

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/19/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	22.00	20.08	19.02	17.77	18.51	19.06	18.88	18.87	19.63	20.53	20.92	21.64	22.26	23.09	23.26	23.52	27.17	30.08	29.38	27.11	24.65	23.26	22.11	20.74
24138	1.35	1.00	0.88	0.86	0.83	1.13	1.25	1.35	1.39	1.51	1.57	1.61	1.79	1.81	1.80	1.98	2.03	2.13	2.24	2.01	1.95	1.87	1.78	1.46
	-0.80	-4.93	-6.55	-5.30	-5.96	-1.06	0.00	0.00	-0.84	-0.63	-0.72	-1.33	-0.80	-1.81	-1.71	-0.74	-4.16	-6.89	-3.60	-3.90	-1.30	-0.42	-0.57	-2.35
74TH STREET_GT_1	22.00	20.08	19.03	17.78	18.52	19.08	18.88	18.85	19.62	20.53	20.92	21.64	22.28	23.09	23.26	23.50	27.19	30.06	29.45	27.13	24.65	23.26	22.13	20.75
24260	1.35	1.00	0.89	0.87	0.84	1.15	1.25	1.33	1.37	1.51	1.57	1.61	1.81	1.81	1.80	1.96	2.06	2.11	2.31	2.03	1.95	1.87	1.80	1.47
	-0.80	-4.93	-6.55	-5.30	-5.96	-1.06	0.00	0.00	-0.84	-0.63	-0.72	-1.33	-0.80	-1.81	-1.71	-0.74	-4.16	-6.89	-3.60	-3.90	-1.30	-0.42	-0.57	-2.35
74TH STREET_GT_2	22.00	20.08	19.03	17.78	18.52	19.08	18.88	18.85	19.62	20.53	20.92	21.64	22.28	23.09	23.26	23.50	27.19	30.06	29.45	27.13	24.65	23.26	22.13	20.75
24261	1.35	1.00	0.89	0.87	0.84	1.15	1.25	1.33	1.37	1.51	1.57	1.61	1.81	1.81	1.80	1.96	2.06	2.11	2.31	2.03	1.95	1.87	1.80	1.47
	-0.80	-4.93	-6.55	-5.30	-5.96	-1.06	0.00	0.00	-0.84	-0.63	-0.72	-1.33	-0.80	-1.81	-1.71	-0.74	-4.16	-6.89	-3.60	-3.90	-1.30	-0.42	-0.57	-2.35
ADK HUDSON___FALLS	22.62	21.88	21.23	19.59	20.59	19.66	19.12	19.05	20.03	20.81	21.17	21.88	22.30	23.38	23.69	23.63	28.32	32.09	30.56	28.43	25.27	23.44	22.23	21.48
24011	1.71	1.16	0.92	0.92	0.94	1.38	1.50	1.52	1.51	1.58	1.58	1.42	1.57	1.52	1.68	1.85	1.85	1.92	2.26	2.08	2.14	1.91	1.72	1.44
	-1.06	-6.57	-8.73	-7.06	-7.94	-1.40	0.00	0.00	-1.11	-0.83	-0.95	-1.76	-1.06	-2.40	-2.27	-0.98	-5.50	-9.11	-4.76	-5.16	-1.72	-0.55	-0.76	-3.11
ADK RESOURCE___RCVRY	22.84	22.04	21.34	19.71	20.71	19.88	19.32	19.24	20.22	21.01	21.37	22.07	22.48	23.55	23.89	23.84	28.54	32.33	30.80	28.66	25.52	23.67	22.43	21.65
23798	1.93	1.32	1.02	1.03	1.05	1.60	1.69	1.72	1.71	1.78	1.79	1.61	1.75	1.69	1.88	2.06	2.06	2.15	2.49	2.31	2.40	2.14	1.92	1.61
