0.25	19.46 1.68 -0.13	21.13 1.89 -0.21	21.83 2.08 -0.13	22.06 2.17 -0.06	22.98 2.26 -0.04	23.26 2.25 -0.21	22.76 2.23 -0.10	23.07 2.28 -0.02	22.58 2.15 -0.67	24.76 2.41 -0.06	24.66 2.33 -0.02	21.22 1.99 0.00	22.52 2.15 -0.01	25.02 2.38 -0.03	25.10 2.33 -0.07	21.95 1.98 -0.02	19.98 1.71 -0.77	18.91 1.65 0.00
EAST HAMPTON___GT 23717	18.44 1.99 0.00	19.29 1.95 0.00	19.61 1.86 0.00	19.30 1.90 0.00	17.55 1.87 -0.04	20.76 2.27 0.00	19.87 2.22 0.00	21.58 2.55 0.00	22.38 2.77 0.00	24.58 3.04 -1.70	30.33 3.13 -6.52	29.40 3.11 -5.49	43.64 3.03 -20.18	32.15 3.10 -8.28	59.78 2.91 -37.13	80.09 2.67 -55.14	45.28 3.02 -19.96	22.24 2.83 -0.18	24.54 3.11 -1.06	25.93 3.32 0.00	25.86 3.15 0.00	42.18 2.85 -19.38	20.55 2.35 -0.70	19.55 2.29 0.00
EAST RIVER___6 23660	18.03 1.57 0.00	18.93 1.59 0.00	19.37 1.61 0.00	18.99 1.59 0.00	17.14 1.46 -0.04	20.19 1.70 0.00	19.27 1.61 0.00	20.85 1.82 0.00	21.62 2.00 0.00	21.95 2.12 0.00	22.90 2.22 0.00	23.00 2.21 0.00	22.63 2.20 0.00	23.05 2.27 0.00	22.56 2.16 -0.66	24.73 2.41 -0.04	24.61 2.30 0.00	21.20 1.98 0.00	22.49 2.12 0.00	24.91 2.30 0.00	24.97 2.27 0.00	21.91 1.96 0.00	19.91 1.71 -0.70	18.91 1.65 0.00

EAST RIVER___7 23524	18.03 1.57 0.00	18.93 1.59 0.00	19.37 1.61 0.00	18.99 1.59 0.00	17.14 1.46 -0.04	20.19 1.70 0.00	19.27 1.61 0.00	20.85 1.82 0.00	21.62 2.00 0.00	21.95 2.12 0.00	22.90 2.22 0.00	23.00 2.21 0.00	22.63 2.20 0.00	23.05 2.27 0.00	22.56 2.16 -0.66	24.73 2.41 -0.04	24.61 2.30 0.00	21.20 1.98 0.00	22.49 2.12 0.00	24.91 2.30 0.00	24.97 2.27 0.00	21.91 1.96 0.00	19.91 1.71 -0.70	18.91 1.65 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	17.96 1.42 -0.09	18.87 1.43 -0.10	19.44 1.44 -0.26	19.09 1.43 -0.26	17.22 1.32 -0.26	20.28 1.54 -0.25	19.25 1.47 -0.13	20.90 1.66 -0.21	21.57 1.83 -0.12	21.82 1.92 -0.06	22.74 2.02 -0.04	23.02 2.00 -0.21	22.51 1.99 -0.10	22.83 2.04 -0.02	22.36 1.93 -0.67	24.49 2.14 -0.06	24.39 2.06 -0.02	21.00 1.77 0.00	22.31 1.94 -0.01	24.74 2.10 -0.03	24.84 2.07 -0.07	21.75 1.78 -0.02	19.82 1.55 -0.77	18.76 1.50 0.00
EAST_HAMPTON___DIESEL 23722	18.45 1.99 0.00	19.29 1.95 0.00	19.62 1.87 0.00	19.31 1.91 0.00	17.55 1.87 -0.04	20.76 2.27 0.00	19.87 2.22 0.00	21.58 2.55 0.00	22.39 2.77 0.00	24.58 3.04 -1.70	30.34 3.14 -6.52	29.41 3.12 -5.49	43.64 3.03 -20.18	32.16 3.11 -8.28	59.79 2.91 -37.13	80.10 2.68 -55.14	45.29 3.03 -19.96	22.24 2.83 -0.18	24.54 3.11 -1.06	25.93 3.32 0.00	25.87 3.17 0.00	42.18 2.85 -19.38	20.56 2.36 -0.70	19.56 2.29 0.00
EAST_PULASKI___ESR 323781	16.18 -0.27 -0.01	17.03 -0.30 0.01	17.45 -0.35 -0.05	17.06 -0.39 -0.05	15.29 -0.41 -0.05	18.10 -0.44 -0.05	17.26 -0.43 -0.03	18.61 -0.46 -0.04	19.56 -0.47 -0.41	19.88 -0.44 -0.48	20.74 -0.43 -0.49	20.77 -0.42 -0.40	20.36 -0.42 -0.36	20.68 -0.44 -0.35	19.83 -0.44 -0.52	22.22 -0.49 -0.49	22.06 -0.55 -0.30	18.94 -0.40 -0.11	19.82 -0.42 0.12	22.21 -0.41 -0.01	22.34 -0.38 -0.01	19.57 -0.38 0.00	17.25 -0.32 -0.07	16.90 -0.36 0.00
EAST_RIVER___1 323558	17.99 1.53 0.00	18.90 1.55 0.00	19.32 1.57 0.00	18.95 1.55 0.00	17.11 1.43 -0.04	20.16 1.67 0.00	19.24 1.59 0.00	20.82 1.79 0.00	21.59 1.97 0.00	21.91 2.07 0.00	22.86 2.18 0.00	22.96 2.17 0.00	22.58 2.15 0.00	22.99 2.22 0.00	22.52 2.11 -0.66	24.67 2.35 -0.04	24.56 2.24 0.00	21.15 1.93 0.00	22.44 2.08 0.00	24.86 2.25 0.00	24.92 2.21 0.00	21.87 1.92 0.00	19.88 1.68 -0.70	18.88 1.62 0.00
EAST_RIVER___2 323559	18.03 1.57 0.00	18.93 1.59 0.00	19.37 1.61 0.00	18.99 1.59 0.00	17.14 1.46 -0.04	20.19 1.70 0.00	19.27 1.61 0.00	20.85 1.82 0.00	21.62 2.00 0.00	21.95 2.12 0.00	22.90 2.22 0.00	23.00 2.21 0.00	22.63 2.20 0.00	23.05 2.27 0.00	22.56 2.16 -0.66	24.73 2.41 -0.04	24.61 2.30 0.00	21.20 1.98 0.00	22.49 2.12 0.00	24.91 2.30 0.00	24.97 2.27 0.00	21.91 1.96 0.00	19.91 1.71 -0.70	18.91 1.65 0.00
EAST___DELAWARE_HYD 23607	18.03 1.58 0.00	18.95 1.61 0.00	19.36 1.61 0.00	18.97 1.57 0.00	17.14 1.46 -0.03	20.14 1.65 0.00	19.29 1.63 0.00	20.78 1.75 0.00	21.62 2.00 0.00	21.88 2.04 0.00	22.82 2.14 0.00	22.92 2.13 0.00	22.50 2.07 0.00	22.90 2.12 0.00	22.42 2.04 -0.63	24.58 2.26 -0.03	24.52 2.21 0.00	21.12 1.90 0.00	22.45 2.08 0.00	24.90 2.29 0.00	24.97 2.26 0.00	21.87 1.92 0.00	19.82 1.64 -0.67	18.82 1.56 0.00
EIGHT_POINT___WT_PWR 323820	41.33 -0.78 -25.66	46.05 -0.84 -29.54	47.42 -0.77 -30.44	47.08 -0.47 -30.15	41.01 -0.44 -25.81	46.78 -0.34 -28.64	32.32 -0.36 -15.03	43.08 -0.23 -24.28	31.94 -0.17 -12.49	23.98 -0.37 -4.51	22.84 -0.45 -2.61	43.59 -0.24 -23.03	30.06 -0.16 -9.80	24.01 -0.12 -3.35	20.03 0.14 -0.15	22.55 0.25 -0.01	22.65 0.35 0.00	19.55 0.33 0.00	21.19 0.30 -0.53	26.90 0.35 -3.94	30.96 0.26 -7.99	22.67 0.34 -2.38	25.76 0.18 -8.08	17.25 -0.01 0.00
ELBRIDGE_115KV_TB2 80188	16.60 -0.04 -0.18	17.54 -0.03 -0.23	18.20 -0.07 -0.52	17.90 -0.02 -0.51	16.08 -0.01 -0.44	19.02 0.05 -0.49	17.93 0.02 -0.26	19.49 0.04 -0.41	20.01 0.09 -0.31	20.12 0.10 -0.19	20.90 0.06 -0.16	21.36 0.08 -0.48	20.75 0.07 -0.24	20.95 0.09 -0.08	19.99 0.05 -0.19	22.51 0.10 -0.12	22.51 0.14 -0.07	19.40 0.15 -0.03	20.46 0.10 0.01	22.80 0.12 -0.07	22.95 0.10 -0.14	20.07 0.08 -0.04	17.79 0.08 -0.22	17.30 0.04 0.00
ELEC_TRO_TEK 24086	18.18 1.64 -0.09	19.06 1.62 -0.10	19.57 1.56 -0.26	19.22 1.57 -0.26	17.38 1.48 -0.26	20.50 1.76 -0.25	19.48 1.69 -0.13	21.15 1.91 -0.21	21.90 2.15 -0.12	23.90 2.30 -1.76	29.67 2.42 -6.57	28.92 2.42 -5.71	43.09 2.39 -20.27	31.51 2.43 -8.30	59.20 2.30 -37.15	79.96 2.52 -55.16	44.74 2.47 -19.97	21.52 2.11 -0.19	23.74 2.30 -1.07	25.11 2.46 -0.03	25.16 2.38 -0.07	41.49 2.14 -19.41	20.07 1.81 -0.77	19.04 1.78 0.00
ELLENBURG_WT_PWR 323604	16.42 -0.03 0.00	17.32 -0.02 0.00	17.67 -0.08 0.00	17.19 -0.21 0.00	15.19 -0.46 0.00	17.70 -0.79 0.00	16.85 -0.81 0.00	18.15 -0.88 0.00	-14.54 -1.18 32.98	-21.09 -1.17 39.76	-21.07 -1.17 40.58	-10.82 -1.16 30.45	-10.89 -1.12 30.20	-21.10 -1.14 40.74	-21.10 -1.10 39.75	-21.20 -1.29 42.19	-17.77 -1.23 38.85	8.38 -1.04 9.80	16.82 -0.91 2.63	21.76 -0.85 0.00	22.08 -0.62 0.00	19.48 -0.47 0.00	16.82 -0.68 0.00	16.26 -1.00 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	12.57 -0.48 3.41	13.15 -0.47 3.72	7.10 -0.50 10.15	6.98 -0.37 10.05	6.74 -0.31 8.59	8.69 -0.26 9.54	12.42 -0.22 5.01	10.79 -0.15 8.09	15.41 -0.11 4.10	18.25 -0.16 1.43	19.67 -0.21 0.80	13.17 -0.01 7.62	17.28 -0.05 3.10	20.61 -0.17 0.00	19.75 -0.18 -0.19	22.23 -0.14 -0.08	22.37 0.01 -0.05	19.29 0.05 -0.02	20.00 -0.18 0.18	20.97 -0.33 1.31	19.68 -0.37 2.66	18.80 -0.35 0.79	14.58 -0.40 2.51	16.91 -0.36 0.00
EMPIRE_CC_1 323656	17.23 0.78 0.00	18.13 0.78 0.00	18.56 0.81 0.00	18.21 0.81 0.00	16.46 0.77 -0.04	19.37 0.88 0.00	18.48 0.82 0.00	19.89 0.86 0.00	20.59 0.97 0.00	20.84 1.01 0.00	21.72 1.03 0.00	21.81 1.01 0.00	21.45 1.02 0.00	21.81 1.04 0.00	21.52 1.00 -0.77	23.43 1.11 -0.04	23.35 1.04 0.00	20.13 0.91 0.00	21.38 1.01 0.00	23.64 1.04 0.00	23.71 1.00 0.00	20.83 0.88 0.00	19.15 0.83 -0.83	18.07 0.81 0.00
EMPIRE_CC_2 323658	17.23 0.78 0.00	18.13 0.78 0.00	18.56 0.81 0.00	18.21 0.81 0.00	16.46 0.77 -0.04	19.37 0.88 0.00	18.48 0.82 0.00	19.89 0.86 0.00	20.59 0.97 0.00	20.84 1.01 0.00	21.72 1.03 0.00	21.81 1.01 0.00	21.45 1.02 0.00	21.81 1.04 0.00	21.52 1.00 -0.77	23.43 1.11 -0.04	23.35 1.04 0.00	20.13 0.91 0.00	21.38 1.01 0.00	23.64 1.04 0.00	23.71 1.00 0.00	20.83 0.88 0.00	19.15 0.83 -0.83	18.07 0.81 0.00
ENORWICH_115KV_TB1 80156	18.11 1.10 -0.56	19.13 1.16 -0.62	20.44 1.06 -1.63	20.06 1.05 -1.62	17.98 0.94 -1.39	21.25 1.22 -1.53	19.62 1.16 -0.81	21.73 1.40 -1.30	21.88 1.53 -0.73	21.58 1.44 -0.31	22.34 1.45 -0.21	23.53 1.44 -1.29	22.40 1.42 -0.56	22.27 1.43 -0.06	21.50 1.47 -0.28	24.03 1.67 -0.08	24.10 1.74 -0.05	20.78 1.54 -0.02	22.08 1.69 -0.02	24.78 1.96 -0.21	25.07 1.93 -0.43	21.72 1.65 -0.13	19.57 1.42 -0.66	18.54 1.28 0.00

ERIE_ST__34_KV_TB1-2 80199	13.57 -0.01 2.87	14.15 0.02 3.22	9.27 0.00 8.48	9.11 0.11 8.40	8.60 0.13 7.18	10.76 0.23 7.97	13.72 0.25 4.19	12.64 0.37 6.76	16.63 0.43 3.42	19.03 0.38 1.18	20.38 0.35 0.65	15.00 0.56 6.36	18.35 0.50 2.58	21.15 0.37 -0.01	20.25 0.31 -0.19	22.79 0.42 -0.08	22.92 0.56 -0.05	19.75 0.51 -0.02	20.54 0.33 0.15	21.80 0.28 1.10	20.73 0.25 2.22	19.46 0.17 0.66	15.50 0.08 2.08	17.34 0.08 0.00
ERIE_WT_PWR 323693	8.01 -0.32 8.13	7.69 -0.29 9.36	7.78 -0.33 9.64	7.63 -0.22 9.55	7.29 -0.19 8.17	9.28 -0.14 9.07	12.80 -0.10 4.76	11.34 0.00 7.69	15.74 0.08 3.95	18.42 0.02 1.43	19.81 -0.05 0.83	13.65 0.14 7.30	17.42 0.09 3.10	19.69 -0.03 1.06	19.81 -0.05 -0.12	22.31 0.02 -0.01	22.47 0.16 0.00	19.38 0.16 0.00	20.17 -0.03 0.17	21.24 -0.12 1.25	20.02 -0.17 2.52	19.02 -0.18 0.75	14.88 -0.24 2.38	17.04 -0.23 0.00
ESPRGFLD_115KV_TB1 80157	17.46 0.88 -0.13	18.38 0.90 -0.14	19.02 0.89 -0.37	18.65 0.88 -0.37	16.69 0.73 -0.32	19.81 0.97 -0.35	18.77 0.93 -0.18	20.48 1.15 -0.30	20.99 1.19 -0.18	21.09 1.17 -0.08	21.95 1.21 -0.06	22.33 1.23 -0.31	21.73 1.17 -0.13	21.98 1.18 -0.02	20.87 1.13 0.01	23.66 1.35 -0.03	23.76 1.44 -0.02	20.43 1.20 -0.01	21.62 1.24 -0.01	24.12 1.46 -0.05	24.31 1.51 -0.10	21.25 1.28 -0.03	18.59 1.04 -0.06	18.25 0.99 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	17.76 0.38 -0.92	18.81 0.40 -1.06	20.81 0.38 -2.68	20.48 0.42 -2.66	18.32 0.39 -2.29	21.52 0.50 -2.53	19.45 0.47 -1.33	21.72 0.55 -2.14	21.42 0.63 -1.17	20.94 0.62 -0.49	21.59 0.59 -0.32	23.51 0.62 -2.10	21.93 0.60 -0.90	21.45 0.60 -0.08	20.54 0.55 -0.24	23.06 0.68 -0.10	23.10 0.73 -0.05	19.91 0.66 -0.02	21.09 0.69 -0.04	23.74 0.78 -0.35	24.18 0.77 -0.71	20.81 0.65 -0.21	18.94 0.56 -0.88	17.75 0.49 0.00
ETNA____115KV_TB2 80207	17.76 0.38 -0.92	18.81 0.40 -1.06	20.81 0.38 -2.68	20.48 0.42 -2.66	18.32 0.39 -2.29	21.52 0.50 -2.53	19.45 0.47 -1.33	21.72 0.55 -2.14	21.42 0.63 -1.17	20.94 0.62 -0.49	21.59 0.59 -0.32	23.51 0.62 -2.10	21.93 0.60 -0.90	21.45 0.60 -0.08	20.54 0.55 -0.24	23.06 0.68 -0.10	23.10 0.73 -0.05	19.91 0.66 -0.02	21.09 0.69 -0.04	23.74 0.78 -0.35	24.18 0.77 -0.71	20.81 0.65 -0.21	18.94 0.56 -0.88	17.75 0.49 0.00
EUCLID____115KV_TB2 356179	16.29 -0.16 0.00	17.16 -0.17 0.01	17.65 -0.19 -0.08	17.31 -0.17 -0.08	15.58 -0.14 -0.07	18.42 -0.15 -0.08	17.57 -0.12 -0.04	18.96 -0.14 -0.06	19.66 -0.11 -0.15	19.89 -0.11 -0.16	20.71 -0.12 -0.16	20.87 -0.10 -0.17	20.45 -0.10 -0.13	20.74 -0.12 -0.09	19.84 -0.12 -0.21	22.32 -0.12 -0.15	22.29 -0.10 -0.08	19.19 -0.07 -0.04	20.25 -0.09 0.02	22.50 -0.12 -0.01	22.58 -0.14 -0.02	19.82 -0.14 -0.01	17.48 -0.10 -0.09	17.13 -0.13 0.00
E_CANADA_CAP_HY 24051	17.37 0.91 0.00	18.25 0.90 0.00	18.66 0.91 0.00	18.29 0.89 0.00	16.44 0.74 -0.05	19.49 1.00 0.00	18.58 0.93 0.00	20.22 1.18 0.00	20.80 1.19 0.00	21.00 1.16 0.00	21.89 1.21 0.00	22.02 1.23 0.00	21.56 1.13 0.00	21.94 1.16 0.00	21.85 1.12 -0.98	23.71 1.37 -0.05	23.77 1.46 0.00	20.42 1.20 0.00	21.61 1.24 0.00	24.10 1.49 0.00	24.26 1.55 0.00	21.25 1.30 0.00	19.59 1.04 -1.05	18.29 1.02 0.00
E_CANADA_MHWK_HY 24050	16.29 -0.16 0.00	17.14 -0.20 0.00	17.52 -0.23 0.00	17.21 -0.19 0.00	15.52 -0.12 0.00	18.28 -0.21 0.00	17.51 -0.14 0.00	18.78 -0.26 0.00	19.51 -0.10 0.00	19.78 -0.05 0.00	20.64 -0.04 0.00	20.68 -0.12 0.00	20.24 -0.19 0.00	20.66 -0.12 0.00	19.71 -0.05 -0.01	22.19 -0.09 0.00	22.11 -0.20 0.00	19.16 -0.07 0.00	20.51 0.03 -0.11	22.56 -0.05 0.00	22.57 -0.14 0.00	19.86 -0.09 0.00	17.51 0.00 -0.01	17.12 -0.14 0.00
E_FISHKILL____LBMP 23776	17.78 1.24 -0.09	18.69 1.25 -0.09	19.26 1.26 -0.26	18.90 1.25 -0.25	17.05 1.15 -0.25	20.09 1.35 -0.24	19.07 1.29 -0.13	20.67 1.44 -0.20	21.34 1.59 -0.12	21.57 1.67 -0.06	22.47 1.75 -0.04	22.74 1.74 -0.21	22.25 1.73 -0.10	22.56 1.77 -0.02	22.11 1.68 -0.68	24.20 1.86 -0.06	24.11 1.79 -0.02	20.77 1.54 0.00	22.06 1.69 -0.01	24.46 1.82 -0.03	24.56 1.79 -0.07	21.50 1.53 -0.02	19.63 1.35 -0.78	18.57 1.31 0.00
FALCON____SEABRD_CC1 323796	16.61 0.16 0.00	17.51 0.17 0.00	17.87 0.12 0.00	17.41 0.01 0.00	15.39 -0.26 0.00	17.94 -0.55 0.00	17.08 -0.58 0.00	18.37 -0.67 0.00	-14.61 -0.96 33.27	-21.18 -0.91 40.11	-21.19 -0.93 40.94	-10.87 -0.94 30.73	-10.94 -0.90 30.47	-21.21 -0.88 41.11	-21.15 -0.79 40.11	-21.25 -0.97 42.57	-17.87 -0.98 39.20	8.53 -0.80 9.89	17.10 -0.64 2.63	21.99 -0.62 0.00	22.30 -0.41 0.00	19.68 -0.26 0.00	17.02 -0.48 0.00	16.43 -0.83 0.00
FALCON____SEABRD_CC2 323797	16.61 0.16 0.00	17.51 0.17 0.00	17.87 0.12 0.00	17.41 0.01 0.00	15.39 -0.26 0.00	17.94 -0.55 0.00	17.08 -0.58 0.00	18.37 -0.67 0.00	-14.61 -0.96 33.27	-21.18 -0.91 40.11	-21.19 -0.93 40.94	-10.87 -0.94 30.73	-10.94 -0.90 30.47	-21.21 -0.88 41.11	-21.15 -0.79 40.11	-21.25 -0.97 42.57	-17.87 -0.98 39.20	8.53 -0.80 9.89	17.10 -0.64 2.63	21.99 -0.62 0.00	22.30 -0.41 0.00	19.68 -0.26 0.00	17.02 -0.48 0.00	16.43 -0.83 0.00
FAR ROCKAWAY____4 23548	18.40 1.86 -0.09	19.28 1.84 -0.10	19.79 1.78 -0.26	19.41 1.75 -0.26	17.57 1.67 -0.26	20.69 1.95 -0.25	19.68 1.89 -0.13	21.34 2.10 -0.21	22.10 2.36 -0.12	24.12 2.52 -1.76	29.91 2.66 -6.57	29.19 2.68 -5.71	43.36 2.65 -20.27	31.77 2.70 -8.30	59.43 2.53 -37.15	80.23 2.79 -55.16	45.02 2.74 -19.97	21.76 2.35 -0.19	23.98 2.54 -1.07	25.38 2.74 -0.03	25.43 2.66 -0.07	41.73 2.37 -19.41	20.27 2.00 -0.77	19.21 1.95 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.08 1.54 -0.09	19.01 1.57 -0.10	19.58 1.58 -0.26	19.22 1.57 -0.26	17.34 1.44 -0.26	20.41 1.67 -0.25	19.38 1.60 -0.13	21.05 1.81 -0.21	21.74 1.99 -0.12	21.99 2.09 -0.06	22.92 2.19 -0.04	23.20 2.19 -0.21	22.70 2.17 -0.10	23.02 2.23 -0.02	22.54 2.12 -0.67	24.71 2.36 -0.06	24.58 2.25 -0.02	21.15 1.92 0.00	22.47 2.09 -0.01	24.91 2.26 -0.03	25.00 2.22 -0.07	21.90 1.93 -0.02	19.95 1.69 -0.77	18.89 1.62 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.09 1.55 -0.09	19.01 1.57 -0.10	19.59 1.59 -0.26	19.23 1.57 -0.26	17.34 1.44 -0.26	20.42 1.68 -0.25	19.38 1.60 -0.13	21.05 1.81 -0.21	21.75 2.00 -0.12	21.99 2.10 -0.06	22.93 2.21 -0.04	23.20 2.19 -0.21	22.70 2.18 -0.10	23.03 2.23 -0.02	22.55 2.13 -0.67	24.71 2.37 -0.06	24.59 2.27 -0.02	21.17 1.94 0.00	22.47 2.10 -0.01	24.91 2.27 -0.03	25.01 2.23 -0.07	21.91 1.94 -0.02	19.96 1.70 -0.77	18.90 1.63 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.06 1.52 -0.09	18.99 1.55 -0.10	19.58 1.57 -0.26	19.21 1.56 -0.26	17.33 1.43 -0.26	20.40 1.66 -0.25	19.36 1.58 -0.13	21.03 1.78 -0.21	21.72 1.98 -0.12	21.97 2.07 -0.06	22.91 2.18 -0.04	23.18 2.17 -0.21	22.67 2.15 -0.10	23.00 2.20 -0.02	22.53 2.10 -0.67	24.68 2.34 -0.06	24.56 2.23 -0.02	21.14 1.91 0.00	22.45 2.07 -0.01	24.88 2.24 -0.03	24.98 2.21 -0.07	21.88 1.91 -0.02	19.94 1.67 -0.77	18.88 1.61 0.00

FARRAGUT___LBMP 323566	18.06 1.52 -0.09	18.99 1.55 -0.10	19.57 1.56 -0.26	19.20 1.54 -0.26	17.32 1.42 -0.26	20.39 1.66 -0.25	19.35 1.57 -0.13	21.02 1.77 -0.21	21.71 1.97 -0.12	21.96 2.06 -0.06	22.89 2.17 -0.04	23.16 2.15 -0.21	22.66 2.14 -0.10	22.99 2.19 -0.02	22.52 2.09 -0.67	24.67 2.33 -0.06	24.54 2.22 -0.02	21.13 1.90 0.00	22.43 2.06 -0.01	24.87 2.23 -0.03	24.96 2.19 -0.07	21.87 1.90 -0.02	19.93 1.67 -0.77	18.87 1.60 0.00
FENNER___WINDPWR 24204	16.61 0.16 0.00	17.49 0.15 0.00	17.86 0.11 0.00	17.50 0.10 0.00	15.74 0.09 0.00	18.60 0.11 0.00	17.79 0.13 0.00	19.20 0.17 0.00	19.85 0.23 0.00	20.06 0.23 0.00	20.89 0.21 0.00	21.00 0.20 0.00	20.62 0.19 0.00	20.98 0.20 0.00	20.05 0.21 -0.09	22.55 0.26 0.00	22.62 0.31 0.00	19.54 0.31 0.00	20.70 0.33 0.00	22.98 0.37 0.00	23.11 0.40 0.00	20.24 0.29 0.00	17.82 0.23 -0.09	17.44 0.18 0.00
FIBERTEK___ENERGY 23856	16.56 -0.03 -0.13	17.48 -0.02 -0.16	18.09 -0.05 -0.39	17.77 -0.02 -0.38	15.98 -0.01 -0.34	18.89 0.03 -0.37	17.87 0.03 -0.19	19.38 0.04 -0.31	19.96 0.08 -0.27	20.11 0.08 -0.19	20.91 0.06 -0.16	21.28 0.09 -0.39	20.72 0.08 -0.21	20.95 0.08 -0.09	20.01 0.06 -0.20	22.52 0.09 -0.13	22.51 0.12 -0.07	19.39 0.14 -0.03	20.46 0.11 0.01	22.78 0.12 -0.05	22.91 0.10 -0.10	20.05 0.07 -0.03	17.75 0.07 -0.18	17.30 0.04 0.00
FITZPATRICK____ 23598	16.09 -0.36 0.00	16.96 -0.38 0.00	17.35 -0.40 0.00	17.02 -0.38 0.00	15.31 -0.34 0.00	18.10 -0.39 0.00	17.29 -0.36 0.00	18.64 -0.40 0.00	19.22 -0.40 0.00	19.44 -0.40 0.00	20.25 -0.43 0.00	20.38 -0.41 0.00	20.02 -0.41 0.00	20.34 -0.43 0.00	19.38 -0.42 -0.05	21.83 -0.46 0.00	21.87 -0.44 0.00	18.87 -0.36 0.00	19.97 -0.40 0.00	22.15 -0.46 0.00	22.23 -0.48 0.00	19.53 -0.42 0.00	17.20 -0.35 -0.05	16.90 -0.36 0.00
FLOWRFLD_69_KV_BK1 356044	18.26 1.72 -0.09	19.12 1.68 -0.10	19.59 1.58 -0.26	19.26 1.61 -0.26	17.45 1.55 -0.26	20.62 1.88 -0.25	19.61 1.83 -0.13	21.35 2.10 -0.21	22.09 2.35 -0.12	24.15 2.54 -1.76	29.85 2.60 -6.57	29.08 2.58 -5.71	43.25 2.54 -20.27	31.66 2.58 -8.30	59.34 2.44 -37.15	80.08 2.64 -55.16	44.92 2.64 -19.97	21.71 2.30 -0.19	23.97 2.53 -1.07	25.31 2.67 -0.03	25.33 2.56 -0.07	41.69 2.34 -19.41	20.23 1.96 -0.77	19.18 1.92 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	17.97 1.43 -0.09	18.89 1.45 -0.09	19.46 1.45 -0.26	19.10 1.45 -0.25	17.23 1.33 -0.25	20.30 1.57 -0.24	19.29 1.51 -0.13	20.93 1.69 -0.20	21.61 1.87 -0.12	21.86 1.96 -0.06	22.78 2.05 -0.04	23.05 2.04 -0.21	22.54 2.02 -0.10	22.85 2.06 -0.02	22.38 1.96 -0.68	24.53 2.19 -0.06	24.44 2.12 -0.02	21.06 1.83 0.00	22.37 2.00 -0.01	24.82 2.17 -0.03	24.91 2.14 -0.07	21.79 1.83 -0.02	19.86 1.59 -0.77	18.79 1.53 0.00
FORT ORANGE____ 23900	17.02 0.57 0.00	17.93 0.58 0.00	18.33 0.57 0.00	18.00 0.60 0.00	16.28 0.59 -0.04	19.14 0.65 0.00	18.29 0.63 0.00	19.69 0.66 0.00	20.39 0.77 0.00	20.64 0.80 0.00	21.54 0.86 0.00	21.59 0.79 0.00	21.25 0.82 0.00	21.62 0.85 0.00	21.33 0.80 -0.79	23.21 0.88 -0.04	23.14 0.83 0.00	20.01 0.79 0.00	21.23 0.86 0.00	23.47 0.86 0.00	23.52 0.81 0.00	20.67 0.72 0.00	19.02 0.67 -0.85	17.90 0.64 0.00
FORT_DRUM_COGEN 23780	16.07 -0.40 -0.01	16.89 -0.45 0.00	17.21 -0.60 -0.06	16.65 -0.81 -0.05	14.83 -0.87 -0.05	17.60 -0.94 -0.05	16.73 -0.95 -0.03	18.08 -1.00 -0.05	19.76 -1.07 -1.20	20.32 -0.95 -1.44	21.27 -0.87 -1.46	20.92 -1.01 -1.14	20.54 -0.96 -1.07	20.96 -0.96 -1.14	20.25 -0.95 -1.46	22.52 -1.25 -1.48	22.04 -1.27 -1.00	18.62 -0.95 -0.35	19.00 -0.95 0.41	21.68 -0.94 -0.01	21.86 -0.86 -0.01	19.10 -0.85 0.00	16.80 -0.75 -0.06	16.41 -0.85 0.00
FPL_FAR_ROCK_GT1 24212	18.30 1.85 0.00	19.17 1.83 0.00	19.52 1.77 0.00	19.15 1.75 0.00	17.35 1.67 -0.04	20.44 1.95 0.00	19.55 1.89 0.00	21.13 2.10 0.00	21.97 2.35 0.00	24.05 2.52 -1.70	29.87 2.66 -6.52	28.97 2.68 -5.49	43.25 2.64 -20.18	31.75 2.70 -8.28	59.40 2.52 -37.13	80.20 2.79 -55.14	45.00 2.74 -19.96	21.76 2.36 -0.18	23.97 2.54 -1.06	25.35 2.74 0.00	25.36 2.66 0.00	41.71 2.37 -19.38	20.20 1.99 -0.70	19.21 1.95 0.00
FPL_FAR_ROCK_GT2 23815	18.30 1.85 0.00	19.17 1.83 0.00	19.52 1.77 0.00	19.15 1.75 0.00	17.35 1.67 -0.04	20.44 1.95 0.00	19.55 1.89 0.00	21.13 2.10 0.00	21.97 2.35 0.00	24.05 2.52 -1.70	29.87 2.66 -6.52	28.97 2.68 -5.49	43.25 2.64 -20.18	31.75 2.70 -8.28	59.40 2.52 -37.13	80.20 2.79 -55.14	45.00 2.74 -19.96	21.76 2.36 -0.18	23.97 2.54 -1.06	25.35 2.74 0.00	25.36 2.66 0.00	41.71 2.37 -19.38	20.20 1.99 -0.70	19.21 1.95 0.00
FRANKLIN_FALL_HYD 24054	16.41 -0.04 0.00	17.31 -0.03 0.00	17.66 -0.09 0.00	17.19 -0.21 0.00	15.25 -0.39 0.00	17.84 -0.65 0.00	17.00 -0.65 0.00	18.34 -0.70 0.00	41.45 -0.91 -22.74	46.39 -0.90 -27.46	47.83 -0.88 -28.03	40.94 -0.90 -21.04	39.85 -0.87 -20.29	42.72 -0.84 -22.78	46.28 -0.82 -27.35	49.91 -0.94 -28.56	41.61 -0.91 -20.21	25.14 -0.81 -6.72	17.16 -0.71 2.50	21.98 -0.63 0.00	22.25 -0.46 0.00	19.59 -0.35 0.00	16.96 -0.54 -0.01	16.48 -0.78 0.00
FREEPORT_EQUS_GT1 23764	18.18 1.72 0.00	19.04 1.69 0.00	19.38 1.63 0.00	19.03 1.63 0.00	17.23 1.55 -0.04	20.34 1.85 0.00	19.43 1.77 0.00	21.04 2.00 0.00	21.86 2.24 0.00	23.96 2.43 -1.70	29.74 2.54 -6.52	28.82 2.53 -5.49	43.10 2.50 -20.18	31.62 2.56 -8.28	59.25 2.37 -37.13	80.06 2.64 -55.14	44.87 2.60 -19.96	21.64 2.24 -0.18	23.85 2.42 -1.06	25.20 2.59 0.00	25.22 2.51 0.00	41.59 2.25 -19.38	20.10 1.90 -0.70	19.14 1.88 0.00
FREEPORT___CT2 23818	18.18 1.72 0.00	19.04 1.69 0.00	19.38 1.63 0.00	19.03 1.63 0.00	17.23 1.55 -0.04	20.34 1.85 0.00	19.43 1.77 0.00	21.04 2.00 0.00	21.86 2.24 0.00	23.96 2.43 -1.70	29.74 2.54 -6.52	28.82 2.53 -5.49	43.10 2.50 -20.18	31.62 2.56 -8.28	59.25 2.37 -37.13	80.06 2.64 -55.14	44.87 2.60 -19.96	21.64 2.24 -0.18	23.85 2.42 -1.06	25.20 2.59 0.00	25.22 2.51 0.00	41.59 2.25 -19.38	20.10 1.90 -0.70	19.14 1.88 0.00
FRESHKLS_33_KV_LOAD 356253	18.09 1.55 -0.09	19.03 1.60 -0.10	19.63 1.62 -0.26	19.27 1.61 -0.26	17.39 1.49 -0.26	20.45 1.72 -0.25	19.43 1.65 -0.13	21.08 1.84 -0.21	21.75 2.01 -0.13	21.99 2.09 -0.06	22.92 2.19 -0.04	23.18 2.17 -0.21	22.67 2.15 -0.10	23.00 2.20 -0.02	22.50 2.07 -0.67	24.66 2.32 -0.06	24.57 2.25 -0.02	21.16 1.93 0.00	22.44 2.07 -0.01	24.86 2.22 -0.03	24.95 2.18 -0.07	21.85 1.88 -0.02	19.92 1.65 -0.77	18.83 1.57 0.00
FULTON COGEN____ 23766	16.21 -0.24 0.00	17.07 -0.26 0.01	17.53 -0.27 -0.05	17.20 -0.25 -0.05	15.47 -0.22 -0.05	18.30 -0.24 -0.05	17.47 -0.21 -0.03	18.85 -0.23 -0.04	19.57 -0.21 -0.17	19.81 -0.21 -0.19	20.64 -0.23 -0.19	20.77 -0.21 -0.17	20.36 -0.22 -0.14	20.64 -0.24 -0.11	19.75 -0.22 -0.23	22.23 -0.24 -0.18	22.18 -0.21 -0.09	19.11 -0.16 -0.04	20.15 -0.18 0.04	22.40 -0.22 -0.01	22.49 -0.24 -0.01	19.72 -0.23 0.00	17.39 -0.18 -0.08	17.06 -0.20 0.00

FULTON___LFGE 323630	17.95 1.49 0.00	18.84 1.50 0.00	19.26 1.51 0.00	18.82 1.42 0.00	16.99 1.30 -0.05	20.01 1.52 0.00	19.19 1.53 0.00	20.69 1.66 0.00	21.53 1.92 0.00	21.62 1.78 0.00	22.56 1.88 0.00	22.64 1.84 0.00	22.06 1.63 0.00	22.57 1.80 0.00	22.41 1.74 -0.93	24.46 2.12 -0.05	24.46 2.15 0.00	21.04 1.81 0.00	22.35 1.99 0.00	24.83 2.22 0.00	24.94 2.23 0.00	21.81 1.86 0.00	20.03 1.54 -1.00	18.73 1.47 0.00
G.F.CEMENT___DRP 24184	17.63 1.03 -0.15	18.47 1.01 -0.11	18.99 1.04 -0.19	18.66 1.07 -0.19	16.86 1.00 -0.21	19.96 1.29 -0.18	18.96 1.20 -0.09	20.42 1.23 -0.16	21.03 1.31 -0.09	21.27 1.39 -0.05	22.15 1.43 -0.04	22.42 1.46 -0.16	21.94 1.43 -0.08	22.25 1.44 -0.03	22.03 1.44 -0.85	23.94 1.59 -0.06	23.83 1.51 -0.01	20.53 1.31 0.00	21.88 1.51 -0.01	24.25 1.62 -0.02	24.34 1.59 -0.05	21.31 1.35 -0.02	19.71 1.28 -0.94	18.50 1.24 0.00
GARDENVILLE___LBMP 24039	12.30 -0.41 3.74	12.91 -0.40 4.03	6.10 -0.43 11.21	6.00 -0.29 11.11	5.91 -0.24 9.50	7.77 -0.18 10.54	11.96 -0.15 5.54	10.02 -0.07 8.94	15.06 -0.03 4.54	18.17 -0.07 1.59	19.66 -0.13 0.89	12.43 0.07 8.43	17.03 0.03 3.43	20.68 -0.09 0.00	19.84 -0.10 -0.19	22.33 -0.04 -0.08	22.47 0.11 -0.05	19.37 0.13 -0.02	20.09 -0.08 0.20	20.96 -0.20 1.45	19.53 -0.24 2.94	18.83 -0.24 0.88	14.40 -0.30 2.79	16.98 -0.28 0.00
GARDNVLA_35_KV_LD 355827	12.93 -0.36 3.16	13.25 -0.35 3.74	8.31 -0.38 9.05	8.18 -0.25 8.97	7.77 -0.20 7.67	9.84 -0.14 8.51	13.08 -0.11 4.47	11.79 -0.02 7.22	16.00 0.03 3.65	18.57 0.00 1.27	19.93 -0.04 0.70	14.14 0.14 6.80	17.76 0.09 2.76	20.75 -0.03 0.00	19.90 -0.04 -0.19	22.39 0.03 -0.08	22.54 0.18 -0.05	19.44 0.20 -0.02	20.19 -0.02 0.16	21.31 -0.13 1.17	20.17 -0.17 2.37	19.07 -0.17 0.71	15.02 -0.24 2.23	17.04 -0.23 0.00
GELCKHM___115KV_LOAD 80723	16.44 -0.11 -0.10	17.28 -0.11 -0.05	17.80 -0.14 -0.20	17.48 -0.11 -0.19	15.72 -0.09 -0.17	18.59 -0.08 -0.18	17.68 -0.07 -0.10	19.11 -0.08 -0.16	19.77 -0.05 -0.19	19.97 -0.04 -0.17	20.78 -0.05 -0.16	21.02 -0.04 -0.25	20.55 -0.04 -0.16	20.83 -0.05 -0.10	19.89 -0.06 -0.20	22.38 -0.04 -0.14	22.36 -0.02 -0.08	19.27 0.01 -0.04	20.33 -0.02 0.02	22.60 -0.04 -0.03	22.70 -0.05 -0.05	19.90 -0.06 -0.02	17.58 -0.04 -0.12	17.19 -0.07 0.00
GENERAL___MILLS 23808	12.78 -0.38 3.29	13.25 -0.36 3.73	7.72 -0.39 9.64	7.60 -0.25 9.55	7.27 -0.20 8.17	9.29 -0.14 9.06	12.78 -0.11 4.76	11.32 -0.03 7.69	15.75 0.02 3.89	18.46 -0.02 1.36	19.86 -0.07 0.75	13.68 0.12 7.24	17.56 0.07 2.94	20.73 -0.04 0.00	19.88 -0.06 -0.19	22.37 0.01 -0.08	22.52 0.16 -0.05	19.42 0.18 -0.02	20.16 -0.04 0.17	21.21 -0.15 1.25	19.99 -0.19 2.53	19.00 -0.20 0.75	14.86 -0.26 2.38	17.03 -0.23 0.00
GE_PLASTICS___DRP 24183	17.19 0.58 -0.16	18.08 0.61 -0.12	18.56 0.60 -0.20	18.21 0.61 -0.20	16.45 0.59 -0.21	19.32 0.64 -0.19	18.38 0.62 -0.10	19.84 0.65 -0.16	20.47 0.75 -0.10	20.67 0.78 -0.05	21.55 0.83 -0.04	21.76 0.79 -0.17	21.31 0.80 -0.08	21.64 0.83 -0.03	21.33 0.78 -0.81	23.21 0.86 -0.06	23.13 0.80 -0.01	19.98 0.75 0.00	21.19 0.82 -0.01	23.46 0.83 -0.03	23.54 0.78 -0.05	20.66 0.70 -0.02	19.04 0.65 -0.89	17.88 0.62 0.00
GILBOA___1 23756	17.15 0.69 0.00	18.11 0.77 0.00	18.53 0.78 0.00	18.19 0.78 0.00	16.38 0.70 -0.03	19.26 0.77 0.00	18.39 0.74 0.00	19.84 0.80 0.00	20.52 0.90 0.00	20.77 0.94 0.00	21.66 0.98 0.00	21.76 0.97 0.00	21.39 0.96 0.00	21.76 0.98 0.00	21.32 0.94 -0.63	23.36 1.04 -0.03	23.31 1.00 0.00	20.10 0.87 0.00	21.32 0.96 0.00	23.61 1.00 0.00	23.67 0.96 0.00	20.80 0.85 0.00	18.94 0.77 -0.68	18.00 0.74 0.00
GILBOA___2 23757	17.15 0.69 0.00	18.11 0.77 0.00	18.53 0.78 0.00	18.19 0.78 0.00	16.38 0.70 -0.03	19.26 0.77 0.00	18.39 0.74 0.00	19.84 0.80 0.00	20.52 0.90 0.00	20.77 0.94 0.00	21.66 0.98 0.00	21.76 0.97 0.00	21.39 0.96 0.00	21.76 0.98 0.00	21.32 0.94 -0.63	23.36 1.04 -0.03	23.31 1.00 0.00	20.10 0.87 0.00	21.32 0.96 0.00	23.61 1.00 0.00	23.67 0.96 0.00	20.80 0.85 0.00	18.94 0.77 -0.68	18.00 0.74 0.00
GILBOA___3 23758	17.15 0.69 0.00	18.11 0.77 0.00	18.53 0.78 0.00	18.19 0.78 0.00	16.38 0.70 -0.03	19.26 0.77 0.00	18.39 0.74 0.00	19.84 0.80 0.00	20.52 0.90 0.00	20.77 0.94 0.00	21.66 0.98 0.00	21.76 0.97 0.00	21.39 0.96 0.00	21.76 0.98 0.00	21.32 0.94 -0.63	23.36 1.04 -0.03	23.31 1.00 0.00	20.10 0.87 0.00	21.32 0.96 0.00	23.61 1.00 0.00	23.67 0.96 0.00	20.80 0.85 0.00	18.94 0.77 -0.68	18.00 0.74 0.00
GILBOA___4 23759	17.15 0.69 0.00	18.11 0.77 0.00	18.53 0.78 0.00	18.19 0.78 0.00	16.38 0.70 -0.03	19.26 0.77 0.00	18.39 0.74 0.00	19.84 0.80 0.00	20.52 0.90 0.00	20.77 0.94 0.00	21.66 0.98 0.00	21.76 0.97 0.00	21.39 0.96 0.00	21.76 0.98 0.00	21.32 0.94 -0.63	23.36 1.04 -0.03	23.31 1.00 0.00	20.10 0.87 0.00	21.32 0.96 0.00	23.61 1.00 0.00	23.67 0.96 0.00	20.80 0.85 0.00	18.94 0.77 -0.68	18.00 0.74 0.00
GILBOA___ 23599	17.24 0.70 -0.09	18.22 0.78 -0.10	18.80 0.78 -0.27	18.45 0.79 -0.27	16.61 0.70 -0.26	19.52 0.77 -0.26	18.53 0.74 -0.13	20.06 0.81 -0.22	20.65 0.91 -0.13	20.84 0.94 -0.06	21.70 0.98 -0.05	21.99 0.97 -0.22	21.49 0.96 -0.10	21.77 0.98 -0.02	21.34 0.94 -0.65	23.38 1.04 -0.06	23.32 1.00 -0.02	20.10 0.87 0.00	21.33 0.96 -0.01	23.64 1.00 -0.04	23.74 0.96 -0.07	20.82 0.85 -0.02	19.01 0.77 -0.75	18.00 0.74 0.00
GINNA___ 23603	16.32 -0.13 0.00	17.21 -0.13 0.00	17.58 -0.17 0.00	17.27 -0.13 0.00	15.55 -0.10 0.00	18.45 -0.05 0.00	17.65 0.00 0.00	19.09 0.06 0.00	19.75 0.13 0.00	19.99 0.15 0.00	20.79 0.10 0.00	21.00 0.20 0.00	20.58 0.15 0.00	20.86 0.08 0.00	19.88 0.05 -0.09	22.42 0.13 0.00	22.52 0.21 0.00	19.43 0.21 0.00	20.48 0.11 0.00	22.65 0.05 0.00	22.73 0.02 0.00	19.95 0.01 0.00	17.54 -0.05 -0.09	17.21 -0.05 0.00
GLEN PARK___ 23778	16.08 -0.37 0.00	16.90 -0.44 0.00	17.17 -0.58 0.00	16.62 -0.78 0.00	14.82 -0.83 0.00	17.59 -0.90 0.00	16.75 -0.90 0.00	18.09 -0.94 0.00	19.73 -1.01 -1.12	20.31 -0.89 -1.35	21.25 -0.82 -1.38	20.88 -0.96 -1.04	20.56 -0.90 -1.03	21.27 -0.90 -1.39	20.23 -0.91 -1.40	22.53 -1.19 -1.44	22.43 -1.21 -1.33	18.68 -0.88 -0.33	19.09 -0.88 0.39	21.76 -0.85 0.00	21.94 -0.77 0.00	19.17 -0.77 0.00	16.85 -0.69 -0.04	16.46 -0.79 0.00
GLENDALE_27_KV_LOAD 356172	18.18 1.64 -0.09	19.11 1.67 -0.10	19.69 1.68 -0.26	19.32 1.66 -0.26	17.42 1.52 -0.26	20.52 1.78 -0.25	19.49 1.71 -0.13	21.17 1.92 -0.21	21.87 2.12 -0.13	22.13 2.23 -0.06	23.06 2.34 -0.04	23.34 2.33 -0.21	22.83 2.31 -0.10	23.15 2.36 -0.02	22.67 2.25 -0.67	24.84 2.50 -0.06	24.74 2.41 -0.02	21.29 2.07 0.00	22.60 2.23 -0.01	25.06 2.42 -0.03	25.16 2.38 -0.07	22.03 2.07 -0.02	20.06 1.80 -0.77	18.99 1.73 0.00

GLENWOOD_IC_1_G5 23712	18.17 1.63 -0.09	19.07 1.63 -0.10	19.60 1.59 -0.26	19.25 1.59 -0.26	17.39 1.49 -0.26	20.50 1.76 -0.25	19.47 1.69 -0.13	21.15 1.91 -0.21	21.87 2.13 -0.12	23.87 2.27 -1.76	29.64 2.39 -6.57	28.89 2.39 -5.71	43.07 2.36 -20.27	31.49 2.42 -8.30	59.18 2.28 -37.15	79.96 2.52 -55.16	44.74 2.46 -19.97	21.51 2.10 -0.19	23.73 2.29 -1.07	25.11 2.46 -0.03	25.17 2.40 -0.07	41.47 2.11 -19.41	20.06 1.79 -0.77	19.01 1.75 0.00
GLENWOOD_IC_2_G1 23688	18.00 1.55 0.00	18.89 1.54 0.00	19.28 1.53 0.00	18.93 1.52 0.00	17.11 1.43 -0.04	20.17 1.68 0.00	19.26 1.61 0.00	20.84 1.81 0.00	21.62 2.00 0.00	23.68 2.14 -1.70	29.47 2.26 -6.52	28.54 2.25 -5.49	42.83 2.23 -20.18	31.34 2.28 -8.28	59.04 2.16 -37.13	79.80 2.39 -55.14	44.59 2.32 -19.96	21.40 1.99 -0.18	23.59 2.16 -1.06	24.94 2.33 0.00	24.98 2.28 0.00	41.33 1.99 -19.38	19.91 1.71 -0.70	18.92 1.66 0.00
GLENWOOD_IC_3_G1 23689	18.00 1.55 0.00	18.89 1.54 0.00	19.28 1.53 0.00	18.93 1.52 0.00	17.11 1.43 -0.04	20.17 1.68 0.00	19.26 1.61 0.00	20.84 1.81 0.00	21.62 2.00 0.00	23.68 2.14 -1.70	29.47 2.26 -6.52	28.54 2.25 -5.49	42.83 2.23 -20.18	31.34 2.28 -8.28	59.04 2.16 -37.13	79.80 2.39 -55.14	44.59 2.32 -19.96	21.40 1.99 -0.18	23.59 2.16 -1.06	24.94 2.33 0.00	24.98 2.28 0.00	41.33 1.99 -19.38	19.91 1.71 -0.70	18.92 1.66 0.00
GLENWOOD___4 23550	18.17 1.63 -0.09	19.07 1.63 -0.10	19.60 1.59 -0.26	19.25 1.59 -0.26	17.39 1.49 -0.26	20.50 1.76 -0.25	19.47 1.69 -0.13	21.15 1.91 -0.21	21.87 2.13 -0.12	23.87 2.27 -1.76	29.64 2.39 -6.57	28.89 2.39 -5.71	43.07 2.36 -20.27	31.49 2.42 -8.30	59.18 2.28 -37.15	79.96 2.52 -55.16	44.74 2.46 -19.97	21.51 2.10 -0.19	23.73 2.29 -1.07	25.11 2.46 -0.03	25.17 2.40 -0.07	41.47 2.11 -19.41	20.06 1.79 -0.77	19.01 1.75 0.00
GLENWOOD___5 23614	18.17 1.63 -0.09	19.07 1.63 -0.10	19.60 1.59 -0.26	19.25 1.59 -0.26	17.39 1.49 -0.26	20.50 1.76 -0.25	19.47 1.69 -0.13	21.15 1.91 -0.21	21.87 2.13 -0.12	23.87 2.27 -1.76	29.64 2.39 -6.57	28.89 2.39 -5.71	43.07 2.36 -20.27	31.49 2.42 -8.30	59.18 2.28 -37.15	79.96 2.52 -55.16	44.74 2.46 -19.97	21.51 2.10 -0.19	23.73 2.29 -1.07	25.11 2.46 -0.03	25.17 2.40 -0.07	41.47 2.11 -19.41	20.06 1.79 -0.77	19.01 1.75 0.00
GLOBAL GREEN_PORT_GT1 23814	18.40 1.95 0.00	19.25 1.90 0.00	19.57 1.82 0.00	19.26 1.86 0.00	17.51 1.83 -0.04	20.70 2.21 0.00	19.82 2.17 0.00	21.52 2.49 0.00	22.32 2.71 0.00	24.52 2.98 -1.70	30.28 3.08 -6.52	29.34 3.05 -5.49	43.57 2.97 -20.18	32.10 3.04 -8.28	59.72 2.85 -37.13	79.80 2.38 -55.14	45.12 2.86 -19.96	22.18 2.77 -0.18	24.47 3.04 -1.06	25.85 3.24 0.00	25.79 3.08 0.00	42.12 2.78 -19.38	20.51 2.30 -0.70	19.50 2.24 0.00
GLOBE___DSASP 323697	13.10 -0.87 2.48	13.72 -0.89 2.73	9.42 -0.94 7.39	9.26 -0.82 7.32	8.68 -0.71 6.26	10.82 -0.73 6.94	13.32 -0.68 3.65	12.50 -0.64 5.89	15.96 -0.69 2.97	18.04 -0.77 1.02	19.27 -0.85 0.56	14.60 -0.66 5.53	17.51 -0.68 2.24	19.86 -0.93 -0.02	18.97 -0.96 -0.18	21.38 -0.98 -0.08	21.54 -0.82 -0.05	18.57 -0.67 -0.02	19.24 -1.00 0.13	20.39 -1.26 0.96	19.46 -1.31 1.93	18.19 -1.18 0.58	14.58 -1.12 1.80	16.28 -0.98 0.00
GOETHSLN___LBMP 323567	17.99 1.45 -0.09	18.90 1.46 -0.10	19.49 1.48 -0.26	19.13 1.47 -0.26	17.26 1.35 -0.26	20.31 1.57 -0.25	19.28 1.49 -0.13	20.93 1.69 -0.21	21.61 1.87 -0.12	21.85 1.95 -0.06	22.77 2.04 -0.04	23.04 2.03 -0.21	22.54 2.01 -0.10	22.87 2.07 -0.02	22.40 1.97 -0.67	24.53 2.19 -0.06	24.41 2.09 -0.02	21.02 1.80 0.00	22.33 1.96 -0.01	24.75 2.11 -0.03	24.86 2.08 -0.07	21.78 1.81 -0.02	19.85 1.58 -0.77	18.79 1.53 0.00
GOLAH___69_KV_TB 1_2 80279	15.95 -0.05 0.46	16.65 -0.04 0.66	16.52 -0.07 1.16	16.25 0.00 1.15	14.69 0.02 0.97	17.53 0.12 1.08	17.24 0.15 0.57	18.36 0.24 0.92	19.53 0.32 0.41	20.07 0.33 0.09	20.93 0.27 0.02	20.37 0.39 0.82	20.45 0.33 0.30	21.06 0.23 -0.05	20.07 0.15 -0.17	22.61 0.24 -0.08	22.76 0.40 -0.05	19.68 0.43 -0.02	20.66 0.33 0.03	22.73 0.27 0.15	22.64 0.23 0.30	20.04 0.19 0.09	17.38 0.09 0.20	17.36 0.10 0.00
GOODYEAR_LAKE_HYD 323669	17.47 0.84 -0.18	18.43 0.89 -0.19	19.17 0.88 -0.54	18.81 0.87 -0.54	16.88 0.77 -0.47	19.94 0.94 -0.51	18.84 0.92 -0.27	20.54 1.07 -0.43	21.04 1.17 -0.25	21.14 1.19 -0.12	21.98 1.22 -0.08	22.46 1.23 -0.44	21.82 1.20 -0.19	22.02 1.21 -0.03	21.13 1.15 -0.24	23.65 1.31 -0.05	23.68 1.35 -0.03	20.39 1.16 -0.01	21.61 1.23 -0.01	24.06 1.38 -0.07	24.22 1.37 -0.14	21.16 1.17 -0.04	18.84 0.99 -0.35	18.19 0.93 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	17.15 0.35 -0.34	18.10 0.40 -0.36	19.17 0.39 -1.03	18.88 0.46 -1.02	16.95 0.42 -0.88	19.98 0.52 -0.97	18.65 0.49 -0.51	20.42 0.57 -0.82	20.70 0.61 -0.47	20.68 0.63 -0.21	21.46 0.63 -0.15	22.29 0.67 -0.83	21.43 0.64 -0.36	21.47 0.64 -0.05	20.64 0.61 -0.28	23.05 0.69 -0.08	23.04 0.69 -0.05	19.85 0.62 -0.02	21.02 0.64 -0.01	23.45 0.72 -0.13	23.65 0.67 -0.27	20.60 0.58 -0.08	18.54 0.54 -0.50	17.71 0.45 0.00
GOUDEY___7 23579	17.16 0.37 -0.34	18.11 0.41 -0.36	19.19 0.41 -1.03	18.89 0.47 -1.02	16.96 0.43 -0.88	19.99 0.54 -0.97	18.67 0.50 -0.51	20.44 0.58 -0.82	20.72 0.62 -0.47	20.70 0.65 -0.21	21.48 0.64 -0.15	22.31 0.68 -0.83	21.45 0.66 -0.36	21.49 0.66 -0.05	20.66 0.63 -0.28	23.07 0.71 -0.08	23.06 0.71 -0.05	19.87 0.63 -0.02	21.04 0.66 -0.01	23.48 0.73 -0.13	23.67 0.69 -0.27	20.62 0.59 -0.08	18.56 0.56 -0.50	17.73 0.47 0.00
GOUDEY___8 23580	17.15 0.35 -0.34	18.10 0.40 -0.36	19.17 0.39 -1.03	18.88 0.46 -1.02	16.95 0.42 -0.88	19.98 0.52 -0.97	18.65 0.49 -0.51	20.42 0.57 -0.82	20.70 0.61 -0.47	20.68 0.63 -0.21	21.46 0.63 -0.15	22.29 0.67 -0.83	21.43 0.64 -0.36	21.47 0.64 -0.05	20.64 0.61 -0.28	23.05 0.69 -0.08	23.04 0.69 -0.05	19.85 0.62 -0.02	21.02 0.64 -0.01	23.45 0.72 -0.13	23.65 0.67 -0.27	20.60 0.58 -0.08	18.54 0.54 -0.50	17.71 0.45 0.00
GOWANUS_GT1_1 24077	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT1_2 24078	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00

GOWANUS_GT1_3 24079	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT1_4 24080	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT1_5 24084	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT1_6 24111	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT1_7 24112	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT1_8 24113	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT2_1 24114	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT2_2 24115	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT2_3 24116	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT2_4 24117	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT2_5 24118	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT2_6 24119	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT2_7 24120	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT2_8 24121	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT3_1 24122	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00

GOWANUS_GT3_2 24123	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT3_3 24124	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT3_4 24125	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT3_5 24126	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT3_6 24127	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT3_7 24128	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT3_8 24129	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT4_1 24130	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT4_2 24131	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT4_3 24132	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT4_4 24133	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT4_5 24134	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT4_6 24135	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT4_7 24136	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
GOWANUS_GT4_8 24137	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00

GREENBSH_115KV_TB3 55895	17.13 0.52 -0.15	18.01 0.54 -0.12	18.48 0.53 -0.20	18.14 0.54 -0.20	16.39 0.54 -0.21	19.24 0.57 -0.19	18.31 0.55 -0.10	19.76 0.57 -0.16	20.39 0.68 -0.10	20.59 0.70 -0.05	21.48 0.76 -0.04	21.67 0.71 -0.17	21.24 0.73 -0.08	21.57 0.76 -0.03	21.28 0.72 -0.81	23.13 0.78 -0.06	23.04 0.72 -0.01	19.91 0.69 0.00	21.13 0.76 -0.01	23.38 0.74 -0.03	23.45 0.69 -0.05	20.58 0.62 -0.02	18.99 0.59 -0.90	17.82 0.56 0.00
GREENDGE_115KV_TB5 80291	21.10 0.12 -4.53	22.67 0.15 -5.18	31.04 0.15 -13.14	30.66 0.24 -13.02	27.02 0.23 -11.15	31.16 0.31 -12.36	24.48 0.33 -6.49	29.88 0.36 -10.48	25.50 0.43 -5.46	22.32 0.45 -2.03	22.31 0.42 -1.21	31.24 0.44 -10.01	25.04 0.46 -4.15	21.35 0.44 -0.14	20.41 0.45 -0.22	22.94 0.56 -0.09	22.99 0.63 -0.05	19.81 0.57 -0.02	21.17 0.58 -0.22	24.96 0.64 -1.71	26.75 0.60 -3.45	21.50 0.52 -1.03	21.50 0.41 -3.60	17.58 0.31 0.00
GREENIDGE___3 23582	21.10 0.12 -4.53	22.67 0.15 -5.18	31.04 0.15 -13.14	30.66 0.24 -13.02	27.02 0.23 -11.15	31.16 0.31 -12.36	24.48 0.33 -6.49	29.88 0.36 -10.48	25.50 0.43 -5.46	22.32 0.45 -2.03	22.31 0.42 -1.21	31.24 0.44 -10.01	25.04 0.46 -4.15	21.35 0.44 -0.14	20.41 0.45 -0.22	22.94 0.56 -0.09	22.99 0.63 -0.05	19.81 0.57 -0.02	21.17 0.58 -0.22	24.96 0.64 -1.71	26.75 0.60 -3.45	21.50 0.52 -1.03	21.50 0.41 -3.60	17.58 0.31 0.00
GREENIDGE___4 23583	27.66 0.13 -11.08	30.26 0.16 -12.76	31.05 0.16 -13.14	30.66 0.24 -13.02	27.02 0.22 -11.15	31.15 0.30 -12.37	24.47 0.32 -6.49	29.88 0.36 -10.48	25.46 0.44 -5.40	22.24 0.46 -1.95	22.23 0.42 -1.13	31.18 0.44 -9.95	25.13 0.46 -4.24	22.66 0.44 -1.45	20.33 0.45 -0.14	22.86 0.56 -0.01	22.94 0.63 0.00	19.78 0.56 0.00	21.18 0.58 -0.23	24.96 0.64 -1.71	26.78 0.60 -3.48	21.50 0.52 -1.03	21.49 0.41 -3.58	17.58 0.31 0.00
GREENLWN_69_KV_BK 3 55738	18.21 1.67 -0.09	19.07 1.64 -0.10	19.56 1.55 -0.26	19.20 1.55 -0.26	17.39 1.49 -0.26	20.51 1.77 -0.25	19.51 1.72 -0.13	21.18 1.94 -0.21	21.96 2.21 -0.12	23.97 2.36 -1.76	29.71 2.45 -6.57	28.94 2.44 -5.71	43.11 2.41 -20.27	31.50 2.43 -8.30	59.20 2.30 -37.15	79.94 2.50 -55.16	44.75 2.47 -19.97	21.54 2.13 -0.19	23.77 2.34 -1.07	25.12 2.48 -0.03	25.15 2.38 -0.07	41.53 2.18 -19.41	20.09 1.83 -0.77	19.06 1.80 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	18.16 1.62 -0.09	19.09 1.66 -0.10	19.67 1.66 -0.26	19.31 1.65 -0.26	17.42 1.52 -0.26	20.51 1.77 -0.25	19.48 1.69 -0.13	21.15 1.91 -0.21	21.84 2.09 -0.13	22.09 2.19 -0.06	23.02 2.30 -0.04	23.30 2.29 -0.21	22.79 2.27 -0.10	23.12 2.32 -0.02	22.63 2.20 -0.67	24.80 2.45 -0.06	24.70 2.37 -0.02	21.26 2.04 0.00	22.57 2.38 -0.01	25.02 2.38 -0.03	25.12 2.35 -0.07	22.00 2.03 -0.02	20.04 1.78 -0.77	18.99 1.73 0.00
GRISSOM___SOLAR 323813	17.95 1.49 0.00	18.84 1.50 0.00	19.26 1.51 0.00	18.82 1.42 0.00	16.99 1.30 -0.05	20.01 1.52 0.00	19.19 1.53 0.00	20.69 1.66 0.00	21.53 1.92 0.00	21.62 1.78 0.00	22.56 1.88 0.00	22.64 1.84 0.00	22.06 1.63 0.00	22.57 1.80 0.00	22.41 1.74 -0.93	24.46 2.12 -0.05	24.46 2.15 0.00	21.04 1.81 0.00	22.35 1.99 0.00	24.83 2.22 0.00	24.94 2.23 0.00	21.81 1.86 0.00	20.03 1.54 -1.00	18.73 1.47 0.00
GROVEVILLE___HYD 323602	17.97 1.43 -0.09	18.89 1.45 -0.09	19.46 1.45 -0.26	19.10 1.45 -0.25	17.23 1.33 -0.25	20.30 1.57 -0.24	19.29 1.51 -0.13	20.93 1.69 -0.20	21.61 1.87 -0.12	21.86 1.96 -0.06	22.78 2.05 -0.04	23.05 2.04 -0.21	22.54 2.02 -0.10	22.85 2.06 -0.02	22.38 1.96 -0.68	24.53 2.19 -0.06	24.44 2.12 -0.02	21.06 1.83 0.00	22.37 2.00 -0.01	24.82 2.17 -0.03	24.91 2.14 -0.07	21.79 1.83 -0.02	19.86 1.59 -0.77	18.79 1.53 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	16.56 -0.03 -0.13	17.48 -0.02 -0.16	18.09 -0.05 -0.39	17.77 -0.02 -0.38	15.98 -0.01 -0.34	18.89 0.03 -0.37	17.87 0.03 -0.19	19.38 0.04 -0.31	19.96 0.08 -0.27	20.11 0.08 -0.19	20.91 0.06 -0.16	21.28 0.09 -0.39	20.72 0.08 -0.21	20.95 0.08 -0.09	20.01 0.06 -0.20	22.52 0.09 -0.13	22.51 0.12 -0.07	19.39 0.14 -0.03	20.46 0.11 0.01	22.78 0.12 -0.05	22.91 0.10 -0.10	20.05 0.07 -0.03	17.75 0.07 -0.18	17.30 0.04 0.00
HAMLTNNY_34_KV_TB 80303	16.66 0.04 -0.17	17.61 0.05 -0.22	18.24 0.00 -0.48	17.93 0.05 -0.48	16.12 0.06 -0.42	19.07 0.13 -0.45	18.00 0.10 -0.24	19.56 0.14 -0.38	20.11 0.20 -0.29	20.23 0.21 -0.18	21.02 0.18 -0.16	21.46 0.21 -0.45	20.85 0.19 -0.23	21.06 0.21 -0.08	20.10 0.16 -0.19	22.64 0.23 -0.12	22.65 0.27 -0.07	19.51 0.26 -0.03	20.58 0.22 0.01	22.92 0.25 -0.06	23.07 0.23 -0.13	20.18 0.19 -0.04	17.88 0.17 -0.21	17.39 0.13 0.00
HAMPSHIRE___PAPER_HYD 323593	15.87 -0.58 0.00	16.73 -0.62 0.00	17.07 -0.69 0.00	16.60 -0.81 0.00	14.83 -0.81 0.00	17.52 -0.97 0.00	16.69 -0.96 0.00	18.00 -1.04 0.00	22.66 -1.21 -4.25	23.82 -1.15 -5.14	24.86 -1.07 -5.25	23.61 -1.13 -3.94	23.24 -1.10 -3.90	24.94 -1.10 -5.27	23.86 -1.04 -5.16	26.46 -1.28 -5.45	26.04 -1.30 -5.02	19.39 -1.10 -1.27	17.58 -1.13 1.65	21.47 -1.14 0.00	21.63 -1.08 0.00	18.98 -0.97 0.00	16.60 -0.91 -0.02	16.32 -0.95 0.00
HARDSCRABBLE_WT_PWR 323673	16.17 -0.29 0.00	17.00 -0.34 0.00	17.36 -0.39 0.00	17.05 -0.35 0.00	15.36 -0.28 0.00	18.11 -0.38 0.00	17.33 -0.33 0.00	18.60 -0.44 0.00	19.30 -0.32 0.00	19.56 -0.27 0.00	20.41 -0.28 0.00	20.45 -0.34 0.00	20.05 -0.38 0.00	20.46 -0.32 0.00	19.51 -0.24 -0.01	21.96 -0.32 0.00	21.90 -0.40 0.00	18.96 -0.26 0.00	20.28 -0.20 -0.11	22.35 -0.26 0.00	22.38 -0.32 0.00	19.72 -0.23 0.00	17.37 -0.14 -0.01	16.98 -0.28 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	17.88 1.34 -0.09	18.80 1.35 -0.10	19.38 1.36 -0.27	19.02 1.36 -0.27	17.16 1.26 -0.26	20.20 1.45 -0.26	19.19 1.40 -0.13	20.80 1.55 -0.21	21.47 1.73 -0.13	21.70 1.80 -0.06	22.60 1.88 -0.05	22.88 1.86 -0.22	22.38 1.85 -0.10	22.69 1.89 -0.02	22.19 1.79 -0.66	24.33 1.99 -0.06	24.25 1.93 -0.02	20.88 1.65 0.00	22.19 1.82 -0.01	24.64 1.99 -0.04	24.75 1.98 -0.07	21.65 1.68 -0.02	19.71 1.46 -0.75	18.68 1.41 0.00
HARSNRAD_115KV_TB1 81005	13.32 -0.61 2.52	13.98 -0.61 2.75	9.66 -0.66 7.44	9.49 -0.54 7.37	8.89 -0.46 6.30	11.06 -0.44 6.99	13.58 -0.40 3.67	12.77 -0.33 5.93	16.32 -0.31 2.99	18.39 -0.42 1.03	19.63 -0.48 0.56	15.03 -0.20 5.57	17.91 -0.26 2.26	20.40 -0.39 -0.01	19.51 -0.42 -0.18	21.93 -0.43 -0.08	22.09 -0.27 -0.05	19.06 -0.19 -0.02	19.77 -0.46 0.14	21.01 -0.64 0.96	20.09 -0.67 1.95	18.74 -0.63 0.58	15.05 -0.63 1.82	16.70 -0.56 0.00
HARZA MOOSE___RIVER 24016	16.41 -0.08 -0.04	17.28 -0.08 -0.02	17.65 -0.17 -0.07	17.15 -0.32 -0.07	15.36 -0.35 -0.06	18.14 -0.42 -0.07	17.27 -0.42 -0.04	18.62 -0.48 -0.06	20.00 -0.47 -0.85	20.47 -0.38 -1.01	21.41 -0.30 -1.02	21.26 -0.35 -0.82	20.84 -0.34 -0.76	21.19 -0.38 -0.79	20.44 -0.32 -1.02	22.80 -0.52 -1.04	22.42 -0.58 -0.69	19.05 -0.42 -0.24	19.73 -0.41 0.23	22.20 -0.42 -0.01	22.34 -0.39 -0.02	19.55 -0.40 -0.01	17.19 -0.35 -0.05	16.86 -0.40 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	16.44 -0.08 -0.06	17.30 -0.09 -0.04	17.79 -0.10 -0.14	17.47 -0.07 -0.14	15.71 -0.06 -0.12	18.58 -0.04 -0.13	17.70 -0.03 -0.07	19.12 -0.02 -0.11	19.80 0.00 -0.18	20.01 0.02 -0.16	20.83 -0.01 -0.16	21.03 0.01 -0.21	20.59 0.02 -0.15	20.88 0.00 -0.10	19.96 0.00 -0.21	22.45 0.01 -0.15	22.43 0.04 -0.08	19.31 0.06 -0.04	20.39 0.04 0.02	22.65 0.02 -0.02	22.74 0.00 -0.04	19.95 -0.01 -0.01	17.61 0.00 -0.11	17.23 -0.03 0.00
HELLGATE_13_KV_LD 55870	18.12 1.57 -0.09	19.04 1.60 -0.10	19.63 1.62 -0.26	19.26 1.60 -0.26	17.37 1.47 -0.26	20.45 1.72 -0.25	19.43 1.64 -0.13	21.09 1.85 -0.21	21.79 2.05 -0.13	22.04 2.14 -0.06	22.96 2.24 -0.04	23.24 2.23 -0.21	22.74 2.21 -0.10	23.05 2.26 -0.02	22.57 2.15 -0.67	24.73 2.39 -0.06	24.63 2.30 -0.02	21.20 1.97 0.00	22.50 2.13 -0.01	24.95 2.31 -0.03	25.04 2.27 -0.07	21.94 1.97 -0.02	19.98 1.71 -0.77	18.91 1.65 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.12 1.57 -0.09	19.04 1.60 -0.10	19.63 1.62 -0.26	19.26 1.60 -0.26	17.37 1.47 -0.26	20.45 1.72 -0.25	19.43 1.64 -0.13	21.09 1.85 -0.21	21.79 2.05 -0.13	22.04 2.14 -0.06	22.96 2.24 -0.04	23.24 2.23 -0.21	22.74 2.21 -0.10	23.05 2.26 -0.02	22.57 2.15 -0.67	24.73 2.39 -0.06	24.63 2.30 -0.02	21.20 1.97 0.00	22.50 2.13 -0.01	24.95 2.31 -0.03	25.04 2.27 -0.07	21.94 1.97 -0.02	19.98 1.71 -0.77	18.91 1.65 0.00
HEMPSTEAD____ 23647	18.08 1.63 0.00	18.94 1.60 0.00	19.30 1.55 0.00	18.95 1.55 0.00	17.15 1.47 -0.04	20.24 1.75 0.00	19.34 1.68 0.00	20.94 1.91 0.00	21.75 2.13 0.00	23.84 2.30 -1.70	29.61 2.41 -6.52	28.69 2.41 -5.49	42.98 2.37 -20.18	31.48 2.43 -8.28	59.16 2.28 -37.13	79.93 2.51 -55.14	44.73 2.47 -19.96	21.52 2.12 -0.18	23.73 2.30 -1.06	25.07 2.46 0.00	25.09 2.38 0.00	41.46 2.13 -19.38	20.00 1.80 -0.70	19.03 1.77 0.00
HEWLETT__69_KV_BK3 55828	18.33 1.79 -0.09	19.21 1.77 -0.10	19.72 1.71 -0.26	19.35 1.69 -0.26	17.51 1.61 -0.26	20.62 1.88 -0.25	19.61 1.82 -0.13	21.26 2.02 -0.21	22.02 2.27 -0.12	24.03 2.43 -1.76	29.82 2.57 -6.57	29.09 2.58 -5.71	43.26 2.55 -20.27	31.68 2.60 -8.30	59.34 2.44 -37.15	80.12 2.68 -55.16	44.91 2.63 -19.97	21.66 2.25 -0.19	23.89 2.45 -1.07	25.27 2.63 -0.03	25.32 2.55 -0.07	41.63 2.28 -19.41	20.18 1.92 -0.77	19.14 1.88 0.00
HICKLING___1 23621	18.05 0.18 -1.41	19.16 0.22 -1.60	22.11 0.23 -4.12	21.89 0.40 -4.08	19.49 0.34 -3.51	22.89 0.52 -3.88	20.15 0.46 -2.04	22.93 0.60 -3.29	21.98 0.62 -1.75	21.15 0.63 -0.68	21.72 0.62 -0.43	24.65 0.68 -3.17	22.46 0.65 -1.38	21.51 0.66 -0.08	20.69 0.70 -0.24	23.19 0.82 -0.08	23.20 0.85 -0.05	19.99 0.74 -0.02	21.23 0.79 -0.08	24.08 0.89 -0.58	24.64 0.81 -1.12	20.99 0.73 -0.32	19.63 0.66 -1.48	17.75 0.49 0.00
HICKLING___2 23622	18.05 0.18 -1.41	19.16 0.22 -1.60	22.11 0.23 -4.12	21.89 0.40 -4.08	19.49 0.34 -3.51	22.89 0.52 -3.88	20.15 0.46 -2.04	22.93 0.60 -3.29	21.98 0.62 -1.75	21.15 0.63 -0.68	21.72 0.62 -0.43	24.65 0.68 -3.17	22.46 0.65 -1.38	21.51 0.66 -0.08	20.69 0.70 -0.24	23.19 0.82 -0.08	23.20 0.85 -0.05	19.99 0.74 -0.02	21.23 0.79 -0.08	24.08 0.89 -0.58	24.64 0.81 -1.12	20.99 0.73 -0.32	19.63 0.66 -1.48	17.75 0.49 0.00
HIGH FALLS___HY 23754	18.13 1.59 -0.09	19.04 1.60 -0.09	19.62 1.62 -0.26	19.23 1.57 -0.25	17.36 1.46 -0.25	20.39 1.65 -0.24	19.41 1.63 -0.13	21.02 1.78 -0.20	21.75 2.01 -0.12	21.98 2.09 -0.06	22.92 2.19 -0.04	23.19 2.18 -0.21	22.66 2.14 -0.10	22.98 2.19 -0.02	22.52 2.09 -0.69	24.65 2.31 -0.06	24.59 2.27 -0.02	21.17 1.94 0.00	22.50 2.12 -0.01	24.99 2.34 -0.03	25.09 2.31 -0.07	21.93 1.96 -0.02	19.96 1.68 -0.78	18.85 1.59 0.00
HILLBURN___GT 23639	17.80 1.35 0.00	18.70 1.36 0.00	19.12 1.37 0.00	18.76 1.36 0.00	16.95 1.27 -0.04	19.94 1.45 0.00	19.06 1.40 0.00	20.58 1.54 0.00	21.35 1.73 0.00	21.62 1.79 0.00	22.55 1.87 0.00	22.64 1.85 0.00	22.25 1.83 0.00	22.66 1.88 0.00	22.16 1.77 -0.64	24.29 1.98 -0.03	24.21 1.90 0.00	20.86 1.64 0.00	22.16 1.79 0.00	24.58 1.97 0.00	24.66 1.95 0.00	21.61 1.66 0.00	19.63 1.45 -0.69	18.66 1.40 0.00
HILLSIDE_115KV_TB1 80332	17.85 0.13 -1.27	19.02 0.18 -1.50	21.58 0.18 -3.65	21.35 0.33 -3.62	19.05 0.30 -3.11	22.32 0.40 -3.43	19.81 0.36 -1.80	22.39 0.44 -2.91	21.63 0.45 -1.56	20.91 0.46 -0.61	21.51 0.44 -0.38	24.12 0.50 -2.82	22.08 0.46 -1.20	21.32 0.47 -0.08	20.48 0.48 -0.25	22.91 0.55 -0.08	22.91 0.55 -0.05	19.73 0.49 -0.02	20.95 0.52 -0.06	23.69 0.60 -0.48	24.20 0.53 -0.96	20.70 0.46 -0.28	19.15 0.47 -1.18	17.57 0.31 0.00
HISHELDN_WT_PWR 323625	-5.28 -0.60 21.14	-7.57 -0.58 24.34	-7.88 -0.56 25.07	-7.84 -0.40 24.83	-5.99 -0.39 21.25	-5.46 -0.37 23.59	4.93 -0.35 12.38	-1.23 -0.27 19.99	9.12 -0.22 10.28	15.83 -0.30 3.72	18.17 -0.36 2.15	1.61 -0.22 18.97	12.12 -0.24 8.07	17.67 -0.34 2.76	19.63 -0.25 -0.13	22.14 -0.15 -0.01	22.24 -0.07 0.00	19.18 -0.05 0.00	19.75 -0.18 0.43	19.12 -0.24 3.24	15.88 -0.27 6.56	17.75 -0.24 1.96	10.82 -0.29 6.38	16.92 -0.34 0.00
HOLTSVILLE_IC_1 23690	18.09 1.63 0.00	18.92 1.58 0.00	19.24 1.50 0.00	18.92 1.52 0.00	17.17 1.49 -0.04	20.27 1.78 0.00	19.39 1.74 0.00	21.01 1.97 0.00	21.80 2.19 0.00	23.92 2.38 -1.70	29.64 2.44 -6.52	28.70 2.41 -5.49	42.98 2.37 -20.18	31.47 2.42 -8.28	59.16 2.28 -37.13	79.87 2.45 -55.14	44.72 2.46 -19.96	21.55 2.14 -0.18	23.78 2.36 -1.06	25.09 2.48 0.00	25.07 2.37 0.00	41.52 2.19 -19.38	20.03 1.83 -0.70	19.08 1.81 0.00
HOLTSVILLE_IC_10 23699	18.14 1.68 0.00	18.97 1.63 0.00	19.30 1.54 0.00	18.98 1.58 0.00	17.22 1.54 -0.04	20.35 1.86 0.00	19.46 1.81 0.00	21.11 2.07 0.00	21.90 2.28 0.00	24.04 2.50 -1.70	29.77 2.57 -6.52	28.83 2.54 -5.49	43.10 2.49 -20.18	31.60 2.54 -8.28	59.29 2.41 -37.13	80.01 2.59 -55.14	44.86 2.60 -19.96	21.67 2.27 -0.18	23.92 2.50 -1.06	25.24 2.63 0.00	25.22 2.52 0.00	41.64 2.30 -19.38	20.13 1.93 -0.70	19.17 1.90 0.00
HOLTSVILLE_IC_2 23691	18.09 1.63 0.00	18.92 1.58 0.00	19.24 1.50 0.00	18.92 1.52 0.00	17.17 1.49 -0.04	20.27 1.78 0.00	19.39 1.74 0.00	21.01 1.97 0.00	21.80 2.19 0.00	23.92 2.38 -1.70	29.64 2.44 -6.52	28.70 2.41 -5.49	42.98 2.37 -20.18	31.47 2.42 -8.28	59.16 2.28 -37.13	79.87 2.45 -55.14	44.72 2.46 -19.96	21.55 2.14 -0.18	23.78 2.36 -1.06	25.09 2.48 0.00	25.07 2.37 0.00	41.52 2.19 -19.38	20.03 1.83 -0.70	19.08 1.81 0.00
HOLTSVILLE_IC_3 23692	18.09 1.63 0.00	18.92 1.58 0.00	19.24 1.50 0.00	18.92 1.52 0.00	17.17 1.49 -0.04	20.27 1.78 0.00	19.39 1.74 0.00	21.01 1.97 0.00	21.80 2.19 0.00	23.92 2.38 -1.70	29.64 2.44 -6.52	28.70 2.41 -5.49	42.98 2.37 -20.18	31.47 2.42 -8.28	59.16 2.28 -37.13	79.87 2.45 -55.14	44.72 2.46 -19.96	21.55 2.14 -0.18	23.78 2.36 -1.06	25.09 2.48 0.00	25.07 2.37 0.00	41.52 2.19 -19.38	20.03 1.83 -0.70	19.08 1.81 0.00

HOLTSVILLE_IC_4 23693	18.09 1.63 0.00	18.92 1.58 0.00	19.24 1.50 0.00	18.92 1.52 0.00	17.17 1.49 -0.04	20.27 1.78 0.00	19.39 1.74 0.00	21.01 1.97 0.00	21.80 2.19 0.00	23.92 2.38 -1.70	29.64 2.44 -6.52	28.70 2.41 -5.49	42.98 2.37 -20.18	31.47 2.42 -8.28	59.16 2.28 -37.13	79.87 2.45 -55.14	44.72 2.46 -19.96	21.55 2.14 -0.18	23.78 2.36 -1.06	25.09 2.48 0.00	25.07 2.37 0.00	41.52 2.19 -19.38	20.03 1.83 -0.70	19.08 1.81 0.00
HOLTSVILLE_IC_5 23694	18.09 1.63 0.00	18.92 1.58 0.00	19.24 1.50 0.00	18.92 1.52 0.00	17.17 1.49 -0.04	20.27 1.78 0.00	19.39 1.74 0.00	21.01 1.97 0.00	21.80 2.19 0.00	23.92 2.38 -1.70	29.64 2.44 -6.52	28.70 2.41 -5.49	42.98 2.37 -20.18	31.47 2.42 -8.28	59.16 2.28 -37.13	79.87 2.45 -55.14	44.72 2.46 -19.96	21.55 2.14 -0.18	23.78 2.36 -1.06	25.09 2.48 0.00	25.07 2.37 0.00	41.52 2.19 -19.38	20.03 1.83 -0.70	19.08 1.81 0.00
HOLTSVILLE_IC_6 23695	18.14 1.68 0.00	18.97 1.63 0.00	19.30 1.54 0.00	18.98 1.58 0.00	17.22 1.54 -0.04	20.35 1.86 0.00	19.46 1.81 0.00	21.11 2.07 0.00	21.90 2.28 0.00	24.04 2.50 -1.70	29.77 2.57 -6.52	28.83 2.54 -5.49	43.10 2.49 -20.18	31.60 2.54 -8.28	59.29 2.41 -37.13	80.01 2.59 -55.14	44.86 2.60 -19.96	21.67 2.27 -0.18	23.92 2.50 -1.06	25.24 2.63 0.00	25.22 2.52 0.00	41.64 2.30 -19.38	20.13 1.93 -0.70	19.17 1.90 0.00
HOLTSVILLE_IC_7 23696	18.14 1.68 0.00	18.97 1.63 0.00	19.30 1.54 0.00	18.98 1.58 0.00	17.22 1.54 -0.04	20.35 1.86 0.00	19.46 1.81 0.00	21.11 2.07 0.00	21.90 2.28 0.00	24.04 2.50 -1.70	29.77 2.57 -6.52	28.83 2.54 -5.49	43.10 2.49 -20.18	31.60 2.54 -8.28	59.29 2.41 -37.13	80.01 2.59 -55.14	44.86 2.60 -19.96	21.67 2.27 -0.18	23.92 2.50 -1.06	25.24 2.63 0.00	25.22 2.52 0.00	41.64 2.30 -19.38	20.13 1.93 -0.70	19.17 1.90 0.00
HOLTSVILLE_IC_8 23697	18.14 1.68 0.00	18.97 1.63 0.00	19.30 1.54 0.00	18.98 1.58 0.00	17.22 1.54 -0.04	20.35 1.86 0.00	19.46 1.81 0.00	21.11 2.07 0.00	21.90 2.28 0.00	24.04 2.50 -1.70	29.77 2.57 -6.52	28.83 2.54 -5.49	43.10 2.49 -20.18	31.60 2.54 -8.28	59.29 2.41 -37.13	80.01 2.59 -55.14	44.86 2.60 -19.96	21.67 2.27 -0.18	23.92 2.50 -1.06	25.24 2.63 0.00	25.22 2.52 0.00	41.64 2.30 -19.38	20.13 1.93 -0.70	19.17 1.90 0.00
HOLTSVILLE_IC_9 23698	18.14 1.68 0.00	18.97 1.63 0.00	19.30 1.54 0.00	18.98 1.58 0.00	17.22 1.54 -0.04	20.35 1.86 0.00	19.46 1.81 0.00	21.11 2.07 0.00	21.90 2.28 0.00	24.04 2.50 -1.70	29.77 2.57 -6.52	28.83 2.54 -5.49	43.10 2.49 -20.18	31.60 2.54 -8.28	59.29 2.41 -37.13	80.01 2.59 -55.14	44.86 2.60 -19.96	21.67 2.27 -0.18	23.92 2.50 -1.06	25.24 2.63 0.00	25.22 2.52 0.00	41.64 2.30 -19.38	20.13 1.93 -0.70	19.17 1.90 0.00
HOMER_HL_115KV_TB2 355744	16.23 0.55 0.77	17.13 0.67 0.88	16.30 0.67 2.12	16.12 0.81 2.10	14.63 0.77 1.79	17.48 0.97 1.98	17.49 0.89 1.05	18.36 1.02 1.69	19.87 1.06 0.81	20.67 1.07 0.24	21.63 1.06 0.11	20.44 1.19 1.55	21.00 1.18 0.60	21.89 1.08 -0.04	20.95 1.00 -0.20	23.54 1.17 -0.08	23.58 1.22 -0.05	20.27 1.03 -0.02	21.27 0.95 0.04	23.36 1.02 0.27	23.13 0.97 0.55	20.59 0.81 0.16	17.86 0.77 0.41	17.97 0.71 0.00
HOWARD_WT_PWR 323690	39.22 -0.76 -23.52	43.61 -0.82 -27.09	44.90 -0.76 -27.91	44.59 -0.45 -27.64	38.88 -0.43 -23.66	44.43 -0.31 -26.25	31.10 -0.34 -13.78	41.10 -0.19 -22.25	30.95 -0.12 -11.45	23.64 -0.33 -4.14	22.66 -0.42 -2.40	41.72 -0.20 -21.12	29.29 -0.13 -8.99	23.78 -0.07 -3.07	20.08 0.18 -0.15	22.59 0.29 -0.01	22.70 0.39 0.00	19.59 0.37 0.00	21.17 0.32 -0.48	26.61 0.38 -3.62	30.34 0.30 -7.34	22.51 0.38 -2.18	25.14 0.21 -7.43	17.29 0.02 0.00
HQ_GEN_CEDARS 23644	16.40 -0.05 0.00	17.29 -0.05 0.00	17.70 -0.05 0.00	17.29 -0.11 0.00	15.51 -0.13 0.00	18.29 -0.20 0.00	17.45 -0.20 0.00	18.80 -0.23 0.00	21.14 -0.44 -1.96	21.76 -0.46 -2.38	22.75 -0.36 -2.44	22.24 -0.38 -1.83	21.80 -0.38 -1.75	22.27 -0.34 -1.83	21.78 -0.33 -2.36	24.35 -0.40 -2.47	23.51 -0.37 -1.58	19.43 -0.38 -0.58	17.43 -0.40 2.54	22.27 -0.34 0.00	22.42 -0.29 0.00	19.72 -0.22 0.00	17.23 -0.27 -0.01	17.01 -0.25 0.00
HQ_GEN_CEDARS_PROXY 323590	16.40 -0.05 0.00	17.29 -0.05 0.00	17.70 -0.05 0.00	17.29 -0.11 0.00	15.51 -0.13 0.00	18.29 -0.20 0.00	17.46 -0.20 0.00	18.80 -0.24 0.00	21.14 -0.44 -1.96	21.76 -0.46 -2.38	22.75 -0.36 -2.44	22.24 -0.38 -1.83	21.86 -0.38 -1.81	22.88 -0.34 -2.44	21.80 -0.33 -2.39	24.42 -0.40 -2.53	24.30 -0.37 -2.36	19.40 -0.38 -0.55	17.43 -0.40 2.54	22.27 -0.34 0.00	22.42 -0.29 0.00	19.72 -0.22 0.00	17.23 -0.27 0.00	17.01 -0.25 0.00
HQ_GEN_IMPORT 323601	16.30 -0.15 0.00	17.19 -0.16 0.00	17.61 -0.14 0.00	17.23 -0.17 0.00	15.48 -0.17 0.00	18.29 -0.20 0.00	17.46 -0.20 0.00	18.81 -0.22 0.00	19.33 -0.29 0.00	19.52 -0.32 0.00	20.36 -0.32 0.00	20.47 -0.33 0.00	20.11 -0.31 0.00	20.47 -0.31 0.00	19.45 -0.30 0.00	21.95 -0.34 0.00	22.07 -0.33 -0.09	18.75 -0.31 0.16	19.49 -0.34 0.54	22.29 -0.32 0.00	22.42 -0.29 0.00	19.71 -0.24 0.00	17.25 -0.25 0.00	17.04 -0.22 0.00
HQ_GEN_WHEEL 23651	16.30 -0.15 0.00	17.19 -0.16 0.00	17.61 -0.14 0.00	17.23 -0.17 0.00	15.48 -0.17 0.00	18.29 -0.20 0.00	17.46 -0.20 0.00	18.81 -0.22 0.00	19.33 -0.29 0.00	19.52 -0.32 0.00	20.36 -0.32 0.00	20.47 -0.33 0.00	20.11 -0.31 0.00	20.47 -0.31 0.00	19.45 -0.30 0.00	21.95 -0.34 0.00	22.07 -0.33 -0.09	18.75 -0.31 0.16	19.49 -0.34 0.54	22.29 -0.32 0.00	22.42 -0.29 0.00	19.71 -0.24 0.00	17.25 -0.25 0.00	17.04 -0.22 0.00
HUDSON_AVE_GT_3 23810	18.00 1.55 0.00	18.91 1.57 0.00	19.33 1.58 0.00	18.97 1.57 0.00	17.13 1.45 -0.04	20.18 1.69 0.00	19.26 1.60 0.00	20.84 1.81 0.00	21.61 1.99 0.00	21.93 2.10 0.00	22.89 2.21 0.00	22.98 2.19 0.00	22.60 2.17 0.00	23.01 2.24 0.00	22.54 2.13 -0.66	24.70 2.38 -0.04	24.58 2.27 0.00	21.17 1.95 0.00	22.47 2.10 0.00	24.88 2.27 0.00	24.94 2.24 0.00	21.89 1.94 0.00	19.89 1.69 -0.70	18.89 1.63 0.00
HUDSON_AVE_GT_4 23540	18.00 1.55 0.00	18.91 1.57 0.00	19.33 1.58 0.00	18.97 1.57 0.00	17.13 1.45 -0.04	20.18 1.69 0.00	19.26 1.60 0.00	20.84 1.81 0.00	21.61 1.99 0.00	21.93 2.10 0.00	22.89 2.21 0.00	22.98 2.19 0.00	22.60 2.17 0.00	23.01 2.24 0.00	22.54 2.13 -0.66	24.70 2.38 -0.04	24.58 2.27 0.00	21.17 1.95 0.00	22.47 2.10 0.00	24.88 2.27 0.00	24.94 2.24 0.00	21.89 1.94 0.00	19.89 1.69 -0.70	18.89 1.63 0.00
HUDSON_AVE_GT_5 23657	18.00 1.55 0.00	18.91 1.57 0.00	19.33 1.58 0.00	18.97 1.57 0.00	17.13 1.45 -0.04	20.18 1.69 0.00	19.26 1.60 0.00	20.84 1.81 0.00	21.61 1.99 0.00	21.93 2.10 0.00	22.89 2.21 0.00	22.98 2.19 0.00	22.60 2.17 0.00	23.01 2.24 0.00	22.54 2.13 -0.66	24.70 2.38 -0.04	24.58 2.27 0.00	21.17 1.95 0.00	22.47 2.10 0.00	24.88 2.27 0.00	24.94 2.24 0.00	21.89 1.94 0.00	19.89 1.69 -0.70	18.89 1.63 0.00