	-1.06	-6.58	-8.73	-7.07	-7.94	-1.40	0.00	0.00	-1.11	-0.83	-0.95	-1.76	-1.06	-2.40	-2.27	-0.98	-5.50	-9.12	-4.76	-5.16	-1.72	-0.55	-0.76	-3.11
ADK S GLENS___FALLS	22.62	21.88	21.23	19.59	20.59	19.66	19.12	19.05	20.03	20.81	21.17	21.88	22.30	23.38	23.69	23.63	28.32	32.09	30.56	28.43	25.27	23.44	22.23	21.48
24028	1.71	1.16	0.92	0.92	0.94	1.38	1.50	1.52	1.51	1.58	1.58	1.42	1.57	1.52	1.68	1.85	1.85	1.92	2.26	2.08	2.14	1.91	1.72	1.44
	-1.06	-6.57	-8.73	-7.06	-7.94	-1.40	0.00	0.00	-1.11	-0.83	-0.95	-1.76	-1.06	-2.40	-2.27	-0.98	-5.50	-9.11	-4.76	-5.16	-1.72	-0.55	-0.76	-3.11
ADK_NYS___DAM	21.92	21.20	20.54	18.97	19.90	19.09	18.50	18.43	19.41	20.18	20.53	21.36	21.78	22.89	23.15	22.97	27.49	31.10	29.57	27.46	24.41	22.79	21.69	20.86
23527	1.05	0.75	0.58	0.59	0.57	0.88	0.88	0.91	0.94	0.99	0.99	0.97	1.10	1.13	1.22	1.23	1.24	1.29	1.46	1.31	1.35	1.28	1.21	0.95
	-1.02	-6.30	-8.37	-6.77	-7.61	-1.35	0.00	0.00	-1.07	-0.80	-0.91	-1.69	-1.01	-2.30	-2.18	-0.94	-5.28	-8.75	-4.57	-4.95	-1.65	-0.53	-0.72	-2.98
AIR_PRODUCTS___DRP	21.31	20.79	20.24	18.67	19.62	18.66	18.12	17.99	18.96	19.71	20.02	20.87	21.24	22.34	22.52	22.37	26.90	30.52	28.86	26.84	23.75	22.12	21.04	20.37
24190	0.44	0.31	0.24	0.26	0.26	0.44	0.49	0.47	0.49	0.52	0.47	0.47	0.55	0.56	0.59	0.62	0.63	0.67	0.73	0.68	0.69	0.61	0.55	0.44
	-1.02	-6.33	-8.41	-6.80	-7.65	-1.35	0.00	0.00	-1.07	-0.80	-0.92	-1.70	-1.02	-2.31	-2.18	-0.94	-5.30	-8.78	-4.59	-4.97	-1.66	-0.53	-0.73	-3.00
AKWESSNE_115KV_BK	19.24	13.67	11.18	11.19	11.29	16.44	17.13	17.03	16.98	17.95	18.15	18.24	19.10	18.97	19.19	20.15	20.39	20.45	22.82	20.58	20.73	20.36	19.26	16.39
355683	-0.62	-0.48	-0.41	-0.42	-0.42	-0.46	-0.49	-0.49	-0.43	-0.46	-0.50	-0.49	-0.59	-0.53	-0.59	-0.67	-0.67	-0.76	-0.80	-0.70	-0.71	-0.63	-0.51	-0.59
	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	-0.02	-0.01	-0.02	-0.03	-0.02	-0.04	-0.04	-0.02	-0.09	-0.15	-0.08	-0.08	-0.03	-0.01	-0.01	-0.05
ALBANY___1	21.31	20.79	20.24	18.67	19.62	18.66	18.12	17.99	18.96	19.71	20.02	20.87	21.24	22.34	22.52	22.37	26.90	30.52	28.86	26.84	23.75	22.12	21.04	20.37
23571	0.44	0.31	0.24	0.26	0.26	0.44	0.49	0.47	0.49	0.52	0.47	0.47	0.55	0.56	0.59	0.62	0.63	0.67	0.73	0.68	0.69	0.61	0.55	0.44