HUDSON_AVE_10 24168	18.06 1.52 -0.09	18.97 1.53 -0.10	19.55 1.54 -0.26	19.18 1.53 -0.26	17.30 1.40 -0.26	20.38 1.64 -0.25	19.34 1.55 -0.13	21.01 1.77 -0.21	21.70 1.96 -0.12	21.94 2.05 -0.06	22.85 2.13 -0.04	23.14 2.13 -0.21	22.64 2.11 -0.10	22.95 2.16 -0.02	22.48 2.05 -0.67	24.63 2.29 -0.06	24.51 2.18 -0.02	21.09 1.86 0.00	22.39 2.02 -0.01	24.83 2.19 -0.03	24.90 2.13 -0.07	21.81 1.84 -0.02	19.89 1.63 -0.77	18.81 1.54 0.00
HUDSON___115KV_TB 4 355613	17.33 0.72 -0.16	18.21 0.74 -0.13	18.69 0.73 -0.21	18.35 0.74 -0.20	16.57 0.71 -0.22	19.50 0.82 -0.19	18.56 0.80 -0.10	20.06 0.86 -0.16	20.73 1.01 -0.10	20.92 1.04 -0.05	21.80 1.08 -0.04	21.99 1.02 -0.17	21.53 1.03 -0.08	21.87 1.06 -0.03	21.51 0.97 -0.79	23.46 1.12 -0.06	23.40 1.08 -0.01	20.25 1.02 0.00	21.49 1.11 -0.01	23.77 1.14 -0.03	23.85 1.09 -0.05	20.91 0.95 -0.02	19.25 0.87 -0.88	18.09 0.82 0.00
HUNTER MOUNT___DRP 323613	17.31 0.69 -0.17	18.20 0.72 -0.13	18.67 0.71 -0.22	18.34 0.73 -0.21	16.56 0.69 -0.22	19.52 0.83 -0.20	18.57 0.81 -0.11	20.08 0.87 -0.17	20.74 1.02 -0.10	20.92 1.04 -0.05	21.78 1.06 -0.04	21.98 1.01 -0.18	21.52 1.01 -0.08	21.85 1.04 -0.04	21.46 0.94 -0.77	23.46 1.11 -0.06	23.40 1.08 -0.01	20.27 1.04 0.00	21.50 1.13 -0.01	23.79 1.15 -0.03	23.86 1.10 -0.06	20.92 0.96 -0.02	19.24 0.87 -0.87	18.10 0.84 0.00
HUNTINGTON_RES_REC 323705	18.15 1.70 0.00	18.99 1.65 0.00	19.31 1.56 0.00	18.98 1.58 0.00	17.21 1.53 -0.04	20.33 1.84 0.00	19.45 1.79 0.00	21.08 2.04 0.00	21.89 2.27 0.00	24.02 2.49 -1.70	29.77 2.57 -6.52	28.83 2.54 -5.49	43.11 2.51 -20.18	31.60 2.54 -8.28	59.29 2.41 -37.13	80.03 2.61 -55.14	44.86 2.60 -19.96	21.66 2.25 -0.18	23.90 2.47 -1.06	25.23 2.62 0.00	25.22 2.51 0.00	41.63 2.29 -19.38	20.12 1.92 -0.70	19.15 1.90 0.00
HUNTLEY___63 23557	13.28 -0.47 2.70	13.87 -0.47 3.00	9.28 -0.51 7.96	9.12 -0.40 7.89	8.58 -0.32 6.74	10.72 -0.29 7.48	13.47 -0.25 3.93	12.52 -0.17 6.35	16.27 -0.15 3.20	18.50 -0.23 1.11	19.78 -0.29 0.61	14.77 -0.06 5.97	17.90 -0.11 2.42	20.50 -0.29 -0.01	19.62 -0.32 -0.19	22.08 -0.29 -0.08	22.24 -0.12 -0.05	19.17 -0.07 -0.02	19.88 -0.34 0.15	21.07 -0.51 1.03	20.08 -0.54 2.09	18.81 -0.51 0.62	15.01 -0.54 1.95	16.79 -0.47 0.00
HUNTLEY___64 23558	13.28 -0.47 2.70	13.87 -0.47 3.00	9.28 -0.51 7.96	9.12 -0.40 7.89	8.58 -0.32 6.74	10.72 -0.29 7.48	13.47 -0.25 3.93	12.52 -0.17 6.35	16.27 -0.15 3.20	18.50 -0.23 1.11	19.78 -0.29 0.61	14.77 -0.06 5.97	17.90 -0.11 2.42	20.50 -0.29 -0.01	19.62 -0.32 -0.19	22.08 -0.29 -0.08	22.24 -0.12 -0.05	19.17 -0.07 -0.02	19.88 -0.34 0.15	21.07 -0.51 1.03	20.08 -0.54 2.09	18.81 -0.51 0.62	15.01 -0.54 1.95	16.79 -0.47 0.00
HUNTLEY___65 23559	13.28 -0.47 2.70	13.87 -0.47 3.00	9.28 -0.51 7.96	9.12 -0.40 7.89	8.58 -0.32 6.74	10.72 -0.29 7.48	13.47 -0.25 3.93	12.52 -0.17 6.35	16.27 -0.15 3.20	18.50 -0.23 1.11	19.78 -0.29 0.61	14.77 -0.06 5.97	17.90 -0.11 2.42	20.50 -0.29 -0.01	19.62 -0.32 -0.19	22.08 -0.29 -0.08	22.24 -0.12 -0.05	19.17 -0.07 -0.02	19.88 -0.34 0.15	21.07 -0.51 1.03	20.08 -0.54 2.09	18.81 -0.51 0.62	15.01 -0.54 1.95	16.79 -0.47 0.00
HUNTLEY___66 23560	13.28 -0.47 2.70	13.87 -0.47 3.00	9.28 -0.51 7.96	9.12 -0.40 7.89	8.58 -0.32 6.74	10.72 -0.29 7.48	13.47 -0.25 3.93	12.52 -0.17 6.35	16.27 -0.15 3.20	18.50 -0.23 1.11	19.78 -0.29 0.61	14.77 -0.06 5.97	17.90 -0.11 2.42	20.50 -0.29 -0.01	19.62 -0.32 -0.19	22.08 -0.29 -0.08	22.24 -0.12 -0.05	19.17 -0.07 -0.02	19.88 -0.34 0.15	21.07 -0.51 1.03	20.08 -0.54 2.09	18.81 -0.51 0.62	15.01 -0.54 1.95	16.79 -0.47 0.00
HUNTLEY___67 23561	12.71 -0.60 3.15	13.22 -0.59 3.53	7.85 -0.64 9.26	7.71 -0.51 9.18	7.37 -0.43 7.85	9.37 -0.41 8.71	12.72 -0.36 4.57	11.34 -0.31 7.39	15.61 -0.28 3.74	18.22 -0.31 1.30	19.58 -0.38 0.72	13.67 -0.18 6.95	17.38 -0.22 2.83	20.44 -0.34 -0.01	19.57 -0.36 -0.19	22.04 -0.32 -0.08	22.19 -0.17 -0.05	19.13 -0.11 -0.02	19.83 -0.37 0.17	20.87 -0.54 1.20	19.69 -0.59 2.43	18.68 -0.54 0.72	14.65 -0.56 2.28	16.76 -0.51 0.00
HUNTLEY___68 23562	12.71 -0.60 3.15	13.22 -0.59 3.53	7.85 -0.64 9.26	7.71 -0.51 9.18	7.37 -0.43 7.85	9.37 -0.41 8.71	12.72 -0.36 4.57	11.34 -0.31 7.39	15.61 -0.28 3.74	18.22 -0.31 1.30	19.58 -0.38 0.72	13.67 -0.18 6.95	17.38 -0.22 2.83	20.44 -0.34 -0.01	19.57 -0.36 -0.19	22.04 -0.32 -0.08	22.19 -0.17 -0.05	19.13 -0.11 -0.02	19.83 -0.37 0.17	20.87 -0.54 1.20	19.69 -0.59 2.43	18.68 -0.54 0.72	14.65 -0.56 2.28	16.76 -0.51 0.00
HYLAND___LFGE 323620	42.39 -0.30 -26.24	47.23 -0.33 -30.22	48.52 -0.36 -31.13	48.10 -0.14 -30.84	41.86 -0.18 -26.40	47.87 0.09 -29.29	33.08 0.05 -15.37	44.24 0.38 -24.83	32.67 0.28 -12.77	24.66 0.21 -4.62	23.41 0.06 -2.67	44.52 0.17 -23.56	30.39 -0.06 -10.02	24.01 -0.20 -3.43	20.06 0.19 -0.12	22.87 0.58 -0.01	22.99 0.67 0.00	20.12 0.89 0.00	21.93 1.03 -0.54	27.82 1.18 -4.03	32.08 1.21 -8.17	23.46 1.07 -2.44	26.56 0.83 -8.23	17.95 0.69 0.00
INDECK___CORINTH 23802	17.38 0.93 0.00	18.24 0.89 0.00	18.68 0.93 0.00	18.35 0.95 0.00	16.59 0.90 -0.05	19.66 1.17 0.00	18.74 1.09 0.00	20.15 1.11 0.00	20.80 1.18 0.00	21.11 1.27 0.00	22.00 1.32 0.00	22.13 1.34 0.00	21.73 1.30 0.00	22.10 1.32 0.00	21.89 1.31 -0.83	23.77 1.44 -0.04	23.68 1.38 0.00	20.41 1.19 0.00	21.74 1.38 0.00	24.07 1.46 0.00	24.15 1.44 0.00	21.20 1.25 0.00	19.55 1.17 -0.89	18.39 1.13 0.00
INDECK___ILION 23567	16.45 -0.01 -0.01	17.32 -0.03 0.00	17.73 -0.04 -0.03	17.40 -0.03 -0.03	15.67 0.00 -0.02	18.48 -0.03 -0.03	17.66 0.00 -0.01	19.01 -0.05 -0.02	19.77 0.04 -0.11	20.02 0.05 -0.13	20.88 0.06 -0.13	20.94 0.03 -0.11	20.53 0.00 -0.10	20.87 0.02 -0.08	19.93 0.05 -0.13	22.46 0.04 -0.13	22.38 0.00 -0.06	19.31 0.06 -0.03	20.58 0.10 -0.11	22.68 0.07 0.00	22.75 0.04 -0.01	19.99 0.04 0.00	17.58 0.06 -0.02	17.27 0.00 0.00
INDECK___OLEAN 23982	15.25 0.58 1.78	16.01 0.72 2.06	16.34 0.71 2.12	16.14 0.84 2.10	14.62 0.76 1.79	17.46 0.96 1.99	17.50 0.88 1.05	18.36 1.02 1.69	19.85 1.10 0.87	20.61 1.09 0.31	21.57 1.07 0.18	20.40 1.21 1.60	20.93 1.18 0.68	21.64 1.09 0.23	20.88 1.00 -0.13	23.49 1.19 -0.01	23.53 1.23 0.00	20.24 1.02 0.00	21.28 0.95 0.04	23.36 1.03 0.27	23.13 0.98 0.55	20.59 0.81 0.16	17.87 0.78 0.41	17.98 0.71 0.00
INDECK___OSWEGO 23783	16.16 -0.29 0.00	17.03 -0.31 0.00	17.41 -0.34 0.00	17.07 -0.33 0.00	15.35 -0.30 0.00	18.15 -0.34 0.00	17.34 -0.31 0.00	18.69 -0.34 0.00	19.28 -0.34 0.00	19.50 -0.33 0.00	20.33 -0.35 0.00	20.46 -0.34 0.00	20.09 -0.34 0.00	20.42 -0.36 0.00	19.46 -0.34 -0.06	21.89 -0.39 0.00	21.93 -0.38 0.00	18.93 -0.29 0.00	20.05 -0.32 0.00	22.24 -0.36 0.00	22.33 -0.38 0.00	19.60 -0.34 0.00	17.28 -0.27 -0.06	16.97 -0.29 0.00

INDECK___YERKES 23781	9.34 -0.41 6.71	9.23 -0.39 7.73	9.34 -0.45 7.96	9.16 -0.35 7.89	8.60 -0.30 6.74	10.73 -0.27 7.49	13.49 -0.23 3.93	12.55 -0.14 6.35	16.27 -0.08 3.26	18.47 -0.19 1.18	19.74 -0.26 0.68	14.76 -0.02 6.02	17.80 -0.07 2.56	19.65 -0.25 0.88	19.57 -0.29 -0.11	22.04 -0.25 -0.01	22.21 -0.10 0.00	19.15 -0.07 0.00	19.91 -0.32 0.14	21.09 -0.48 1.03	20.11 -0.52 2.08	18.83 -0.49 0.62	15.03 -0.51 1.95	16.81 -0.45 0.00
INDIAN POINT_GT_1 24139	17.82 1.36 0.00	18.72 1.38 0.00	19.14 1.39 0.00	18.79 1.38 0.00	16.96 1.28 -0.04	19.98 1.49 0.00	19.08 1.42 0.00	20.64 1.60 0.00	21.38 1.77 0.00	21.69 1.86 0.00	22.62 1.94 0.00	22.73 1.93 0.00	22.34 1.91 0.00	22.74 1.97 0.00	22.25 1.86 -0.65	24.39 2.07 -0.03	24.30 2.00 0.00	20.94 1.72 0.00	22.24 1.88 0.00	24.65 2.04 0.00	24.72 2.01 0.00	21.67 1.73 0.00	19.70 1.50 -0.70	18.71 1.45 0.00
INDIAN POINT_GT_2 23659	17.82 1.36 0.00	18.72 1.38 0.00	19.14 1.39 0.00	18.79 1.38 0.00	16.96 1.28 -0.04	19.98 1.49 0.00	19.08 1.42 0.00	20.64 1.60 0.00	21.38 1.77 0.00	21.69 1.86 0.00	22.62 1.94 0.00	22.73 1.93 0.00	22.34 1.91 0.00	22.74 1.97 0.00	22.25 1.86 -0.65	24.39 2.07 -0.03	24.30 2.00 0.00	20.94 1.72 0.00	22.24 1.88 0.00	24.65 2.04 0.00	24.72 2.01 0.00	21.67 1.73 0.00	19.70 1.50 -0.70	18.71 1.45 0.00
INDIAN POINT_GT_3 24019	17.82 1.36 0.00	18.72 1.38 0.00	19.14 1.39 0.00	18.79 1.38 0.00	16.96 1.28 -0.04	19.98 1.49 0.00	19.08 1.42 0.00	20.64 1.60 0.00	21.38 1.77 0.00	21.69 1.86 0.00	22.62 1.94 0.00	22.73 1.93 0.00	22.34 1.91 0.00	22.74 1.97 0.00	22.25 1.86 -0.65	24.39 2.07 -0.03	24.30 2.00 0.00	20.94 1.72 0.00	22.24 1.88 0.00	24.65 2.04 0.00	24.72 2.01 0.00	21.67 1.73 0.00	19.70 1.50 -0.70	18.71 1.45 0.00
INDIAN POINT___2 23530	17.79 1.34 0.00	18.69 1.35 0.00	19.12 1.37 0.00	18.76 1.36 0.00	16.94 1.26 -0.04	19.96 1.48 0.00	19.06 1.41 0.00	20.61 1.58 0.00	21.36 1.74 0.00	21.66 1.82 0.00	22.60 1.92 0.00	22.69 1.90 0.00	22.31 1.88 0.00	22.71 1.94 0.00	22.22 1.83 -0.65	24.35 2.03 -0.03	24.26 1.95 0.00	20.91 1.68 0.00	22.21 1.85 0.00	24.61 2.01 0.00	24.69 1.98 0.00	21.64 1.69 0.00	19.67 1.48 -0.70	18.69 1.43 0.00
INDIAN POINT___3 23531	17.88 1.35 -0.09	18.79 1.35 -0.10	19.37 1.36 -0.26	19.02 1.36 -0.26	17.16 1.25 -0.26	20.21 1.47 -0.25	19.18 1.39 -0.13	20.81 1.57 -0.21	21.48 1.74 -0.12	21.72 1.82 -0.06	22.63 1.91 -0.04	22.91 1.90 -0.21	22.40 1.88 -0.10	22.72 1.92 -0.02	22.24 1.82 -0.67	24.37 2.03 -0.06	24.27 1.95 -0.02	20.90 1.67 0.00	22.21 1.84 -0.01	24.64 2.00 -0.03	24.74 1.97 -0.07	21.65 1.69 -0.02	19.74 1.47 -0.77	18.69 1.43 0.00
INGHAM_C_115KV_TB7 356103	16.30 -0.16 -0.01	17.15 -0.20 0.00	17.54 -0.23 -0.03	17.24 -0.19 -0.03	15.55 -0.12 -0.02	18.30 -0.21 -0.03	17.52 -0.15 -0.01	18.80 -0.26 -0.02	19.62 -0.11 -0.11	19.91 -0.05 -0.13	20.77 -0.04 -0.13	20.79 -0.12 -0.11	20.34 -0.18 -0.10	20.73 -0.12 -0.08	19.83 -0.05 -0.13	22.32 -0.09 -0.13	22.17 -0.20 -0.06	19.19 -0.07 -0.03	20.51 0.03 -0.11	22.56 -0.05 0.00	22.57 -0.14 -0.01	19.86 -0.09 0.00	17.52 0.00 -0.02	17.12 -0.14 0.00
IP CORINTH___1 23988	17.53 0.93 -0.15	18.37 0.91 -0.11	18.88 0.93 -0.19	18.55 0.96 -0.19	16.75 0.90 -0.21	19.84 1.17 -0.18	18.84 1.09 -0.09	20.30 1.11 -0.16	20.91 1.19 -0.09	21.16 1.27 -0.05	22.03 1.32 -0.04	22.29 1.33 -0.16	21.81 1.31 -0.08	22.13 1.32 -0.03	21.91 1.31 -0.85	23.79 1.44 -0.06	23.70 1.38 -0.01	20.41 1.19 0.00	21.75 1.37 -0.01	24.09 1.46 -0.02	24.20 1.44 -0.05	21.21 1.25 -0.02	19.60 1.17 -0.94	18.39 1.13 0.00
IP___TICONDEROGA 23804	18.26 1.66 -0.15	19.04 1.58 -0.11	19.63 1.69 -0.19	19.38 1.79 -0.19	17.54 1.68 -0.21	20.91 2.24 -0.18	19.83 2.08 -0.09	21.27 2.08 -0.16	21.74 2.03 -0.09	22.06 2.17 -0.05	22.95 2.23 -0.04	23.31 2.36 -0.16	22.87 2.37 -0.08	23.17 2.36 -0.03	22.99 2.39 -0.85	24.95 2.61 -0.06	24.80 2.48 -0.01	21.32 2.09 0.00	22.86 2.48 -0.01	25.32 2.69 -0.02	25.41 2.65 -0.05	22.08 2.12 -0.02	20.58 2.14 -0.94	19.39 2.13 0.00
ISLIP_RES_REC 323679	18.19 1.73 0.00	19.03 1.68 0.00	19.35 1.60 0.00	19.03 1.63 0.00	17.27 1.59 -0.04	20.41 1.92 0.00	19.52 1.87 0.00	21.18 2.15 0.00	21.99 2.37 0.00	24.13 2.60 -1.70	29.87 2.67 -6.52	28.93 2.64 -5.49	43.20 2.59 -20.18	31.70 2.64 -8.28	59.38 2.50 -37.13	80.11 2.69 -55.14	44.97 2.70 -19.96	21.77 2.36 -0.18	24.02 2.59 -1.06	25.35 2.74 0.00	25.32 2.62 0.00	41.72 2.39 -19.38	20.21 2.00 -0.70	19.23 1.97 0.00
JAMAICA__27_KV_LOAD 355505	18.20 1.66 -0.09	19.12 1.68 -0.10	19.69 1.68 -0.26	19.32 1.66 -0.26	17.42 1.52 -0.26	20.51 1.77 -0.25	19.47 1.69 -0.13	21.18 1.94 -0.21	21.88 2.14 -0.12	22.10 2.21 -0.06	22.98 2.25 -0.04	23.28 2.26 -0.21	22.76 2.24 -0.10	23.06 2.27 -0.02	22.58 2.15 -0.67	24.75 2.41 -0.06	24.64 2.31 -0.02	21.19 1.96 0.00	22.47 2.10 -0.01	24.95 2.31 -0.03	24.95 2.17 -0.07	21.83 1.86 -0.02	19.97 1.70 -0.77	18.82 1.55 0.00
JANIS___SOLAR 323808	18.94 0.71 -1.78	20.15 0.76 -2.04	20.55 0.70 -2.11	20.20 0.72 -2.08	18.09 0.65 -1.80	21.32 0.85 -1.98	19.50 0.80 -1.04	21.68 0.97 -1.68	21.55 1.07 -0.87	21.15 1.00 -0.31	21.85 0.99 -0.18	23.39 1.00 -1.59	22.08 0.97 -0.68	21.97 0.96 -0.23	20.85 0.91 -0.19	23.39 1.09 -0.01	23.50 1.19 0.00	20.31 1.08 0.00	21.58 1.18 -0.04	24.25 1.37 -0.27	24.62 1.35 -0.56	21.26 1.15 -0.16	19.24 0.99 -0.75	18.14 0.88 0.00
JARVIS____ 23743	16.48 0.03 0.00	17.36 0.02 0.00	17.77 0.02 0.00	17.42 0.02 0.00	15.66 0.02 0.00	18.51 0.02 0.00	17.68 0.02 0.00	19.05 0.02 0.00	19.66 0.04 0.00	19.88 0.04 0.00	20.72 0.04 0.00	20.84 0.04 0.00	20.47 0.04 0.00	20.82 0.04 0.00	19.80 0.04 -0.01	22.33 0.05 0.00	22.35 0.05 0.00	19.27 0.05 0.00	20.54 0.06 -0.11	22.65 0.05 0.00	22.75 0.05 0.00	19.99 0.04 0.00	17.56 0.05 -0.01	17.30 0.04 0.00
JENNISON___1 23625	17.76 0.92 -0.39	18.75 0.98 -0.43	19.86 0.94 -1.16	19.51 0.96 -1.15	17.51 0.87 -1.00	20.67 1.09 -1.09	19.27 1.05 -0.57	21.18 1.22 -0.93	21.48 1.33 -0.53	21.38 1.32 -0.23	22.18 1.34 -0.16	23.07 1.35 -0.92	22.14 1.30 -0.40	22.15 1.32 -0.05	21.34 1.30 -0.30	23.81 1.46 -0.07	23.85 1.50 -0.04	20.55 1.31 -0.02	21.81 1.43 -0.02	24.37 1.61 -0.15	24.58 1.57 -0.30	21.37 1.34 -0.09	19.22 1.17 -0.56	18.31 1.05 0.00
JENNISON___2 23626	17.76 0.92 -0.39	18.75 0.98 -0.43	19.86 0.94 -1.16	19.51 0.96 -1.15	17.51 0.87 -1.00	20.67 1.09 -1.09	19.27 1.05 -0.57	21.18 1.22 -0.93	21.48 1.33 -0.53	21.38 1.32 -0.23	22.18 1.34 -0.16	23.07 1.35 -0.92	22.14 1.30 -0.40	22.15 1.32 -0.05	21.34 1.30 -0.30	23.81 1.46 -0.07	23.85 1.50 -0.04	20.55 1.31 -0.02	21.81 1.43 -0.02	24.37 1.61 -0.15	24.58 1.57 -0.30	21.37 1.34 -0.09	19.22 1.17 -0.56	18.31 1.05 0.00

JERICO_RISE_WT_PWR 323719	16.37 -0.08 0.00	17.27 -0.07 0.00	17.61 -0.13 0.00	17.15 -0.25 0.00	15.16 -0.48 0.00	17.68 -0.81 0.00	16.84 -0.82 0.00	18.14 -0.89 0.00	-16.97 -1.16 35.43	-24.02 -1.14 42.71	-24.07 -1.15 43.60	-13.09 -1.16 32.72	-13.15 -1.13 32.44	-24.11 -1.11 43.77	-24.03 -1.07 42.71	-24.26 -1.22 45.33	-20.62 -1.19 41.74	7.65 -1.04 10.53	16.86 -0.92 2.59	21.76 -0.85 0.00	22.07 -0.64 0.00	19.46 -0.49 0.00	16.80 -0.69 0.00	16.27 -0.99 0.00
KATONAH__115KV_46KV_TB4 355592	17.97 1.43 -0.09	18.88 1.44 -0.09	19.47 1.46 -0.26	19.11 1.46 -0.25	17.24 1.34 -0.25	20.31 1.57 -0.24	19.28 1.50 -0.13	20.93 1.69 -0.20	21.62 1.88 -0.12	21.88 1.98 -0.06	22.81 2.08 -0.04	23.08 2.07 -0.21	22.57 2.05 -0.10	22.90 2.10 -0.02	22.42 1.99 -0.68	24.56 2.21 -0.06	24.46 2.14 -0.02	21.07 1.84 0.00	22.37 2.00 -0.01	24.81 2.16 -0.03	24.90 2.13 -0.07	21.79 1.83 -0.02	19.87 1.60 -0.77	18.80 1.54 0.00
KCE_NY_1 323755	17.42 0.96 0.00	18.30 0.95 0.00	18.73 0.98 0.00	18.38 0.98 0.00	16.62 0.93 -0.05	19.63 1.14 0.00	18.73 1.08 0.00	20.19 1.15 0.00	20.86 1.24 0.00	21.15 1.31 0.00	22.01 1.33 0.00	22.12 1.32 0.00	21.72 1.29 0.00	22.10 1.32 0.00	21.88 1.31 -0.83	23.78 1.45 -0.04	23.68 1.37 0.00	20.42 1.20 0.00	21.73 1.37 0.00	24.03 1.43 0.00	24.11 1.40 0.00	21.16 1.21 0.00	19.48 1.10 -0.89	18.32 1.06 0.00
KCE_NY_6_ESR 323823	8.01 -0.32 8.13	7.69 -0.29 9.36	7.78 -0.33 9.64	7.63 -0.22 9.55	7.29 -0.19 8.17	9.28 -0.14 9.07	12.80 -0.10 4.76	11.34 0.00 7.69	15.74 0.08 3.95	18.42 0.02 1.43	19.81 -0.05 0.83	13.65 0.14 7.30	17.42 0.09 3.10	19.69 -0.03 1.06	19.81 -0.05 -0.12	22.31 0.02 -0.01	22.47 0.16 0.00	19.38 0.16 0.00	20.17 -0.03 0.17	21.24 -0.12 1.25	20.02 -0.17 2.52	19.02 -0.18 0.75	14.88 -0.24 2.38	17.04 -0.23 0.00
KEDC_PORT_JEFF_GT2 24210	18.12 1.67 0.00	18.96 1.62 0.00	19.29 1.54 0.00	18.96 1.56 0.00	17.21 1.53 -0.04	20.33 1.83 0.00	19.44 1.79 0.00	21.08 2.04 0.00	21.87 2.25 0.00	24.01 2.47 -1.70	29.73 2.53 -6.52	28.78 2.49 -5.49	43.06 2.45 -20.18	31.56 2.50 -8.28	59.24 2.37 -37.13	79.97 2.55 -55.14	44.81 2.55 -19.96	21.63 2.23 -0.18	23.88 2.45 -1.06	25.19 2.58 0.00	25.18 2.47 0.00	41.60 2.27 -19.38	20.10 1.90 -0.70	19.14 1.87 0.00
KEDC_PORT_JEFF_GT3 24211	18.12 1.67 0.00	18.96 1.62 0.00	19.29 1.54 0.00	18.96 1.56 0.00	17.21 1.53 -0.04	20.33 1.83 0.00	19.44 1.79 0.00	21.08 2.04 0.00	21.87 2.25 0.00	24.01 2.47 -1.70	29.73 2.53 -6.52	28.78 2.49 -5.49	43.06 2.45 -20.18	31.56 2.50 -8.28	59.24 2.37 -37.13	79.97 2.55 -55.14	44.81 2.55 -19.96	21.63 2.23 -0.18	23.88 2.45 -1.06	25.19 2.58 0.00	25.18 2.47 0.00	41.60 2.27 -19.38	20.10 1.90 -0.70	19.14 1.87 0.00
KEDC_GLWD_GT4 24219	18.08 1.63 0.00	18.96 1.62 0.00	19.34 1.59 0.00	18.99 1.59 0.00	17.17 1.49 -0.04	20.26 1.77 0.00	19.34 1.69 0.00	20.94 1.91 0.00	21.73 2.11 0.00	23.81 2.27 -1.70	29.60 2.39 -6.52	28.67 2.39 -5.49	42.96 2.35 -20.18	31.46 2.41 -8.28	59.15 2.28 -37.13	79.94 2.52 -55.14	44.73 2.46 -19.96	21.51 2.11 -0.18	23.72 2.29 -1.06	25.07 2.47 0.00	25.11 2.40 0.00	41.45 2.11 -19.38	19.99 1.79 -0.70	19.01 1.75 0.00
KEDC_GLWD_GT5 24220	18.08 1.63 0.00	18.96 1.62 0.00	19.34 1.59 0.00	18.99 1.59 0.00	17.17 1.49 -0.04	20.26 1.77 0.00	19.34 1.69 0.00	20.94 1.91 0.00	21.73 2.11 0.00	23.81 2.27 -1.70	29.60 2.39 -6.52	28.67 2.39 -5.49	42.96 2.35 -20.18	31.46 2.41 -8.28	59.15 2.28 -37.13	79.94 2.52 -55.14	44.73 2.46 -19.96	21.51 2.11 -0.18	23.72 2.29 -1.06	25.07 2.47 0.00	25.11 2.40 0.00	41.45 2.11 -19.38	19.99 1.79 -0.70	19.01 1.75 0.00
KENSICO____ 23655	17.96 1.42 -0.09	18.87 1.43 -0.10	19.44 1.44 -0.26	19.09 1.43 -0.26	17.22 1.32 -0.26	20.28 1.54 -0.25	19.25 1.47 -0.13	20.90 1.66 -0.21	21.57 1.83 -0.12	21.82 1.92 -0.06	22.74 2.02 -0.04	23.02 2.00 -0.21	22.51 1.99 -0.10	22.83 2.04 -0.02	22.36 1.93 -0.67	24.49 2.14 -0.06	24.39 2.06 -0.02	21.00 1.77 0.00	22.31 1.94 -0.01	24.74 2.10 -0.03	24.84 2.07 -0.07	21.75 1.78 -0.02	19.82 1.55 -0.77	18.76 1.50 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.11 1.56 -0.09	19.03 1.59 -0.10	19.61 1.60 -0.27	19.23 1.57 -0.26	17.36 1.45 -0.26	20.40 1.66 -0.25	19.41 1.63 -0.13	21.04 1.79 -0.21	21.76 2.01 -0.13	21.98 2.08 -0.06	22.92 2.19 -0.05	23.18 2.17 -0.22	22.65 2.12 -0.10	22.96 2.17 -0.02	22.49 2.08 -0.67	24.64 2.30 -0.05	24.58 2.26 -0.02	21.17 1.94 0.00	22.50 2.12 -0.01	24.98 2.34 -0.03	25.08 2.31 -0.07	21.93 1.96 -0.02	19.94 1.68 -0.76	18.86 1.59 0.00
KIAC_JFK_GT1 23816	18.01 1.56 0.00	18.91 1.57 0.00	19.33 1.58 0.00	18.97 1.57 0.00	17.11 1.43 -0.04	20.18 1.69 0.00	19.25 1.60 0.00	20.87 1.84 0.00	21.64 2.02 0.00	21.93 2.10 0.00	22.82 2.14 0.00	22.93 2.14 0.00	22.55 2.12 0.00	22.93 2.15 0.00	22.45 2.05 -0.66	24.61 2.29 -0.04	24.50 2.19 0.00	21.06 1.84 0.00	22.28 1.92 0.00	24.71 2.10 0.00	24.67 1.97 0.00	21.63 1.69 0.00	19.80 1.60 -0.70	18.73 1.46 0.00
KIAC_JFK_GT2 23817	18.01 1.56 0.00	18.91 1.57 0.00	19.33 1.58 0.00	18.97 1.57 0.00	17.11 1.43 -0.04	20.18 1.69 0.00	19.25 1.60 0.00	20.87 1.84 0.00	21.64 2.02 0.00	21.93 2.10 0.00	22.82 2.14 0.00	22.93 2.14 0.00	22.55 2.12 0.00	22.93 2.15 0.00	22.45 2.05 -0.66	24.61 2.29 -0.04	24.50 2.19 0.00	21.06 1.84 0.00	22.28 1.92 0.00	24.71 2.10 0.00	24.67 1.97 0.00	21.63 1.69 0.00	19.80 1.60 -0.70	18.73 1.46 0.00
KIAC_JFK____ 323774	18.01 1.56 0.00	18.91 1.57 0.00	19.33 1.58 0.00	18.97 1.57 0.00	17.11 1.43 -0.04	20.18 1.69 0.00	19.25 1.60 0.00	20.87 1.84 0.00	21.64 2.02 0.00	21.93 2.10 0.00	22.82 2.14 0.00	22.93 2.14 0.00	22.55 2.12 0.00	22.93 2.15 0.00	22.45 2.05 -0.66	24.61 2.29 -0.04	24.50 2.19 0.00	21.06 1.84 0.00	22.28 1.92 0.00	24.71 2.10 0.00	24.67 1.97 0.00	21.63 1.69 0.00	19.80 1.60 -0.70	18.73 1.46 0.00
KINTIGH____ 23543	14.25 -0.58 1.62	14.90 -0.58 1.86	12.43 -0.63 4.69	12.22 -0.53 4.65	11.22 -0.45 3.97	13.65 -0.43 4.41	14.95 -0.39 2.32	14.94 -0.35 3.74	17.44 -0.32 1.86	18.90 -0.32 0.62	19.97 -0.39 0.33	17.07 -0.23 3.50	18.76 -0.27 1.41	20.45 -0.35 -0.03	19.55 -0.37 -0.17	22.01 -0.36 -0.08	22.12 -0.23 -0.05	19.07 -0.17 -0.02	19.88 -0.40 0.09	21.43 -0.57 0.61	20.86 -0.62 1.23	19.03 -0.55 0.37	15.83 -0.55 1.11	16.78 -0.49 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	16.58 0.13 0.00	17.48 0.14 0.00	17.83 0.08 0.00	17.37 -0.04 0.00	15.34 -0.30 0.00	17.89 -0.60 0.00	17.05 -0.61 0.00	18.34 -0.69 0.00	-14.95 -0.96 33.61	-21.61 -0.93 40.51	-21.61 -0.94 41.35	-11.20 -0.96 31.04	-12.12 -0.92 31.63	-29.72 -0.89 49.61	-21.89 -0.81 40.82	-22.56 -0.97 43.87	-28.12 -0.98 49.45	8.36 -0.80 10.06	17.10 -0.64 2.62	22.00 -0.61 0.00	22.31 -0.40 0.00	19.68 -0.26 0.00	17.00 -0.49 0.00	16.42 -0.84 0.00

LACHUTE____HYDRO 323717	18.11 1.66 0.00	18.91 1.57 0.00	19.44 1.69 0.00	19.18 1.78 0.00	17.38 1.69 -0.05	20.73 2.24 0.00	19.73 2.08 0.00	21.12 2.08 0.00	21.64 2.02 0.00	22.01 2.17 0.00	22.91 2.23 0.00	23.15 2.36 0.00	22.79 2.36 0.00	23.13 2.36 0.00	22.97 2.40 -0.83	24.93 2.61 -0.04	24.79 2.48 0.00	21.31 2.09 0.00	22.85 2.48 0.00	25.30 2.69 0.00	25.35 2.65 0.00	22.06 2.12 0.00	20.53 2.14 -0.89	19.39 2.13 0.00
LAWRNCAV_115KV_TB1 80681	16.05 -0.41 0.00	16.92 -0.43 0.00	17.32 -0.44 -0.02	16.89 -0.53 -0.02	15.13 -0.53 -0.01	17.82 -0.69 -0.02	17.00 -0.66 -0.01	18.31 -0.74 -0.01	23.43 -0.94 -4.76	24.63 -0.96 -5.75	25.68 -0.87 -5.87	24.31 -0.91 -4.42	23.78 -0.89 -4.24	24.56 -0.87 -4.65	24.64 -0.83 -5.72	27.28 -0.98 -5.97	25.45 -0.95 -4.09	19.77 -0.87 -1.41	17.17 -0.90 2.30	21.73 -0.88 0.00	21.90 -0.81 0.00	19.25 -0.70 0.00	16.80 -0.71 -0.01	16.55 -0.71 0.00
LEDERLE____ 23769	17.95 1.41 -0.09	18.86 1.42 -0.10	19.45 1.43 -0.27	19.09 1.43 -0.26	17.23 1.32 -0.26	20.27 1.53 -0.25	19.26 1.47 -0.13	20.89 1.65 -0.21	21.56 1.82 -0.13	21.80 1.90 -0.06	22.72 1.99 -0.05	22.99 1.98 -0.22	22.49 1.96 -0.10	22.80 2.01 -0.02	22.31 1.89 -0.66	24.45 2.11 -0.05	24.36 2.04 -0.02	20.98 1.75 0.00	22.30 1.93 -0.01	24.76 2.12 -0.03	24.87 2.09 -0.07	21.75 1.78 -0.02	19.80 1.55 -0.76	18.76 1.50 0.00
LIGHTHSE_115KV_TB6 355974	16.18 -0.27 0.00	17.03 -0.30 0.01	17.43 -0.37 -0.05	17.03 -0.42 -0.05	15.23 -0.46 -0.05	18.04 -0.50 -0.05	17.20 -0.48 -0.03	18.55 -0.53 -0.04	19.56 -0.54 -0.49	19.91 -0.49 -0.57	20.79 -0.47 -0.58	20.79 -0.48 -0.47	20.39 -0.47 -0.43	20.72 -0.48 -0.43	19.87 -0.49 -0.61	22.25 -0.62 -0.58	22.05 -0.63 -0.37	18.90 -0.46 -0.14	19.73 -0.48 0.15	22.16 -0.45 -0.01	22.30 -0.42 -0.01	19.54 -0.41 0.00	17.22 -0.35 -0.07	16.86 -0.40 0.00
LINDEN COGEN____ 23786	17.89 1.43 0.00	18.79 1.45 0.00	19.22 1.47 0.00	18.86 1.46 0.00	17.03 1.35 -0.04	20.06 1.57 0.00	19.14 1.49 0.00	20.71 1.67 0.00	21.47 1.85 0.00	21.78 1.94 0.00	22.72 2.03 0.00	22.81 2.02 0.00	22.43 2.00 0.00	22.84 2.06 0.00	22.36 1.96 -0.66	24.50 2.18 -0.04	24.39 2.08 0.00	21.02 1.79 0.00	22.31 1.94 0.00	24.71 2.10 0.00	24.78 2.07 0.00	21.75 1.80 0.00	19.78 1.58 -0.70	18.78 1.52 0.00
LINDHRST_69_KV_BK1 356055	18.34 1.80 -0.09	19.21 1.77 -0.10	19.70 1.69 -0.26	19.35 1.69 -0.26	17.52 1.61 -0.26	20.67 1.93 -0.25	19.66 1.87 -0.13	21.38 2.13 -0.21	22.16 2.41 -0.12	24.19 2.59 -1.76	29.93 2.68 -6.57	29.17 2.66 -5.71	43.34 2.63 -20.27	31.75 2.68 -8.30	59.44 2.54 -37.15	80.21 2.77 -55.16	45.02 2.74 -19.97	21.77 2.36 -0.19	24.01 2.57 -1.07	25.38 2.74 -0.03	25.41 2.63 -0.07	41.76 2.40 -19.41	20.29 2.02 -0.77	19.24 1.98 0.00
LIPA_MISC_IPP 23656	18.09 1.55 -0.09	18.94 1.50 -0.10	19.41 1.40 -0.26	19.08 1.43 -0.26	17.33 1.43 -0.26	20.44 1.70 -0.25	19.46 1.67 -0.13	21.13 1.89 -0.21	21.85 2.10 -0.12	23.89 2.29 -1.76	29.57 2.33 -6.57	28.79 2.28 -5.71	42.95 2.25 -20.27	31.36 2.29 -8.30	59.06 2.16 -37.15	79.73 2.29 -55.16	44.59 2.32 -19.97	21.44 2.03 -0.19	23.69 2.25 -1.07	25.01 2.37 -0.03	25.02 2.25 -0.07	41.42 2.07 -19.41	20.00 1.74 -0.77	18.97 1.71 0.00
LISF____SOLAR 323691	18.01 1.56 0.00	18.85 1.50 0.00	19.16 1.41 0.00	18.83 1.43 0.00	17.13 1.45 -0.04	20.20 1.71 0.00	19.34 1.69 0.00	20.93 1.89 0.00	21.71 2.09 0.00	23.82 2.28 -1.70	29.53 2.33 -6.52	28.57 2.28 -5.49	42.85 2.24 -20.18	31.35 2.29 -8.28	59.04 2.16 -37.13	79.71 2.29 -55.14	44.59 2.32 -19.96	21.45 2.05 -0.18	23.69 2.27 -1.06	24.99 2.38 0.00	24.96 2.25 0.00	41.40 2.07 -19.38	19.94 1.74 -0.70	18.98 1.71 0.00
LITTLE FALLS____HYD 24013	16.30 -0.16 -0.01	17.15 -0.20 0.00	17.54 -0.23 -0.03	17.24 -0.19 -0.03	15.55 -0.12 -0.02	18.30 -0.21 -0.03	17.52 -0.15 -0.01	18.80 -0.26 -0.02	19.62 -0.11 -0.11	19.91 -0.05 -0.13	20.77 -0.04 -0.13	20.79 -0.12 -0.11	20.34 -0.18 -0.10	20.73 -0.12 -0.08	19.83 -0.05 -0.13	22.32 -0.09 -0.13	22.17 -0.20 -0.06	19.19 -0.07 -0.03	20.51 0.03 -0.11	22.56 -0.05 0.00	22.57 -0.14 -0.01	19.86 -0.09 0.00	17.52 0.00 -0.02	17.12 -0.14 0.00
LITTLRIV_115KV_TB1 356100	16.21 -0.24 0.00	17.09 -0.25 0.00	17.51 -0.26 -0.02	17.06 -0.36 -0.02	15.29 -0.37 -0.01	17.99 -0.52 -0.02	17.19 -0.48 -0.01	18.49 -0.56 -0.01	24.10 -0.74 -5.22	25.37 -0.77 -6.31	26.43 -0.69 -6.44	24.93 -0.70 -4.84	24.38 -0.70 -4.65	25.22 -0.68 -5.12	25.36 -0.66 -6.27	28.04 -0.79 -6.54	26.07 -0.75 -4.50	20.08 -0.69 -1.54	17.40 -0.71 2.26	21.96 -0.65 0.00	22.12 -0.59 0.00	19.43 -0.52 0.00	16.96 -0.55 -0.01	16.70 -0.57 0.00
LI_NEWBRDGE____DRP 323616	18.14 1.59 -0.09	19.01 1.57 -0.10	19.50 1.49 -0.26	19.15 1.49 -0.26	17.33 1.43 -0.26	20.43 1.69 -0.25	19.42 1.64 -0.13	21.09 1.85 -0.21	21.84 2.10 -0.12	23.85 2.25 -1.76	29.60 2.35 -6.57	28.84 2.34 -5.71	43.02 2.31 -20.27	31.43 2.35 -8.30	59.12 2.22 -37.15	79.86 2.42 -55.16	44.66 2.38 -19.97	21.45 2.04 -0.19	23.67 2.23 -1.07	25.02 2.38 -0.03	25.06 2.29 -0.07	41.42 2.07 -19.41	20.01 1.75 -0.77	18.98 1.72 0.00
LOCKPORT_115KV_TB60_63_64 80432	13.52 -0.59 2.35	14.17 -0.59 2.58	10.20 -0.63 6.92	10.02 -0.52 6.85	9.35 -0.44 5.86	11.57 -0.41 6.50	13.86 -0.38 3.42	13.22 -0.30 5.52	16.56 -0.29 2.78	18.47 -0.42 0.95	19.69 -0.48 0.52	15.45 -0.16 5.18	18.10 -0.23 2.10	20.42 -0.37 -0.02	19.52 -0.40 -0.18	21.94 -0.43 -0.08	22.10 -0.26 -0.05	19.06 -0.18 -0.02	19.80 -0.44 0.13	21.10 -0.62 0.90	20.25 -0.64 1.81	18.79 -0.62 0.54	15.19 -0.62 1.68	16.71 -0.56 0.00
LOCKPORT____CC1 323769	9.62 -0.56 6.27	9.57 -0.55 7.22	9.70 -0.61 7.44	9.52 -0.51 7.37	8.89 -0.45 6.30	11.05 -0.44 7.00	13.58 -0.40 3.67	12.78 -0.32 5.93	16.30 -0.27 3.05	18.34 -0.40 1.10	19.57 -0.47 0.64	14.99 -0.18 5.63	17.80 -0.24 2.39	19.58 -0.37 0.82	19.44 -0.41 -0.11	21.88 -0.41 -0.01	22.05 -0.26 0.00	19.02 -0.21 0.00	19.78 -0.45 0.13	21.01 -0.64 0.96	20.10 -0.66 1.95	18.74 -0.63 0.58	15.05 -0.62 1.82	16.70 -0.57 0.00
LOCKPORT____CC2 323770	9.62 -0.56 6.27	9.57 -0.55 7.22	9.70 -0.61 7.44	9.52 -0.51 7.37	8.89 -0.45 6.30	11.05 -0.44 7.00	13.58 -0.40 3.67	12.78 -0.32 5.93	16.30 -0.27 3.05	18.34 -0.40 1.10	19.57 -0.47 0.64	14.99 -0.18 5.63	17.80 -0.24 2.39	19.58 -0.37 0.82	19.44 -0.41 -0.11	21.88 -0.41 -0.01	22.05 -0.26 0.00	19.02 -0.21 0.00	19.78 -0.45 0.13	21.01 -0.64 0.96	20.10 -0.66 1.95	18.74 -0.63 0.58	15.05 -0.62 1.82	16.70 -0.57 0.00
LOCKPORT____CC3 323771	9.62 -0.56 6.27	9.57 -0.55 7.22	9.70 -0.61 7.44	9.52 -0.51 7.37	8.89 -0.45 6.30	11.05 -0.44 7.00	13.58 -0.40 3.67	12.78 -0.32 5.93	16.30 -0.27 3.05	18.34 -0.40 1.10	19.57 -0.47 0.64	14.99 -0.18 5.63	17.80 -0.24 2.39	19.58 -0.37 0.82	19.44 -0.41 -0.11	21.88 -0.41 -0.01	22.05 -0.26 0.00	19.02 -0.21 0.00	19.78 -0.45 0.13	21.01 -0.64 0.96	20.10 -0.66 1.95	18.74 -0.63 0.58	15.05 -0.62 1.82	16.70 -0.57 0.00

LONG_LAKE_PHOENIX 24014	16.21 -0.24 0.00	17.07 -0.26 0.01	17.53 -0.27 -0.05	17.20 -0.25 -0.05	15.47 -0.22 -0.05	18.30 -0.24 -0.05	17.47 -0.21 -0.03	18.85 -0.23 -0.04	19.57 -0.21 -0.17	19.81 -0.21 -0.19	20.64 -0.23 -0.19	20.77 -0.21 -0.17	20.36 -0.22 -0.14	20.64 -0.24 -0.11	19.75 -0.22 -0.23	22.23 -0.24 -0.18	22.18 -0.21 -0.09	19.11 -0.16 -0.04	20.15 -0.18 0.04	22.40 -0.22 -0.01	22.49 -0.24 -0.01	19.72 -0.23 0.00	17.39 -0.18 -0.08	17.06 -0.20 0.00
LOVETT___3 23632	17.87 1.33 -0.09	18.78 1.34 -0.10	19.37 1.35 -0.27	19.01 1.35 -0.26	17.15 1.25 -0.26	20.19 1.45 -0.25	19.17 1.38 -0.13	20.80 1.56 -0.21	21.46 1.72 -0.13	21.70 1.80 -0.06	22.61 1.89 -0.05	22.89 1.87 -0.22	22.39 1.86 -0.10	22.70 1.90 -0.02	22.21 1.79 -0.67	24.34 2.00 -0.05	24.25 1.93 -0.02	20.88 1.66 0.00	22.19 1.82 -0.01	24.63 1.99 -0.03	24.74 1.97 -0.07	21.64 1.67 -0.02	19.71 1.46 -0.76	18.68 1.41 0.00
LOVETT___4 23642	17.87 1.33 -0.09	18.78 1.34 -0.10	19.37 1.35 -0.27	19.01 1.35 -0.26	17.15 1.25 -0.26	20.19 1.45 -0.25	19.17 1.38 -0.13	20.80 1.56 -0.21	21.46 1.72 -0.13	21.70 1.80 -0.06	22.61 1.89 -0.05	22.89 1.87 -0.22	22.39 1.86 -0.10	22.70 1.90 -0.02	22.21 1.79 -0.67	24.34 2.00 -0.05	24.25 1.93 -0.02	20.88 1.66 0.00	22.19 1.82 -0.01	24.63 1.99 -0.03	24.74 1.97 -0.07	21.64 1.67 -0.02	19.71 1.46 -0.76	18.68 1.41 0.00
LOVETT___5 23593	17.87 1.33 -0.09	18.78 1.34 -0.10	19.37 1.35 -0.27	19.01 1.35 -0.26	17.15 1.25 -0.26	20.19 1.45 -0.25	19.17 1.38 -0.13	20.80 1.56 -0.21	21.46 1.72 -0.13	21.70 1.80 -0.06	22.61 1.89 -0.05	22.89 1.87 -0.22	22.39 1.86 -0.10	22.70 1.90 -0.02	22.21 1.79 -0.67	24.34 2.00 -0.05	24.25 1.93 -0.02	20.88 1.66 0.00	22.19 1.82 -0.01	24.63 1.99 -0.03	24.74 1.97 -0.07	21.64 1.67 -0.02	19.71 1.46 -0.76	18.68 1.41 0.00
LOWER RAQUET___HYD 24057	15.93 -0.52 0.00	16.80 -0.54 0.00	17.18 -0.57 0.00	16.74 -0.66 0.00	14.99 -0.65 0.00	17.64 -0.85 0.00	16.84 -0.81 0.00	18.13 -0.91 0.00	24.15 -1.11 -5.64	25.54 -1.12 -6.82	26.60 -1.04 -6.96	24.95 -1.08 -5.23	24.56 -1.06 -5.18	26.73 -1.04 -6.99	25.58 -0.99 -6.82	28.36 -1.17 -7.24	27.83 -1.15 -6.67	19.88 -1.03 -1.68	17.08 -1.06 2.22	21.56 -1.05 0.00	21.73 -0.98 0.00	19.10 -0.85 0.00	16.65 -0.85 0.00	16.40 -0.86 0.00
LOWER___HUDSON 24059	17.24 0.79 0.00	18.12 0.78 0.00	18.56 0.81 0.00	18.21 0.80 0.00	16.46 0.77 -0.04	19.39 0.90 0.00	18.50 0.84 0.00	19.91 0.87 0.00	20.60 0.98 0.00	20.85 1.02 0.00	21.72 1.04 0.00	21.82 1.02 0.00	21.44 1.01 0.00	21.81 1.03 0.00	21.57 1.01 -0.81	23.44 1.11 -0.04	23.36 1.05 0.00	20.14 0.91 0.00	21.40 1.03 0.00	23.68 1.06 0.00	23.75 1.05 0.00	20.85 0.90 0.00	19.22 0.85 -0.87	18.09 0.83 0.00
LOWVILLE_115KV_TB2 356335	16.23 -0.25 -0.03	17.09 -0.26 -0.01	17.42 -0.39 -0.06	16.85 -0.62 -0.06	15.03 -0.68 -0.06	17.77 -0.78 -0.06	16.88 -0.81 -0.03	18.20 -0.89 -0.05	19.97 -0.92 -1.27	20.58 -0.77 -1.51	21.58 -0.64 -1.54	21.26 -0.73 -1.20	20.86 -0.70 -1.13	21.21 -0.77 -1.20	20.60 -0.67 -1.52	22.85 -0.99 -1.56	22.26 -1.10 -1.06	18.74 -0.85 -0.37	19.11 -0.85 0.41	21.75 -0.87 -0.01	21.90 -0.82 -0.02	19.15 -0.80 0.00	16.84 -0.71 -0.05	16.50 -0.77 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	17.57 0.97 -0.15	18.43 0.97 -0.11	18.93 0.99 -0.19	18.58 0.99 -0.19	16.78 0.92 -0.21	19.80 1.13 -0.18	18.82 1.07 -0.09	20.33 1.14 -0.16	20.96 1.24 -0.09	21.18 1.30 -0.05	22.05 1.33 -0.04	22.28 1.33 -0.16	21.80 1.30 -0.08	22.13 1.32 -0.03	21.89 1.30 -0.84	23.79 1.44 -0.06	23.70 1.38 -0.01	20.43 1.20 0.00	21.72 1.35 -0.01	24.06 1.43 -0.02	24.16 1.40 -0.05	21.17 1.20 -0.02	19.54 1.10 -0.94	18.33 1.07 0.00
LUTHERNY_35_KV_BK2 355980	17.57 0.97 -0.15	18.43 0.97 -0.11	18.93 0.99 -0.19	18.57 0.98 -0.19	16.78 0.92 -0.21	19.80 1.13 -0.18	18.83 1.08 -0.09	20.34 1.15 -0.16	20.96 1.25 -0.09	21.19 1.31 -0.05	22.05 1.33 -0.04	22.28 1.32 -0.16	21.80 1.30 -0.08	22.13 1.32 -0.03	21.90 1.31 -0.84	23.80 1.46 -0.06	23.69 1.37 -0.01	20.43 1.20 0.00	21.74 1.36 -0.01	24.06 1.42 -0.02	24.16 1.40 -0.05	21.17 1.21 -0.02	19.52 1.09 -0.94	18.32 1.06 0.00
LWR___OSWEGATCHIE_HYD 23850	15.88 -0.58 -0.01	16.74 -0.61 0.00	17.10 -0.68 -0.03	16.63 -0.81 -0.03	14.86 -0.81 -0.03	17.55 -0.98 -0.03	16.70 -0.96 -0.01	18.02 -1.04 -0.03	22.68 -1.20 -4.26	23.83 -1.15 -5.14	24.87 -1.07 -5.25	23.63 -1.13 -3.96	23.13 -1.10 -3.80	23.85 -1.10 -4.17	23.83 -1.04 -5.12	26.34 -1.28 -5.34	24.69 -1.30 -3.68	19.38 -1.10 -1.26	17.58 -1.13 1.65	21.47 -1.14 0.00	21.64 -1.08 -0.01	18.98 -0.97 0.00	16.62 -0.91 -0.03	16.32 -0.95 0.00
LYONS_FALL_HYD 23570	16.38 -0.08 0.00	17.26 -0.08 0.00	17.58 -0.17 0.00	17.08 -0.32 0.00	15.29 -0.35 0.00	18.07 -0.42 0.00	17.23 -0.42 0.00	18.56 -0.48 0.00	19.98 -0.47 -0.83	20.45 -0.38 -1.00	21.40 -0.30 -1.02	21.21 -0.35 -0.77	20.85 -0.34 -0.76	21.42 -0.38 -1.02	20.45 -0.32 -1.03	22.83 -0.52 -1.06	22.71 -0.58 -0.98	19.05 -0.42 -0.25	19.72 -0.41 0.23	22.19 -0.42 0.00	22.32 -0.39 0.00	19.55 -0.40 0.00	17.17 -0.35 -0.03	16.86 -0.40 0.00
MADISON___COUNTY_LFGE 323628	16.82 0.27 -0.10	17.68 0.27 -0.07	18.16 0.24 -0.17	17.78 0.22 -0.16	15.99 0.20 -0.14	18.88 0.23 -0.16	17.99 0.25 -0.08	19.43 0.27 -0.13	20.27 0.34 -0.32	20.50 0.34 -0.33	21.34 0.34 -0.33	21.49 0.34 -0.36	21.02 0.31 -0.28	21.33 0.32 -0.24	20.41 0.32 -0.34	22.95 0.35 -0.32	22.89 0.38 -0.20	19.67 0.38 -0.08	20.75 0.40 0.01	23.08 0.45 -0.02	23.23 0.48 -0.04	20.34 0.38 -0.01	17.90 0.31 -0.09	17.52 0.25 0.00
MALONE___115KV_TB1 356076	16.41 -0.04 0.00	17.31 -0.03 0.00	17.66 -0.09 0.00	17.19 -0.21 0.00	15.25 -0.39 0.00	17.84 -0.65 0.00	17.00 -0.65 0.00	18.34 -0.70 0.00	41.45 -0.91 -22.74	46.39 -0.90 -27.46	47.83 -0.88 -28.03	40.94 -0.90 -21.04	39.85 -0.87 -20.29	42.72 -0.84 -22.78	46.28 -0.82 -27.35	49.91 -0.94 -28.56	41.61 -0.91 -20.21	25.14 -0.81 -6.72	17.16 -0.71 2.50	21.98 -0.63 0.00	22.25 -0.46 0.00	19.59 -0.35 0.00	16.96 -0.54 -0.01	16.48 -0.78 0.00
MAPLEWOD_115KV_TB3 80458	17.41 0.80 -0.15	18.27 0.80 -0.12	18.76 0.81 -0.20	18.41 0.81 -0.20	16.62 0.77 -0.21	19.55 0.87 -0.18	18.59 0.84 -0.10	20.09 0.89 -0.16	20.73 1.02 -0.10	20.95 1.07 -0.05	21.82 1.11 -0.04	22.05 1.08 -0.16	21.56 1.06 -0.08	21.90 1.09 -0.03	21.63 1.06 -0.82	23.53 1.18 -0.06	23.44 1.12 -0.01	20.23 1.00 0.00	21.48 1.11 -0.01	23.79 1.15 -0.03	23.87 1.12 -0.05	20.94 0.97 -0.02	19.30 0.89 -0.92	18.12 0.85 0.00
MAPLE RIDGE_WT_1 323574	16.01 -0.44 0.00	16.79 -0.55 0.00	17.13 -0.62 0.00	16.63 -0.77 0.00	14.91 -0.73 0.00	17.57 -0.93 0.00	16.61 -1.04 0.00	17.82 -1.22 0.00	18.27 -1.31 0.04	18.48 -1.36 0.00	19.36 -1.32 0.00	19.47 -1.32 0.00	19.08 -1.34 0.00	19.39 -1.39 0.00	18.45 -1.30 0.00	20.90 -1.39 0.00	20.99 -1.32 0.00	18.03 -1.19 0.00	14.26 -1.25 4.85	21.28 -1.33 0.00	21.42 -1.29 0.00	18.76 -1.18 0.00	16.39 -1.10 0.00	16.31 -0.95 0.00

MAPLE_RIDGE_WT_2 323611	16.01 -0.44 0.00	16.79 -0.55 0.00	17.13 -0.62 0.00	16.63 -0.77 0.00	14.91 -0.73 0.00	17.57 -0.93 0.00	16.61 -1.04 0.00	17.82 -1.22 0.00	18.27 -1.31 0.04	18.48 -1.36 0.00	19.36 -1.32 0.00	19.47 -1.32 0.00	19.08 -1.34 0.00	19.39 -1.39 0.00	18.45 -1.30 0.00	20.90 -1.39 0.00	20.99 -1.32 0.00	18.03 -1.19 0.00	14.26 -1.25 4.85	21.28 -1.33 0.00	21.42 -1.29 0.00	18.76 -1.18 0.00	16.39 -1.10 0.00	16.31 -0.95 0.00
MARBLE_RIVER_WT_PWR 323696	16.40 -0.05 0.00	17.31 -0.04 0.00	17.66 -0.09 0.00	17.19 -0.21 0.00	15.19 -0.46 0.00	17.70 -0.79 0.00	16.85 -0.80 0.00	18.14 -0.89 0.00	-14.49 -1.14 32.97	-21.00 -1.09 39.74	-21.00 -1.11 40.57	-10.81 -1.16 30.45	-10.90 -1.13 30.20	-21.01 -1.05 40.73	-21.00 -1.01 39.74	-21.03 -1.13 42.18	-17.72 -1.18 38.85	8.37 -1.05 9.80	16.82 -0.92 2.63	21.74 -0.87 0.00	22.06 -0.64 0.00	19.46 -0.49 0.00	16.78 -0.72 0.00	16.23 -1.03 0.00
MARSHVLE_115KV_TB1 80742	17.50 0.96 -0.09	18.40 0.96 -0.10	18.99 0.95 -0.28	18.62 0.94 -0.28	16.71 0.77 -0.30	19.81 1.06 -0.27	18.78 0.98 -0.14	20.50 1.24 -0.23	21.02 1.27 -0.14	21.13 1.23 -0.06	22.02 1.29 -0.05	22.34 1.31 -0.23	21.73 1.19 -0.11	22.03 1.23 -0.02	21.93 1.19 -0.99	23.82 1.46 -0.07	23.86 1.54 -0.02	20.49 1.26 0.00	21.70 1.33 -0.01	24.22 1.57 -0.04	24.41 1.63 -0.07	21.33 1.36 -0.02	19.70 1.09 -1.12	18.34 1.08 0.00
MARSH_HILL_WT_PWR 323713	41.33 -0.78 -25.66	46.05 -0.84 -29.54	47.42 -0.77 -30.44	47.08 -0.47 -30.15	41.01 -0.44 -25.81	46.78 -0.34 -28.64	32.32 -0.36 -15.03	43.08 -0.23 -24.28	31.94 -0.17 -12.49	23.98 -0.37 -4.51	22.84 -0.45 -2.61	43.59 -0.24 -23.03	30.06 -0.16 -9.80	24.01 -0.12 -3.35	20.03 0.14 -0.15	22.55 0.25 -0.01	22.65 0.35 0.00	19.55 0.33 0.00	21.19 0.30 -0.53	26.90 0.35 -3.94	30.96 0.26 -7.99	22.67 0.34 -2.38	25.76 0.18 -8.08	17.25 -0.01 0.00
MCINTYRE_115KV_TB2 80467	16.43 -0.03 0.00	17.33 -0.02 0.00	17.75 -0.01 -0.01	17.32 -0.10 -0.01	15.53 -0.13 -0.01	18.29 -0.21 -0.01	17.47 -0.19 -0.01	18.82 -0.23 -0.01	23.74 -0.40 -4.52	24.87 -0.43 -5.47	25.92 -0.34 -5.59	24.65 -0.35 -4.20	24.10 -0.36 -4.03	24.86 -0.34 -4.42	24.85 -0.33 -5.44	27.55 -0.41 -5.68	25.83 -0.36 -3.88	20.20 -0.36 -1.34	17.67 -0.38 2.32	22.34 -0.27 0.00	22.49 -0.22 0.00	19.77 -0.18 0.00	17.25 -0.26 -0.01	17.00 -0.26 0.00
MECO____69_KV_BK1 80468	18.16 1.50 -0.21	18.99 1.50 -0.15	19.52 1.51 -0.25	19.07 1.42 -0.25	17.22 1.30 -0.27	20.24 1.52 -0.24	19.31 1.53 -0.12	20.90 1.66 -0.20	21.62 1.88 -0.12	21.67 1.78 -0.06	22.60 1.88 -0.04	22.85 1.84 -0.21	22.16 1.63 -0.10	22.62 1.80 -0.04	22.43 1.74 -0.95	24.47 2.12 -0.07	24.47 2.15 -0.01	21.04 1.81 0.00	22.36 1.99 -0.01	24.86 2.22 -0.03	25.01 2.23 -0.07	21.83 1.86 -0.02	20.10 1.54 -1.06	18.73 1.47 0.00
MENANDS__115KV_TB5 355628	17.19 0.58 -0.15	18.06 0.60 -0.12	18.54 0.59 -0.20	18.20 0.60 -0.20	16.45 0.59 -0.21	19.31 0.64 -0.18	18.37 0.62 -0.10	19.84 0.64 -0.16	20.47 0.76 -0.10	20.68 0.80 -0.05	21.57 0.85 -0.04	21.77 0.81 -0.16	21.33 0.82 -0.08	21.66 0.85 -0.03	21.38 0.81 -0.82	23.23 0.89 -0.06	23.15 0.83 -0.01	20.00 0.77 0.00	21.22 0.85 -0.01	23.48 0.85 -0.03	23.55 0.79 -0.05	20.67 0.71 -0.02	19.08 0.67 -0.91	17.89 0.63 0.00
MG INDUSTRY__DRP 24185	17.21 0.60 -0.16	18.10 0.63 -0.13	18.59 0.64 -0.21	18.25 0.64 -0.20	16.48 0.61 -0.21	19.38 0.69 -0.19	18.43 0.67 -0.10	19.90 0.70 -0.16	20.52 0.80 -0.10	20.71 0.82 -0.05	21.58 0.86 -0.04	21.79 0.83 -0.17	21.34 0.83 -0.08	21.66 0.85 -0.03	21.35 0.80 -0.80	23.24 0.89 -0.06	23.17 0.85 -0.01	20.02 0.79 0.00	21.22 0.85 -0.01	23.49 0.85 -0.03	23.57 0.81 -0.05	20.68 0.72 -0.02	19.07 0.69 -0.89	17.93 0.67 0.00
MID__OSWEGATCHIE_HYD 23849	15.88 -0.58 -0.01	16.74 -0.61 0.00	17.10 -0.68 -0.03	16.63 -0.81 -0.03	14.86 -0.81 -0.03	17.55 -0.98 -0.03	16.70 -0.96 -0.01	18.02 -1.04 -0.03	22.68 -1.20 -4.26	23.83 -1.15 -5.14	24.87 -1.07 -5.25	23.63 -1.13 -3.96	23.13 -1.10 -3.80	23.85 -1.10 -4.17	23.83 -1.04 -5.12	26.34 -1.28 -5.34	24.69 -1.30 -3.68	19.38 -1.10 -1.26	17.58 -1.13 1.65	21.47 -1.14 0.00	21.64 -1.08 -0.01	18.98 -0.97 0.00	16.62 -0.91 -0.03	16.32 -0.95 0.00
MID__RAQUETTE_HYD 23851	15.94 -0.52 0.00	16.80 -0.54 0.00	17.20 -0.57 -0.02	16.76 -0.66 -0.02	15.01 -0.65 -0.02	17.66 -0.85 -0.02	16.85 -0.81 -0.01	18.14 -0.90 -0.01	24.16 -1.11 -5.65	25.54 -1.12 -6.82	26.60 -1.04 -6.96	24.96 -1.08 -5.24	24.41 -1.06 -5.03	25.30 -1.03 -5.55	25.54 -0.99 -6.79	28.20 -1.17 -7.08	26.06 -1.14 -4.89	19.86 -1.03 -1.67	17.08 -1.07 2.22	21.56 -1.05 0.00	21.73 -0.98 0.00	19.09 -0.85 0.00	16.67 -0.85 -0.02	16.40 -0.86 0.00
MILLIKEN__1 23584	17.63 0.39 -0.79	18.67 0.41 -0.91	20.41 0.38 -2.29	20.10 0.43 -2.27	17.99 0.40 -1.95	21.16 0.52 -2.15	19.26 0.47 -1.13	21.41 0.55 -1.82	21.27 0.64 -1.01	20.89 0.62 -0.43	21.56 0.59 -0.29	23.22 0.62 -1.80	21.81 0.60 -0.78	21.47 0.61 -0.08	20.52 0.54 -0.23	23.07 0.69 -0.10	23.11 0.74 -0.06	19.92 0.67 -0.02	21.08 0.68 -0.03	23.70 0.79 -0.30	24.08 0.78 -0.60	20.78 0.66 -0.18	18.82 0.56 -0.76	17.75 0.49 0.00
MILLIKEN__2 23585	17.63 0.39 -0.79	18.67 0.41 -0.91	20.41 0.38 -2.29	20.10 0.43 -2.27	17.99 0.40 -1.95	21.16 0.52 -2.15	19.26 0.47 -1.13	21.41 0.55 -1.82	21.27 0.64 -1.01	20.89 0.62 -0.43	21.56 0.59 -0.29	23.22 0.62 -1.80	21.81 0.60 -0.78	21.47 0.61 -0.08	20.52 0.54 -0.23	23.07 0.69 -0.10	23.11 0.74 -0.06	19.92 0.67 -0.02	21.08 0.68 -0.03	23.70 0.79 -0.30	24.08 0.78 -0.60	20.78 0.66 -0.18	18.82 0.56 -0.76	17.75 0.49 0.00
MILLIKEN__DIESEL 23629	17.63 0.39 -0.79	18.67 0.41 -0.91	20.41 0.38 -2.29	20.10 0.43 -2.27	17.99 0.40 -1.95	21.16 0.52 -2.15	19.26 0.47 -1.13	21.41 0.55 -1.82	21.27 0.64 -1.01	20.89 0.62 -0.43	21.56 0.59 -0.29	23.22 0.62 -1.80	21.81 0.60 -0.78	21.47 0.61 -0.08	20.52 0.54 -0.23	23.07 0.69 -0.10	23.11 0.74 -0.06	19.92 0.67 -0.02	21.08 0.68 -0.03	23.70 0.79 -0.30	24.08 0.78 -0.60	20.78 0.66 -0.18	18.82 0.56 -0.76	17.75 0.49 0.00
MILLSEAT__LFGE 323607	12.71 0.08 3.82	13.06 0.10 4.39	13.29 0.06 4.52	13.04 0.13 4.48	11.93 0.12 3.83	14.49 0.25 4.26	15.71 0.29 2.23	15.87 0.45 3.61	18.32 0.56 1.85	19.63 0.46 0.67	20.71 0.42 0.39	18.01 0.64 3.43	19.50 0.53 1.46	20.57 0.30 0.50	20.08 0.23 -0.10	22.61 0.32 -0.01	22.87 0.56 0.00	19.79 0.57 0.00	20.72 0.43 0.08	22.41 0.38 0.58	21.88 0.36 1.18	19.86 0.26 0.35	16.56 0.13 1.07	17.39 0.13 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	17.92 1.38 -0.09	18.83 1.39 -0.10	19.41 1.40 -0.26	19.05 1.39 -0.26	17.18 1.28 -0.26	20.24 1.50 -0.25	19.21 1.43 -0.13	20.85 1.61 -0.21	21.52 1.78 -0.12	21.76 1.87 -0.06	22.68 1.96 -0.04	22.96 1.95 -0.21	22.46 1.93 -0.10	22.77 1.98 -0.02	22.30 1.87 -0.67	24.43 2.08 -0.06	24.33 2.00 -0.02	20.95 1.72 0.00	22.25 1.88 -0.01	24.68 2.04 -0.03	24.78 2.01 -0.07	21.70 1.73 -0.02	19.77 1.51 -0.77	18.72 1.46 0.00

MILLWOOD_13_KV_LOAD 356217	17.95 1.41 -0.09	18.87 1.43 -0.10	19.44 1.43 -0.26	19.08 1.42 -0.26	17.21 1.31 -0.26	20.28 1.54 -0.25	19.26 1.47 -0.13	20.90 1.65 -0.21	21.57 1.83 -0.12	21.82 1.92 -0.06	22.74 2.01 -0.04	23.01 2.00 -0.21	22.51 1.99 -0.10	22.82 2.03 -0.02	22.34 1.92 -0.67	24.48 2.14 -0.06	24.39 2.06 -0.02	21.00 1.77 0.00	22.31 1.94 -0.01	24.74 2.10 -0.03	24.84 2.07 -0.07	21.75 1.78 -0.02	19.82 1.55 -0.77	18.76 1.50 0.00
MODEL_CITY_ENERGY 24167	9.64 -0.68 6.13	9.61 -0.67 7.06	9.74 -0.74 7.28	9.55 -0.64 7.21	8.92 -0.57 6.16	11.06 -0.58 6.85	13.52 -0.54 3.59	12.78 -0.46 5.80	16.20 -0.43 2.98	18.15 -0.61 1.08	19.37 -0.69 0.63	14.96 -0.33 5.51	17.70 -0.38 2.34	19.45 -0.53 0.80	19.29 -0.57 -0.11	21.67 -0.62 -0.01	21.84 -0.47 0.00	18.84 -0.39 0.00	19.60 -0.64 0.13	20.82 -0.85 0.94	19.94 -0.87 1.90	18.55 -0.83 0.57	14.94 -0.79 1.78	16.54 -0.72 0.00
MODERN_LFGE_ 323580	9.64 -0.68 6.13	9.61 -0.67 7.06	9.74 -0.74 7.28	9.55 -0.64 7.21	8.92 -0.57 6.16	11.06 -0.58 6.85	13.52 -0.54 3.59	12.78 -0.46 5.80	16.20 -0.43 2.98	18.15 -0.61 1.08	19.37 -0.69 0.63	14.96 -0.33 5.51	17.70 -0.38 2.34	19.45 -0.53 0.80	19.29 -0.57 -0.11	21.67 -0.62 -0.01	21.84 -0.47 0.00	18.84 -0.39 0.00	19.60 -0.64 0.13	20.82 -0.85 0.94	19.94 -0.87 1.90	18.55 -0.83 0.57	14.94 -0.79 1.78	16.54 -0.72 0.00
MOHAWK_PAPER___DRP 24187	17.41 0.80 -0.15	18.27 0.80 -0.12	18.76 0.81 -0.20	18.41 0.81 -0.20	16.62 0.77 -0.21	19.55 0.87 -0.18	18.59 0.84 -0.10	20.09 0.89 -0.16	20.73 1.02 -0.10	20.95 1.07 -0.05	21.82 1.11 -0.04	22.05 1.08 -0.16	21.56 1.06 -0.08	21.90 1.09 -0.03	21.63 1.06 -0.82	23.53 1.18 -0.06	23.44 1.12 -0.01	20.23 1.00 0.00	21.48 1.11 -0.01	23.79 1.15 -0.03	23.87 1.12 -0.05	20.94 0.97 -0.02	19.30 0.89 -0.92	18.12 0.85 0.00
MOHICAN__35_KV_115KV_LD 80490	17.63 1.03 -0.15	18.47 1.01 -0.11	18.99 1.04 -0.19	18.66 1.07 -0.19	16.86 1.00 -0.21	19.96 1.29 -0.18	18.96 1.20 -0.09	20.42 1.23 -0.16	21.03 1.31 -0.09	21.27 1.39 -0.05	22.15 1.43 -0.04	22.42 1.46 -0.16	21.94 1.43 -0.08	22.25 1.44 -0.03	22.03 1.44 -0.85	23.94 1.59 -0.06	23.83 1.51 -0.01	20.53 1.31 0.00	21.88 1.51 -0.01	24.25 1.62 -0.02	24.34 1.59 -0.05	21.31 1.35 -0.02	19.71 1.28 -0.94	18.50 1.24 0.00
MONGAUP___HYD 23641	17.73 1.28 0.00	18.63 1.29 0.00	19.04 1.29 0.00	18.67 1.27 0.00	16.86 1.18 -0.03	19.85 1.36 0.00	18.99 1.33 0.00	20.45 1.42 0.00	21.11 1.49 0.00	21.37 1.54 0.00	22.26 1.58 0.00	22.37 1.58 0.00	21.99 1.57 0.00	22.35 1.57 0.00	21.88 1.51 -0.63	24.00 1.68 -0.03	23.95 1.64 0.00	20.63 1.41 0.00	21.85 1.49 0.00	24.24 1.63 0.00	24.32 1.61 0.00	21.41 1.46 0.00	19.47 1.30 -0.67	18.59 1.32 0.00
MONTAUK___DIESEL 23721	18.54 2.00 -0.09	19.40 1.97 -0.10	19.87 1.87 -0.26	19.57 1.91 -0.26	17.76 1.86 -0.26	21.00 2.26 -0.25	20.00 2.21 -0.13	21.79 2.55 -0.21	22.55 2.80 -0.12	24.64 3.04 -1.76	30.38 3.13 -6.57	29.62 3.12 -5.71	43.74 3.04 -20.27	32.18 3.10 -8.30	59.80 2.91 -37.15	80.11 2.67 -55.16	45.30 3.02 -19.97	22.24 2.83 -0.19	24.54 3.11 -1.07	25.96 3.32 -0.03	25.93 3.16 -0.07	42.20 2.85 -19.41	20.62 2.36 -0.77	19.55 2.29 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	13.48 -0.61 2.37	14.14 -0.61 2.59	10.14 -0.63 6.98	10.29 -0.20 6.91	9.66 -0.07 5.91	11.95 0.01 6.56	14.24 0.04 3.45	13.64 0.17 5.57	16.98 0.16 2.80	18.98 0.11 0.96	20.19 0.04 0.52	15.79 0.22 5.23	18.64 0.33 2.12	21.13 0.34 -0.01	20.38 0.44 -0.19	23.03 0.66 -0.08	23.27 0.92 -0.05	20.05 0.81 -0.02	20.89 0.65 0.13	22.27 0.57 0.90	21.26 0.38 1.83	19.54 0.14 0.55	15.72 -0.10 1.68	17.11 -0.15 0.00
MORTIMER_115KV_TB3 55949	15.95 -0.16 0.35	16.75 -0.15 0.45	16.62 -0.19 0.94	16.36 -0.12 0.93	14.77 -0.09 0.79	17.62 0.01 0.88	17.22 0.03 0.46	18.41 0.12 0.75	19.48 0.18 0.32	19.99 0.22 0.06	20.85 0.17 0.00	20.43 0.28 0.65	20.43 0.23 0.23	20.98 0.15 -0.06	20.02 0.11 -0.17	22.56 0.19 -0.08	22.68 0.32 -0.05	19.57 0.33 -0.02	20.53 0.19 0.03	22.61 0.12 0.12	22.55 0.09 0.25	19.93 0.06 0.07	17.34 -0.01 0.14	17.26 0.00 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.05 1.51 -0.09	18.97 1.53 -0.10	19.56 1.54 -0.26	19.19 1.53 -0.26	17.31 1.41 -0.26	20.39 1.65 -0.25	19.35 1.57 -0.13	21.01 1.77 -0.21	21.70 1.96 -0.12	21.95 2.06 -0.06	22.88 2.16 -0.04	23.16 2.15 -0.21	22.65 2.13 -0.10	22.97 2.18 -0.02	22.48 2.06 -0.67	24.63 2.29 -0.06	24.52 2.19 -0.02	21.11 1.88 0.00	22.42 2.04 -0.01	24.85 2.21 -0.03	24.95 2.18 -0.07	21.85 1.88 -0.02	19.91 1.65 -0.77	18.86 1.60 0.00
MUNSVILLE_WIND_PWR 323609	18.98 1.15 -1.37	20.15 1.22 -1.58	20.48 1.09 -1.63	20.08 1.06 -1.62	17.99 0.95 -1.39	21.28 1.25 -1.54	19.63 1.17 -0.81	21.78 1.45 -1.30	21.89 1.61 -0.67	21.57 1.49 -0.24	22.31 1.49 -0.14	23.52 1.49 -1.24	22.41 1.46 -0.53	22.44 1.48 -0.18	21.51 1.55 -0.21	24.04 1.75 -0.01	24.14 1.82 0.00	20.83 1.61 0.00	22.16 1.77 -0.03	24.89 2.07 -0.21	25.18 2.04 -0.43	21.82 1.74 -0.13	19.65 1.50 -0.65	18.61 1.35 0.00
N SALMON___HYD 24042	16.41 -0.04 0.00	17.30 -0.04 0.00	17.66 -0.09 0.00	17.19 -0.21 0.00	15.26 -0.39 0.00	17.84 -0.65 0.00	17.01 -0.65 0.00	18.34 -0.70 0.00	41.44 -0.93 -22.74	46.38 -0.91 -27.46	47.83 -0.89 -28.03	40.94 -0.90 -21.04	40.42 -0.87 -20.86	48.08 -0.84 -28.15	46.39 -0.82 -27.46	50.49 -0.95 -29.15	48.24 -0.91 -26.84	25.19 -0.81 -6.77	17.16 -0.71 2.50	21.98 -0.63 0.00	22.25 -0.46 0.00	19.60 -0.35 0.00	16.95 -0.54 0.00	16.48 -0.78 0.00
N.AKRON__115KV_KNAPP 355671	14.15 -0.29 2.01	14.85 -0.27 2.22	11.51 -0.31 5.92	11.32 -0.21 5.87	10.47 -0.16 5.02	12.84 -0.09 5.57	14.68 -0.05 2.92	14.37 0.06 4.72	17.36 0.11 2.37	19.02 -0.02 0.80	20.19 -0.06 0.43	16.59 0.22 4.42	18.77 0.12 1.79	20.75 -0.05 -0.02	19.88 -0.05 -0.18	22.30 -0.07 -0.08	22.50 0.14 -0.05	19.43 0.19 -0.02	20.22 -0.03 0.11	21.69 -0.15 0.77	20.98 -0.18 1.55	19.28 -0.21 0.46	15.79 -0.27 1.43	17.03 -0.23 0.00
N.BELMOR_69_KV_BK1 55787	18.25 1.71 -0.09	19.12 1.68 -0.10	19.63 1.62 -0.26	19.27 1.62 -0.26	17.43 1.53 -0.26	20.56 1.82 -0.25	19.53 1.75 -0.13	21.23 1.99 -0.21	21.98 2.24 -0.12	24.01 2.41 -1.76	29.76 2.52 -6.57	29.01 2.50 -5.71	43.18 2.48 -20.27	31.61 2.53 -8.30	59.26 2.36 -37.15	80.06 2.61 -55.16	44.85 2.57 -19.97	21.62 2.21 -0.19	23.84 2.40 -1.07	25.21 2.56 -0.03	25.26 2.48 -0.07	41.58 2.23 -19.41	20.15 1.88 -0.77	19.11 1.85 0.00
N.E._GEN_SANDY PD 24062	17.44 0.99 0.00	18.32 0.97 0.00	18.75 1.00 0.00	18.39 0.99 0.00	16.63 0.94 -0.04	19.59 1.10 0.00	18.68 1.03 0.00	20.13 1.09 0.00	20.85 1.23 0.00	21.10 1.27 0.00	21.96 1.28 0.00	22.07 1.28 0.00	21.70 1.27 0.00	22.07 1.29 0.00	21.73 1.25 -0.73	23.70 1.38 -0.04	23.71 1.31 -0.09	20.19 1.13 0.16	21.81 1.25 -0.19	25.13 1.31 -1.20	23.99 1.29 0.00	21.05 1.10 0.00	19.30 1.02 -0.78	18.26 1.00 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	17.89 1.35 -0.09	18.80 1.36 -0.10	19.39 1.38 -0.27	19.04 1.37 -0.26	17.18 1.27 -0.26	20.22 1.47 -0.25	19.19 1.41 -0.13	20.83 1.59 -0.21	21.50 1.75 -0.13	21.73 1.84 -0.06	22.65 1.92 -0.05	22.92 1.90 -0.22	22.41 1.89 -0.10	22.73 1.94 -0.02	22.24 1.82 -0.66	24.37 2.03 -0.05	24.28 1.96 -0.02	20.91 1.68 0.00	22.22 1.85 -0.01	24.67 2.03 -0.03	24.78 2.01 -0.07	21.67 1.70 -0.02	19.74 1.49 -0.76	18.69 1.43 0.00
N.QUEENS_27_KV_LOAD 356247	18.13 1.59 -0.09	18.99 1.55 -0.10	19.56 1.55 -0.26	19.20 1.54 -0.26	17.31 1.41 -0.26	20.40 1.66 -0.25	19.38 1.59 -0.13	21.05 1.81 -0.21	21.74 2.00 -0.13	21.98 2.09 -0.06	22.90 2.18 -0.04	23.18 2.17 -0.21	22.69 2.16 -0.10	23.00 2.20 -0.02	22.51 2.09 -0.67	24.69 2.34 -0.06	24.59 2.26 -0.02	21.15 1.92 0.00	22.45 2.07 -0.01	24.90 2.26 -0.03	24.98 2.20 -0.07	21.83 1.86 -0.02	19.87 1.60 -0.77	18.79 1.54 0.01
N.TROY___115KV_TB1 355778	17.40 0.80 -0.15	18.25 0.79 -0.12	18.76 0.82 -0.20	18.40 0.81 -0.19	16.62 0.76 -0.21	19.57 0.89 -0.18	18.59 0.84 -0.10	20.06 0.87 -0.16	20.70 0.99 -0.09	20.90 1.02 -0.05	21.75 1.04 -0.04	21.98 1.03 -0.16	21.52 1.02 -0.08	21.84 1.03 -0.03	21.58 1.01 -0.83	23.46 1.11 -0.06	23.37 1.05 -0.01	20.14 0.91 0.00	21.41 1.03 -0.01	23.70 1.06 -0.03	23.80 1.04 -0.05	20.86 0.90 -0.02	19.27 0.85 -0.92	18.09 0.83 0.00
NARROWS_GT1_1 24228	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
NARROWS_GT1_2 24229	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
NARROWS_GT1_3 24230	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
NARROWS_GT1_4 24231	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
NARROWS_GT1_5 24232	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
NARROWS_GT1_6 24233	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
NARROWS_GT1_7 24234	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
NARROWS_GT1_8 24235	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
NARROWS_GT2_1 24236	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
NARROWS_GT2_2 24237	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
NARROWS_GT2_3 24238	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
NARROWS_GT2_4 24239	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00

NARROWS_GT2_5 24240	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
NARROWS_GT2_6 24241	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
NARROWS_GT2_7 24242	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
NARROWS_GT2_8 24243	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	17.31 0.69 -0.17	18.20 0.72 -0.13	18.67 0.71 -0.22	18.34 0.73 -0.21	16.56 0.69 -0.22	19.52 0.83 -0.20	18.57 0.81 -0.11	20.08 0.87 -0.17	20.74 1.02 -0.10	20.92 1.04 -0.05	21.78 1.06 -0.04	21.98 1.01 -0.18	21.52 1.01 -0.08	21.85 1.04 -0.04	21.46 0.94 -0.77	23.46 1.11 -0.06	23.40 1.08 -0.01	20.27 1.04 0.00	21.50 1.13 -0.01	23.79 1.15 -0.03	23.86 1.10 -0.06	20.92 0.96 -0.02	19.24 0.87 -0.87	18.10 0.84 0.00
NCHELSEA_115KV_TR2 355582	17.95 1.41 -0.09	18.86 1.43 -0.09	19.44 1.43 -0.26	19.08 1.43 -0.25	17.21 1.31 -0.25	20.28 1.54 -0.24	19.27 1.48 -0.13	20.90 1.66 -0.20	21.59 1.84 -0.12	21.82 1.93 -0.06	22.75 2.02 -0.04	23.02 2.01 -0.21	22.52 1.99 -0.10	22.83 2.04 -0.02	22.36 1.93 -0.68	24.50 2.15 -0.06	24.42 2.09 -0.02	21.03 1.80 0.00	22.34 1.97 -0.01	24.78 2.14 -0.03	24.88 2.10 -0.07	21.76 1.79 -0.02	19.84 1.57 -0.77	18.77 1.50 0.00
NEG CAPITAL___MECHNVIL 23645	17.42 0.97 0.00	18.29 0.95 0.00	18.73 0.98 0.00	18.38 0.98 0.00	16.61 0.92 -0.05	19.61 1.11 0.00	18.72 1.06 0.00	20.16 1.13 0.00	20.87 1.25 0.00	21.14 1.30 0.00	22.02 1.34 0.00	22.13 1.33 0.00	21.73 1.30 0.00	22.11 1.33 0.00	21.87 1.30 -0.82	23.77 1.44 -0.04	23.69 1.38 0.00	20.42 1.20 0.00	21.72 1.35 0.00	24.05 1.44 0.00	24.11 1.40 0.00	21.15 1.20 0.00	19.47 1.09 -0.88	18.32 1.06 0.00
NEG CENTRAL_HIGH_ACRES 23767	16.39 -0.06 0.00	17.29 -0.05 0.00	17.65 -0.10 0.00	17.36 -0.04 0.00	15.62 -0.03 0.00	18.54 0.05 0.00	17.73 0.08 0.00	19.18 0.14 0.00	19.84 0.23 0.00	20.08 0.25 0.00	20.91 0.23 0.00	21.11 0.31 0.00	20.67 0.25 0.00	20.95 0.18 0.00	19.96 0.13 -0.09	22.53 0.24 0.00	22.63 0.32 0.00	19.53 0.30 0.00	20.57 0.21 0.00	22.78 0.17 0.00	22.85 0.14 0.00	20.05 0.11 0.00	17.63 0.04 -0.09	17.30 0.04 0.00
NEG CENTRAL___DRP 24199	17.55 0.10 -0.99	18.57 0.12 -1.11	20.76 0.09 -2.93	20.46 0.17 -2.90	18.29 0.16 -2.49	21.51 0.26 -2.75	19.35 0.25 -1.44	21.67 0.30 -2.33	21.28 0.38 -1.28	20.76 0.39 -0.53	21.38 0.35 -0.35	23.46 0.37 -2.29	21.79 0.37 -0.98	21.22 0.36 -0.09	20.26 0.33 -0.19	22.83 0.43 -0.11	22.87 0.50 -0.06	19.71 0.47 -0.03	20.86 0.45 -0.04	23.49 0.50 -0.38	23.95 0.47 -0.77	20.57 0.40 -0.23	18.70 0.33 -0.87	17.52 0.26 0.00
NEG CENTRAL___INDECK 23768	42.34 -0.48 -26.37	47.20 -0.50 -30.36	48.50 -0.52 -31.28	48.04 -0.34 -30.98	41.82 -0.35 -26.52	47.74 -0.18 -29.43	32.92 0.00 -15.44	44.02 0.05 -24.94	32.48 0.03 -12.83	24.47 0.00 -4.64	23.25 -0.12 -2.69	44.44 -0.02 -23.67	30.37 -0.12 -10.07	23.97 -0.25 -3.45	20.05 0.18 -0.12	22.82 0.53 -0.01	22.89 0.58 0.00	19.94 0.72 0.00	21.65 0.75 -0.54	27.48 0.82 -4.05	31.72 0.81 -8.21	23.12 0.72 -2.45	26.31 0.54 -8.27	17.69 0.43 0.00
NEG CENTRAL___SENECA 23627	18.20 0.17 -1.57	19.29 0.18 -1.76	22.55 0.17 -4.63	22.24 0.25 -4.58	19.83 0.25 -3.93	23.19 0.34 -4.36	20.30 0.36 -2.29	23.14 0.41 -3.69	22.09 0.50 -1.97	21.11 0.50 -0.78	21.63 0.46 -0.49	24.86 0.49 -3.57	22.44 0.50 -1.51	21.34 0.47 -0.09	20.39 0.45 -0.19	22.96 0.58 -0.09	23.02 0.65 -0.05	19.84 0.60 -0.02	21.04 0.60 -0.07	23.87 0.66 -0.60	24.54 0.61 -1.22	20.84 0.53 -0.36	19.24 0.42 -1.33	17.60 0.34 0.00
NEG CENTRAL___STATE_STREET 24147	17.09 0.22 -0.42	18.10 0.27 -0.49	19.16 0.17 -1.24	18.93 0.30 -1.23	16.96 0.25 -1.06	20.12 0.46 -1.17	18.60 0.33 -0.61	20.48 0.45 -0.99	20.75 0.53 -0.60	20.69 0.56 -0.29	21.40 0.50 -0.22	22.35 0.53 -1.02	21.41 0.51 -0.47	21.44 0.58 -0.08	20.41 0.47 -0.20	23.03 0.63 -0.12	23.08 0.70 -0.06	19.89 0.64 -0.03	20.95 0.57 -0.01	23.46 0.68 -0.16	23.71 0.68 -0.33	20.63 0.59 -0.10	18.42 0.50 -0.43	17.70 0.44 0.00
NEG MILLWOOD___DRP 24198	18.01 1.47 -0.09	18.93 1.50 -0.09	19.51 1.50 -0.26	19.15 1.50 -0.25	17.28 1.38 -0.25	20.36 1.62 -0.24	19.34 1.56 -0.13	20.99 1.75 -0.20	21.69 1.95 -0.12	21.94 2.05 -0.06	22.88 2.15 -0.04	23.14 2.14 -0.21	22.64 2.11 -0.10	22.96 2.16 -0.02	22.48 2.05 -0.68	24.63 2.29 -0.06	24.54 2.21 -0.02	21.14 1.91 0.00	22.45 2.08 -0.01	24.90 2.26 -0.03	24.99 2.22 -0.07	21.86 1.89 -0.02	19.92 1.65 -0.78	18.84 1.58 0.00
NEG NORTH_FLCN_SEA 23793	16.61 0.16 0.00	17.52 0.18 0.00	17.87 0.12 0.00	17.42 0.02 0.00	15.38 -0.27 0.00	17.94 -0.55 0.00	17.07 -0.58 0.00	18.37 -0.67 0.00	-14.59 -0.94 33.27	-21.18 -0.91 40.11	-21.18 -0.92 40.94	-10.86 -0.94 30.73	-11.82 -0.90 31.35	-29.55 -0.87 49.45	-21.49 -0.79 40.45	-22.15 -0.97 43.47	-28.02 -0.98 49.35	8.46 -0.80 9.96	17.10 -0.64 2.63	21.99 -0.62 0.00	22.30 -0.40 0.00	19.68 -0.26 0.00	17.02 -0.48 0.00	16.43 -0.83 0.00
NEG NORTH_KES_CHATEGAY 23792	16.43 -0.02 0.00	17.33 -0.01 0.00	17.67 -0.08 0.00	17.20 -0.20 0.00	15.21 -0.44 0.00	17.74 -0.75 0.00	16.89 -0.76 0.00	18.20 -0.83 0.00	-16.85 -1.08 35.38	-23.89 -1.07 42.65	-23.94 -1.09 43.54	-12.98 -1.10 32.68	-13.78 -1.09 33.12	-30.71 -1.05 50.43	-24.06 -1.02 42.79	-24.87 -1.15 46.00	-28.81 -1.13 49.98	7.66 -0.98 10.58	16.92 -0.85 2.59	21.84 -0.77 0.00	22.15 -0.56 0.00	19.53 -0.42 0.00	16.87 -0.63 0.00	16.32 -0.94 0.00

NEG NORTH___ALICE_FALLS 23915	16.58 0.13 0.00	17.48 0.14 0.00	17.83 0.08 0.00	17.37 -0.04 0.00	15.34 -0.30 0.00	17.89 -0.60 0.00	17.05 -0.61 0.00	18.34 -0.69 0.00	-14.95 -0.96 33.61	-21.61 -0.93 40.51	-21.61 -0.94 41.35	-11.20 -0.96 31.04	-12.12 -0.92 31.63	-29.72 -0.89 49.61	-21.89 -0.81 40.82	-22.56 -0.97 43.87	-28.12 -0.98 49.45	8.36 -0.80 10.06	17.10 -0.64 2.62	22.00 -0.61 0.00	22.31 -0.40 0.00	19.68 -0.26 0.00	17.00 -0.49 0.00	16.42 -0.84 0.00
NEG NORTH___LWR_SARANAC 23913	16.58 0.13 0.00	17.48 0.14 0.00	17.83 0.08 0.00	17.37 -0.04 0.00	15.34 -0.30 0.00	17.89 -0.60 0.00	17.05 -0.61 0.00	18.34 -0.69 0.00	-14.95 -0.96 33.61	-21.61 -0.93 40.51	-21.61 -0.94 41.35	-11.20 -0.96 31.04	-12.12 -0.92 31.63	-29.72 -0.89 49.61	-21.89 -0.81 40.82	-22.56 -0.97 43.87	-28.12 -0.98 49.45	8.36 -0.80 10.06	17.10 -0.64 2.62	22.00 -0.61 0.00	22.31 -0.40 0.00	19.68 -0.26 0.00	17.00 -0.49 0.00	16.42 -0.84 0.00
NEG NORTH___PLATTSBURG 23628	16.58 0.13 0.00	17.48 0.13 0.00	17.83 0.08 0.00	17.37 -0.04 0.00	15.35 -0.30 0.00	17.89 -0.60 0.00	17.05 -0.61 0.00	18.34 -0.69 0.00	-14.97 -0.98 33.61	-21.61 -0.94 40.51	-21.62 -0.95 41.35	-11.20 -0.96 31.04	-11.26 -0.92 30.78	-21.64 -0.90 41.52	-21.58 -0.82 40.51	-21.69 -0.98 43.00	-18.27 -0.98 39.59	8.43 -0.80 9.99	17.10 -0.64 2.62	22.00 -0.61 0.00	22.31 -0.40 0.00	19.68 -0.26 0.00	17.00 -0.50 0.00	16.42 -0.84 0.00
NEG WEST_LEA_LOCKPORT 23791	13.32 -0.61 2.52	13.98 -0.61 2.75	9.66 -0.66 7.44	9.49 -0.54 7.37	8.89 -0.46 6.30	11.06 -0.44 6.99	13.58 -0.40 3.67	12.77 -0.33 5.93	16.32 -0.31 2.99	18.39 -0.42 1.03	19.63 -0.48 0.56	15.03 -0.20 5.57	17.91 -0.26 2.26	20.40 -0.39 -0.01	19.51 -0.42 -0.18	21.93 -0.43 -0.08	22.09 -0.27 -0.05	19.06 -0.19 -0.02	19.77 -0.46 0.14	21.01 -0.64 0.96	20.09 -0.67 1.95	18.74 -0.63 0.58	15.05 -0.63 1.82	16.70 -0.56 0.00
NEG WEST___LANCASTR 23811	14.13 0.16 2.49	14.82 0.22 2.75	10.53 0.20 7.42	10.37 0.31 7.35	9.67 0.31 6.28	11.96 0.44 6.97	14.42 0.43 3.66	13.68 0.56 5.92	17.24 0.61 2.98	19.37 0.56 1.03	20.67 0.55 0.56	15.98 0.75 5.56	18.86 0.69 2.25	21.34 0.54 -0.02	20.41 0.46 -0.20	22.96 0.59 -0.08	23.07 0.71 -0.05	19.88 0.64 -0.02	20.72 0.49 0.14	22.12 0.47 0.96	21.19 0.43 1.94	19.70 0.33 0.58	15.96 0.26 1.79	17.49 0.23 0.00
NEG_PENN_ALLEGHNY 23528	16.79 0.34 0.00	17.73 0.38 0.00	18.13 0.38 0.00	17.84 0.44 0.00	16.06 0.40 -0.01	18.99 0.50 0.00	18.13 0.47 0.00	19.59 0.55 0.00	20.22 0.60 0.00	20.46 0.62 0.00	21.31 0.62 0.00	21.45 0.65 0.00	21.06 0.63 0.00	21.40 0.63 0.00	20.58 0.60 -0.22	22.97 0.68 -0.01	23.00 0.69 0.00	19.84 0.61 0.00	21.01 0.65 0.00	23.32 0.71 0.00	23.38 0.67 0.00	20.52 0.58 0.00	18.27 0.54 -0.24	17.71 0.45 0.00
NEG___GEN_MONROE 24207	15.95 -0.05 0.46	16.65 -0.04 0.66	16.52 -0.07 1.16	16.25 0.00 1.15	14.69 0.02 0.97	17.53 0.12 1.08	17.24 0.15 0.57	18.36 0.24 0.92	19.53 0.32 0.41	20.07 0.33 0.09	20.93 0.27 0.02	20.37 0.39 0.82	20.45 0.33 0.30	21.06 0.23 -0.05	20.07 0.15 -0.17	22.61 0.24 -0.08	22.76 0.40 -0.05	19.68 0.43 -0.02	20.66 0.33 0.03	22.73 0.27 0.15	22.64 0.23 0.30	20.04 0.19 0.09	17.38 0.09 0.20	17.36 0.10 0.00
NEPA___ENERGY 23901	12.85 -0.39 3.20	13.47 -0.38 3.50	7.83 -0.39 9.53	7.82 -0.14 9.44	7.49 -0.09 8.07	9.53 0.00 8.96	12.96 0.01 4.70	11.57 0.14 7.60	15.94 0.17 3.85	18.64 0.15 1.34	20.03 0.09 0.74	13.90 0.26 7.15	17.78 0.26 2.91	20.96 0.18 -0.01	20.15 0.21 -0.19	22.73 0.36 -0.08	22.93 0.57 -0.05	19.76 0.52 -0.02	20.54 0.35 0.17	21.63 0.25 1.23	20.36 0.15 2.50	19.23 0.03 0.75	15.04 -0.11 2.35	17.14 -0.12 0.00
NEVERSINK___HYD 23608	18.04 1.58 0.00	18.96 1.61 0.00	19.36 1.61 0.00	18.97 1.56 0.00	17.14 1.46 -0.03	20.14 1.65 0.00	19.29 1.63 0.00	20.77 1.74 0.00	21.62 2.00 0.00	21.87 2.03 0.00	22.81 2.13 0.00	22.92 2.12 0.00	22.49 2.06 0.00	22.89 2.12 0.00	22.41 2.03 -0.63	24.57 2.25 -0.03	24.51 2.21 0.00	21.12 1.89 0.00	22.44 2.07 0.00	24.89 2.28 0.00	24.96 2.25 0.00	21.86 1.91 0.00	19.81 1.64 -0.67	18.82 1.56 0.00
NEWKRMKL_115KV_TB1 55635	17.13 0.52 -0.15	18.01 0.54 -0.12	18.47 0.52 -0.20	18.14 0.54 -0.20	16.40 0.54 -0.21	19.23 0.56 -0.18	18.31 0.55 -0.10	19.76 0.57 -0.16	20.39 0.68 -0.10	20.59 0.71 -0.05	21.49 0.78 -0.04	21.68 0.72 -0.16	21.25 0.74 -0.08	21.58 0.77 -0.03	21.29 0.73 -0.82	23.14 0.80 -0.06	23.06 0.74 -0.01	19.94 0.71 0.00	21.15 0.78 -0.01	23.39 0.76 -0.03	23.46 0.70 -0.05	20.60 0.64 -0.02	19.00 0.60 -0.91	17.83 0.57 0.00
NEWTON___FALLS_HYD 23847	15.88 -0.58 -0.01	16.74 -0.61 0.00	17.10 -0.68 -0.03	16.63 -0.81 -0.03	14.86 -0.81 -0.03	17.55 -0.98 -0.03	16.70 -0.96 -0.01	18.02 -1.04 -0.03	22.68 -1.20 -4.26	23.83 -1.15 -5.14	24.87 -1.07 -5.25	23.63 -1.13 -3.96	23.13 -1.10 -3.80	23.85 -1.10 -4.17	23.83 -1.04 -5.12	26.34 -1.28 -5.34	24.69 -1.30 -3.68	19.38 -1.10 -1.26	17.58 -1.13 1.65	21.47 -1.14 0.00	21.64 -1.08 -0.01	18.98 -0.97 0.00	16.62 -0.91 -0.03	16.32 -0.95 0.00
NGRID_A1_DSASP 323792	9.39 -0.80 6.27	9.33 -0.80 7.21	9.45 -0.87 7.43	9.27 -0.77 7.36	8.66 -0.69 6.29	10.79 -0.71 6.99	13.32 -0.66 3.67	12.50 -0.60 5.93	15.96 -0.61 3.05	18.03 -0.70 1.10	19.24 -0.80 0.64	14.58 -0.59 5.62	17.42 -0.62 2.39	19.09 -0.86 0.82	18.96 -0.90 -0.11	21.38 -0.91 -0.01	21.55 -0.76 0.00	18.58 -0.64 0.00	19.29 -0.94 0.13	20.45 -1.20 0.96	19.52 -1.25 1.94	18.23 -1.14 0.58	14.62 -1.06 1.82	16.32 -0.95 0.00
NGRID_A2_DSASP 323793	9.39 -0.80 6.27	9.33 -0.80 7.21	9.45 -0.87 7.43	9.27 -0.77 7.36	8.66 -0.69 6.29	10.79 -0.71 6.99	13.32 -0.66 3.67	12.50 -0.60 5.93	15.96 -0.61 3.05	18.03 -0.70 1.10	19.24 -0.80 0.64	14.58 -0.59 5.62	17.42 -0.62 2.39	19.09 -0.86 0.82	18.96 -0.90 -0.11	21.38 -0.91 -0.01	21.55 -0.76 0.00	18.58 -0.64 0.00	19.29 -0.94 0.13	20.45 -1.20 0.96	19.52 -1.25 1.94	18.23 -1.14 0.58	14.62 -1.06 1.82	16.32 -0.95 0.00
NGRID_A4_DSASP 323807	13.10 -0.85 2.50	13.73 -0.86 2.75	9.41 -0.91 7.43	9.24 -0.81 7.36	8.66 -0.69 6.29	10.80 -0.71 6.98	13.33 -0.66 3.67	12.49 -0.62 5.93	15.98 -0.66 2.99	18.08 -0.73 1.03	19.30 -0.81 0.56	14.61 -0.62 5.57	17.53 -0.65 2.26	19.91 -0.88 -0.02	19.03 -0.90 -0.18	21.43 -0.93 -0.08	21.59 -0.76 -0.05	18.61 -0.63 -0.02	19.28 -0.95 0.14	20.44 -1.20 0.96	19.51 -1.25 1.95	18.24 -1.13 0.58	14.61 -1.07 1.81	16.31 -0.95 0.00
NIAGARA_115E_LBMP 323715	9.42 -0.75 6.28	9.36 -0.75 7.23	9.48 -0.82 7.45	9.30 -0.72 7.38	8.70 -0.64 6.31	10.82 -0.66 7.01	13.35 -0.62 3.68	12.55 -0.55 5.94	16.04 -0.53 3.06	18.00 -0.73 1.11	19.23 -0.81 0.64	14.74 -0.42 5.64	17.55 -0.48 2.40	19.34 -0.61 0.82	19.19 -0.66 -0.11	21.55 -0.74 -0.01	21.72 -0.59 0.00	18.73 -0.49 0.00	19.48 -0.75 0.13	20.68 -0.97 0.96	19.77 -0.99 1.95	18.42 -0.94 0.58	14.80 -0.88 1.82	16.45 -0.81 0.00

NIAGARA_115W_LBMP 323714	9.40 -0.82 6.23	9.35 -0.82 7.17	9.47 -0.89 7.39	9.29 -0.79 7.32	8.68 -0.70 6.26	10.80 -0.74 6.95	13.32 -0.69 3.65	12.51 -0.64 5.89	15.95 -0.65 3.03	18.00 -0.74 1.10	19.20 -0.84 0.63	14.57 -0.64 5.59	17.40 -0.66 2.38	19.05 -0.91 0.81	18.91 -0.94 -0.11	21.33 -0.96 -0.01	21.49 -0.82 0.00	18.53 -0.69 0.00	19.24 -0.99 0.13	20.40 -1.26 0.96	19.47 -1.30 1.93	18.19 -1.18 0.58	14.59 -1.10 1.80	16.28 -0.98 0.00
NIAGARA_230_LBMP 323716	9.80 -0.73 5.92	9.80 -0.73 6.81	9.93 -0.80 7.02	9.75 -0.70 6.95	9.08 -0.62 5.94	11.25 -0.64 6.60	13.61 -0.58 3.47	12.89 -0.54 5.60	16.25 -0.49 2.88	18.25 -0.55 1.04	19.44 -0.64 0.60	15.06 -0.42 5.31	17.70 -0.47 2.26	19.41 -0.60 0.77	19.24 -0.61 -0.11	21.67 -0.62 -0.01	21.83 -0.49 0.00	18.82 -0.41 0.00	19.57 -0.67 0.12	20.81 -0.89 0.91	19.93 -0.94 1.84	18.56 -0.84 0.55	14.98 -0.81 1.71	16.53 -0.73 0.00
NIAGARA__115KV_198_GIBSON 55903	13.10 -0.87 2.48	13.72 -0.89 2.73	9.42 -0.94 7.39	9.26 -0.82 7.32	8.68 -0.71 6.26	10.82 -0.73 6.94	13.32 -0.68 3.65	12.50 -0.64 5.89	15.96 -0.69 2.97	18.04 -0.77 1.02	19.27 -0.85 0.56	14.60 -0.66 5.53	17.51 -0.68 2.24	19.86 -0.93 -0.02	18.97 -0.96 -0.18	21.38 -0.98 -0.08	21.54 -0.82 -0.05	18.57 -0.67 -0.02	19.24 -1.00 0.13	20.39 -1.26 0.96	19.46 -1.31 1.93	18.19 -1.18 0.58	14.58 -1.12 1.80	16.28 -0.98 0.00
NIAGARA____ 23760	9.70 -0.75 6.00	9.68 -0.74 6.91	9.81 -0.81 7.13	9.63 -0.71 7.06	8.97 -0.63 6.04	11.12 -0.66 6.71	13.53 -0.61 3.51	12.82 -0.55 5.66	16.18 -0.53 2.91	18.15 -0.62 1.06	19.35 -0.71 0.62	14.93 -0.47 5.39	17.64 -0.50 2.29	19.32 -0.68 0.78	19.15 -0.71 -0.11	21.56 -0.73 -0.01	21.72 -0.58 0.00	18.73 -0.50 0.00	19.47 -0.77 0.12	20.69 -1.00 0.93	19.79 -1.04 1.87	18.43 -0.96 0.56	14.85 -0.90 1.74	16.44 -0.82 0.00
NINE_MILE_1 23575	16.09 -0.36 0.00	16.96 -0.38 0.00	17.35 -0.41 0.00	17.02 -0.38 0.00	15.31 -0.34 0.00	18.10 -0.39 0.00	17.29 -0.36 0.00	18.64 -0.40 0.00	19.23 -0.39 0.00	19.44 -0.40 0.00	20.25 -0.43 0.00	20.38 -0.41 0.00	20.02 -0.41 0.00	20.34 -0.43 0.00	19.38 -0.42 -0.05	21.83 -0.46 0.00	21.87 -0.44 0.00	18.87 -0.36 0.00	19.97 -0.40 0.00	22.15 -0.46 0.00	22.23 -0.47 0.00	19.53 -0.42 0.00	17.20 -0.35 -0.05	16.90 -0.36 0.00
NINE_MILE_2 23744	16.09 -0.36 0.00	16.96 -0.38 0.00	17.35 -0.40 0.00	17.02 -0.38 0.00	15.31 -0.34 0.00	18.10 -0.39 0.00	17.29 -0.36 0.00	18.64 -0.40 0.00	19.23 -0.39 0.00	19.45 -0.39 0.00	20.25 -0.43 0.00	20.38 -0.41 0.00	20.02 -0.41 0.00	20.35 -0.43 0.00	19.38 -0.41 -0.05	21.83 -0.46 0.00	21.87 -0.44 0.00	18.87 -0.36 0.00	19.97 -0.40 0.00	22.15 -0.46 0.00	22.23 -0.47 0.00	19.53 -0.41 0.00	17.20 -0.35 -0.05	16.90 -0.36 0.00
NM_CAPITAL____DRP 24208	17.18 0.57 -0.15	18.06 0.59 -0.12	18.53 0.58 -0.20	18.19 0.59 -0.20	16.44 0.58 -0.21	19.30 0.62 -0.18	18.36 0.60 -0.10	19.82 0.63 -0.16	20.45 0.74 -0.10	20.65 0.77 -0.05	21.55 0.83 -0.04	21.75 0.78 -0.16	21.30 0.80 -0.08	21.64 0.83 -0.03	21.35 0.78 -0.82	23.20 0.86 -0.06	23.12 0.80 -0.01	19.98 0.75 0.00	21.20 0.83 -0.01	23.45 0.82 -0.03	23.53 0.77 -0.05	20.65 0.69 -0.02	19.05 0.65 -0.91	17.88 0.62 0.00
NM_CENTRAL____DRP 24181	16.44 -0.07 -0.06	17.31 -0.07 -0.03	17.79 -0.09 -0.14	17.47 -0.07 -0.13	15.71 -0.05 -0.12	18.58 -0.04 -0.13	17.70 -0.02 -0.07	19.12 -0.02 -0.11	19.81 0.01 -0.18	20.03 0.02 -0.17	20.85 0.00 -0.17	21.04 0.02 -0.22	20.61 0.02 -0.15	20.89 0.01 -0.11	19.97 0.00 -0.22	22.46 0.02 -0.16	22.44 0.04 -0.09	19.33 0.07 -0.04	20.40 0.05 0.02	22.66 0.03 -0.02	22.75 0.01 -0.04	19.95 -0.01 -0.01	17.61 0.01 -0.11	17.24 -0.02 0.00
NM_FRONTIER____DRP 24179	13.10 -0.87 2.48	13.72 -0.89 2.73	9.42 -0.94 7.39	9.26 -0.82 7.32	8.68 -0.71 6.26	10.82 -0.73 6.94	13.32 -0.68 3.65	12.50 -0.64 5.89	15.96 -0.69 2.97	18.04 -0.77 1.02	19.27 -0.85 0.56	14.60 -0.66 5.53	17.51 -0.68 2.24	19.86 -0.93 -0.02	18.97 -0.96 -0.18	21.38 -0.98 -0.08	21.54 -0.82 -0.05	18.57 -0.67 -0.02	19.24 -1.00 0.13	20.39 -1.26 0.96	19.46 -1.31 1.93	18.19 -1.18 0.58	14.58 -1.12 1.80	16.28 -0.98 0.00
NM_ST_REGIS____HYD 24053	16.06 -0.39 0.00	16.94 -0.41 0.00	17.32 -0.44 -0.02	16.88 -0.54 -0.02	15.08 -0.58 -0.01	17.71 -0.80 -0.02	16.90 -0.77 -0.01	18.20 -0.84 -0.01	27.73 -1.06 -9.17	29.85 -1.06 -11.07	30.99 -1.00 -11.30	28.27 -1.02 -8.49	27.60 -1.00 -8.17	28.90 -0.98 -9.10	29.82 -0.95 -11.02	32.68 -1.10 -11.51	29.28 -1.08 -8.05	20.97 -0.97 -2.71	17.12 -0.97 2.28	21.67 -0.94 0.00	21.87 -0.84 0.00	19.23 -0.72 0.00	16.75 -0.76 -0.01	16.42 -0.84 0.00
NORTHPORT____1 23551	18.11 1.65 0.00	18.96 1.61 0.00	19.27 1.52 0.00	18.93 1.53 0.00	17.17 1.49 -0.04	20.25 1.76 0.00	19.38 1.72 0.00	20.97 1.94 0.00	21.81 2.19 0.00	23.89 2.35 -1.70	29.63 2.43 -6.52	28.68 2.39 -5.49	42.96 2.36 -20.18	31.43 2.38 -8.28	59.13 2.26 -37.13	79.85 2.42 -55.14	44.67 2.41 -19.96	21.48 2.07 -0.18	23.72 2.29 -1.06	25.01 2.40 0.00	25.00 2.29 0.00	41.48 2.15 -19.38	20.00 1.80 -0.70	19.06 1.79 0.00
NORTHPORT____2 23552	18.11 1.65 0.00	18.96 1.61 0.00	19.27 1.52 0.00	18.93 1.53 0.00	17.17 1.49 -0.04	20.25 1.76 0.00	19.38 1.72 0.00	20.97 1.94 0.00	21.81 2.19 0.00	23.89 2.35 -1.70	29.63 2.43 -6.52	28.68 2.39 -5.49	42.96 2.36 -20.18	31.43 2.38 -8.28	59.13 2.26 -37.13	79.85 2.42 -55.14	44.67 2.41 -19.96	21.48 2.07 -0.18	23.72 2.29 -1.06	25.01 2.40 0.00	25.00 2.29 0.00	41.48 2.15 -19.38	20.00 1.80 -0.70	19.06 1.79 0.00
NORTHPORT____3 23553	18.10 1.64 0.00	18.95 1.61 0.00	19.28 1.53 0.00	18.93 1.53 0.00	17.16 1.48 -0.04	20.25 1.76 0.00	19.37 1.71 0.00	20.96 1.93 0.00	21.79 2.18 0.00	23.89 2.35 -1.70	29.64 2.43 -6.52	28.69 2.40 -5.49	42.98 2.38 -20.18	31.46 2.40 -8.28	59.15 2.27 -37.13	79.88 2.46 -55.14	44.71 2.44 -19.96	21.51 2.10 -0.18	23.73 2.30 -1.06	25.05 2.45 0.00	25.04 2.34 0.00	41.48 2.15 -19.38	20.01 1.81 -0.70	19.05 1.79 0.00
NORTHPORT____4 23650	18.10 1.64 0.00	18.95 1.61 0.00	19.28 1.53 0.00	18.93 1.53 0.00	17.16 1.48 -0.04	20.25 1.76 0.00	19.37 1.71 0.00	20.96 1.93 0.00	21.79 2.18 0.00	23.89 2.35 -1.70	29.64 2.43 -6.52	28.69 2.40 -5.49	42.98 2.38 -20.18	31.46 2.40 -8.28	59.15 2.27 -37.13	79.88 2.46 -55.14	44.71 2.44 -19.96	21.51 2.10 -0.18	23.73 2.30 -1.06	25.05 2.45 0.00	25.04 2.34 0.00	41.48 2.15 -19.38	20.01 1.81 -0.70	19.05 1.79 0.00
NORTHPORT____IC 23718	18.11 1.65 0.00	18.96 1.61 0.00	19.27 1.52 0.00	18.93 1.53 0.00	17.17 1.49 -0.04	20.25 1.76 0.00	19.38 1.72 0.00	20.97 1.94 0.00	21.81 2.19 0.00	23.89 2.35 -1.70	29.63 2.43 -6.52	28.68 2.39 -5.49	42.96 2.36 -20.18	31.43 2.38 -8.28	59.13 2.26 -37.13	79.85 2.42 -55.14	44.67 2.41 -19.96	21.48 2.07 -0.18	23.72 2.29 -1.06	25.01 2.40 0.00	25.00 2.29 0.00	41.48 2.15 -19.38	20.00 1.80 -0.70	19.06 1.79 0.00

NORTH__COUNTRY_ESR 323785	16.37 -0.08 0.00	17.27 -0.07 0.00	17.61 -0.13 0.00	17.15 -0.25 0.00	15.16 -0.48 0.00	17.68 -0.81 0.00	16.84 -0.82 0.00	18.14 -0.89 0.00	-16.97 -1.16 35.43	-24.02 -1.14 42.71	-24.07 -1.15 43.60	-13.09 -1.16 32.72	-13.15 -1.13 32.44	-24.11 -1.11 43.77	-24.03 -1.07 42.71	-24.26 -1.22 45.33	-20.62 -1.19 41.74	7.65 -1.04 10.53	16.86 -0.92 2.59	21.76 -0.85 0.00	22.07 -0.64 0.00	19.46 -0.49 0.00	16.80 -0.69 0.00	16.27 -0.99 0.00
NPX_GEN_1385_PROXY 323591	18.11 1.65 0.00	18.95 1.61 0.00	19.16 1.41 0.00	18.77 1.37 0.00	17.09 1.41 -0.04	20.01 1.52 0.00	19.25 1.60 0.00	20.66 1.63 0.00	21.81 2.19 0.00	23.60 2.06 -1.70	29.29 2.09 -6.52	28.20 1.90 -5.49	42.48 1.87 -20.18	30.76 1.70 -8.28	58.57 1.70 -37.13	79.08 1.66 -55.14	43.98 1.68 -19.99	20.82 1.45 -0.14	23.12 1.69 -1.06	24.25 1.64 0.00	13.45 1.43 10.68	41.07 1.74 -19.38	19.63 1.43 -0.70	18.77 1.51 0.00
NPX_GEN_CSC 323557	17.89 1.44 0.00	18.71 1.37 0.00	19.03 1.28 0.00	18.72 1.31 0.00	17.05 1.37 -0.04	20.10 1.61 0.00	19.26 1.60 0.00	20.83 1.80 0.00	21.56 1.94 0.00	23.69 2.15 -1.70	29.39 2.19 -6.52	28.43 2.14 -5.49	42.71 2.10 -20.18	31.20 2.15 -8.28	58.91 2.03 -37.13	79.54 2.12 -55.14	44.46 2.17 -19.99	21.29 1.92 -0.14	23.56 2.13 -1.06	24.83 2.22 0.00	24.81 2.10 0.00	41.27 1.94 -19.38	19.81 1.61 -0.70	18.84 1.58 0.00
NSINS_S_GLNS_FALLS 23858	17.63 1.03 -0.15	18.45 0.99 -0.11	18.98 1.03 -0.19	18.65 1.05 -0.19	16.84 0.99 -0.21	19.94 1.27 -0.18	18.95 1.19 -0.09	20.42 1.23 -0.16	21.03 1.31 -0.09	21.27 1.39 -0.05	22.15 1.44 -0.04	22.41 1.46 -0.16	21.93 1.43 -0.08	22.25 1.44 -0.03	22.03 1.43 -0.85	23.93 1.58 -0.06	23.83 1.51 -0.01	20.53 1.31 0.00	21.88 1.51 -0.01	24.23 1.60 -0.02	24.33 1.58 -0.05	21.31 1.35 -0.02	19.70 1.27 -0.94	18.49 1.23 0.00
NUCOR_STEEL__DRP 24197	16.95 0.21 -0.28	17.94 0.25 -0.34	18.72 0.15 -0.81	18.45 0.24 -0.80	16.59 0.25 -0.70	19.61 0.36 -0.77	18.32 0.27 -0.40	19.97 0.29 -0.65	20.47 0.43 -0.42	20.49 0.42 -0.23	21.20 0.34 -0.18	21.86 0.37 -0.70	21.11 0.35 -0.33	21.29 0.43 -0.08	20.25 0.31 -0.19	22.86 0.45 -0.12	22.90 0.52 -0.06	19.74 0.49 -0.03	20.76 0.40 0.00	23.22 0.51 -0.11	23.42 0.50 -0.21	20.44 0.43 -0.06	18.17 0.36 -0.31	17.57 0.31 0.00
NUMBER_THREE_WT_PWR 323818	16.16 -0.29 0.00	17.05 -0.30 0.00	17.32 -0.43 0.00	16.73 -0.67 0.00	14.93 -0.72 0.00	17.65 -0.84 0.00	16.79 -0.87 0.00	18.09 -0.95 0.00	19.91 -1.00 -1.28	20.56 -0.83 -1.55	21.58 -0.69 -1.59	21.20 -0.78 -1.19	20.86 -0.75 -1.18	21.55 -0.62 -1.59	20.62 -0.71 -1.58	22.88 -1.06 -1.65	22.65 -1.18 -1.52	18.70 -0.91 -0.38	19.02 -0.91 0.43	21.67 -0.94 0.00	21.81 -0.89 0.00	19.08 -0.87 0.00	16.77 -0.76 -0.03	16.45 -0.82 0.00
NYISO_LBMP_REFERENCE 24008	16.45 0.00 0.00	17.34 0.00 0.00	17.75 0.00 0.00	17.40 0.00 0.00	15.65 0.00 0.00	18.49 0.00 0.00	17.66 0.00 0.00	19.04 0.00 0.00	19.62 0.00 0.00	19.83 0.00 0.00	20.68 0.00 0.00	20.79 0.00 0.00	20.43 0.00 0.00	20.78 0.00 0.00	19.75 0.00 0.00	22.28 0.00 0.00	22.31 0.00 0.00	19.22 0.00 0.00	20.37 0.00 0.00	22.61 0.00 0.00	22.71 0.00 0.00	19.95 0.00 0.00	17.50 0.00 0.00	17.26 0.00 0.00
NYPA_BRENTWD__GT 24164	18.24 1.78 0.00	19.08 1.74 0.00	19.41 1.66 0.00	19.07 1.67 0.00	17.29 1.61 -0.04	20.41 1.92 0.00	19.53 1.87 0.00	21.16 2.12 0.00	21.99 2.37 0.00	24.12 2.58 -1.70	29.87 2.66 -6.52	28.93 2.64 -5.49	43.20 2.59 -20.18	31.69 2.63 -8.28	59.38 2.50 -37.13	80.13 2.71 -55.14	44.95 2.69 -19.96	21.66 2.26 -0.18	23.90 2.48 -1.06	25.23 2.62 0.00	25.23 2.52 0.00	41.71 2.38 -19.38	20.20 2.00 -0.70	19.23 1.97 0.00
NYPA_GOWANUS__GT5 24156	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
NYPA_GOWANUS__GT6 24157	18.07 1.61 0.00	18.99 1.65 0.00	19.41 1.66 0.00	19.05 1.65 0.00	17.20 1.52 -0.04	20.26 1.77 0.00	19.35 1.69 0.00	20.94 1.91 0.00	21.71 2.09 0.00	22.02 2.19 0.00	22.97 2.29 0.00	23.08 2.28 0.00	22.69 2.26 0.00	23.09 2.32 0.00	22.60 2.20 -0.66	24.77 2.45 -0.04	24.69 2.38 0.00	21.27 2.04 0.00	22.56 2.19 0.00	24.99 2.38 0.00	25.05 2.35 0.00	21.98 2.04 0.00	19.97 1.78 -0.70	18.99 1.73 0.00
NYPA_HARLEM_RVR_GT1 24160	18.01 1.55 0.00	18.87 1.53 0.00	19.29 1.54 0.00	18.93 1.53 0.00	17.09 1.41 -0.04	20.14 1.65 0.00	19.24 1.58 0.00	20.82 1.79 0.00	21.59 1.97 0.00	21.90 2.06 0.00	22.83 2.15 0.00	22.93 2.14 0.00	22.55 2.12 0.00	22.95 2.17 0.00	22.46 2.06 -0.66	24.62 2.30 -0.04	24.53 2.22 0.00	21.12 1.90 0.00	22.40 2.04 0.00	24.84 2.24 0.00	24.89 2.18 0.00	21.79 1.85 0.00	19.79 1.59 -0.70	18.78 1.53 0.01
NYPA_HARLEM_RVR_GT2 24161	18.01 1.55 0.00	18.87 1.53 0.00	19.29 1.54 0.00	18.93 1.53 0.00	17.09 1.41 -0.04	20.14 1.65 0.00	19.24 1.58 0.00	20.82 1.79 0.00	21.59 1.97 0.00	21.90 2.06 0.00	22.83 2.15 0.00	22.93 2.14 0.00	22.55 2.12 0.00	22.95 2.17 0.00	22.46 2.06 -0.66	24.62 2.30 -0.04	24.53 2.22 0.00	21.12 1.90 0.00	22.40 2.04 0.00	24.84 2.24 0.00	24.89 2.18 0.00	21.79 1.85 0.00	19.79 1.59 -0.70	18.78 1.53 0.01
NYPA_KENT__GT 24152	18.04 1.59 0.00	18.96 1.62 0.00	19.38 1.64 0.00	19.03 1.63 0.00	17.17 1.49 -0.04	20.24 1.75 0.00	19.33 1.67 0.00	20.92 1.88 0.00	21.68 2.06 0.00	22.00 2.17 0.00	22.95 2.27 0.00	23.06 2.26 0.00	22.66 2.23 0.00	23.07 2.30 0.00	22.58 2.18 -0.66	24.75 2.43 -0.04	24.65 2.34 0.00	21.24 2.02 0.00	22.53 2.17 0.00	24.96 2.35 0.00	25.02 2.31 0.00	21.96 2.01 0.00	19.95 1.75 -0.70	18.95 1.69 0.00
NYPA_POUCH1__GT 24155	17.98 1.53 0.00	18.91 1.57 0.00	19.35 1.60 0.00	18.99 1.59 0.00	17.15 1.47 -0.04	20.19 1.70 0.00	19.28 1.63 0.00	20.85 1.82 0.00	21.60 1.98 0.00	21.91 2.07 0.00	22.85 2.17 0.00	22.94 2.14 0.00	22.55 2.12 0.00	22.96 2.18 0.00	22.46 2.06 -0.66	24.62 2.30 -0.04	24.54 2.24 0.00	21.15 1.92 0.00	22.42 2.05 0.00	24.80 2.20 0.00	24.86 2.16 0.00	21.81 1.86 0.00	19.84 1.64 -0.70	18.81 1.55 0.00
NYPA_VERNON__GT2 24162	18.02 1.57 0.00	18.94 1.60 0.00	19.37 1.62 0.00	19.00 1.60 0.00	17.15 1.47 -0.04	20.22 1.73 0.00	19.30 1.64 0.00	20.89 1.85 0.00	21.66 2.04 0.00	21.98 2.14 0.00	22.93 2.25 0.00	23.03 2.23 0.00	22.64 2.21 0.00	23.04 2.27 0.00	22.56 2.16 -0.66	24.72 2.40 -0.04	24.61 2.31 0.00	21.21 1.99 0.00	22.50 2.14 0.00	24.93 2.32 0.00	24.99 2.28 0.00	21.93 1.98 0.00	19.92 1.72 -0.70	18.92 1.66 0.00

NYPA_VERNON____GT3 24163	18.02 1.57 0.00	18.94 1.60 0.00	19.37 1.62 0.00	19.00 1.60 0.00	17.15 1.47 -0.04	20.22 1.73 0.00	19.30 1.64 0.00	20.89 1.85 0.00	21.66 2.04 0.00	21.98 2.14 0.00	22.93 2.25 0.00	23.03 2.23 0.00	22.64 2.21 0.00	23.04 2.27 0.00	22.56 2.16 -0.66	24.72 2.40 -0.04	24.61 2.31 0.00	21.21 1.99 0.00	22.50 2.14 0.00	24.93 2.32 0.00	24.99 2.28 0.00	21.93 1.98 0.00	19.92 1.72 -0.70	18.92 1.66 0.00
NYPA____ASTORIA_CC1 323568	18.02 1.56 0.00	18.94 1.60 0.00	19.36 1.61 0.00	18.99 1.59 0.00	17.15 1.47 -0.04	20.21 1.72 0.00	19.29 1.64 0.00	20.88 1.84 0.00	21.66 2.03 0.00	21.97 2.13 0.00	22.91 2.23 0.00	23.02 2.22 0.00	22.62 2.20 0.00	23.03 2.25 0.00	22.55 2.15 -0.66	24.70 2.38 -0.04	24.60 2.29 0.00	21.20 1.97 0.00	22.49 2.13 0.00	24.92 2.31 0.00	24.97 2.26 0.00	21.92 1.97 0.00	19.91 1.71 -0.70	18.91 1.65 0.00
NYPA____ASTORIA_CC2 323569	18.02 1.56 0.00	18.94 1.60 0.00	19.36 1.61 0.00	18.99 1.59 0.00	17.15 1.47 -0.04	20.21 1.72 0.00	19.29 1.64 0.00	20.88 1.84 0.00	21.66 2.03 0.00	21.97 2.13 0.00	22.91 2.23 0.00	23.02 2.22 0.00	22.62 2.20 0.00	23.03 2.25 0.00	22.55 2.15 -0.66	24.70 2.38 -0.04	24.60 2.29 0.00	21.20 1.97 0.00	22.49 2.13 0.00	24.92 2.31 0.00	24.97 2.26 0.00	21.92 1.97 0.00	19.91 1.71 -0.70	18.91 1.65 0.00
NYPA____HOLTSVILL 23794	18.08 1.62 0.00	18.92 1.58 0.00	19.23 1.49 0.00	18.91 1.51 0.00	17.16 1.48 -0.04	20.27 1.78 0.00	19.39 1.73 0.00	21.00 1.96 0.00	21.80 2.18 0.00	23.92 2.38 -1.70	29.63 2.43 -6.52	28.69 2.40 -5.49	42.97 2.36 -20.18	31.46 2.41 -8.28	59.16 2.28 -37.13	79.87 2.45 -55.14	44.71 2.45 -19.96	21.54 2.14 -0.18	23.78 2.35 -1.06	25.09 2.48 0.00	25.07 2.36 0.00	41.51 2.18 -19.38	20.03 1.83 -0.70	19.07 1.81 0.00
NYPA____HELLGATE_GT1 24158	18.01 1.55 0.00	18.87 1.53 0.00	19.29 1.54 0.00	18.93 1.53 0.00	17.09 1.41 -0.04	20.14 1.65 0.00	19.24 1.58 0.00	20.82 1.79 0.00	21.59 1.97 0.00	21.90 2.06 0.00	22.83 2.15 0.00	22.93 2.14 0.00	22.55 2.12 0.00	22.95 2.17 0.00	22.46 2.06 -0.66	24.62 2.30 -0.04	24.53 2.22 0.00	21.12 1.90 0.00	22.40 2.04 0.00	24.84 2.24 0.00	24.89 2.18 0.00	21.79 1.85 0.00	19.79 1.59 -0.70	18.79 1.53 0.00
NYPA____HELLGATE_GT2 24159	18.01 1.55 0.00	18.87 1.53 0.00	19.29 1.54 0.00	18.93 1.53 0.00	17.09 1.41 -0.04	20.14 1.65 0.00	19.24 1.58 0.00	20.82 1.79 0.00	21.59 1.97 0.00	21.90 2.06 0.00	22.83 2.15 0.00	22.93 2.14 0.00	22.55 2.12 0.00	22.95 2.17 0.00	22.46 2.06 -0.66	24.62 2.30 -0.04	24.53 2.22 0.00	21.12 1.90 0.00	22.40 2.04 0.00	24.84 2.24 0.00	24.89 2.18 0.00	21.79 1.85 0.00	19.79 1.59 -0.70	18.79 1.53 0.00
NYS_BARGE____HYD 23848	10.08 -0.54 5.83	10.10 -0.52 6.71	10.25 -0.59 6.92	10.06 -0.49 6.85	9.35 -0.43 5.86	11.56 -0.42 6.51	13.86 -0.38 3.42	13.23 -0.29 5.52	16.54 -0.24 2.84	18.42 -0.39 1.03	19.63 -0.46 0.60	15.42 -0.14 5.24	17.99 -0.21 2.22	19.67 -0.35 0.76	19.46 -0.39 -0.11	21.89 -0.40 -0.01	22.06 -0.25 0.00	19.03 -0.20 0.00	19.81 -0.44 0.12	21.10 -0.62 0.90	20.26 -0.64 1.81	18.78 -0.62 0.54	15.20 -0.61 1.68	16.71 -0.55 0.00
OAK ORCHARD____HYD 24046	16.33 -0.12 0.00	17.23 -0.11 0.00	17.59 -0.16 0.00	17.30 -0.10 0.00	15.57 -0.09 0.00	18.49 0.01 0.00	17.69 0.03 0.00	19.17 0.13 0.00	19.82 0.20 0.00	20.06 0.23 0.00	20.85 0.17 0.00	21.09 0.30 0.00	20.67 0.24 0.00	20.94 0.16 0.00	19.95 0.11 -0.09	22.50 0.21 0.00	22.63 0.32 0.00	19.54 0.32 0.00	20.56 0.19 0.00	22.73 0.12 0.00	22.80 0.10 0.00	20.01 0.06 0.00	17.59 -0.01 -0.09	17.26 0.00 0.00
OAKDALE__35_KV_LOAD 356122	17.12 0.32 -0.35	18.04 0.36 -0.35	19.17 0.35 -1.06	18.87 0.42 -1.06	16.93 0.38 -0.92	19.96 0.47 -1.00	18.62 0.44 -0.53	20.40 0.52 -0.85	20.66 0.56 -0.49	20.64 0.58 -0.22	21.42 0.58 -0.15	22.27 0.61 -0.85	21.39 0.59 -0.38	21.42 0.60 -0.05	20.60 0.57 -0.28	23.00 0.64 -0.08	23.00 0.65 -0.04	19.81 0.57 -0.02	20.98 0.60 -0.01	23.40 0.66 -0.14	23.60 0.62 -0.28	20.56 0.53 -0.08	18.50 0.50 -0.51	17.68 0.41 0.00
OCC_CHEM____DRP 24175	13.10 -0.85 2.50	13.73 -0.86 2.75	9.41 -0.91 7.43	9.24 -0.81 7.36	8.66 -0.69 6.29	10.80 -0.71 6.98	13.33 -0.66 3.67	12.49 -0.62 5.93	15.98 -0.66 2.99	18.08 -0.73 1.03	19.30 -0.81 0.56	14.61 -0.62 5.57	17.53 -0.65 2.26	19.91 -0.88 -0.02	19.03 -0.90 -0.18	21.43 -0.93 -0.08	21.59 -0.76 -0.05	18.61 -0.63 -0.02	19.28 -0.95 0.14	20.44 -1.20 0.96	19.51 -1.25 1.95	18.24 -1.13 0.58	14.61 -1.07 1.81	16.31 -0.95 0.00
OH_GEN_PROXY 24063	10.61 -0.68 5.16	10.73 -0.67 5.94	10.89 -0.74 6.13	10.69 -0.64 6.06	9.89 -0.57 5.19	12.15 -0.58 5.76	14.11 -0.52 3.02	13.68 -0.47 4.88	16.70 -0.41 2.51	18.49 -0.44 0.91	19.62 -0.53 0.53	15.84 -0.33 4.63	18.09 -0.37 1.97	19.61 -0.49 0.67	19.34 -0.51 -0.11	21.79 -0.51 -0.01	21.96 -0.38 -0.03	18.87 -0.32 0.04	19.69 -0.58 0.11	21.03 -0.79 0.79	35.40 -0.83 -13.53	18.73 -0.74 0.48	15.31 -0.72 1.48	16.61 -0.65 0.00
OLIN_CORP_DRP 24177	13.10 -0.79 2.56	13.69 -0.80 2.85	9.32 -0.85 7.58	9.16 -0.74 7.51	8.60 -0.63 6.42	10.72 -0.65 7.12	13.31 -0.61 3.74	12.45 -0.54 6.04	16.02 -0.55 3.05	18.07 -0.72 1.05	19.32 -0.78 0.57	14.69 -0.42 5.68	17.65 -0.48 2.30	20.18 -0.61 -0.02	19.28 -0.65 -0.19	21.64 -0.72 -0.08	21.80 -0.56 -0.05	18.80 -0.44 -0.02	19.50 -0.73 0.14	20.68 -0.94 0.98	19.75 -0.97 1.99	18.45 -0.91 0.59	14.78 -0.87 1.85	16.47 -0.79 0.00
OLIN_CORP_DSASP 323712	9.39 -0.80 6.27	9.33 -0.80 7.21	9.45 -0.87 7.43	9.27 -0.77 7.36	8.66 -0.69 6.29	10.79 -0.71 6.99	13.32 -0.66 3.67	12.50 -0.60 5.93	15.96 -0.61 3.05	18.03 -0.70 1.10	19.24 -0.80 0.64	14.58 -0.59 5.62	17.42 -0.62 2.39	19.09 -0.86 0.82	18.96 -0.90 -0.11	21.38 -0.91 -0.01	21.55 -0.76 0.00	18.58 -0.64 0.00	19.29 -0.94 0.13	20.45 -1.20 0.96	19.52 -1.25 1.94	18.23 -1.14 0.58	14.62 -1.06 1.82	16.32 -0.95 0.00
ONEIDA_HERK_LFGE 323681	16.49 0.04 0.00	17.38 0.04 0.00	17.72 -0.03 0.00	17.27 -0.13 0.00	15.49 -0.16 0.00	18.30 -0.19 0.00	17.47 -0.19 0.00	18.81 -0.23 0.00	19.43 -0.19 0.00	19.69 -0.15 0.00	20.60 -0.08 0.00	20.68 -0.12 0.00	20.30 -0.12 0.00	20.62 -0.15 0.00	19.66 -0.11 -0.03	22.06 -0.23 0.00	22.05 -0.26 0.00	19.06 -0.17 0.00	20.09 -0.15 0.12	22.47 -0.14 0.00	22.58 -0.12 0.00	19.79 -0.16 0.00	17.38 -0.14 -0.03	17.08 -0.18 0.00
ONEIDA____115KV_TB4 55905	16.82 0.27 -0.10	17.68 0.27 -0.07	18.16 0.24 -0.17	17.78 0.22 -0.16	15.99 0.20 -0.14	18.88 0.23 -0.16	17.99 0.25 -0.08	19.43 0.27 -0.13	20.27 0.34 -0.32	20.50 0.34 -0.33	21.34 0.34 -0.33	21.49 0.34 -0.36	21.02 0.31 -0.28	21.33 0.32 -0.24	20.41 0.32 -0.34	22.95 0.35 -0.32	22.89 0.38 -0.20	19.67 0.38 -0.08	20.75 0.40 0.01	23.08 0.45 -0.02	23.23 0.48 -0.04	20.34 0.38 -0.01	17.90 0.31 -0.09	17.52 0.25 0.00

ONONDAGA_REF_OCCRA 23987	16.60 0.03 -0.12	17.50 0.03 -0.13	18.12 0.02 -0.36	17.79 0.03 -0.35	16.00 0.04 -0.31	18.91 0.08 -0.34	17.92 0.09 -0.18	19.42 0.10 -0.29	20.01 0.14 -0.26	20.17 0.14 -0.18	20.98 0.13 -0.17	21.32 0.15 -0.38	20.79 0.14 -0.21	21.01 0.14 -0.09	20.08 0.12 -0.21	22.58 0.16 -0.14	22.58 0.19 -0.08	19.44 0.19 -0.03	20.54 0.19 0.01	22.85 0.19 -0.05	22.97 0.17 -0.09	20.11 0.13 -0.03	17.81 0.13 -0.18	17.35 0.08 0.00
ONONDAGA___COGEN 23986	16.56 -0.03 -0.13	17.48 -0.02 -0.16	18.09 -0.05 -0.39	17.77 -0.02 -0.38	15.98 -0.01 -0.34	18.89 0.03 -0.37	17.87 0.03 -0.19	19.38 0.04 -0.31	19.96 0.08 -0.27	20.11 0.08 -0.19	20.91 0.06 -0.16	21.28 0.09 -0.39	20.72 0.08 -0.21	20.95 0.08 -0.09	20.01 0.06 -0.20	22.52 0.09 -0.13	22.51 0.12 -0.07	19.39 0.14 -0.03	20.46 0.11 0.01	22.78 0.12 -0.05	22.91 0.10 -0.10	20.05 0.07 -0.03	17.75 0.07 -0.18	17.30 0.04 0.00
ONTARIO___LFGE 23819	20.53 0.18 -3.90	22.04 0.20 -4.49	22.56 0.18 -4.63	22.25 0.26 -4.58	19.82 0.24 -3.93	23.18 0.34 -4.36	20.30 0.35 -2.29	23.14 0.42 -3.69	22.03 0.51 -1.90	21.03 0.50 -0.69	21.54 0.46 -0.40	24.80 0.50 -3.50	22.43 0.50 -1.49	21.75 0.46 -0.51	20.30 0.45 -0.10	22.87 0.58 -0.01	22.96 0.65 0.00	19.82 0.59 0.00	21.05 0.60 -0.08	23.87 0.65 -0.60	24.55 0.62 -1.23	20.83 0.53 -0.36	19.24 0.42 -1.32	17.59 0.33 0.00
ORANGEVILLE_WT_PWR 323706	-9.97 -0.64 25.78	-12.97 -0.63 29.68	-13.43 -0.60 30.58	-13.31 -0.42 30.29	-10.69 -0.41 25.92	-10.67 -0.39 28.77	2.19 -0.36 15.10	-5.64 -0.29 24.39	6.83 -0.25 12.54	14.98 -0.33 4.53	17.66 -0.39 2.63	-2.60 -0.25 23.14	10.32 -0.27 9.84	17.04 -0.37 3.37	19.65 -0.23 -0.13	22.17 -0.12 -0.01	22.25 -0.06 0.00	19.19 -0.03 0.00	19.69 -0.14 0.53	18.47 -0.18 3.96	14.49 -0.21 8.00	17.38 -0.17 2.39	9.45 -0.23 7.81	16.94 -0.32 0.00
ORANGEVILLE___ESR 323794	-9.97 -0.64 25.78	-12.97 -0.63 29.68	-13.43 -0.60 30.58	-13.31 -0.42 30.29	-10.69 -0.41 25.92	-10.67 -0.39 28.77	2.19 -0.36 15.10	-5.64 -0.29 24.39	6.83 -0.25 12.54	14.98 -0.33 4.53	17.66 -0.39 2.63	-2.60 -0.25 23.14	10.32 -0.27 9.84	17.04 -0.37 3.37	19.65 -0.23 -0.13	22.17 -0.12 -0.01	22.25 -0.06 0.00	19.19 -0.03 0.00	19.69 -0.14 0.53	18.47 -0.18 3.96	14.49 -0.21 8.00	17.38 -0.17 2.39	9.45 -0.23 7.81	16.94 -0.32 0.00
OSWEGATCHIE___HYD 24044	15.87 -0.58 0.00	16.73 -0.62 0.00	17.07 -0.69 0.00	16.60 -0.81 0.00	14.83 -0.81 0.00	17.52 -0.97 0.00	16.69 -0.96 0.00	18.00 -1.04 0.00	22.66 -1.21 -4.25	23.82 -1.15 -5.14	24.86 -1.07 -5.25	23.61 -1.13 -3.94	23.24 -1.10 -3.90	24.94 -1.04 -5.27	23.86 -1.28 -5.16	26.46 -1.30 -5.45	26.04 -1.30 -5.02	19.39 -1.10 -1.27	17.58 -1.13 1.65	21.47 -1.14 0.00	21.63 -1.08 0.00	18.98 -0.97 0.00	16.60 -0.91 0.00	16.32 -0.95 0.00
OSWEGO___5 23606	16.20 -0.25 0.00	17.08 -0.26 0.00	17.46 -0.29 0.00	17.14 -0.26 0.00	15.41 -0.24 0.00	18.23 -0.26 0.00	17.42 -0.24 0.00	18.77 -0.26 0.00	19.37 -0.24 0.00	19.59 -0.25 0.00	20.41 -0.27 0.00	20.54 -0.26 0.00	20.17 -0.26 0.00	20.50 -0.27 0.00	19.53 -0.27 -0.05	22.00 -0.29 0.00	22.04 -0.27 0.00	19.01 -0.21 0.00	20.12 -0.25 0.00	22.32 -0.29 0.00	22.40 -0.30 0.00	19.68 -0.27 0.00	17.33 -0.22 0.00	17.02 -0.24 0.00
OSWEGO___6 23613	16.20 -0.25 0.00	17.08 -0.26 0.00	17.46 -0.29 0.00	17.14 -0.26 0.00	15.41 -0.24 0.00	18.23 -0.26 0.00	17.42 -0.24 0.00	18.77 -0.26 0.00	19.37 -0.24 0.00	19.59 -0.25 0.00	20.41 -0.27 0.00	20.54 -0.26 0.00	20.17 -0.26 0.00	20.50 -0.27 0.00	19.53 -0.27 -0.05	22.00 -0.29 0.00	22.04 -0.27 0.00	19.01 -0.21 0.00	20.12 -0.25 0.00	22.32 -0.29 0.00	22.40 -0.30 0.00	19.68 -0.27 0.00	17.33 -0.22 0.00	17.02 -0.24 0.00
OUTOKUMPU-AB___DRP 24206	13.28 -0.47 2.70	13.87 -0.47 3.00	9.28 -0.51 7.96	9.12 -0.40 7.89	8.58 -0.32 6.74	10.72 -0.29 7.48	13.47 -0.25 3.93	12.52 -0.17 6.35	16.27 -0.15 3.20	18.50 -0.23 1.11	19.78 -0.29 0.61	14.77 -0.06 5.97	17.90 -0.11 2.42	20.50 -0.29 -0.01	19.62 -0.32 -0.19	22.08 -0.29 -0.08	22.24 -0.12 -0.05	19.17 -0.07 -0.02	19.88 -0.34 0.15	21.07 -0.51 1.03	20.08 -0.54 2.09	18.81 -0.51 0.62	15.01 -0.54 1.95	16.79 -0.47 0.00
OXBOW____ 24026	9.39 -0.57 6.49	9.31 -0.56 7.47	9.43 -0.62 7.70	9.25 -0.52 7.63	8.66 -0.46 6.52	10.80 -0.45 7.24	13.44 -0.41 3.80	12.56 -0.33 6.14	16.16 -0.30 3.16	18.29 -0.41 1.14	19.53 -0.48 0.66	14.71 -0.26 5.83	17.65 -0.30 2.48	19.42 -0.51 0.85	19.31 -0.55 -0.11	21.76 -0.53 -0.01	21.93 -0.38 0.00	18.91 -0.32 0.00	19.65 -0.59 0.13	20.82 -0.79 1.00	19.86 -0.83 2.02	18.57 -0.78 0.60	14.86 -0.75 1.88	16.60 -0.66 0.00
OXY_CHEM_DSASP 323612	13.10 -0.85 2.50	13.73 -0.86 2.75	9.41 -0.91 7.43	9.24 -0.81 7.36	8.66 -0.69 6.29	10.80 -0.71 6.98	13.33 -0.66 3.67	12.49 -0.62 5.93	15.98 -0.66 2.99	18.08 -0.73 1.03	19.30 -0.81 0.56	14.61 -0.62 5.57	17.53 -0.65 2.26	19.91 -0.88 -0.02	19.03 -0.90 -0.18	21.43 -0.93 -0.08	21.59 -0.76 -0.05	18.61 -0.63 -0.02	19.28 -0.95 0.14	20.44 -1.20 0.96	19.51 -1.25 1.95	18.24 -1.13 0.58	14.61 -1.07 1.81	16.31 -0.95 0.00
OZONE_PARK_ESR 323760	18.20 1.66 -0.09	19.13 1.69 -0.10	19.71 1.70 -0.26	19.34 1.68 -0.26	17.44 1.54 -0.26	20.54 1.80 -0.25	19.51 1.72 -0.13	21.19 1.95 -0.21	21.89 2.15 -0.12	22.16 2.26 -0.06	23.10 2.38 -0.04	23.39 2.38 -0.21	22.87 2.35 -0.10	23.20 2.41 -0.02	22.72 2.29 -0.67	24.90 2.56 -0.06	24.78 2.46 -0.02	21.34 2.11 0.00	22.65 2.27 -0.01	25.11 2.47 -0.03	25.20 2.43 -0.07	22.07 2.11 -0.02	20.11 1.84 -0.77	19.03 1.77 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	13.10 -0.85 2.50	13.73 -0.86 2.75	9.41 -0.91 7.43	9.24 -0.81 7.36	8.66 -0.69 6.29	10.80 -0.71 6.98	13.33 -0.66 3.67	12.49 -0.62 5.93	15.98 -0.66 2.99	18.08 -0.73 1.03	19.30 -0.81 0.56	14.61 -0.62 5.57	17.53 -0.65 2.26	19.91 -0.88 -0.02	19.03 -0.90 -0.18	21.43 -0.93 -0.08	21.59 -0.76 -0.05	18.61 -0.63 -0.02	19.28 -0.95 0.14	20.44 -1.20 0.96	19.51 -1.25 1.95	18.24 -1.13 0.58	14.61 -1.07 1.81	16.31 -0.95 0.00
PACKARD___115KV_DUPONT_184 80571	13.10 -0.85 2.50	13.73 -0.86 2.75	9.41 -0.91 7.43	9.24 -0.81 7.36	8.66 -0.69 6.29	10.80 -0.71 6.98	13.33 -0.66 3.67	12.49 -0.62 5.93	15.98 -0.66 2.99	18.08 -0.73 1.03	19.30 -0.81 0.56	14.61 -0.62 5.57	17.53 -0.65 2.26	19.91 -0.88 -0.02	19.03 -0.90 -0.18	21.43 -0.93 -0.08	21.59 -0.76 -0.05	18.61 -0.63 -0.02	19.28 -0.95 0.14	20.44 -1.20 0.96	19.51 -1.25 1.95	18.24 -1.13 0.58	14.61 -1.07 1.81	16.31 -0.95 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	18.08 1.54 -0.09	19.00 1.56 -0.10	19.58 1.57 -0.26	19.22 1.56 -0.26	17.33 1.43 -0.26	20.40 1.67 -0.25	19.38 1.60 -0.13	21.04 1.80 -0.21	21.73 1.99 -0.13	21.96 2.07 -0.06	22.88 2.16 -0.04	23.15 2.15 -0.21	22.66 2.13 -0.10	22.97 2.17 -0.02	22.48 2.06 -0.67	24.64 2.30 -0.06	24.54 2.22 -0.02	21.12 1.89 0.00	22.42 2.05 -0.01	24.91 2.27 -0.03	24.99 2.22 -0.07	21.86 1.89 -0.02	19.90 1.63 -0.77	18.84 1.58 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	18.09 1.54 -0.09	19.02 1.58 -0.10	19.60 1.59 -0.26	19.22 1.56 -0.26	17.35 1.45 -0.26	20.40 1.66 -0.25	19.44 1.65 -0.13	21.02 1.78 -0.21	21.71 1.97 -0.13	21.90 2.01 -0.06	22.80 2.07 -0.04	23.07 2.06 -0.21	22.58 2.05 -0.10	22.89 2.10 -0.02	22.41 1.98 -0.67	24.56 2.22 -0.06	24.46 2.13 -0.02	21.05 1.82 0.00	22.34 1.97 -0.01	24.82 2.18 -0.03	24.90 2.13 -0.07	21.81 1.84 -0.02	19.85 1.58 -0.77	18.81 1.54 0.00
PATROON__115KV_TB1 80586	17.17 0.56 -0.15	18.05 0.58 -0.12	18.51 0.55 -0.20	18.18 0.58 -0.20	16.43 0.58 -0.21	19.27 0.60 -0.18	18.34 0.59 -0.10	19.80 0.61 -0.16	20.44 0.73 -0.10	20.65 0.76 -0.05	21.54 0.83 -0.04	21.74 0.78 -0.16	21.30 0.79 -0.08	21.64 0.83 -0.03	21.35 0.78 -0.82	23.20 0.85 -0.06	23.12 0.79 -0.01	19.99 0.76 0.00	21.20 0.83 -0.01	23.46 0.82 -0.03	23.52 0.77 -0.05	20.65 0.69 -0.02	19.05 0.64 -0.92	17.86 0.60 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	13.68 0.01 2.78	14.29 0.05 3.11	9.55 0.04 8.23	9.40 0.15 8.15	8.84 0.16 6.97	11.02 0.26 7.73	13.86 0.27 4.06	12.86 0.39 6.56	16.75 0.45 3.31	19.08 0.39 1.15	20.42 0.37 0.63	15.20 0.57 6.17	18.44 0.52 2.51	21.17 0.39 -0.01	20.26 0.32 -0.19	22.80 0.43 -0.08	22.93 0.57 -0.05	19.75 0.51 -0.02	20.55 0.34 0.15	21.84 0.29 1.07	20.80 0.25 2.16	19.48 0.18 0.64	15.59 0.10 2.01	17.35 0.09 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	18.01 1.47 -0.09	18.93 1.50 -0.09	19.51 1.50 -0.26	19.15 1.50 -0.25	17.28 1.38 -0.25	20.36 1.62 -0.24	19.34 1.56 -0.13	20.99 1.75 -0.20	21.69 1.95 -0.12	21.94 2.05 -0.06	22.88 2.15 -0.04	23.14 2.14 -0.21	22.64 2.11 -0.10	22.96 2.16 -0.02	22.48 2.05 -0.68	24.63 2.29 -0.06	24.54 2.21 -0.02	21.14 1.91 0.00	22.45 2.08 -0.01	24.90 2.26 -0.03	24.99 2.22 -0.07	21.86 1.89 -0.02	19.92 1.65 -0.78	18.84 1.58 0.00
PEEKSKILL____ 23653	17.82 1.36 0.00	18.72 1.38 0.00	19.14 1.39 0.00	18.79 1.38 0.00	16.96 1.28 -0.04	19.98 1.49 0.00	19.08 1.42 0.00	20.64 1.60 0.00	21.38 1.77 0.00	21.69 1.86 0.00	22.62 1.94 0.00	22.73 1.93 0.00	22.34 1.91 0.00	22.74 1.97 0.00	22.25 1.86 -0.65	24.39 2.07 -0.03	24.30 2.00 0.00	20.94 1.72 0.00	22.24 1.88 0.00	24.65 2.04 0.00	24.72 2.01 0.00	21.67 1.73 0.00	19.70 1.50 -0.70	18.71 1.45 0.00
PGE MADISON__WINDPWR 24146	18.98 1.15 -1.37	20.15 1.22 -1.58	20.48 1.09 -1.63	20.08 1.06 -1.62	17.99 0.95 -1.39	21.28 1.25 -1.54	19.63 1.17 -0.81	21.78 1.45 -1.30	21.89 1.61 -0.67	21.57 1.49 -0.24	22.31 1.49 -0.14	23.52 1.49 -1.24	22.41 1.46 -0.53	22.44 1.48 -0.18	21.51 1.55 -0.21	24.04 1.75 -0.01	24.14 1.82 0.00	20.83 1.61 0.00	22.16 1.77 -0.03	24.89 2.07 -0.21	25.18 2.04 -0.43	21.82 1.74 -0.13	19.65 1.50 -0.65	18.61 1.35 0.00
PIERCEFIELD__HYD 23852	15.94 -0.52 0.00	16.80 -0.54 0.00	17.20 -0.57 -0.02	16.76 -0.66 -0.02	15.01 -0.65 -0.02	17.66 -0.85 -0.02	16.85 -0.81 -0.01	18.14 -0.90 -0.01	24.16 -1.11 -5.65	25.54 -1.12 -6.82	26.60 -1.04 -6.96	24.96 -1.08 -5.24	24.41 -1.06 -5.03	25.30 -1.03 -5.55	25.54 -0.99 -6.79	28.20 -1.17 -7.08	26.06 -1.14 -4.89	19.86 -1.03 -1.67	17.08 -1.07 2.22	21.56 -1.05 0.00	21.73 -0.98 0.00	19.09 -0.85 0.00	16.67 -0.85 -0.02	16.40 -0.86 0.00
PINELAWN_CC_1 323563	18.16 1.71 0.00	19.02 1.67 0.00	19.35 1.60 0.00	19.01 1.61 0.00	17.22 1.54 -0.04	20.34 1.85 0.00	19.44 1.79 0.00	21.08 2.05 0.00	21.90 2.28 0.00	24.02 2.49 -1.70	29.78 2.58 -6.52	28.84 2.55 -5.49	43.12 2.51 -20.18	31.62 2.57 -8.28	59.31 2.43 -37.13	80.07 2.65 -55.14	44.89 2.62 -19.96	21.66 2.26 -0.18	23.89 2.47 -1.06	25.23 2.62 0.00	25.22 2.52 0.00	41.63 2.29 -19.38	20.13 1.93 -0.70	19.16 1.90 0.00
PJM_GEN_HTP_PROXY 323702	17.96 1.50 0.00	18.87 1.53 0.00	19.29 1.54 0.00	18.93 1.52 0.00	17.09 1.41 -0.04	20.13 1.64 0.00	19.21 1.56 0.00	20.79 1.75 0.00	21.56 1.94 0.00	21.87 2.04 0.00	22.82 2.14 0.00	22.91 2.12 0.00	22.53 2.10 0.00	22.94 2.16 0.00	22.46 2.06 -0.66	24.62 2.30 -0.04	24.59 2.19 -0.09	20.94 1.88 0.16	22.40 2.03 0.00	24.81 2.20 0.00	24.87 2.16 0.00	21.84 1.89 0.00	19.85 1.65 -0.70	18.85 1.59 0.00
PJM_GEN_KEystone 24065	15.99 0.64 1.10	16.76 0.69 1.27	17.13 0.69 1.31	16.85 0.75 1.30	15.25 0.70 1.09	18.10 0.84 1.23	17.79 0.78 0.65	18.90 0.91 1.04	20.08 1.00 0.54	20.69 1.05 0.19	21.64 1.07 0.11	20.91 1.11 0.99	21.09 1.08 0.42	21.72 1.09 0.14	21.17 1.01 -0.41	23.44 1.13 -0.02	23.51 1.11 -0.09	20.01 0.95 0.16	21.10 1.00 0.26	23.76 1.07 -0.08	23.40 1.04 0.35	20.72 0.87 0.10	18.39 0.79 -0.10	18.00 0.74 0.00
PJM_GEN_NEPTUNE_PROXY 323594	18.03 1.57 0.00	18.89 1.54 0.00	19.22 1.48 0.00	18.88 1.48 0.00	17.10 1.42 -0.04	20.17 1.68 0.00	19.28 1.63 0.00	20.87 1.83 0.00	21.68 2.06 0.00	23.01 2.23 -0.94	26.62 2.33 -3.61	26.16 2.32 -3.04	33.89 2.29 -11.17	27.69 2.34 -4.58	42.79 2.20 -20.84	55.22 2.40 -30.53	35.81 2.36 -11.14	21.19 2.03 0.06	23.17 2.22 -0.59	24.97 2.36 0.00	24.97 2.27 0.00	32.73 2.05 -10.73	19.94 1.73 -0.70	18.97 1.71 0.00
PJM_GEN_VFT_PROXY 323633	17.89 1.43 0.00	18.79 1.45 0.00	19.22 1.47 0.00	18.86 1.46 0.00	17.03 1.35 -0.04	20.06 1.57 0.00	19.14 1.49 0.00	20.71 1.67 0.00	21.47 1.85 0.00	21.78 1.94 0.00	22.72 2.03 0.00	22.81 2.02 0.00	22.43 2.00 0.00	22.84 2.06 0.00	22.36 1.96 -0.66	24.50 2.18 -0.04	24.48 2.08 -0.09	20.85 1.79 0.16	22.31 1.94 0.00	24.71 2.10 0.00	24.78 2.07 0.00	21.75 1.80 0.00	19.78 1.58 -0.70	18.78 1.52 0.00
PLATSBRG_115KV_PMLD1 355749	16.60 0.15 0.00	17.51 0.16 0.00	17.86 0.11 0.00	17.40 0.00 0.00	15.37 -0.28 0.00	17.93 -0.57 0.00	17.07 -0.59 0.00	18.36 -0.68 0.00	-14.60 -0.96 33.27	-21.19 -0.93 40.10	-21.20 -0.94 40.93	-10.87 -0.95 30.72	-11.83 -0.92 31.34	-29.56 -0.89 49.45	-21.50 -0.80 40.44	-22.16 -0.98 43.46	-28.04 -1.00 49.35	8.45 -0.82 9.96	17.08 -0.66 2.63	21.97 -0.64 0.00	22.28 -0.42 0.00	19.67 -0.28 0.00	17.01 -0.49 0.00	16.42 -0.84 0.00
PLEASANTVLY__LBMP 24000	17.77 1.23 -0.08	18.68 1.24 -0.09	19.25 1.25 -0.25	18.90 1.25 -0.25	17.04 1.15 -0.25	20.08 1.34 -0.24	19.06 1.28 -0.12	20.66 1.42 -0.20	21.33 1.59 -0.12	21.55 1.66 -0.06	22.46 1.73 -0.04	22.73 1.73 -0.21	22.23 1.71 -0.10	22.54 1.75 -0.02	22.10 1.66 -0.69	24.19 1.85 -0.06	24.10 1.78 -0.02	20.76 1.53 0.00	22.04 1.67 -0.01	24.44 1.80 -0.03	24.54 1.77 -0.07	21.49 1.52 -0.02	19.62 1.34 -0.78	18.56 1.30 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	17.97 1.43 -0.09	18.88 1.44 -0.10	19.47 1.46 -0.26	19.11 1.46 -0.25	17.23 1.33 -0.25	20.31 1.57 -0.25	19.27 1.49 -0.13	20.91 1.67 -0.20	21.61 1.87 -0.12	21.86 1.97 -0.06	22.79 2.06 -0.04	23.05 2.04 -0.21	22.54 2.02 -0.10	22.87 2.08 -0.02	22.39 1.96 -0.68	24.53 2.19 -0.06	24.42 2.10 -0.02	21.04 1.81 0.00	22.35 1.98 -0.01	24.78 2.14 -0.03	24.86 2.08 -0.07	21.76 1.79 -0.02	19.85 1.58 -0.77	18.78 1.51 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	17.97 1.43 -0.09	18.88 1.44 -0.10	19.47 1.46 -0.26	19.11 1.46 -0.25	17.23 1.33 -0.25	20.31 1.57 -0.25	19.27 1.49 -0.13	20.91 1.67 -0.20	21.61 1.87 -0.12	21.86 1.97 -0.06	22.79 2.06 -0.04	23.05 2.04 -0.21	22.54 2.02 -0.10	22.87 2.08 -0.02	22.39 1.96 -0.68	24.53 2.19 -0.06	24.42 2.10 -0.02	21.04 1.81 0.00	22.35 1.98 -0.01	24.78 2.14 -0.03	24.86 2.08 -0.07	21.76 1.79 -0.02	19.85 1.58 -0.77	18.78 1.51 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	17.89 1.35 -0.08	18.80 1.36 -0.09	19.36 1.36 -0.25	19.01 1.35 -0.25	17.14 1.25 -0.25	20.20 1.47 -0.24	19.19 1.41 -0.12	20.81 1.58 -0.20	21.49 1.76 -0.12	21.72 1.83 -0.06	22.64 1.92 -0.04	22.92 1.91 -0.21	22.41 1.89 -0.10	22.73 1.94 -0.02	22.27 1.84 -0.69	24.39 2.05 -0.06	24.31 1.98 -0.02	20.95 1.72 0.00	22.25 1.87 -0.01	24.67 2.03 -0.03	24.77 2.00 -0.07	21.67 1.70 -0.02	19.77 1.49 -0.78	18.69 1.43 0.00
POLETTI____ 23519	18.04 1.50 -0.09	18.97 1.53 -0.10	19.55 1.54 -0.26	19.18 1.52 -0.26	17.31 1.41 -0.26	20.37 1.63 -0.25	19.32 1.54 -0.13	20.98 1.74 -0.21	21.67 1.93 -0.12	21.92 2.03 -0.06	22.87 2.15 -0.04	23.14 2.13 -0.21	22.64 2.12 -0.10	22.96 2.16 -0.02	22.49 2.07 -0.67	24.64 2.29 -0.06	24.51 2.18 -0.02	21.09 1.86 0.00	22.39 2.02 -0.01	24.83 2.18 -0.03	24.92 2.15 -0.07	21.83 1.86 -0.02	19.90 1.63 -0.77	18.84 1.58 0.00
PORT_JEFF_3 23555	18.12 1.67 0.00	18.96 1.61 0.00	19.28 1.53 0.00	18.95 1.55 0.00	17.20 1.52 -0.04	20.31 1.82 0.00	19.43 1.78 0.00	21.05 2.02 0.00	21.85 2.23 0.00	23.98 2.44 -1.70	29.71 2.50 -6.52	28.76 2.47 -5.49	43.04 2.43 -20.18	31.53 2.48 -8.28	59.22 2.35 -37.13	79.94 2.52 -55.14	44.79 2.52 -19.96	21.61 2.20 -0.18	23.85 2.43 -1.06	25.16 2.55 0.00	25.15 2.44 0.00	41.58 2.24 -19.38	20.08 1.88 -0.70	19.12 1.85 0.00
PORT_JEFF_4 23616	18.12 1.67 0.00	18.96 1.61 0.00	19.28 1.53 0.00	18.95 1.55 0.00	17.20 1.52 -0.04	20.31 1.82 0.00	19.43 1.78 0.00	21.05 2.02 0.00	21.85 2.23 0.00	23.98 2.44 -1.70	29.71 2.50 -6.52	28.76 2.47 -5.49	43.04 2.43 -20.18	31.53 2.48 -8.28	59.22 2.35 -37.13	79.94 2.52 -55.14	44.79 2.52 -19.96	21.61 2.20 -0.18	23.85 2.43 -1.06	25.16 2.55 0.00	25.15 2.44 0.00	41.58 2.24 -19.38	20.08 1.88 -0.70	19.12 1.85 0.00
PORT_JEFF_IC 23713	18.12 1.67 0.00	18.96 1.62 0.00	19.29 1.54 0.00	18.96 1.56 0.00	17.21 1.53 -0.04	20.33 1.83 0.00	19.44 1.79 0.00	21.08 2.04 0.00	21.87 2.25 0.00	24.01 2.47 -1.70	29.73 2.53 -6.52	28.78 2.49 -5.49	43.06 2.45 -20.18	31.56 2.50 -8.28	59.24 2.37 -37.13	79.97 2.55 -55.14	44.81 2.55 -19.96	21.63 2.23 -0.18	23.88 2.45 -1.06	25.19 2.58 0.00	25.18 2.47 0.00	41.60 2.27 -19.38	20.10 1.90 -0.70	19.14 1.87 0.00
PPL PILGRIM_ST_GT1 24216	18.24 1.78 0.00	19.08 1.74 0.00	19.41 1.66 0.00	19.07 1.67 0.00	17.29 1.61 -0.04	20.41 1.92 0.00	19.53 1.87 0.00	21.16 2.12 0.00	21.99 2.37 0.00	24.12 2.58 -1.70	29.87 2.66 -6.52	28.93 2.64 -5.49	43.20 2.59 -20.18	31.69 2.63 -8.28	59.38 2.50 -37.13	80.13 2.71 -55.14	44.95 2.69 -19.96	21.66 2.26 -0.18	23.90 2.48 -1.06	25.23 2.62 0.00	25.23 2.52 0.00	41.71 2.38 -19.38	20.20 2.00 -0.70	19.23 1.97 0.00
PPL PILGRIM_ST_GT2 24217	18.24 1.78 0.00	19.08 1.74 0.00	19.41 1.66 0.00	19.07 1.67 0.00	17.29 1.61 -0.04	20.41 1.92 0.00	19.53 1.87 0.00	21.16 2.12 0.00	21.99 2.37 0.00	24.12 2.58 -1.70	29.87 2.66 -6.52	28.93 2.64 -5.49	43.20 2.59 -20.18	31.69 2.63 -8.28	59.38 2.50 -37.13	80.13 2.71 -55.14	44.95 2.69 -19.96	21.66 2.26 -0.18	23.90 2.48 -1.06	25.23 2.62 0.00	25.23 2.52 0.00	41.71 2.38 -19.38	20.20 2.00 -0.70	19.23 1.97 0.00
PPL_SHRM_GT3 24213	17.90 1.45 0.00	18.73 1.39 0.00	19.05 1.29 0.00	18.72 1.32 0.00	17.06 1.38 -0.04	20.11 1.62 0.00	19.26 1.61 0.00	20.83 1.80 0.00	21.58 1.96 0.00	23.70 2.16 -1.70	29.40 2.19 -6.52	28.43 2.15 -5.49	42.71 2.10 -20.18	31.20 2.15 -8.28	58.91 2.04 -37.13	79.54 2.12 -55.14	44.43 2.17 -19.96	21.33 1.92 -0.18	23.56 2.14 -1.06	24.84 2.23 0.00	24.82 2.11 0.00	41.28 1.94 -19.38	19.82 1.61 -0.70	18.85 1.59 0.00
PPL_SHRM_GT4 24214	17.90 1.45 0.00	18.73 1.39 0.00	19.05 1.29 0.00	18.72 1.32 0.00	17.06 1.38 -0.04	20.11 1.62 0.00	19.26 1.61 0.00	20.83 1.80 0.00	21.58 1.96 0.00	23.70 2.16 -1.70	29.40 2.19 -6.52	28.43 2.15 -5.49	42.71 2.10 -20.18	31.20 2.15 -8.28	58.91 2.04 -37.13	79.54 2.12 -55.14	44.43 2.17 -19.96	21.33 1.92 -0.18	23.56 2.14 -1.06	24.84 2.23 0.00	24.82 2.11 0.00	41.28 1.94 -19.38	19.82 1.61 -0.70	18.85 1.59 0.00
PROJECT____ORANGE 1 24174	16.45 -0.06 -0.06	17.32 -0.06 -0.04	17.81 -0.08 -0.14	17.49 -0.05 -0.14	15.73 -0.04 -0.12	18.60 -0.03 -0.13	17.72 -0.01 -0.07	19.14 0.00 -0.11	19.83 0.03 -0.18	20.05 0.04 -0.17	20.86 0.02 -0.16	21.06 0.05 -0.22	20.62 0.04 -0.15	20.91 0.03 -0.11	19.98 0.03 -0.21	22.48 0.04 -0.15	22.47 0.07 -0.09	19.35 0.09 -0.04	20.42 0.07 0.02	22.68 0.06 -0.02	22.78 0.03 -0.04	19.97 0.01 -0.01	17.63 0.02 -0.11	17.25 -0.01 0.00
PROJECT____ORANGE 2 24166	16.45 -0.06 -0.06	17.32 -0.06 -0.04	17.81 -0.08 -0.14	17.49 -0.05 -0.14	15.73 -0.04 -0.12	18.60 -0.03 -0.13	17.72 -0.01 -0.07	19.14 0.00 -0.11	19.83 0.03 -0.18	20.05 0.04 -0.17	20.86 0.02 -0.16	21.06 0.05 -0.22	20.62 0.04 -0.15	20.91 0.03 -0.11	19.98 0.03 -0.21	22.48 0.04 -0.15	22.47 0.07 -0.09	19.35 0.09 -0.04	20.42 0.07 0.02	22.68 0.06 -0.02	22.78 0.03 -0.04	19.97 0.01 -0.01	17.63 0.02 -0.11	17.25 -0.01 0.00
PUCKETT____SOLAR 323809	17.04 0.59 0.00	17.99 0.65 0.00	18.39 0.64 0.00	18.09 0.68 0.00	16.28 0.62 -0.01	19.26 0.77 0.00	18.40 0.74 0.00	19.89 0.86 0.00	20.54 0.93 0.00	20.77 0.93 0.00	21.61 0.93 0.00	21.72 0.93 0.00	21.33 0.90 0.00	21.68 0.91 0.00	20.86 0.88 -0.23	23.27 0.98 -0.01	23.32 1.02 0.00	20.13 0.90 0.00	21.34 0.98 0.00	23.69 1.09 0.00	23.76 1.05 0.00	20.85 0.90 0.00	18.55 0.81 -0.25	17.97 0.71 0.00
PYRITES____HYD 24023	16.32 -0.14 0.00	17.21 -0.13 0.00	17.63 -0.13 -0.02	17.18 -0.23 -0.02	15.40 -0.25 -0.01	18.11 -0.40 -0.02	17.32 -0.35 -0.01	18.62 -0.43 -0.01	24.11 -0.60 -5.09	25.34 -0.64 -6.15	26.42 -0.54 -6.28	24.96 -0.57 -4.73	24.40 -0.57 -4.54	25.22 -0.54 -4.99	25.34 -0.53 -6.12	28.03 -0.64 -6.38	26.10 -0.60 -4.39	20.17 -0.56 -1.51	17.52 -0.58 2.27	22.11 -0.50 0.00	22.27 -0.44 0.00	19.56 -0.38 0.00	17.08 -0.43 -0.01	16.81 -0.45 0.00
QUAKERRD_115KV_BK1 80622	15.97 -0.22 0.27	16.74 -0.22 0.38	16.82 -0.26 0.67	16.54 -0.20 0.66	14.92 -0.16 0.56	17.75 -0.12 0.63	17.25 -0.08 0.33	18.46 -0.04 0.53	19.43 0.02 0.21	19.86 0.05 0.02	20.71 0.00 -0.02	20.44 0.09 0.45	20.32 0.04 0.15	20.81 -0.01 -0.06	19.87 -0.04 -0.16	22.39 0.02 -0.08	22.47 0.11 -0.05	19.37 0.13 -0.02	20.36 0.02 0.02	22.46 -0.06 0.08	22.44 -0.09 0.17	19.80 -0.09 0.05	17.29 -0.13 0.08	17.14 -0.12 0.00

QUEENSBRY_115KV_TB8 356137	17.62 1.02 -0.15	18.45 0.99 -0.11	18.97 1.02 -0.19	18.65 1.06 -0.19	16.84 0.99 -0.21	19.97 1.30 -0.18	18.96 1.21 -0.09	20.43 1.24 -0.16	21.02 1.31 -0.09	21.28 1.40 -0.05	22.17 1.46 -0.04	22.44 1.49 -0.16	21.96 1.46 -0.08	22.29 1.48 -0.03	22.06 1.47 -0.85	23.96 1.61 -0.06	23.85 1.53 -0.01	20.55 1.32 0.00	21.91 1.54 -0.01	24.28 1.64 -0.02	24.38 1.62 -0.05	21.34 1.38 -0.02	19.74 1.31 -0.94	18.53 1.27 0.00
RAMAPO___LBMP 323565	17.83 1.29 -0.09	18.74 1.30 -0.10	19.33 1.31 -0.27	18.98 1.32 -0.26	17.12 1.21 -0.26	20.16 1.41 -0.25	19.13 1.35 -0.13	20.77 1.52 -0.21	21.42 1.67 -0.13	21.66 1.76 -0.06	22.56 1.84 -0.05	22.83 1.82 -0.22	22.33 1.80 -0.10	22.65 1.85 -0.02	22.15 1.74 -0.66	24.29 1.94 -0.05	24.19 1.87 -0.02	20.83 1.61 0.00	22.14 1.77 -0.01	24.59 1.94 -0.03	24.69 1.92 -0.07	21.60 1.63 -0.02	19.68 1.42 -0.76	18.64 1.38 0.00
RANKINE____ 23646	12.78 -0.38 3.29	13.25 -0.36 3.73	7.72 -0.39 9.64	7.60 -0.25 9.55	7.27 -0.20 8.17	9.29 -0.14 9.06	12.78 -0.11 4.76	11.32 -0.03 7.69	15.75 0.02 3.89	18.46 -0.02 1.36	19.86 -0.07 0.75	13.68 0.12 7.24	17.56 0.07 2.94	20.73 -0.04 0.00	19.88 -0.06 -0.19	22.37 0.01 -0.08	22.52 0.16 -0.05	19.42 0.18 -0.02	20.16 -0.04 0.17	21.21 -0.15 1.25	19.99 -0.19 2.53	19.00 -0.20 0.75	14.86 -0.26 2.38	17.03 -0.23 0.00
RAVENSWOOD_GT2_1 24244	17.96 1.51 0.00	18.89 1.54 0.00	19.30 1.55 0.00	18.94 1.54 0.00	17.10 1.42 -0.04	20.15 1.66 0.00	19.24 1.58 0.00	20.81 1.78 0.00	21.58 1.96 0.00	21.90 2.07 0.00	22.85 2.17 0.00	22.95 2.16 0.00	22.57 2.14 0.00	22.97 2.20 0.00	22.50 2.10 -0.66	24.65 2.33 -0.04	24.54 2.23 0.00	21.14 1.92 0.00	22.44 2.07 0.00	24.85 2.24 0.00	24.91 2.21 0.00	21.86 1.92 0.00	19.87 1.67 -0.70	18.87 1.61 0.00
RAVENSWOOD_GT2_2 24245	17.96 1.51 0.00	18.89 1.54 0.00	19.30 1.55 0.00	18.94 1.54 0.00	17.10 1.42 -0.04	20.15 1.66 0.00	19.24 1.58 0.00	20.81 1.78 0.00	21.58 1.96 0.00	21.90 2.07 0.00	22.85 2.17 0.00	22.95 2.16 0.00	22.57 2.14 0.00	22.97 2.20 0.00	22.50 2.10 -0.66	24.65 2.33 -0.04	24.54 2.23 0.00	21.14 1.92 0.00	22.44 2.07 0.00	24.85 2.24 0.00	24.91 2.21 0.00	21.86 1.92 0.00	19.87 1.67 -0.70	18.87 1.61 0.00
RAVENSWOOD_GT2_3 24246	17.97 1.52 0.00	18.89 1.55 0.00	19.31 1.56 0.00	18.95 1.55 0.00	17.11 1.43 -0.04	20.16 1.67 0.00	19.24 1.59 0.00	20.82 1.79 0.00	21.59 1.97 0.00	21.91 2.07 0.00	22.86 2.18 0.00	22.96 2.17 0.00	22.57 2.14 0.00	22.98 2.21 0.00	22.51 2.10 -0.66	24.66 2.34 -0.04	24.56 2.24 0.00	21.15 1.93 0.00	22.45 2.08 0.00	24.86 2.25 0.00	24.92 2.22 0.00	21.87 1.92 0.00	19.88 1.68 -0.70	18.88 1.61 0.00
RAVENSWOOD_GT2_4 24247	17.97 1.52 0.00	18.89 1.55 0.00	19.31 1.56 0.00	18.95 1.55 0.00	17.11 1.43 -0.04	20.16 1.67 0.00	19.24 1.59 0.00	20.82 1.79 0.00	21.59 1.97 0.00	21.91 2.07 0.00	22.86 2.18 0.00	22.96 2.17 0.00	22.57 2.14 0.00	22.98 2.21 0.00	22.51 2.10 -0.66	24.66 2.34 -0.04	24.56 2.24 0.00	21.15 1.93 0.00	22.45 2.08 0.00	24.86 2.25 0.00	24.92 2.22 0.00	21.87 1.92 0.00	19.88 1.68 -0.70	18.88 1.61 0.00
RAVENSWOOD_GT3_1 24248	17.97 1.51 0.00	18.89 1.54 0.00	19.30 1.55 0.00	18.94 1.54 0.00	17.10 1.42 -0.04	20.15 1.66 0.00	19.23 1.58 0.00	20.81 1.77 0.00	21.58 1.96 0.00	21.90 2.07 0.00	22.85 2.17 0.00	22.95 2.15 0.00	22.56 2.13 0.00	22.97 2.20 0.00	22.50 2.09 -0.66	24.65 2.33 -0.04	24.54 2.23 0.00	21.14 1.92 0.00	22.44 2.07 0.00	24.85 2.24 0.00	24.91 2.20 0.00	21.86 1.91 0.00	19.87 1.67 -0.70	18.87 1.60 0.00
RAVENSWOOD_GT3_2 24249	17.97 1.51 0.00	18.89 1.54 0.00	19.30 1.55 0.00	18.94 1.54 0.00	17.10 1.42 -0.04	20.15 1.66 0.00	19.23 1.58 0.00	20.81 1.77 0.00	21.58 1.96 0.00	21.90 2.07 0.00	22.85 2.17 0.00	22.95 2.15 0.00	22.56 2.13 0.00	22.97 2.20 0.00	22.50 2.09 -0.66	24.65 2.33 -0.04	24.54 2.23 0.00	21.14 1.92 0.00	22.44 2.07 0.00	24.85 2.24 0.00	24.91 2.20 0.00	21.86 1.91 0.00	19.87 1.67 -0.70	18.87 1.60 0.00
RAVENSWOOD_GT3_3 24250	17.99 1.54 0.00	18.91 1.56 0.00	19.33 1.58 0.00	18.97 1.57 0.00	17.12 1.44 -0.04	20.18 1.69 0.00	19.26 1.60 0.00	20.84 1.80 0.00	21.61 1.99 0.00	21.93 2.10 0.00	22.88 2.20 0.00	22.98 2.19 0.00	22.60 2.17 0.00	23.01 2.23 0.00	22.53 2.13 -0.66	24.69 2.37 -0.04	24.58 2.27 0.00	21.17 1.95 0.00	22.47 2.10 0.00	24.89 2.28 0.00	24.95 2.24 0.00	21.90 1.94 0.00	19.89 1.69 -0.70	18.89 1.63 0.00
RAVENSWOOD_GT3_4 24251	17.99 1.54 0.00	18.91 1.56 0.00	19.33 1.58 0.00	18.97 1.57 0.00	17.12 1.44 -0.04	20.18 1.69 0.00	19.26 1.60 0.00	20.84 1.80 0.00	21.61 1.99 0.00	21.93 2.10 0.00	22.88 2.20 0.00	22.98 2.19 0.00	22.60 2.17 0.00	23.01 2.23 0.00	22.53 2.13 -0.66	24.69 2.37 -0.04	24.58 2.27 0.00	21.17 1.95 0.00	22.47 2.10 0.00	24.89 2.28 0.00	24.95 2.24 0.00	21.90 1.94 0.00	19.89 1.69 -0.70	18.89 1.63 0.00
RAVENSWOOD_GT_1 23729	18.02 1.57 0.00	18.94 1.60 0.00	19.37 1.62 0.00	19.00 1.60 0.00	17.15 1.47 -0.04	20.22 1.73 0.00	19.30 1.64 0.00	20.89 1.85 0.00	21.66 2.04 0.00	21.98 2.14 0.00	22.93 2.25 0.00	23.03 2.23 0.00	22.64 2.21 0.00	23.04 2.27 0.00	22.56 2.16 -0.66	24.72 2.40 -0.04	24.61 2.31 0.00	21.21 1.99 0.00	22.50 2.14 0.00	24.93 2.32 0.00	24.99 2.28 0.00	21.93 1.98 0.00	19.92 1.72 -0.70	18.92 1.66 0.00
RAVENSWOOD_GT_10 24258	17.96 1.51 0.00	18.88 1.54 0.00	19.30 1.55 0.00	18.94 1.54 0.00	17.10 1.42 -0.04	20.15 1.66 0.00	19.23 1.58 0.00	20.81 1.77 0.00	21.58 1.96 0.00	21.90 2.06 0.00	22.84 2.16 0.00	22.94 2.15 0.00	22.56 2.13 0.00	22.97 2.19 0.00	22.50 2.09 -0.66	24.65 2.33 -0.04	24.53 2.23 0.00	21.14 1.91 0.00	22.43 2.07 0.00	24.85 2.24 0.00	24.90 2.20 0.00	21.86 1.91 0.00	19.87 1.67 -0.70	18.86 1.60 0.00
RAVENSWOOD_GT_11 24259	17.96 1.51 0.00	18.88 1.54 0.00	19.30 1.55 0.00	18.94 1.54 0.00	17.10 1.42 -0.04	20.15 1.66 0.00	19.23 1.58 0.00	20.81 1.77 0.00	21.58 1.96 0.00	21.90 2.06 0.00	22.84 2.16 0.00	22.94 2.15 0.00	22.56 2.13 0.00	22.97 2.19 0.00	22.50 2.09 -0.66	24.65 2.33 -0.04	24.53 2.23 0.00	21.14 1.91 0.00	22.43 2.07 0.00	24.85 2.24 0.00	24.90 2.20 0.00	21.86 1.91 0.00	19.87 1.67 -0.70	18.86 1.60 0.00
RAVENSWOOD_GT_4 24252	17.95 1.50 0.00	18.87 1.53 0.00	19.30 1.54 0.00	18.93 1.53 0.00	17.09 1.41 -0.04	20.14 1.65 0.00	19.22 1.56 0.00	20.80 1.76 0.00	21.56 1.95 0.00	21.88 2.05 0.00	22.83 2.15 0.00	22.93 2.14 0.00	22.55 2.12 0.00	22.96 2.18 0.00	22.48 2.08 -0.66	24.64 2.32 -0.04	24.52 2.21 0.00	21.13 1.90 0.00	22.42 2.06 0.00	24.83 2.22 0.00	24.89 2.19 0.00	21.85 1.90 0.00	19.86 1.66 -0.70	18.86 1.59 0.00

RAVENSWOOD_GT_5 24254	17.95 1.50 0.00	18.87 1.53 0.00	19.30 1.54 0.00	18.93 1.53 0.00	17.09 1.41 -0.04	20.14 1.65 0.00	19.22 1.56 0.00	20.80 1.76 0.00	21.56 1.95 0.00	21.88 2.05 0.00	22.83 2.15 0.00	22.93 2.14 0.00	22.55 2.12 0.00	22.96 2.18 0.00	22.48 2.08 -0.66	24.64 2.32 -0.04	24.52 2.21 0.00	21.13 1.90 0.00	22.42 2.06 0.00	24.83 2.22 0.00	24.89 2.19 0.00	21.85 1.90 0.00	19.86 1.66 -0.70	18.86 1.59 0.00
RAVENSWOOD_GT_6 24253	17.95 1.50 0.00	18.87 1.53 0.00	19.30 1.54 0.00	18.93 1.53 0.00	17.09 1.41 -0.04	20.14 1.65 0.00	19.22 1.56 0.00	20.80 1.76 0.00	21.56 1.95 0.00	21.88 2.05 0.00	22.83 2.15 0.00	22.93 2.14 0.00	22.55 2.12 0.00	22.96 2.18 0.00	22.48 2.08 -0.66	24.64 2.32 -0.04	24.52 2.21 0.00	21.13 1.90 0.00	22.42 2.06 0.00	24.83 2.22 0.00	24.89 2.19 0.00	21.85 1.90 0.00	19.86 1.66 -0.70	18.86 1.59 0.00
RAVENSWOOD_GT_7 24255	17.95 1.50 0.00	18.87 1.53 0.00	19.30 1.54 0.00	18.93 1.53 0.00	17.09 1.41 -0.04	20.14 1.65 0.00	19.22 1.56 0.00	20.80 1.76 0.00	21.56 1.95 0.00	21.88 2.05 0.00	22.83 2.15 0.00	22.93 2.14 0.00	22.55 2.12 0.00	22.96 2.18 0.00	22.48 2.08 -0.66	24.64 2.32 -0.04	24.52 2.21 0.00	21.13 1.90 0.00	22.42 2.06 0.00	24.83 2.22 0.00	24.89 2.19 0.00	21.85 1.90 0.00	19.86 1.66 -0.70	18.86 1.59 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	17.96 1.51 0.00	18.88 1.54 0.00	19.30 1.55 0.00	18.94 1.54 0.00	17.10 1.42 -0.04	20.15 1.66 0.00	19.23 1.58 0.00	20.81 1.77 0.00	21.58 1.96 0.00	21.90 2.06 0.00	22.84 2.16 0.00	22.94 2.15 0.00	22.56 2.13 0.00	22.97 2.19 0.00	22.50 2.09 -0.66	24.65 2.33 -0.04	24.53 2.23 0.00	21.14 1.91 0.00	22.43 2.07 0.00	24.85 2.24 0.00	24.90 2.20 0.00	21.86 1.91 0.00	19.87 1.67 -0.70	18.86 1.60 0.00
RAVENSWOOD_GT_9 24257	17.96 1.51 0.00	18.88 1.54 0.00	19.30 1.55 0.00	18.94 1.54 0.00	17.10 1.42 -0.04	20.15 1.66 0.00	19.23 1.58 0.00	20.81 1.77 0.00	21.58 1.96 0.00	21.90 2.06 0.00	22.84 2.16 0.00	22.94 2.15 0.00	22.56 2.13 0.00	22.97 2.19 0.00	22.50 2.09 -0.66	24.65 2.33 -0.04	24.53 2.23 0.00	21.14 1.91 0.00	22.43 2.07 0.00	24.85 2.24 0.00	24.90 2.20 0.00	21.86 1.91 0.00	19.87 1.67 -0.70	18.86 1.60 0.00
RAVENSWOOD___1 23533	18.02 1.57 0.00	18.94 1.60 0.00	19.37 1.62 0.00	19.00 1.60 0.00	17.15 1.47 -0.04	20.22 1.73 0.00	19.30 1.64 0.00	20.89 1.85 0.00	21.66 2.04 0.00	21.98 2.14 0.00	22.93 2.25 0.00	23.03 2.23 0.00	22.64 2.21 0.00	23.04 2.27 0.00	22.56 2.16 -0.66	24.72 2.40 -0.04	24.61 2.31 0.00	21.21 1.99 0.00	22.50 2.14 0.00	24.93 2.32 0.00	24.99 2.28 0.00	21.93 1.98 0.00	19.92 1.72 -0.70	18.92 1.66 0.00
RAVENSWOOD___2 23534	18.02 1.57 0.00	18.94 1.60 0.00	19.37 1.62 0.00	19.00 1.60 0.00	17.15 1.47 -0.04	20.22 1.73 0.00	19.30 1.64 0.00	20.89 1.85 0.00	21.66 2.04 0.00	21.98 2.14 0.00	22.93 2.25 0.00	23.03 2.23 0.00	22.64 2.21 0.00	23.04 2.27 0.00	22.56 2.16 -0.66	24.72 2.40 -0.04	24.61 2.31 0.00	21.21 1.99 0.00	22.50 2.14 0.00	24.93 2.32 0.00	24.99 2.28 0.00	21.93 1.98 0.00	19.92 1.72 -0.70	18.92 1.66 0.00
RAVENSWOOD___3 23535	17.97 1.51 0.00	18.89 1.54 0.00	19.31 1.56 0.00	18.95 1.54 0.00	17.10 1.42 -0.04	20.15 1.66 0.00	19.24 1.58 0.00	20.82 1.78 0.00	21.58 1.96 0.00	21.90 2.07 0.00	22.85 2.17 0.00	22.95 2.16 0.00	22.57 2.14 0.00	22.97 2.20 0.00	22.50 2.10 -0.66	24.65 2.33 -0.04	24.54 2.23 0.00	21.14 1.92 0.00	22.44 2.07 0.00	24.85 2.24 0.00	24.91 2.21 0.00	21.86 1.92 0.00	19.87 1.67 -0.70	18.87 1.61 0.00
RAVENSWOOD___4 23820	18.02 1.57 0.00	18.94 1.60 0.00	19.37 1.62 0.00	19.00 1.60 0.00	17.15 1.47 -0.04	20.22 1.73 0.00	19.30 1.64 0.00	20.89 1.85 0.00	21.66 2.04 0.00	21.98 2.14 0.00	22.93 2.25 0.00	23.03 2.23 0.00	22.64 2.21 0.00	23.04 2.27 0.00	22.56 2.16 -0.66	24.72 2.40 -0.04	24.61 2.31 0.00	21.21 1.99 0.00	22.50 2.14 0.00	24.93 2.32 0.00	24.99 2.28 0.00	21.93 1.98 0.00	19.92 1.72 -0.70	18.92 1.66 0.00
RCPL_TRUST___DRP 24196	18.08 1.54 -0.09	19.01 1.57 -0.10	19.58 1.57 -0.26	19.22 1.56 -0.26	17.34 1.44 -0.26	20.41 1.67 -0.25	19.38 1.60 -0.13	21.04 1.79 -0.21	21.73 1.99 -0.12	21.99 2.09 -0.06	22.91 2.19 -0.04	23.18 2.17 -0.21	22.68 2.15 -0.10	23.01 2.22 -0.02	22.54 2.11 -0.67	24.70 2.36 -0.06	24.56 2.24 -0.02	21.14 1.91 0.00	22.45 2.08 -0.01	24.89 2.25 -0.03	24.99 2.22 -0.07	21.90 1.93 -0.02	19.95 1.69 -0.77	18.89 1.63 0.00
RED___ROCHESTER 323720	16.44 -0.01 0.00	17.35 0.00 0.00	17.71 -0.05 0.00	17.42 0.02 0.00	15.67 0.02 0.00	18.63 0.14 0.00	17.82 0.16 0.00	19.31 0.28 0.00	19.97 0.35 0.00	20.23 0.39 0.00	21.02 0.34 0.00	21.27 0.47 0.00	20.84 0.41 0.00	21.11 0.33 0.00	20.10 0.26 -0.09	22.67 0.38 0.00	22.81 0.50 0.00	19.70 0.48 0.00	20.73 0.37 0.00	22.93 0.32 0.00	22.99 0.28 0.00	20.17 0.22 0.00	17.72 0.14 -0.09	17.40 0.13 0.00
REGAN___SOLAR 323812	17.95 1.49 0.00	18.84 1.50 0.00	19.26 1.51 0.00	18.82 1.42 0.00	16.99 1.30 -0.05	20.01 1.52 0.00	19.19 1.53 0.00	20.69 1.66 0.00	21.53 1.92 0.00	21.62 1.78 0.00	22.56 1.88 0.00	22.64 1.84 0.00	22.06 1.63 0.00	22.57 1.80 0.00	22.41 1.74 -0.93	24.46 2.12 -0.05	24.46 2.15 0.00	21.04 1.81 0.00	22.35 1.99 0.00	24.83 2.22 0.00	24.94 2.23 0.00	21.81 1.86 0.00	20.03 1.54 -1.00	18.73 1.47 0.00
RENSSELAER___COGEN 23796	16.96 0.50 0.00	17.86 0.52 0.00	18.27 0.51 0.00	17.93 0.53 0.00	16.22 0.54 -0.04	19.06 0.57 0.00	18.21 0.55 0.00	19.60 0.57 0.00	20.28 0.66 0.00	20.54 0.70 0.00	21.45 0.76 0.00	21.50 0.71 0.00	21.16 0.73 0.00	21.54 0.76 0.00	21.26 0.72 -0.79	23.11 0.78 -0.04	23.03 0.72 0.00	19.91 0.69 0.00	21.13 0.76 0.00	23.35 0.74 0.00	23.39 0.69 0.00	20.57 0.62 0.00	18.94 0.59 -0.85	17.82 0.56 0.00
REPUBLIC_115KV_BARTNBRK 55605	18.40 1.79 -0.15	19.17 1.72 -0.11	19.77 1.83 -0.19	19.53 1.94 -0.19	17.67 1.81 -0.21	21.05 2.37 -0.18	19.96 2.21 -0.09	21.41 2.22 -0.16	21.90 2.18 -0.09	22.23 2.35 -0.05	23.14 2.42 -0.04	23.48 2.53 -0.16	23.02 2.52 -0.08	23.32 2.51 -0.03	23.13 2.54 -0.85	25.11 2.76 -0.06	24.99 2.67 -0.01	21.48 2.25 0.00	23.03 2.65 -0.01	25.51 2.87 -0.02	25.59 2.83 -0.05	22.23 2.27 -0.02	20.70 2.27 -0.94	19.50 2.24 0.00
REVERE_CPPR_DRP 24186	16.87 0.34 -0.08	17.74 0.35 -0.05	18.19 0.30 -0.14	17.78 0.24 -0.13	15.98 0.21 -0.12	18.86 0.23 -0.13	17.98 0.26 -0.07	19.41 0.26 -0.11	20.39 0.34 -0.43	20.67 0.36 -0.47	21.53 0.38 -0.48	21.61 0.36 -0.45	21.14 0.33 -0.38	21.46 0.33 -0.36	20.57 0.34 -0.49	23.10 0.34 -0.47	22.98 0.36 -0.31	19.70 0.37 -0.11	20.71 0.40 0.05	23.10 0.47 -0.02	23.23 0.49 -0.04	20.33 0.37 -0.01	17.89 0.31 -0.08	17.51 0.25 0.00

REYNOLDS_115KV_TB3 80639	17.29 0.68 -0.15	18.16 0.69 -0.12	18.65 0.70 -0.20	18.30 0.70 -0.20	16.53 0.68 -0.21	19.43 0.75 -0.19	18.47 0.72 -0.10	19.95 0.75 -0.16	20.58 0.87 -0.10	20.78 0.90 -0.05	21.66 0.94 -0.04	21.87 0.91 -0.16	21.43 0.92 -0.08	21.75 0.94 -0.03	21.47 0.91 -0.81	23.34 0.99 -0.06	23.26 0.93 -0.01	20.07 0.84 0.00	21.31 0.93 -0.01	23.58 0.94 -0.03	23.66 0.90 -0.05	20.76 0.80 -0.02	19.15 0.75 -0.91	17.98 0.72 0.00
RIVERBAY____ 323610	18.09 1.54 -0.09	19.02 1.58 -0.10	19.60 1.59 -0.26	19.22 1.56 -0.26	17.35 1.45 -0.26	20.40 1.66 -0.25	19.44 1.65 -0.13	21.02 1.78 -0.21	21.71 1.97 -0.13	21.90 2.01 -0.06	22.80 2.07 -0.04	23.07 2.06 -0.21	22.58 2.05 -0.10	22.89 2.10 -0.02	22.41 1.98 -0.67	24.56 2.22 -0.06	24.46 2.13 -0.02	21.05 1.82 0.00	22.34 1.97 -0.01	24.82 2.18 -0.03	24.90 2.13 -0.07	21.81 1.84 -0.02	19.85 1.58 -0.77	18.81 1.54 0.00
RIVERSDE_115KV_TB3 55908	17.18 0.57 -0.15	18.06 0.59 -0.12	18.53 0.58 -0.20	18.19 0.59 -0.20	16.44 0.58 -0.21	19.30 0.62 -0.18	18.36 0.60 -0.10	19.82 0.63 -0.16	20.45 0.74 -0.10	20.65 0.77 -0.05	21.55 0.83 -0.04	21.75 0.78 -0.16	21.30 0.80 -0.08	21.64 0.83 -0.03	21.35 0.78 -0.82	23.20 0.86 -0.06	23.12 0.80 -0.01	19.98 0.75 0.00	21.20 0.83 -0.01	23.45 0.82 -0.03	23.53 0.77 -0.05	20.65 0.69 -0.02	19.05 0.65 -0.91	17.88 0.62 0.00
ROARING____BROOK_WT_PWR 323790	16.01 -0.44 0.00	16.79 -0.55 0.00	17.13 -0.62 0.00	16.63 -0.77 0.00	14.91 -0.73 0.00	17.57 -0.93 0.00	16.61 -1.04 0.00	17.82 -1.22 0.00	18.27 -1.31 0.04	18.48 -1.36 0.00	19.36 -1.32 0.00	19.47 -1.32 0.00	19.08 -1.34 0.00	19.39 -1.39 0.00	18.45 -1.30 0.00	20.90 -1.39 0.00	20.99 -1.32 0.00	18.03 -1.19 0.00	14.26 -1.25 4.85	21.28 -1.33 0.00	21.42 -1.29 0.00	18.76 -1.18 0.00	16.39 -1.10 0.00	16.31 -0.95 0.00
ROCHESRG_115KV_T4 355643	15.75 -0.23 0.47	16.49 -0.23 0.63	16.22 -0.27 1.26	15.95 -0.20 1.25	14.42 -0.16 1.07	17.22 -0.09 1.18	16.98 -0.05 0.62	18.04 0.02 1.01	19.23 0.07 0.45	19.82 0.10 0.11	20.70 0.05 0.03	20.06 0.16 0.90	20.21 0.11 0.34	20.86 0.04 -0.05	19.91 0.00 -0.16	22.44 0.07 -0.08	22.55 0.19 -0.05	19.45 0.21 -0.02	20.40 0.06 0.03	22.42 -0.02 0.16	22.32 -0.05 0.33	19.79 -0.06 0.10	17.15 -0.11 0.23	17.17 -0.09 0.00
ROCHESTER_9_IC 23652	15.93 -0.13 0.39	16.71 -0.12 0.50	16.55 -0.16 1.04	16.28 -0.09 1.03	14.70 -0.07 0.88	17.55 0.03 0.97	17.20 0.06 0.51	18.36 0.15 0.83	19.47 0.21 0.36	20.00 0.25 0.07	20.86 0.19 0.01	20.38 0.31 0.73	20.43 0.26 0.27	21.01 0.18 -0.05	20.04 0.13 -0.17	22.59 0.22 -0.08	22.71 0.35 -0.05	19.60 0.36 -0.02	20.56 0.22 0.03	22.63 0.15 0.13	22.56 0.12 0.27	19.96 0.09 0.08	17.34 0.02 0.17	17.29 0.02 0.00
ROCKVIEW_13_KV_LD 356306	18.03 1.49 -0.09	18.96 1.52 -0.10	19.53 1.52 -0.26	19.17 1.51 -0.26	17.29 1.39 -0.26	20.37 1.63 -0.25	19.34 1.56 -0.13	21.00 1.75 -0.21	21.69 1.95 -0.12	21.94 2.04 -0.06	22.87 2.14 -0.04	23.14 2.13 -0.21	22.64 2.11 -0.10	22.97 2.17 -0.02	22.48 2.05 -0.67	24.63 2.28 -0.06	24.52 2.20 -0.02	21.12 1.89 0.00	22.43 2.06 -0.01	24.86 2.22 -0.03	24.95 2.17 -0.07	21.84 1.87 -0.02	19.90 1.63 -0.77	18.83 1.57 0.00
ROME____115KV_TB2 80656	16.87 0.34 -0.08	17.74 0.35 -0.05	18.19 0.30 -0.14	17.78 0.24 -0.13	15.98 0.21 -0.12	18.86 0.23 -0.13	17.98 0.26 -0.07	19.41 0.26 -0.11	20.39 0.34 -0.43	20.67 0.36 -0.47	21.53 0.38 -0.48	21.61 0.36 -0.45	21.14 0.33 -0.38	21.46 0.33 -0.36	20.57 0.34 -0.49	23.10 0.34 -0.47	22.98 0.36 -0.31	19.70 0.37 -0.11	20.71 0.40 0.05	23.10 0.47 -0.02	23.23 0.49 -0.04	20.33 0.37 -0.01	17.89 0.31 -0.08	17.51 0.25 0.00
ROSETON____1 23587	17.64 1.19 0.00	18.54 1.20 0.00	18.96 1.21 0.00	18.61 1.21 0.00	16.80 1.12 -0.04	19.80 1.31 0.00	18.90 1.25 0.00	20.42 1.39 0.00	21.16 1.54 0.00	21.45 1.62 0.00	22.37 1.69 0.00	22.48 1.68 0.00	22.10 1.67 0.00	22.49 1.71 0.00	22.03 1.62 -0.66	24.12 1.80 -0.04	24.05 1.74 0.00	20.72 1.50 0.00	22.01 1.64 0.00	24.38 1.77 0.00	24.45 1.74 0.00	21.44 1.49 0.00	19.52 1.31 -0.71	18.53 1.27 0.00
ROSETON____2 23588	17.64 1.19 0.00	18.54 1.20 0.00	18.96 1.21 0.00	18.61 1.21 0.00	16.80 1.12 -0.04	19.80 1.31 0.00	18.90 1.25 0.00	20.42 1.39 0.00	21.16 1.54 0.00	21.45 1.62 0.00	22.37 1.69 0.00	22.48 1.68 0.00	22.10 1.67 0.00	22.49 1.71 0.00	22.03 1.62 -0.66	24.12 1.80 -0.04	24.05 1.74 0.00	20.72 1.50 0.00	22.01 1.64 0.00	24.38 1.77 0.00	24.45 1.74 0.00	21.44 1.49 0.00	19.52 1.31 -0.71	18.53 1.27 0.00
ROTTSDAM_115KV_TB3 80664	17.33 0.73 -0.15	18.20 0.74 -0.11	18.70 0.75 -0.19	18.34 0.74 -0.19	16.55 0.70 -0.21	19.48 0.81 -0.18	18.53 0.78 -0.09	20.01 0.82 -0.16	20.63 0.92 -0.09	20.83 0.95 -0.05	21.70 0.98 -0.04	21.93 0.97 -0.16	21.45 0.94 -0.08	21.78 0.97 -0.03	21.55 0.94 -0.86	23.40 1.06 -0.06	23.34 1.02 -0.01	20.11 0.89 0.00	21.36 0.98 -0.01	23.68 1.04 -0.02	23.78 1.02 -0.05	20.84 0.88 -0.02	19.24 0.80 -0.95	18.03 0.77 0.00
RUSSELL____1 23602	16.02 -0.04 0.39	16.81 -0.03 0.50	16.64 -0.07 1.04	16.38 0.00 1.03	14.79 0.01 0.88	17.66 0.14 0.97	17.30 0.16 0.51	18.47 0.27 0.83	19.59 0.34 0.36	20.13 0.38 0.07	21.01 0.34 0.01	20.53 0.46 0.73	20.56 0.40 0.27	21.15 0.32 -0.05	20.17 0.26 -0.17	22.73 0.37 -0.08	22.86 0.50 -0.05	19.73 0.49 -0.02	20.70 0.37 0.03	22.79 0.31 0.13	22.72 0.28 0.27	20.09 0.23 0.08	17.45 0.13 0.17	17.39 0.13 0.00
RUSSELL____2 23532	16.02 -0.04 0.39	16.81 -0.03 0.50	16.64 -0.07 1.04	16.38 0.00 1.03	14.79 0.01 0.88	17.66 0.14 0.97	17.30 0.16 0.51	18.47 0.27 0.83	19.59 0.34 0.36	20.13 0.38 0.07	21.01 0.34 0.01	20.53 0.46 0.73	20.56 0.40 0.27	21.15 0.32 -0.05	20.17 0.26 -0.17	22.73 0.37 -0.08	22.86 0.50 -0.05	19.73 0.49 -0.02	20.70 0.37 0.03	22.79 0.31 0.13	22.72 0.28 0.27	20.09 0.23 0.08	17.45 0.13 0.17	17.39 0.13 0.00
RUSSELL____3 23549	16.02 -0.04 0.39	16.81 -0.03 0.50	16.64 -0.07 1.04	16.38 0.00 1.03	14.79 0.01 0.88	17.66 0.14 0.97	17.30 0.16 0.51	18.47 0.27 0.83	19.59 0.34 0.36	20.13 0.38 0.07	21.01 0.34 0.01	20.53 0.46 0.73	20.56 0.40 0.27	21.15 0.32 -0.05	20.17 0.26 -0.17	22.73 0.37 -0.08	22.86 0.50 -0.05	19.73 0.49 -0.02	20.70 0.37 0.03	22.79 0.31 0.13	22.72 0.28 0.27	20.09 0.23 0.08	17.45 0.13 0.17	17.39 0.13 0.00
RUSSELL____4 23556	16.02 -0.04 0.39	16.81 -0.03 0.50	16.64 -0.07 1.04	16.38 0.00 1.03	14.79 0.01 0.88	17.66 0.14 0.97	17.30 0.16 0.51	18.47 0.27 0.83	19.59 0.34 0.36	20.13 0.38 0.07	21.01 0.34 0.01	20.53 0.46 0.73	20.56 0.40 0.27	21.15 0.32 -0.05	20.17 0.26 -0.17	22.73 0.37 -0.08	22.86 0.50 -0.05	19.73 0.49 -0.02	20.70 0.37 0.03	22.79 0.31 0.13	22.72 0.28 0.27	20.09 0.23 0.08	17.45 0.13 0.17	17.39 0.13 0.00

RUSSELL___STATION 23914	16.02 -0.04 0.39	16.81 -0.03 0.50	16.64 -0.07 1.04	16.38 0.00 1.03	14.79 0.01 0.88	17.66 0.14 0.97	17.30 0.16 0.51	18.47 0.27 0.83	19.59 0.34 0.36	20.13 0.38 0.07	21.01 0.34 0.01	20.53 0.46 0.73	20.56 0.40 0.27	21.15 0.32 -0.05	20.17 0.26 -0.17	22.73 0.37 -0.08	22.86 0.50 -0.05	19.73 0.49 -0.02	20.70 0.37 0.03	22.79 0.31 0.13	22.72 0.28 0.27	20.09 0.23 0.08	17.45 0.13 0.17	17.39 0.13 0.00
S SALMON___HYD 24043	16.18 -0.27 0.00	17.04 -0.30 0.00	17.38 -0.37 0.00	16.98 -0.42 0.00	15.19 -0.46 0.00	17.99 -0.50 0.00	17.17 -0.49 0.00	18.51 -0.53 0.00	19.08 -0.54 0.00	19.34 -0.49 0.00	20.21 -0.47 0.00	20.32 -0.48 0.00	19.96 -0.47 0.00	20.29 -0.48 0.00	19.31 -0.49 -0.05	21.67 -0.62 0.00	21.68 -0.63 0.00	18.76 -0.46 0.00	19.73 -0.48 0.15	22.16 -0.45 0.00	22.29 -0.42 0.00	19.53 -0.41 0.00	17.20 -0.35 -0.06	16.86 -0.40 0.00
S.PERRY__115KV_TB1 80734	26.75 -0.50 -10.79	29.16 -0.52 -12.34	48.48 -0.55 -31.28	48.02 -0.36 -30.98	41.80 -0.37 -26.52	47.74 -0.17 -29.42	32.92 -0.17 -15.44	44.02 0.04 -24.94	32.54 0.04 -12.88	24.53 -0.02 -4.71	23.32 -0.12 -2.76	44.49 -0.03 -23.72	30.07 -0.13 -9.78	20.77 -0.26 -0.25	20.12 0.18 -0.20	22.89 0.52 -0.08	22.94 0.58 -0.05	19.97 0.73 -0.02	21.65 0.75 -0.53	27.48 0.82 -4.05	31.71 0.81 -8.20	23.12 0.73 -2.45	26.31 0.54 -8.28	17.69 0.43 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	12.75 -0.56 3.14	13.25 -0.56 3.53	7.91 -0.60 9.24	7.77 -0.48 9.15	7.42 -0.40 7.83	9.44 -0.37 8.68	12.76 -0.33 4.56	11.40 -0.26 7.37	15.66 -0.23 3.73	18.27 -0.27 1.30	19.64 -0.33 0.72	13.74 -0.12 6.94	17.44 -0.17 2.82	20.49 -0.29 -0.01	19.63 -0.30 -0.19	22.09 -0.28 -0.08	22.24 -0.12 -0.05	19.17 -0.07 -0.02	19.88 -0.32 0.17	20.93 -0.49 1.20	19.76 -0.53 2.42	18.74 -0.49 0.72	14.70 -0.52 2.28	16.80 -0.46 0.00
SAWYER__23_KV_LOAD 55526	12.75 -0.56 3.14	13.25 -0.56 3.53	7.91 -0.60 9.24	7.77 -0.48 9.15	7.42 -0.40 7.83	9.44 -0.37 8.68	12.76 -0.33 4.56	11.40 -0.26 7.37	15.66 -0.23 3.73	18.27 -0.27 1.30	19.64 -0.33 0.72	13.74 -0.12 6.94	17.44 -0.17 2.82	20.49 -0.29 -0.01	19.63 -0.30 -0.19	22.09 -0.28 -0.08	22.24 -0.12 -0.05	19.17 -0.07 -0.02	19.88 -0.32 0.17	20.93 -0.49 1.20	19.76 -0.53 2.42	18.74 -0.49 0.72	14.70 -0.52 2.28	16.80 -0.46 0.00
SELKIRK___I 23801	17.04 0.59 0.00	17.96 0.61 0.00	18.37 0.63 0.00	18.04 0.64 0.00	16.30 0.61 -0.04	19.19 0.70 0.00	18.33 0.67 0.00	19.73 0.70 0.00	20.42 0.80 0.00	20.66 0.82 0.00	21.55 0.87 0.00	21.62 0.83 0.00	21.26 0.83 0.00	21.63 0.85 0.00	21.33 0.80 -0.78	23.22 0.90 -0.04	23.16 0.85 0.00	20.01 0.79 0.00	21.22 0.85 0.00	23.46 0.85 0.00	23.51 0.81 0.00	20.67 0.72 0.00	19.02 0.69 -0.84	17.93 0.67 0.00
SELKIRK___II 23799	17.03 0.57 0.00	17.93 0.59 0.00	18.35 0.59 0.00	18.01 0.61 0.00	16.28 0.59 -0.04	19.14 0.65 0.00	18.28 0.62 0.00	19.68 0.65 0.00	20.37 0.75 0.00	20.62 0.78 0.00	21.51 0.83 0.00	21.59 0.79 0.00	21.23 0.80 0.00	21.60 0.83 0.00	21.31 0.78 -0.79	23.19 0.87 -0.04	23.12 0.80 0.00	19.97 0.75 0.00	21.18 0.82 0.00	23.44 0.83 0.00	23.49 0.78 0.00	20.65 0.70 0.00	18.99 0.65 -0.84	17.88 0.62 0.00
SENECA OSWGO___HYD 24041	16.21 -0.24 0.00	17.09 -0.25 0.00	17.48 -0.27 0.00	17.15 -0.25 0.00	15.43 -0.22 0.00	18.25 -0.25 0.00	17.44 -0.21 0.00	18.81 -0.23 0.00	19.41 -0.21 0.00	19.63 -0.21 0.00	20.45 -0.23 0.00	20.59 -0.20 0.00	20.22 -0.21 0.00	20.53 -0.24 0.00	19.58 -0.22 -0.06	22.05 -0.24 0.00	22.10 -0.21 0.00	19.07 -0.16 0.00	20.19 -0.18 0.00	22.39 -0.22 0.00	22.47 -0.24 0.00	19.72 -0.23 0.00	17.37 -0.18 -0.06	17.06 -0.20 0.00
SENECA___115KV_TB3 355854	12.82 -0.34 3.29	13.28 -0.33 3.73	7.75 -0.36 9.64	7.62 -0.23 9.55	7.30 -0.18 8.17	9.31 -0.11 9.06	12.81 -0.08 4.76	11.35 0.01 7.69	15.78 0.06 3.89	18.49 0.01 1.36	19.89 -0.03 0.75	13.72 0.16 7.24	17.60 0.11 2.94	20.77 -0.01 0.00	19.91 -0.03 -0.19	22.42 0.05 -0.08	22.56 0.20 -0.05	19.45 0.21 -0.02	20.19 0.00 0.17	21.26 -0.11 1.25	20.03 -0.15 2.53	19.04 -0.16 0.75	14.88 -0.23 2.38	17.05 -0.21 0.00
SENECA___ENERGY 23797	18.27 -0.01 -1.83	19.45 0.00 -2.11	19.88 -0.05 -2.17	19.60 0.04 -2.15	17.54 0.05 -1.85	20.67 0.13 -2.05	18.86 0.13 -1.07	20.95 0.18 -1.73	20.77 0.26 -0.89	20.43 0.27 -0.32	21.09 0.22 -0.19	22.69 0.25 -1.65	21.38 0.25 -0.70	21.25 0.23 -0.24	20.03 0.20 -0.09	22.58 0.29 0.00	22.69 0.38 0.00	19.58 0.36 0.00	20.74 0.34 -0.04	23.26 0.36 -0.28	23.61 0.33 -0.58	20.40 0.28 -0.17	18.39 0.22 -0.67	17.42 0.16 0.00
SHOEMAKER___GT 23640	17.58 1.12 0.00	18.48 1.14 0.00	18.90 1.15 0.00	18.56 1.16 0.00	16.74 1.06 -0.03	19.75 1.26 0.00	18.85 1.19 0.00	20.39 1.36 0.00	21.09 1.47 0.00	21.39 1.56 0.00	22.30 1.62 0.00	22.41 1.61 0.00	22.02 1.59 0.00	22.40 1.63 0.00	21.92 1.55 -0.63	24.04 1.72 -0.03	23.98 1.67 0.00	20.67 1.44 0.00	21.94 1.58 0.00	24.32 1.71 0.00	24.39 1.68 0.00	21.40 1.45 0.00	19.44 1.27 -0.67	18.49 1.23 0.00
SHOEMAKR_138KV_BK 111 55601	17.67 1.13 -0.09	18.59 1.14 -0.10	19.17 1.15 -0.27	18.83 1.16 -0.27	16.97 1.06 -0.27	20.00 1.25 -0.26	18.98 1.19 -0.14	20.60 1.35 -0.22	21.23 1.48 -0.13	21.45 1.55 -0.06	22.34 1.61 -0.05	22.63 1.61 -0.23	22.12 1.59 -0.10	22.42 1.63 -0.02	21.93 1.54 -0.64	24.06 1.71 -0.06	23.99 1.66 -0.02	20.66 1.43 0.00	21.94 1.57 -0.01	24.35 1.71 -0.04	24.46 1.68 -0.07	21.41 1.44 -0.02	19.50 1.26 -0.74	18.48 1.22 0.00
SHOREHAM_IC_1 23715	17.90 1.45 0.00	18.73 1.39 0.00	19.05 1.29 0.00	18.72 1.32 0.00	17.06 1.38 -0.04	20.11 1.62 0.00	19.26 1.61 0.00	20.83 1.80 0.00	21.58 1.96 0.00	23.70 2.16 -1.70	29.40 2.19 -6.52	28.43 2.15 -5.49	42.71 2.10 -20.18	31.20 2.15 -8.28	58.91 2.04 -37.13	79.54 2.12 -55.14	44.43 2.17 -19.96	21.33 1.92 -0.18	23.56 2.14 -1.06	24.84 2.23 0.00	24.82 2.11 0.00	41.28 1.94 -19.38	19.82 1.61 -0.70	18.85 1.59 0.00
SHOREHAM_IC_2 23716	17.90 1.45 0.00	18.73 1.39 0.00	19.05 1.29 0.00	18.72 1.32 0.00	17.06 1.38 -0.04	20.11 1.62 0.00	19.26 1.61 0.00	20.83 1.80 0.00	21.58 1.96 0.00	23.70 2.16 -1.70	29.40 2.19 -6.52	28.43 2.15 -5.49	42.71 2.10 -20.18	31.20 2.15 -8.28	58.91 2.04 -37.13	79.54 2.12 -55.14	44.43 2.17 -19.96	21.33 1.92 -0.18	23.56 2.14 -1.06	24.84 2.23 0.00	24.82 2.11 0.00	41.28 1.94 -19.38	19.82 1.61 -0.70	18.85 1.59 0.00
SISSONVILLE___ 23735	15.94 -0.52 0.00	16.80 -0.54 0.00	17.20 -0.57 -0.02	16.76 -0.66 -0.02	15.01 -0.65 -0.02	17.66 -0.85 -0.02	16.85 -0.81 -0.01	18.14 -0.90 -0.01	24.16 -1.11 -5.65	25.54 -1.12 -6.82	26.60 -1.04 -6.96	24.96 -1.08 -5.24	24.41 -1.06 -5.03	25.30 -1.03 -5.55	25.54 -0.99 -6.79	28.20 -1.17 -7.08	26.06 -1.14 -4.89	19.86 -1.03 -1.67	17.08 -1.07 2.22	21.56 -1.05 0.00	21.73 -0.98 0.00	19.09 -0.85 0.00	16.67 -0.85 -0.02	16.40 -0.86 0.00

SITHE_IND_GS1 24169	16.11 -0.35 0.00	16.98 -0.36 0.00	17.36 -0.39 0.00	17.04 -0.36 0.00	15.33 -0.32 0.00	18.12 -0.37 0.00	17.31 -0.34 0.00	18.66 -0.38 0.00	19.24 -0.38 0.00	19.46 -0.38 0.00	20.26 -0.41 0.00	20.40 -0.39 0.00	20.04 -0.39 0.00	20.36 -0.41 0.00	19.39 -0.40 -0.05	21.85 -0.44 0.00	21.89 -0.42 0.00	18.88 -0.34 0.00	19.98 -0.38 0.00	22.17 -0.44 0.00	22.25 -0.46 0.00	19.54 -0.40 0.00	17.22 -0.33 -0.05	16.92 -0.34 0.00
SITHE_IND_GS2 24170	16.11 -0.35 0.00	16.98 -0.36 0.00	17.36 -0.39 0.00	17.04 -0.36 0.00	15.33 -0.32 0.00	18.12 -0.37 0.00	17.31 -0.34 0.00	18.66 -0.38 0.00	19.24 -0.38 0.00	19.46 -0.38 0.00	20.26 -0.41 0.00	20.40 -0.39 0.00	20.04 -0.39 0.00	20.36 -0.41 0.00	19.39 -0.40 -0.05	21.85 -0.44 0.00	21.89 -0.42 0.00	18.88 -0.34 0.00	19.98 -0.38 0.00	22.17 -0.44 0.00	22.25 -0.46 0.00	19.54 -0.40 0.00	17.22 -0.33 -0.05	16.92 -0.34 0.00
SITHE_IND_GS3 24171	16.11 -0.35 0.00	16.98 -0.36 0.00	17.36 -0.39 0.00	17.04 -0.36 0.00	15.33 -0.32 0.00	18.12 -0.37 0.00	17.31 -0.34 0.00	18.66 -0.38 0.00	19.24 -0.38 0.00	19.46 -0.38 0.00	20.26 -0.41 0.00	20.40 -0.39 0.00	20.04 -0.39 0.00	20.36 -0.41 0.00	19.39 -0.40 -0.05	21.85 -0.44 0.00	21.89 -0.42 0.00	18.88 -0.34 0.00	19.98 -0.38 0.00	22.17 -0.44 0.00	22.25 -0.46 0.00	19.54 -0.40 0.00	17.22 -0.33 -0.05	16.92 -0.34 0.00
SITHE_IND_GS4 24172	16.11 -0.35 0.00	16.98 -0.36 0.00	17.36 -0.39 0.00	17.04 -0.36 0.00	15.33 -0.32 0.00	18.12 -0.37 0.00	17.31 -0.34 0.00	18.66 -0.38 0.00	19.24 -0.38 0.00	19.46 -0.38 0.00	20.26 -0.41 0.00	20.40 -0.39 0.00	20.04 -0.39 0.00	20.36 -0.41 0.00	19.39 -0.40 -0.05	21.85 -0.44 0.00	21.89 -0.42 0.00	18.88 -0.34 0.00	19.98 -0.38 0.00	22.17 -0.44 0.00	22.25 -0.46 0.00	19.54 -0.40 0.00	17.22 -0.33 -0.05	16.92 -0.34 0.00
SITHE___BATAVIA 24024	13.00 0.10 3.55	13.38 0.13 4.09	13.62 0.08 4.21	13.38 0.15 4.17	12.22 0.14 3.57	14.81 0.28 3.97	15.89 0.31 2.08	16.14 0.47 3.36	18.47 0.58 1.73	19.70 0.49 0.63	20.76 0.44 0.36	18.27 0.66 3.19	19.62 0.55 1.36	20.63 0.32 0.46	20.10 0.26 -0.10	22.64 0.35 -0.01	22.90 0.59 0.00	19.82 0.59 0.00	20.75 0.46 0.07	22.48 0.42 0.55	22.01 0.40 1.10	19.91 0.29 0.33	16.67 0.16 0.99	17.43 0.17 0.00
SITHE___INDEPEND 23800	16.01 -0.35 0.10	16.90 -0.37 0.08	17.24 -0.39 0.13	16.91 -0.37 0.12	15.22 -0.32 0.10	18.00 -0.37 0.12	17.25 -0.34 0.06	18.56 -0.38 0.10	19.24 -0.39 -0.01	19.50 -0.38 -0.05	20.32 -0.41 -0.06	20.36 -0.39 0.04	20.04 -0.39 -0.01	20.40 -0.41 -0.04	19.46 -0.40 -0.12	21.92 -0.44 -0.07	21.94 -0.42 -0.05	18.90 -0.34 -0.02	19.98 -0.38 0.01	22.15 -0.44 0.02	22.21 -0.46 0.03	19.53 -0.40 0.01	17.19 -0.33 -0.02	16.92 -0.34 0.00
SITHE___MASSENA 23902	16.41 -0.04 0.00	17.30 -0.04 0.00	17.72 -0.04 0.00	17.30 -0.09 0.00	15.53 -0.11 0.00	18.32 -0.17 0.00	17.48 -0.17 0.00	18.82 -0.21 0.00	20.69 -0.36 -1.43	21.18 -0.40 -1.75	22.12 -0.34 -1.79	21.78 -0.35 -1.34	21.41 -0.34 -1.33	22.25 -0.32 -1.79	21.19 -0.31 -1.75	23.78 -0.36 -1.85	23.68 -0.33 -1.71	19.31 -0.34 -0.43	17.41 -0.37 2.58	22.30 -0.31 0.00	22.45 -0.26 0.00	19.74 -0.20 0.00	17.25 -0.25 0.00	17.03 -0.23 0.00
SITHE___OGDNSBRG 24021	16.43 -0.02 0.00	17.33 -0.02 0.00	17.75 -0.01 -0.01	17.32 -0.10 -0.01	15.53 -0.12 -0.01	18.30 -0.20 -0.01	17.48 -0.18 -0.01	18.82 -0.22 -0.01	23.24 -0.39 -4.01	24.27 -0.42 -4.85	25.30 -0.33 -4.95	24.18 -0.35 -3.73	23.65 -0.35 -3.58	24.35 -0.33 -3.90	24.24 -0.33 -4.82	26.92 -0.40 -5.03	25.37 -0.36 -3.42	20.06 -0.35 -1.19	17.64 -0.37 2.36	22.34 -0.27 0.00	22.49 -0.22 0.00	19.77 -0.18 0.00	17.25 -0.25 -0.01	17.00 -0.26 0.00
SITHE___STERLING 23777	16.72 0.27 0.00	17.61 0.27 0.00	17.99 0.24 0.00	17.62 0.22 0.00	15.84 0.19 0.00	18.72 0.23 0.00	17.90 0.25 0.00	19.30 0.27 0.00	19.97 0.35 0.00	20.17 0.34 0.00	21.02 0.34 0.00	21.13 0.34 0.00	20.74 0.31 0.00	21.10 0.32 0.00	20.12 0.32 -0.05	22.64 0.35 0.00	22.69 0.38 0.00	19.60 0.38 0.00	20.76 0.40 0.00	23.06 0.45 0.00	23.19 0.48 0.00	20.32 0.38 0.00	17.86 0.31 -0.05	17.52 0.26 0.00
SLEIGHT__34_KV_TB1 80719	17.00 0.30 -0.25	17.77 0.33 -0.09	18.31 0.27 -0.29	18.03 0.34 -0.28	16.22 0.33 -0.25	19.23 0.47 -0.27	18.23 0.43 -0.14	19.76 0.50 -0.23	20.45 0.63 -0.20	20.62 0.64 -0.14	21.41 0.61 -0.13	21.75 0.66 -0.29	21.21 0.62 -0.17	21.52 0.64 -0.10	20.47 0.54 -0.18	23.10 0.71 -0.11	23.14 0.77 -0.06	19.96 0.71 -0.03	21.02 0.66 0.01	23.35 0.71 -0.04	23.50 0.72 -0.08	20.58 0.61 -0.02	18.16 0.49 -0.17	17.69 0.42 0.00
SOUTH CAIRO___GT 23612	17.31 0.86 0.00	18.22 0.87 0.00	18.62 0.87 0.00	18.30 0.90 0.00	16.54 0.85 -0.04	19.53 1.04 0.00	18.67 1.01 0.00	20.14 1.10 0.00	20.88 1.26 0.00	21.12 1.29 0.00	21.98 1.30 0.00	22.03 1.23 0.00	21.66 1.24 0.00	22.04 1.27 0.00	21.64 1.14 -0.76	23.70 1.38 -0.04	23.66 1.35 0.00	20.52 1.30 0.00	21.77 1.40 0.00	24.07 1.46 0.00	24.12 1.41 0.00	21.17 1.22 0.00	19.40 1.10 -0.81	18.30 1.04 0.00
SOUTH HAMPTN___IC 23720	18.21 1.76 0.00	19.05 1.71 0.00	19.37 1.62 0.00	19.06 1.66 0.00	17.34 1.66 -0.04	20.48 1.99 0.00	19.62 1.96 0.00	21.26 2.23 0.00	22.04 2.43 0.00	24.21 2.67 -1.70	29.95 2.75 -6.52	29.01 2.71 -5.49	43.26 2.65 -20.18	31.76 2.71 -8.28	59.42 2.55 -37.13	79.98 2.56 -55.14	44.98 2.72 -19.96	21.85 2.45 -0.18	24.12 2.69 -1.06	25.46 2.85 0.00	25.42 2.72 0.00	41.79 2.45 -19.38	20.25 2.05 -0.70	19.25 1.99 0.00
SOUTHDOW__115KV_TB1 355954	14.64 0.01 1.82	15.39 0.05 2.01	12.48 0.04 5.32	12.49 0.35 5.27	11.54 0.39 4.50	14.05 0.55 4.99	15.58 0.55 2.63	15.51 0.72 4.24	18.25 0.76 2.12	19.86 0.74 0.72	21.00 0.71 0.38	17.69 0.86 3.97	19.74 0.91 1.60	21.66 0.86 -0.02	20.81 0.87 -0.20	23.47 1.10 -0.08	23.66 1.30 -0.05	20.37 1.12 -0.02	21.27 1.00 0.10	22.91 0.99 0.69	22.18 0.87 1.39	20.16 0.62 0.42	16.65 0.40 1.25	17.60 0.34 0.00
SOUTHOLD_69_KV_BK 2 55809	18.50 1.96 -0.09	19.36 1.92 -0.10	19.83 1.82 -0.26	19.52 1.86 -0.26	17.72 1.82 -0.26	20.95 2.21 -0.25	19.95 2.16 -0.13	21.73 2.49 -0.21	22.48 2.74 -0.12	24.59 2.99 -1.76	30.32 3.07 -6.57	29.56 3.05 -5.71	43.68 2.98 -20.27	32.12 3.04 -8.30	59.75 2.85 -37.15	79.82 2.38 -55.16	45.14 2.86 -19.97	22.18 2.77 -0.19	24.48 3.04 -1.07	25.88 3.24 -0.03	25.86 3.08 -0.07	42.14 2.78 -19.41	20.57 2.31 -0.77	19.50 2.24 0.00
SOUTHOLD___IC 23719	18.40 1.95 0.00	19.25 1.90 0.00	19.57 1.82 0.00	19.26 1.86 0.00	17.51 1.83 -0.04	20.70 2.21 0.00	19.82 2.17 0.00	21.52 2.49 0.00	22.32 2.71 0.00	24.52 2.98 -1.70	30.28 3.08 -6.52	29.34 3.05 -5.49	43.57 2.97 -20.18	32.10 3.04 -8.28	59.72 2.85 -37.13	79.80 2.38 -55.14	45.12 2.86 -19.96	22.18 2.77 -0.18	24.47 3.04 -1.06	25.85 3.24 0.00	25.79 3.08 0.00	42.12 2.78 -19.38	20.51 2.30 -0.70	19.50 2.24 0.00

SPIERFLS_115KV_TB 1 80737	17.53 0.93 -0.15	18.37 0.91 -0.11	18.88 0.93 -0.19	18.55 0.96 -0.19	16.75 0.90 -0.21	19.84 1.17 -0.18	18.84 1.09 -0.09	20.30 1.11 -0.16	20.91 1.19 -0.09	21.16 1.27 -0.05	22.03 1.32 -0.04	22.29 1.33 -0.16	21.81 1.31 -0.08	22.13 1.32 -0.03	21.91 1.31 -0.85	23.79 1.44 -0.06	23.70 1.38 -0.01	20.41 1.19 0.00	21.75 1.37 -0.01	24.09 1.46 -0.02	24.20 1.44 -0.05	21.21 1.25 -0.02	19.60 1.17 -0.94	18.39 1.13 0.00
ST LAWRENCE____ 23600	16.24 -0.22 0.00	17.12 -0.23 0.00	17.52 -0.23 0.00	17.13 -0.27 0.00	15.38 -0.27 0.00	18.15 -0.34 0.00	17.32 -0.34 0.00	18.66 -0.38 0.00	19.12 -0.48 0.02	19.31 -0.52 0.00	20.16 -0.52 0.00	20.26 -0.54 0.00	19.91 -0.51 0.00	20.28 -0.50 0.00	19.27 -0.48 0.00	21.73 -0.56 0.00	21.78 -0.53 0.00	18.71 -0.51 0.00	17.16 -0.55 2.66	22.10 -0.51 0.00	22.24 -0.47 0.00	19.56 -0.38 0.00	17.10 -0.40 0.00	16.89 -0.37 0.00
STATE_CA_115KV_115_LB 55624	17.17 0.56 -0.15	18.05 0.58 -0.12	18.51 0.55 -0.20	18.18 0.58 -0.20	16.43 0.58 -0.21	19.28 0.60 -0.18	18.34 0.59 -0.10	19.81 0.62 -0.16	20.44 0.73 -0.10	20.65 0.76 -0.05	21.54 0.83 -0.04	21.74 0.78 -0.16	21.30 0.79 -0.08	21.64 0.83 -0.03	21.35 0.78 -0.82	23.20 0.85 -0.06	23.12 0.80 -0.01	19.99 0.76 0.00	21.20 0.83 -0.01	23.46 0.82 -0.03	23.53 0.77 -0.05	20.65 0.69 -0.02	19.06 0.64 -0.92	17.86 0.60 0.00
STATE_ST_34_KV_LOAD 55959	17.09 0.22 -0.42	18.10 0.27 -0.49	19.16 0.17 -1.24	18.93 0.30 -1.23	16.96 0.25 -1.06	20.12 0.46 -1.17	18.60 0.33 -0.61	20.48 0.45 -0.99	20.75 0.53 -0.60	20.69 0.56 -0.29	21.40 0.50 -0.22	22.35 0.53 -1.02	21.41 0.51 -0.47	21.44 0.58 -0.08	20.41 0.47 -0.20	23.03 0.63 -0.12	23.08 0.70 -0.06	19.89 0.64 -0.03	20.95 0.57 -0.01	23.46 0.68 -0.16	23.71 0.68 -0.33	20.63 0.59 -0.10	18.42 0.50 -0.43	17.70 0.44 0.00
STATION 5_MISC_HYD 23604	16.35 -0.10 0.00	17.26 -0.09 0.00	17.62 -0.13 0.00	17.33 -0.07 0.00	15.59 -0.06 0.00	18.52 0.03 0.00	17.72 0.06 0.00	19.19 0.15 0.00	19.85 0.23 0.00	20.09 0.26 0.00	20.88 0.20 0.00	21.12 0.33 0.00	20.70 0.28 0.00	20.97 0.19 0.00	19.97 0.14 -0.09	22.53 0.24 0.00	22.66 0.35 0.00	19.57 0.34 0.00	20.59 0.23 0.00	22.77 0.16 0.00	22.83 0.12 0.00	20.03 0.09 0.00	17.61 0.02 -0.09	17.29 0.03 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	16.68 0.09 -0.14	17.53 0.10 -0.09	18.19 0.07 -0.37	17.90 0.13 -0.36	16.10 0.14 -0.32	19.09 0.25 -0.35	18.10 0.27 -0.18	19.68 0.35 -0.29	20.27 0.43 -0.22	20.43 0.45 -0.14	21.21 0.41 -0.12	21.64 0.49 -0.34	21.06 0.45 -0.18	21.25 0.40 -0.07	20.27 0.35 -0.17	22.84 0.46 -0.09	22.92 0.56 -0.05	19.76 0.51 -0.02	20.81 0.45 0.00	23.11 0.45 -0.05	23.22 0.42 -0.10	20.32 0.34 -0.03	17.94 0.24 -0.19	17.48 0.22 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	16.02 -0.12 0.31	16.81 -0.12 0.42	16.77 -0.16 0.82	16.50 -0.09 0.81	14.89 -0.07 0.69	17.75 0.03 0.76	17.30 0.06 0.41	18.51 0.13 0.66	19.54 0.20 0.27	20.03 0.24 0.04	20.88 0.19 -0.01	20.54 0.30 0.56	20.48 0.25 0.20	21.01 0.18 -0.06	20.05 0.13 -0.16	22.59 0.22 -0.08	22.70 0.34 -0.05	19.58 0.34 -0.02	20.56 0.22 0.02	22.66 0.15 0.11	22.62 0.12 0.21	19.97 0.09 0.06	17.40 0.02 0.12	17.29 0.03 0.00
STA_56____34_KV_BUS2 355983	16.02 -0.12 0.31	16.81 -0.12 0.42	16.77 -0.16 0.82	16.50 -0.09 0.81	14.89 -0.07 0.69	17.75 0.03 0.76	17.30 0.06 0.41	18.51 0.13 0.66	19.54 0.20 0.27	20.03 0.24 0.04	20.88 0.19 -0.01	20.54 0.30 0.56	20.48 0.25 0.20	21.01 0.18 -0.06	20.05 0.13 -0.16	22.59 0.22 -0.08	22.70 0.34 -0.05	19.58 0.34 -0.02	20.56 0.22 0.02	22.66 0.15 0.11	22.62 0.12 0.21	19.97 0.09 0.06	17.40 0.02 0.12	17.29 0.03 0.00
STA_67____115KV_BK2 355882	15.88 -0.17 0.40	16.66 -0.16 0.52	16.48 -0.20 1.07	16.21 -0.13 1.06	14.64 -0.10 0.90	17.47 -0.02 1.00	17.14 0.01 0.53	18.27 0.10 0.86	19.40 0.15 0.37	19.94 0.19 0.08	20.80 0.13 0.01	20.30 0.25 0.75	20.36 0.20 0.28	20.95 0.12 -0.05	19.99 0.08 -0.17	22.53 0.16 -0.08	22.64 0.28 -0.05	19.54 0.30 -0.02	20.50 0.16 0.03	22.56 0.09 0.14	22.48 0.05 0.28	19.90 0.04 0.08	17.28 -0.04 0.18	17.24 -0.02 0.00
STA_7____115KV_9TRANS 80674	16.02 -0.04 0.39	16.81 -0.03 0.50	16.64 -0.07 1.04	16.38 0.00 1.03	14.79 0.01 0.88	17.66 0.14 0.97	17.30 0.16 0.51	18.47 0.27 0.83	19.59 0.34 0.36	20.13 0.38 0.07	21.01 0.34 0.01	20.53 0.46 0.73	20.56 0.40 0.27	21.15 0.32 -0.05	20.17 0.26 -0.17	22.73 0.37 -0.08	22.86 0.50 -0.05	19.73 0.49 -0.02	20.70 0.37 0.03	22.79 0.31 0.13	22.72 0.28 0.27	20.09 0.23 0.08	17.45 0.13 0.17	17.39 0.13 0.00
STA_82____115KV_TB1 80780	15.96 -0.16 0.33	16.77 -0.15 0.42	16.68 -0.19 0.88	16.41 -0.12 0.87	14.81 -0.09 0.74	17.67 0.00 0.82	17.25 0.03 0.43	18.45 0.11 0.70	19.49 0.17 0.29	19.99 0.21 0.05	20.84 0.15 0.00	20.46 0.27 0.60	20.43 0.22 0.21	20.97 0.14 -0.06	20.01 0.10 -0.17	22.56 0.19 -0.08	22.67 0.31 -0.05	19.56 0.32 -0.02	20.53 0.18 0.02	22.61 0.11 0.11	22.56 0.08 0.23	19.93 0.05 0.07	17.35 -0.02 0.13	17.26 -0.01 0.00
STEEL____WIND 323596	8.01 -0.32 8.13	7.69 -0.29 9.36	7.78 -0.33 9.64	7.63 -0.22 9.55	7.29 -0.19 8.17	9.28 -0.14 9.07	12.80 -0.10 4.76	11.34 0.00 7.69	15.74 0.08 3.95	18.42 0.02 1.43	19.81 -0.05 0.83	13.65 0.14 7.30	17.42 0.09 3.10	19.69 -0.03 1.06	19.81 -0.05 -0.12	22.31 0.02 -0.01	22.47 0.16 0.00	19.38 0.16 0.00	20.17 -0.03 0.17	21.24 -0.12 1.25	20.02 -0.17 2.52	19.02 -0.18 0.75	14.88 -0.24 2.38	17.04 -0.23 0.00
STEPHTWN_115KV_BK_2 55603	17.30 0.69 -0.15	18.17 0.70 -0.12	18.60 0.65 -0.20	18.25 0.65 -0.20	16.54 0.68 -0.21	19.41 0.73 -0.19	18.50 0.74 -0.10	19.99 0.79 -0.16	20.63 0.92 -0.10	20.87 0.99 -0.05	21.73 1.01 -0.04	21.90 0.93 -0.17	21.47 0.97 -0.08	21.80 0.99 -0.03	21.52 0.96 -0.81	23.40 1.05 -0.06	23.28 0.96 -0.01	20.14 0.92 0.00	21.40 1.03 -0.01	23.63 1.00 -0.03	23.71 0.95 -0.05	20.83 0.87 -0.02	19.16 0.77 -0.90	17.96 0.70 0.00
STEBEN_REC_LFGE 323667	22.95 -0.51 -7.01	24.82 -0.56 -8.03	37.55 -0.51 -20.31	37.30 -0.22 -20.12	32.65 -0.22 -17.22	37.55 -0.05 -19.10	27.60 -0.08 -10.03	35.31 0.08 -16.19	28.14 0.14 -8.39	22.89 -0.03 -3.08	22.40 -0.10 -1.82	36.32 0.10 -15.42	26.96 0.15 -6.38	21.13 0.18 -0.18	20.36 0.39 -0.23	22.88 0.51 -0.09	22.98 0.62 -0.05	19.80 0.56 -0.02	21.23 0.52 -0.35	25.83 0.59 -2.64	28.56 0.53 -5.33	22.08 0.55 -1.59	23.34 0.36 -5.48	17.47 0.20 0.00
STONY____BROOK 24151	18.15 1.70 0.00	18.99 1.65 0.00	19.31 1.56 0.00	18.99 1.59 0.00	17.23 1.55 -0.04	20.36 1.87 0.00	19.48 1.82 0.00	21.12 2.08 0.00	21.92 2.30 0.00	24.06 2.52 -1.70	29.77 2.57 -6.52	28.83 2.54 -5.49	43.11 2.50 -20.18	31.60 2.55 -8.28	59.29 2.41 -37.13	80.02 2.60 -55.14	44.87 2.61 -19.96	21.68 2.27 -0.18	23.92 2.50 -1.06	25.25 2.64 0.00	25.23 2.52 0.00	41.64 2.31 -19.38	20.13 1.93 -0.70	19.17 1.91 0.00

STURGEON_POOL_HYD 23609	17.84 1.30 -0.08	18.75 1.32 -0.09	19.32 1.33 -0.25	18.95 1.31 -0.25	17.09 1.20 -0.25	20.10 1.37 -0.23	19.11 1.33 -0.12	20.72 1.49 -0.20	21.41 1.67 -0.12	21.65 1.75 -0.06	22.56 1.84 -0.04	22.83 1.83 -0.21	22.33 1.81 -0.09	22.65 1.86 -0.02	22.21 1.76 -0.70	24.30 1.96 -0.06	24.22 1.89 -0.02	20.84 1.61 0.00	22.14 1.76 -0.01	24.58 1.94 -0.03	24.68 1.91 -0.06	21.58 1.62 -0.02	19.69 1.40 -0.80	18.59 1.33 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	17.77 1.22 -0.09	18.68 1.24 -0.10	19.27 1.25 -0.27	18.91 1.24 -0.27	17.06 1.15 -0.26	20.08 1.33 -0.26	19.06 1.28 -0.13	20.67 1.41 -0.21	21.33 1.58 -0.13	21.54 1.65 -0.06	22.44 1.72 -0.05	22.72 1.70 -0.22	22.22 1.69 -0.10	22.52 1.73 -0.02	22.04 1.63 -0.65	24.16 1.81 -0.06	24.08 1.75 -0.02	20.73 1.50 0.00	22.04 1.67 -0.01	24.46 1.82 -0.04	24.57 1.80 -0.07	21.49 1.52 -0.02	19.58 1.33 -0.75	18.55 1.29 0.00
SWANROAD_115KV_TB1 355699	13.20 -0.77 2.49	13.81 -0.77 2.76	9.58 -0.82 7.35	9.41 -0.71 7.29	8.81 -0.60 6.23	10.96 -0.62 6.91	13.44 -0.58 3.63	12.65 -0.52 5.87	16.14 -0.53 2.95	18.12 -0.70 1.02	19.35 -0.77 0.55	14.89 -0.40 5.51	17.74 -0.46 2.23	20.20 -0.59 -0.02	19.30 -0.63 -0.18	21.66 -0.71 -0.08	21.82 -0.54 -0.05	18.82 -0.43 -0.02	19.52 -0.71 0.13	20.74 -0.92 0.95	19.84 -0.94 1.93	18.48 -0.89 0.58	14.85 -0.85 1.79	16.49 -0.77 0.00
SYNERGY___BIOGAS 323694	13.00 0.10 3.55	13.38 0.13 4.09	13.62 0.08 4.21	13.38 0.15 4.17	12.22 0.14 3.57	14.81 0.28 3.97	15.89 0.31 2.08	16.14 0.47 3.36	18.47 0.58 1.73	19.70 0.49 0.63	20.76 0.44 0.36	18.27 0.66 3.19	19.62 0.55 1.36	20.63 0.32 0.46	20.10 0.26 -0.10	22.64 0.35 -0.01	22.90 0.59 0.00	19.82 0.59 0.00	20.75 0.46 0.07	22.48 0.42 0.55	22.01 0.40 1.10	19.91 0.29 0.33	16.67 0.16 0.99	17.43 0.17 0.00
SYRACUSE___ENERGY_ST1 323597	16.43 -0.02 0.00	17.33 -0.02 0.00	17.70 -0.05 0.00	17.39 -0.02 0.00	15.64 -0.01 0.00	18.51 0.03 0.00	17.68 0.03 0.00	19.07 0.04 0.00	19.70 0.08 0.00	19.92 0.08 0.00	20.74 0.06 0.00	20.89 0.09 0.00	20.51 0.08 0.00	20.86 0.08 0.00	19.88 0.06 -0.07	22.38 0.09 0.00	22.43 0.12 0.00	19.35 0.13 0.00	20.48 0.11 0.00	22.73 0.12 0.00	22.81 0.10 0.00	20.02 0.07 0.00	17.65 0.07 -0.08	17.30 0.04 0.00
SYRACUSE___ENERGY_ST2 323598	16.43 -0.02 0.00	17.33 -0.02 0.00	17.70 -0.05 0.00	17.39 -0.02 0.00	15.64 -0.01 0.00	18.51 0.03 0.00	17.68 0.03 0.00	19.07 0.04 0.00	19.70 0.08 0.00	19.92 0.08 0.00	20.74 0.06 0.00	20.89 0.09 0.00	20.51 0.08 0.00	20.86 0.08 0.00	19.88 0.06 -0.07	22.38 0.09 0.00	22.43 0.12 0.00	19.35 0.13 0.00	20.48 0.11 0.00	22.73 0.12 0.00	22.81 0.10 0.00	20.02 0.07 0.00	17.65 0.07 -0.08	17.30 0.04 0.00
SYRACUSE___POWER 24017	16.56 0.01 -0.10	17.47 0.01 -0.11	18.07 -0.01 -0.32	17.74 0.02 -0.32	15.95 0.03 -0.28	18.85 0.06 -0.30	17.88 0.07 -0.16	19.37 0.08 -0.26	19.97 0.11 -0.24	20.14 0.12 -0.18	20.95 0.10 -0.17	21.27 0.13 -0.35	20.75 0.12 -0.20	20.98 0.11 -0.09	20.06 0.10 -0.21	22.56 0.13 -0.14	22.55 0.16 -0.08	19.42 0.16 -0.03	20.51 0.16 0.01	22.81 0.16 -0.04	22.94 0.15 -0.09	20.08 0.11 -0.03	17.77 0.11 -0.17	17.33 0.07 0.00
TALLMAN__138KV_BK151 55660	17.88 1.34 -0.09	18.79 1.35 -0.10	19.38 1.36 -0.27	19.03 1.36 -0.26	17.16 1.26 -0.26	20.20 1.46 -0.25	19.18 1.40 -0.13	20.82 1.57 -0.21	21.48 1.73 -0.13	21.72 1.82 -0.06	22.63 1.90 -0.05	22.90 1.89 -0.22	22.39 1.87 -0.10	22.71 1.92 -0.02	22.22 1.80 -0.66	24.35 2.01 -0.05	24.27 1.94 -0.02	20.89 1.66 0.00	22.21 1.84 -0.01	24.65 2.01 -0.03	24.77 1.99 -0.07	21.66 1.69 -0.02	19.73 1.47 -0.76	18.68 1.42 0.00
TEALLAVE_115KV_TB7 355573	16.44 -0.07 -0.06	17.31 -0.07 -0.03	17.79 -0.09 -0.14	17.47 -0.07 -0.13	15.71 -0.05 -0.12	18.58 -0.04 -0.13	17.70 -0.02 -0.07	19.12 -0.02 -0.11	19.81 0.01 -0.18	20.03 0.02 -0.17	20.85 0.00 -0.17	21.04 0.02 -0.22	20.61 0.02 -0.15	20.89 0.01 -0.11	19.97 0.00 -0.22	22.46 0.02 -0.16	22.44 0.04 -0.09	19.33 0.07 -0.04	20.40 0.05 0.02	22.66 0.03 -0.02	22.75 0.01 -0.04	19.95 -0.01 -0.01	17.61 0.01 -0.11	17.24 -0.02 0.00
TELGRAPH_34_KV_EAST 80808	14.02 -0.39 2.04	14.71 -0.38 2.25	11.31 -0.43 6.02	11.12 -0.32 5.96	10.29 -0.26 5.09	12.63 -0.21 5.65	14.52 -0.17 2.97	14.17 -0.07 4.79	17.18 -0.03 2.41	18.87 -0.15 0.82	20.04 -0.20 0.44	16.39 0.09 4.49	18.62 0.00 1.81	20.66 -0.14 -0.02	19.75 -0.17 -0.18	22.20 -0.17 -0.08	22.37 0.01 -0.05	19.31 0.06 -0.02	20.08 -0.17 0.11	21.52 -0.31 0.78	20.80 -0.34 1.58	19.13 -0.34 0.47	15.66 -0.39 1.45	16.92 -0.34 0.00
TEMPLE___115KV_TB 2 55572	16.45 -0.06 -0.06	17.32 -0.06 -0.04	17.81 -0.08 -0.14	17.49 -0.05 -0.14	15.73 -0.04 -0.12	18.60 -0.03 -0.13	17.72 -0.01 -0.07	19.14 0.00 -0.11	19.83 0.03 -0.18	20.05 0.04 -0.17	20.86 0.02 -0.16	21.06 0.05 -0.22	20.62 0.04 -0.15	20.91 0.03 -0.11	19.98 0.03 -0.21	22.48 0.04 -0.15	22.47 0.07 -0.09	19.35 0.09 -0.04	20.42 0.07 0.02	22.68 0.06 -0.02	22.78 0.03 -0.04	19.97 0.01 -0.01	17.63 0.02 -0.11	17.25 -0.01 0.00
TIANA____69_KV_BK 1 55817	18.25 1.71 -0.09	19.10 1.66 -0.10	19.57 1.56 -0.26	19.25 1.59 -0.26	17.49 1.59 -0.26	20.64 1.91 -0.25	19.66 1.88 -0.13	21.38 2.13 -0.21	22.10 2.35 -0.12	24.16 2.56 -1.76	29.88 2.63 -6.57	29.10 2.60 -5.71	43.24 2.54 -20.27	31.66 2.59 -8.30	59.34 2.44 -37.15	79.93 2.49 -55.16	44.89 2.61 -19.97	21.74 2.33 -0.19	24.01 2.58 -1.07	25.37 2.72 -0.03	25.36 2.59 -0.07	41.70 2.35 -19.41	20.22 1.96 -0.77	19.17 1.91 0.00
TILDEN___115KV_TB1 80814	16.56 0.01 -0.10	17.47 0.01 -0.11	18.07 -0.01 -0.32	17.74 0.02 -0.32	15.95 0.03 -0.28	18.85 0.06 -0.30	17.88 0.07 -0.16	19.37 0.08 -0.26	19.97 0.11 -0.24	20.14 0.12 -0.18	20.95 0.10 -0.17	21.27 0.13 -0.35	20.75 0.12 -0.20	20.98 0.11 -0.09	20.06 0.10 -0.21	22.56 0.13 -0.14	22.55 0.16 -0.08	19.42 0.16 -0.03	20.51 0.16 0.01	22.81 0.16 -0.04	22.94 0.15 -0.09	20.08 0.11 -0.03	17.77 0.11 -0.17	17.33 0.07 0.00
TRIGEN___CC 323695	18.18 1.64 -0.09	19.06 1.62 -0.10	19.57 1.56 -0.26	19.22 1.57 -0.26	17.38 1.48 -0.26	20.50 1.76 -0.25	19.48 1.69 -0.13	21.15 1.91 -0.21	21.90 2.15 -0.12	23.90 2.30 -1.76	29.67 2.42 -6.57	28.92 2.42 -5.71	43.09 2.39 -20.27	31.51 2.43 -8.30	59.20 2.30 -37.15	79.96 2.52 -55.16	44.74 2.47 -19.97	21.52 2.11 -0.19	23.74 2.30 -1.07	25.11 2.46 -0.03	25.16 2.38 -0.07	41.49 2.14 -19.41	20.07 1.81 -0.77	19.04 1.78 0.00
TRINITY__115KV__ 4 BK 55933	17.13 0.52 -0.15	18.01 0.54 -0.12	18.48 0.53 -0.20	18.15 0.55 -0.20	16.40 0.54 -0.21	19.25 0.57 -0.19	18.31 0.55 -0.10	19.77 0.57 -0.16	20.39 0.68 -0.10	20.60 0.71 -0.05	21.49 0.77 -0.04	21.69 0.72 -0.16	21.25 0.74 -0.08	21.58 0.77 -0.03	21.29 0.73 -0.81	23.14 0.80 -0.06	23.06 0.74 -0.01	19.93 0.70 0.00	21.14 0.77 -0.01	23.39 0.75 -0.03	23.46 0.70 -0.05	20.60 0.64 -0.02	19.00 0.60 -0.91	17.83 0.57 0.00

UNION___PROCESSING_DRP 323587	15.95 -0.16 0.35	16.75 -0.15 0.45	16.62 -0.19 0.94	16.36 -0.12 0.93	14.77 -0.09 0.79	17.62 0.01 0.88	17.22 0.03 0.46	18.41 0.12 0.75	19.48 0.18 0.32	19.99 0.22 0.06	20.85 0.17 0.00	20.43 0.28 0.65	20.43 0.23 0.23	20.98 0.15 -0.06	20.02 0.11 -0.17	22.56 0.19 -0.08	22.68 0.32 -0.05	19.57 0.33 -0.02	20.53 0.19 0.03	22.61 0.12 0.12	22.55 0.09 0.25	19.93 0.06 0.07	17.34 -0.01 0.14	17.26 0.00 0.00
UPPER HUDSON___HYD 24058	17.38 0.93 0.00	18.24 0.89 0.00	18.68 0.93 0.00	18.35 0.95 0.00	16.59 0.90 -0.05	19.66 1.17 0.00	18.74 1.09 0.00	20.15 1.11 0.00	20.80 1.18 0.00	21.11 1.27 0.00	22.00 1.32 0.00	22.13 1.34 0.00	21.73 1.30 0.00	22.10 1.32 0.00	21.89 1.31 -0.83	23.77 1.44 -0.04	23.68 1.38 0.00	20.41 1.19 0.00	21.74 1.38 0.00	24.07 1.46 0.00	24.15 1.44 0.00	21.20 1.25 0.00	19.55 1.17 -0.89	18.39 1.13 0.00
UPPER RAQUET___HYD 24056	15.93 -0.52 0.00	16.80 -0.54 0.00	17.18 -0.57 0.00	16.74 -0.66 0.00	14.99 -0.65 0.00	17.64 -0.85 0.00	16.84 -0.81 0.00	18.13 -0.91 0.00	24.15 -1.11 -5.64	25.54 -1.12 -6.82	26.60 -1.04 -6.96	24.95 -1.08 -5.23	24.56 -1.06 -5.18	26.73 -1.04 -6.99	25.58 -0.99 -6.82	28.36 -1.17 -7.24	27.83 -1.15 -6.67	19.88 -1.03 -1.68	17.08 -1.06 2.22	21.56 -1.05 0.00	21.73 -0.98 0.00	19.10 -0.85 0.00	16.65 -0.85 0.00	16.40 -0.86 0.00
VALLEY44_115KV_TB2 355964	15.50 0.43 1.38	16.29 0.53 1.58	14.41 0.54 3.88	14.25 0.69 3.84	13.00 0.64 3.28	15.68 0.82 3.63	16.49 0.75 1.92	16.82 0.88 3.09	19.02 0.93 1.53	20.28 0.95 0.50	21.35 0.93 0.26	18.98 1.06 2.88	20.32 1.04 1.15	21.73 0.93 -0.02	20.81 0.86 -0.20	23.36 1.00 -0.08	23.42 1.06 -0.05	20.15 0.91 -0.02	21.10 0.81 0.07	22.98 0.87 0.50	22.52 0.83 1.02	20.33 0.69 0.30	17.29 0.66 0.86	17.87 0.61 0.00
VALLEY___115KV_TB 1-4 80826	16.29 -0.17 -0.01	17.12 -0.22 0.00	17.52 -0.25 -0.03	17.20 -0.23 -0.03	15.49 -0.18 -0.02	18.26 -0.26 -0.03	17.46 -0.21 -0.01	18.76 -0.30 -0.02	19.53 -0.20 -0.11	19.80 -0.17 -0.13	20.64 -0.16 -0.13	20.69 -0.22 -0.11	20.28 -0.24 -0.10	20.65 -0.20 -0.08	19.72 -0.15 -0.13	22.21 -0.21 -0.13	22.11 -0.26 -0.06	19.09 -0.16 -0.03	20.37 -0.11 -0.11	22.45 -0.16 0.00	22.52 -0.19 -0.01	19.82 -0.13 0.00	17.45 -0.07 -0.02	17.08 -0.18 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	17.86 1.19 -0.21	18.86 1.29 -0.23	19.66 1.28 -0.63	19.34 1.31 -0.62	17.36 1.16 -0.55	20.54 1.46 -0.59	19.35 1.38 -0.31	21.20 1.66 -0.50	21.69 1.78 -0.29	21.81 1.84 -0.13	22.68 1.91 -0.10	23.21 1.90 -0.51	22.50 1.85 -0.22	22.70 1.89 -0.03	21.86 1.78 -0.34	24.33 1.99 -0.06	24.33 2.00 -0.03	20.96 1.73 -0.01	22.23 1.85 -0.01	24.74 2.05 -0.08	24.86 1.99 -0.16	21.69 1.69 -0.05	19.44 1.47 -0.48	18.61 1.35 0.00
VISCHER___FERRY HYD 24020	17.24 0.79 0.00	18.12 0.78 0.00	18.56 0.81 0.00	18.21 0.80 0.00	16.46 0.77 -0.04	19.39 0.90 0.00	18.50 0.84 0.00	19.91 0.87 0.00	20.60 0.98 0.00	20.85 1.02 0.00	21.72 1.04 0.00	21.82 1.02 0.00	21.44 1.01 0.00	21.81 1.03 0.00	21.57 1.01 -0.81	23.44 1.11 -0.04	23.36 1.05 0.00	20.14 0.91 0.00	21.40 1.03 0.00	23.68 1.06 0.00	23.75 1.05 0.00	20.85 0.90 0.00	19.22 0.85 -0.87	18.09 0.83 0.00
V_A_10_SYNC_DSASP 323832	14.25 -0.58 1.62	14.90 -0.58 1.86	12.43 -0.63 4.69	12.22 -0.53 4.65	11.22 -0.45 3.97	13.65 -0.43 4.41	14.95 -0.39 2.32	14.94 -0.35 3.74	17.44 -0.32 1.86	18.90 -0.32 0.62	19.97 -0.39 0.33	17.07 -0.23 3.50	18.76 -0.27 1.41	20.45 -0.35 -0.03	19.55 -0.37 -0.17	22.01 -0.36 -0.08	22.12 -0.23 -0.05	19.07 -0.17 -0.02	19.88 -0.40 0.09	21.43 -0.57 0.61	20.86 -0.62 1.23	19.03 -0.55 0.37	15.83 -0.55 1.11	16.78 -0.49 0.00
V_CMM_10_SYNC_DSASP 323787	16.31 -0.15 0.00	17.19 -0.15 0.00	17.60 -0.15 0.00	17.21 -0.19 0.00	15.45 -0.20 0.00	18.23 -0.26 0.00	17.39 -0.27 0.00	18.74 -0.29 0.00	19.21 -0.39 0.02	19.40 -0.44 0.00	20.25 -0.43 0.00	20.35 -0.44 0.00	20.00 -0.43 0.00	20.36 -0.41 0.00	19.35 -0.39 0.00	21.83 -0.46 0.00	21.88 -0.43 0.00	18.80 -0.43 0.00	17.25 -0.46 2.66	22.20 -0.41 0.00	22.34 -0.37 0.00	19.64 -0.30 0.00	17.17 -0.32 0.00	16.96 -0.30 0.00
V_CMP_10_SYNC_DSASP 323788	16.60 0.15 0.00	17.50 0.16 0.00	17.86 0.11 0.00	17.40 0.00 0.00	15.37 -0.27 0.00	17.93 -0.57 0.00	17.07 -0.59 0.00	18.36 -0.68 0.00	-14.62 -0.97 33.27	-21.19 -0.93 40.10	-21.20 -0.95 40.93	-10.88 -0.95 30.72	-10.95 -0.92 30.46	-21.22 -0.90 41.10	-21.16 -0.81 40.10	-21.27 -0.99 42.56	-17.88 -1.00 39.19	8.52 -0.82 9.89	17.08 -0.66 2.63	21.97 -0.64 0.00	22.28 -0.42 0.00	19.67 -0.28 0.00	17.00 -0.50 0.00	16.42 -0.84 0.00
V_E_10_SYNC_DSASP 323830	18.98 1.15 -1.37	20.15 1.22 -1.58	20.48 1.09 -1.63	20.08 1.06 -1.62	17.99 0.95 -1.39	21.28 1.25 -1.54	19.63 1.17 -0.81	21.78 1.45 -1.30	21.89 1.61 -0.67	21.57 1.49 -0.24	22.31 1.49 -0.14	23.52 1.49 -1.24	22.41 1.46 -0.53	22.44 1.48 -0.18	21.51 1.55 -0.21	24.04 1.75 -0.01	24.14 1.82 0.00	20.83 1.61 0.00	22.16 1.77 -0.03	24.89 2.07 -0.21	25.18 2.04 -0.43	21.82 1.74 -0.13	19.65 1.50 -0.65	18.61 1.35 0.00
V_F_30_NSYNC___DSASP 323816	17.41 0.96 0.00	18.30 0.95 0.00	18.73 0.98 0.00	18.39 0.99 0.00	16.62 0.93 -0.05	19.62 1.13 0.00	18.73 1.07 0.00	20.18 1.14 0.00	20.86 1.24 0.00	21.14 1.30 0.00	22.01 1.33 0.00	22.12 1.32 0.00	21.73 1.30 0.00	22.10 1.32 0.00	21.87 1.29 -0.83	23.77 1.44 -0.04	23.69 1.38 0.00	20.42 1.20 0.00	21.72 1.35 0.00	24.04 1.43 0.00	24.11 1.40 0.00	21.15 1.21 0.00	19.49 1.10 -0.89	18.33 1.07 0.00
V_F_30_SYNC_DSASP 323786	17.17 0.56 -0.15	18.05 0.58 -0.12	18.51 0.55 -0.20	18.18 0.58 -0.20	16.43 0.58 -0.21	19.27 0.60 -0.18	18.34 0.59 -0.10	19.80 0.61 -0.16	20.44 0.73 -0.10	20.65 0.76 -0.05	21.54 0.83 -0.04	21.74 0.78 -0.16	21.30 0.79 -0.08	21.64 0.83 -0.03	21.35 0.78 -0.82	23.20 0.85 -0.06	23.12 0.79 -0.01	19.99 0.76 0.00	21.20 0.83 -0.01	23.46 0.82 -0.03	23.52 0.77 -0.05	20.65 0.69 -0.02	19.05 0.64 -0.92	17.86 0.60 0.00
V_XM_10_SYNC_DSASP 323789	16.60 0.15 0.00	17.50 0.16 0.00	17.86 0.11 0.00	17.40 0.00 0.00	15.37 -0.27 0.00	17.93 -0.57 0.00	17.07 -0.59 0.00	18.36 -0.68 0.00	-14.62 -0.97 33.27	-21.19 -0.93 40.10	-21.20 -0.95 40.93	-10.88 -0.95 30.72	-10.95 -0.92 30.46	-21.22 -0.90 41.10	-21.16 -0.81 40.10	-21.27 -0.99 42.56	-17.88 -1.00 39.19	8.52 -0.82 9.89	17.08 -0.66 2.63	21.97 -0.64 0.00	22.28 -0.42 0.00	19.67 -0.28 0.00	17.00 -0.50 0.00	16.42 -0.84 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	17.93 1.39 -0.09	18.85 1.41 -0.10	19.44 1.42 -0.27	19.08 1.42 -0.26	17.21 1.31 -0.26	20.26 1.52 -0.25	19.24 1.45 -0.13	20.88 1.64 -0.21	21.55 1.80 -0.13	21.79 1.89 -0.06	22.71 1.98 -0.05	22.98 1.97 -0.22	22.47 1.95 -0.10	22.79 2.00 -0.02	22.29 1.88 -0.66	24.44 2.10 -0.05	24.35 2.02 -0.02	20.97 1.74 0.00	22.29 1.91 -0.01	24.74 2.10 -0.03	24.85 2.07 -0.07	21.73 1.76 -0.02	19.79 1.53 -0.76	18.74 1.48 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.08 1.54 -0.09	19.01 1.57 -0.10	19.58 1.57 -0.26	19.22 1.56 -0.26	17.34 1.44 -0.26	20.41 1.67 -0.25	19.38 1.60 -0.13	21.04 1.79 -0.21	21.73 1.99 -0.12	21.99 2.09 -0.06	22.91 2.19 -0.04	23.18 2.17 -0.21	22.68 2.15 -0.10	23.01 2.22 -0.02	22.54 2.11 -0.67	24.70 2.36 -0.06	24.56 2.24 -0.02	21.14 1.91 0.00	22.45 2.08 -0.01	24.89 2.25 -0.03	24.99 2.22 -0.07	21.90 1.93 -0.02	19.95 1.69 -0.77	18.89 1.63 0.00
W50THST__13_KV_LOAD 356117	18.18 1.64 -0.09	19.10 1.66 -0.10	19.68 1.67 -0.26	19.31 1.66 -0.26	17.42 1.52 -0.26	20.51 1.77 -0.25	19.48 1.69 -0.13	21.15 1.91 -0.21	21.86 2.12 -0.12	22.13 2.23 -0.06	23.05 2.33 -0.04	23.32 2.31 -0.21	22.82 2.30 -0.10	23.15 2.36 -0.02	22.67 2.25 -0.67	24.84 2.50 -0.06	24.71 2.38 -0.02	21.26 2.04 0.00	22.59 2.21 -0.01	25.04 2.39 -0.03	25.13 2.36 -0.07	22.02 2.05 -0.02	20.05 1.79 -0.77	19.00 1.73 0.00
WADING RIVER_IC_1 23522	17.88 1.43 0.00	18.70 1.36 0.00	19.02 1.27 0.00	18.70 1.30 0.00	17.05 1.37 -0.04	20.10 1.61 0.00	19.25 1.60 0.00	20.83 1.79 0.00	21.56 1.94 0.00	23.68 2.14 -1.70	29.38 2.18 -6.52	28.42 2.14 -5.49	42.70 2.09 -20.18	31.19 2.14 -8.28	58.90 2.02 -37.13	79.53 2.11 -55.14	44.41 2.15 -19.96	21.31 1.91 -0.18	23.54 2.12 -1.06	24.82 2.21 0.00	24.80 2.09 0.00	41.26 1.92 -19.38	19.80 1.60 -0.70	18.83 1.57 0.00
WADING RIVER_IC_2 23547	17.88 1.43 0.00	18.70 1.36 0.00	19.02 1.27 0.00	18.70 1.30 0.00	17.05 1.37 -0.04	20.10 1.61 0.00	19.25 1.60 0.00	20.83 1.79 0.00	21.56 1.94 0.00	23.68 2.14 -1.70	29.38 2.18 -6.52	28.42 2.14 -5.49	42.70 2.09 -20.18	31.19 2.14 -8.28	58.90 2.02 -37.13	79.53 2.11 -55.14	44.41 2.15 -19.96	21.31 1.91 -0.18	23.54 2.12 -1.06	24.82 2.21 0.00	24.80 2.09 0.00	41.26 1.92 -19.38	19.80 1.60 -0.70	18.83 1.57 0.00
WADING RIVER_IC_3 23601	17.88 1.43 0.00	18.70 1.36 0.00	19.02 1.27 0.00	18.70 1.30 0.00	17.05 1.37 -0.04	20.10 1.61 0.00	19.25 1.60 0.00	20.83 1.79 0.00	21.56 1.94 0.00	23.68 2.14 -1.70	29.38 2.18 -6.52	28.42 2.14 -5.49	42.70 2.09 -20.18	31.19 2.14 -8.28	58.90 2.02 -37.13	79.53 2.11 -55.14	44.41 2.15 -19.96	21.31 1.91 -0.18	23.54 2.12 -1.06	24.82 2.21 0.00	24.80 2.09 0.00	41.26 1.92 -19.38	19.80 1.60 -0.70	18.83 1.57 0.00
WALDENNY_12_KV_BK2 80841	12.88 -0.37 3.20	13.37 -0.36 3.62	7.98 -0.39 9.39	7.84 -0.26 9.30	7.49 -0.20 7.95	9.52 -0.15 8.82	12.91 -0.11 4.63	11.53 -0.02 7.49	15.85 0.02 3.79	18.49 -0.03 1.32	19.87 -0.08 0.73	13.89 0.14 7.05	17.65 0.09 2.87	20.75 -0.03 0.00	19.88 -0.06 -0.19	22.37 0.00 -0.08	22.52 0.16 -0.05	19.41 0.17 -0.02	20.15 -0.04 0.17	21.24 -0.16 1.21	20.05 -0.19 2.46	19.01 -0.21 0.73	14.91 -0.27 2.31	17.01 -0.25 0.00
WALDEN__HYDRO 24148	17.80 1.35 0.00	18.71 1.36 0.00	19.12 1.37 0.00	18.76 1.36 0.00	16.94 1.26 -0.04	19.96 1.47 0.00	19.07 1.42 0.00	20.63 1.60 0.00	21.38 1.76 0.00	21.70 1.86 0.00	22.63 1.95 0.00	22.73 1.93 0.00	22.32 1.90 0.00	22.73 1.96 0.00	22.24 1.85 -0.65	24.37 2.05 -0.03	24.31 2.00 0.00	20.95 1.72 0.00	22.27 1.90 0.00	24.69 2.09 0.00	24.77 2.06 0.00	21.70 1.75 0.00	19.71 1.51 -0.70	18.71 1.45 0.00
WARRENSBURG____ 23737	17.38 0.93 0.00	18.24 0.89 0.00	18.68 0.93 0.00	18.35 0.95 0.00	16.59 0.90 -0.05	19.66 1.17 0.00	18.74 1.09 0.00	20.15 1.11 0.00	20.80 1.18 0.00	21.11 1.27 0.00	22.00 1.32 0.00	22.13 1.34 0.00	21.73 1.30 0.00	22.10 1.32 0.00	21.89 1.31 -0.83	23.77 1.44 -0.04	23.68 1.38 0.00	20.41 1.19 0.00	21.74 1.38 0.00	24.07 1.46 0.00	24.15 1.44 0.00	21.20 1.25 0.00	19.55 1.17 -0.89	18.39 1.13 0.00
WATERSIDE____6 8 9 23538	18.12 1.58 -0.09	19.04 1.61 -0.10	19.63 1.62 -0.26	19.26 1.60 -0.26	17.37 1.47 -0.26	20.46 1.72 -0.25	19.43 1.64 -0.13	21.09 1.85 -0.21	21.79 2.05 -0.13	22.05 2.15 -0.06	22.97 2.25 -0.04	23.24 2.23 -0.21	22.74 2.22 -0.10	23.07 2.27 -0.02	22.58 2.16 -0.67	24.74 2.40 -0.06	24.63 2.31 -0.02	21.21 1.98 0.00	22.51 2.14 -0.01	24.96 2.32 -0.03	25.06 2.29 -0.07	21.95 1.98 -0.02	19.99 1.73 -0.77	18.92 1.66 0.00
WATKINRD_115KV_LN8_ILLION 55919	16.45 -0.01 -0.01	17.32 -0.03 0.00	17.73 -0.04 -0.03	17.40 -0.03 -0.03	15.67 0.00 -0.02	18.48 -0.03 -0.03	17.66 0.00 -0.01	19.01 -0.05 -0.02	19.77 0.04 -0.11	20.02 0.05 -0.13	20.88 0.06 -0.13	20.94 0.03 -0.11	20.53 0.00 -0.10	20.87 0.02 -0.08	19.93 0.05 -0.13	22.46 0.04 -0.13	22.38 0.00 -0.06	19.31 0.06 -0.03	20.58 0.10 -0.11	22.68 0.07 0.00	22.75 0.04 -0.01	19.99 0.04 0.00	17.58 0.06 -0.02	17.27 0.00 0.00
WATSON____69_KV_BK 1 55734	18.41 1.87 -0.09	19.27 1.83 -0.10	19.74 1.74 -0.26	19.40 1.75 -0.26	17.57 1.67 -0.26	20.74 2.01 -0.25	19.74 1.96 -0.13	21.46 2.22 -0.21	22.25 2.51 -0.12	24.30 2.70 -1.76	30.04 2.79 -6.57	29.26 2.76 -5.71	43.43 2.72 -20.27	31.84 2.77 -8.30	59.52 2.62 -37.15	80.29 2.85 -55.16	45.12 2.84 -19.97	21.84 2.43 -0.19	24.10 2.66 -1.07	25.47 2.83 -0.03	25.49 2.72 -0.07	41.85 2.50 -19.41	20.37 2.10 -0.77	19.31 2.05 0.00
WDELAWARE__HYD 323627	18.03 1.58 0.00	18.95 1.61 0.00	19.36 1.61 0.00	18.97 1.57 0.00	17.14 1.46 -0.03	20.14 1.65 0.00	19.29 1.63 0.00	20.78 1.75 0.00	21.62 2.00 0.00	21.87 2.04 0.00	22.82 2.14 0.00	22.92 2.13 0.00	22.49 2.07 0.00	22.90 2.12 0.00	22.42 2.04 -0.63	24.58 2.26 -0.03	24.52 2.21 0.00	21.12 1.90 0.00	22.45 2.08 0.00	24.90 2.29 0.00	24.96 2.26 0.00	21.87 1.92 0.00	19.82 1.64 -0.67	18.82 1.56 0.00
WEST BABYLON__IC 23714	18.38 1.84 -0.09	19.25 1.81 -0.10	19.73 1.72 -0.26	19.39 1.73 -0.26	17.55 1.65 -0.26	20.71 1.97 -0.25	19.70 1.91 -0.13	21.42 2.18 -0.21	22.21 2.47 -0.12	24.25 2.65 -1.76	29.99 2.74 -6.57	29.22 2.72 -5.71	43.39 2.69 -20.27	31.81 2.73 -8.30	59.49 2.59 -37.15	80.26 2.82 -55.16	45.08 2.80 -19.97	21.81 2.40 -0.19	24.06 2.62 -1.07	25.43 2.79 -0.03	25.45 2.68 -0.07	41.81 2.46 -19.41	20.33 2.06 -0.77	19.29 2.02 0.00
WEST CANADA__HYD 24049	16.48 0.03 0.00	17.36 0.02 0.00	17.77 0.02 0.00	17.42 0.02 0.00	15.66 0.02 0.00	18.51 0.02 0.00	17.68 0.02 0.00	19.05 0.02 0.00	19.66 0.04 0.00	19.88 0.04 0.00	20.72 0.04 0.00	20.84 0.04 0.00	20.47 0.04 0.00	20.82 0.04 0.00	19.80 0.04 -0.01	22.33 0.05 0.00	22.35 0.05 0.00	19.27 0.05 0.00	20.54 0.06 -0.11	22.65 0.05 0.00	22.75 0.05 0.00	19.99 0.04 0.00	17.56 0.05 -0.01	17.30 0.04 0.00
WESTERN_NY_WIND 24143	12.72 0.08 3.82	13.06 0.11 4.39	13.29 0.06 4.52	13.05 0.13 4.48	11.94 0.13 3.83	14.49 0.26 4.26	15.71 0.29 2.23	15.87 0.45 3.61	18.33 0.56 1.85	19.63 0.46 0.67	20.71 0.42 0.39	18.01 0.64 3.43	19.51 0.53 1.46	20.57 0.30 0.50	20.08 0.24 -0.10	22.62 0.33 -0.01	22.87 0.57 0.00	19.80 0.57 0.00	20.72 0.43 0.08	22.41 0.39 0.58	21.90 0.37 1.18	19.86 0.27 0.35	16.56 0.13 1.07	17.41 0.15 0.00

WESTOVER___LESR 323668	17.16 0.37 -0.34	18.11 0.41 -0.36	19.19 0.41 -1.03	18.89 0.47 -1.02	16.96 0.43 -0.88	19.99 0.54 -0.97	18.67 0.50 -0.51	20.44 0.58 -0.82	20.72 0.62 -0.47	20.70 0.65 -0.21	21.48 0.64 -0.15	22.31 0.68 -0.83	21.45 0.66 -0.36	21.49 0.66 -0.05	20.66 0.63 -0.28	23.07 0.71 -0.08	23.06 0.71 -0.05	19.87 0.63 -0.02	21.04 0.66 -0.01	23.48 0.73 -0.13	23.67 0.69 -0.27	20.62 0.59 -0.08	18.56 0.56 -0.50	17.73 0.47 0.00
WETHRSFD_WT_PWR 323626	-11.19 -0.64 27.00	-14.38 -0.64 31.09	-14.88 -0.61 32.03	-14.75 -0.42 31.73	-11.91 -0.41 27.15	-12.03 -0.39 30.13	1.48 -0.36 15.81	-6.80 -0.29 25.54	6.24 -0.25 13.13	14.77 -0.32 4.75	17.54 -0.39 2.75	-3.70 -0.26 24.24	9.86 -0.27 10.31	16.89 -0.36 3.53	19.66 -0.22 -0.13	22.18 -0.11 -0.01	22.25 -0.05 0.00	19.20 -0.03 0.00	19.69 -0.12 0.55	18.30 -0.16 4.14	14.13 -0.20 8.38	17.29 -0.15 2.51	9.09 -0.22 8.19	16.96 -0.30 0.00
WHAVSTOR_138KV_BK127 55557	17.87 1.33 -0.09	18.78 1.34 -0.10	19.37 1.35 -0.27	19.01 1.35 -0.26	17.15 1.25 -0.26	20.19 1.45 -0.25	19.17 1.38 -0.13	20.80 1.55 -0.21	21.46 1.72 -0.13	21.70 1.80 -0.06	22.61 1.88 -0.05	22.88 1.87 -0.22	22.38 1.85 -0.10	22.69 1.90 -0.02	22.20 1.79 -0.67	24.33 1.99 -0.05	24.25 1.93 -0.02	20.88 1.65 0.00	22.19 1.81 -0.01	24.63 1.99 -0.03	24.74 1.96 -0.07	21.64 1.67 -0.02	19.71 1.46 -0.76	18.67 1.41 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	17.87 1.33 -0.09	18.78 1.34 -0.10	19.37 1.35 -0.27	19.01 1.35 -0.26	17.15 1.25 -0.26	20.19 1.45 -0.25	19.17 1.38 -0.13	20.80 1.55 -0.21	21.46 1.72 -0.13	21.70 1.80 -0.06	22.61 1.88 -0.05	22.88 1.87 -0.22	22.38 1.85 -0.10	22.69 1.90 -0.02	22.20 1.79 -0.67	24.33 1.99 -0.05	24.25 1.93 -0.02	20.88 1.65 0.00	22.19 1.81 -0.01	24.63 1.99 -0.03	24.74 1.96 -0.07	21.64 1.67 -0.02	19.71 1.46 -0.76	18.67 1.41 0.00
WHITEHAL_115KV_TB1 80871	17.90 1.29 -0.15	18.67 1.21 -0.11	19.23 1.28 -0.19	18.99 1.39 -0.19	17.17 1.31 -0.21	20.52 1.85 -0.18	19.43 1.68 -0.09	20.86 1.67 -0.16	21.27 1.56 -0.09	21.56 1.67 -0.05	22.43 1.71 -0.04	22.82 1.87 -0.16	22.40 1.90 -0.08	22.69 1.88 -0.03	22.55 1.96 -0.85	24.46 2.12 -0.06	24.24 1.93 -0.01	20.85 1.62 0.00	22.37 2.00 -0.01	24.78 2.15 -0.02	24.88 2.12 -0.05	21.64 1.68 -0.02	20.21 1.77 -0.94	19.05 1.79 0.00
WHITEPLN_13_KV_LOAD 356215	18.10 1.56 -0.09	19.00 1.56 -0.10	19.58 1.58 -0.26	19.21 1.55 -0.26	17.34 1.44 -0.26	20.39 1.65 -0.25	19.38 1.60 -0.13	20.99 1.75 -0.21	21.71 1.97 -0.12	21.93 2.04 -0.06	22.86 2.13 -0.04	23.14 2.13 -0.21	22.63 2.11 -0.10	22.95 2.15 -0.02	22.46 2.04 -0.67	24.61 2.27 -0.06	24.52 2.19 -0.02	21.11 1.88 0.00	22.43 2.06 -0.01	24.87 2.23 -0.03	24.97 2.20 -0.07	21.87 1.90 -0.02	19.91 1.64 -0.77	18.85 1.59 0.00
WM_FLOYD_69_KV_BK2 356380	18.15 1.61 -0.09	18.99 1.55 -0.10	19.47 1.46 -0.26	19.13 1.47 -0.26	17.38 1.48 -0.26	20.48 1.74 -0.25	19.51 1.73 -0.13	21.18 1.94 -0.21	21.91 2.17 -0.12	23.95 2.34 -1.76	29.64 2.38 -6.57	28.85 2.35 -5.71	43.01 2.31 -20.27	31.43 2.35 -8.30	59.12 2.22 -37.15	79.80 2.36 -55.16	44.66 2.38 -19.97	21.51 2.09 -0.19	23.76 2.32 -1.07	25.08 2.44 -0.03	25.10 2.32 -0.07	41.48 2.13 -19.41	20.05 1.79 -0.77	19.02 1.76 0.00
WOODARD__115KV_TB2 355635	16.42 -0.11 -0.08	17.28 -0.11 -0.05	17.78 -0.13 -0.16	17.45 -0.11 -0.16	15.70 -0.09 -0.14	18.55 -0.09 -0.15	17.67 -0.07 -0.08	19.08 -0.08 -0.13	19.75 -0.05 -0.19	19.96 -0.04 -0.17	20.78 -0.06 -0.16	20.99 -0.04 -0.23	20.54 -0.04 -0.16	20.82 -0.05 -0.11	19.90 -0.06 -0.21	22.39 -0.05 -0.15	22.36 -0.03 -0.08	19.26 0.00 -0.04	20.32 -0.02 0.02	22.59 -0.04 -0.02	22.69 -0.06 -0.04	19.89 -0.07 -0.01	17.57 -0.05 -0.11	17.19 -0.07 0.00
YORK___WARBASSE 23770	18.16 1.62 -0.09	19.09 1.66 -0.10	19.67 1.66 -0.26	19.31 1.65 -0.26	17.42 1.52 -0.26	20.51 1.77 -0.25	19.48 1.69 -0.13	21.15 1.91 -0.21	21.84 2.09 -0.13	22.09 2.19 -0.06	23.02 2.30 -0.04	23.30 2.29 -0.21	22.79 2.27 -0.10	23.12 2.32 -0.02	22.63 2.20 -0.67	24.80 2.45 -0.06	24.70 2.37 -0.02	21.26 2.04 0.00	22.57 2.19 -0.01	25.02 2.38 -0.03	25.12 2.35 -0.07	22.00 2.03 -0.02	20.04 1.78 -0.77	18.99 1.73 0.00