	-1.02	-6.33	-8.41	-6.80	-7.65	-1.35	0.00	0.00	-1.07	-0.80	-0.92	-1.70	-1.02	-2.31	-2.18	-0.94	-5.30	-8.78	-4.59	-4.97	-1.66	-0.53	-0.73	-3.00
ALBANY___2	21.31	20.79	20.24	18.67	19.62	18.66	18.12	17.99	18.96	19.71	20.02	20.87	21.24	22.34	22.52	22.37	26.90	30.52	28.86	26.84	23.75	22.12	21.04	20.37
23572	0.44	0.31	0.24	0.26	0.26	0.44	0.49	0.47	0.49	0.52	0.47	0.47	0.55	0.56	0.59	0.62	0.63	0.67	0.73	0.68	0.69	0.61	0.55	0.44
	-1.02	-6.33	-8.41	-6.80	-7.65	-1.35	0.00	0.00	-1.07	-0.80	-0.92	-1.70	-1.02	-2.31	-2.18	-0.94	-5.30	-8.78	-4.59	-4.97	-1.66	-0.53	-0.73	-3.00
ALBANY___3	21.31	20.79	20.24	18.67	19.62	18.66	18.12	17.99	18.96	19.71	20.02	20.87	21.24	22.34	22.52	22.37	26.90	30.52	28.86	26.84	23.75	22.12	21.04	20.37
23573	0.44	0.31	0.24	0.26	0.26	0.44	0.49	0.47	0.49	0.52	0.47	0.47	0.55	0.56	0.59	0.62	0.63	0.67	0.73	0.68	0.69	0.61	0.55	0.44
	-1.02	-6.33	-8.41	-6.80	-7.65	-1.35	0.00	0.00	-1.07	-0.80	-0.92	-1.70	-1.02	-2.31	-2.18	-0.94	-5.30	-8.78	-4.59	-4.97	-1.66	-0.53	-0.73	-3.00

ALBANY___4 23574	21.31 0.44 -1.02	20.79 0.31 -6.33	20.24 0.24 -8.41	18.67 0.26 -6.80	19.62 0.26 -7.65	18.66 0.44 -1.35	18.12 0.49 0.00	17.99 0.47 0.00	18.96 0.49 -1.07	19.71 0.52 -0.80	20.02 0.47 -0.92	20.87 0.47 -1.70	21.24 0.55 -1.02	22.34 0.56 -2.31	22.52 0.59 -2.18	22.37 0.62 -0.94	26.90 0.63 -5.30	30.52 0.67 -8.78	28.86 0.73 -4.59	26.84 0.68 -4.97	23.75 0.69 -1.66	22.12 0.61 -0.53	21.04 0.55 -0.73	20.37 0.44 -3.00
ALBANY___LFGE 323615	21.54 0.65 -1.03	21.01 0.47 -6.40	20.46 0.37 -8.50	18.85 0.37 -6.88	19.83 0.39 -7.73	18.86 0.62 -1.37	18.31 0.69 0.00	18.19 0.67 0.00	19.15 0.66 -1.08	19.90 0.70 -0.81	20.23 0.67 -0.93	21.09 0.67 -1.72	21.49 0.79 -1.03	22.58 0.78 -2.34	22.76 0.81 -2.21	22.63 0.87 -0.95	27.19 0.86 -5.35	30.85 0.91 -8.88	29.19 1.01 -4.64	27.13 0.91 -5.02	24.02 0.94 -1.67	22.38 0.86 -0.54	21.26 0.77 -0.74	20.59 0.63 -3.03
ALCOA_PA_115KV_PL-6C 55860	19.20 -0.66 0.00	13.64 -0.51 0.00	11.16 -0.43 0.00	11.15 -0.45 0.00	11.27 -0.45 0.00	16.46 -0.44 -0.03	17.15 -0.48 0.00	17.03 -0.49 0.00	17.00 -0.42 -0.02	17.95 -0.46 -0.02	18.17 -0.48 -0.02	18.27 -0.47 -0.03	19.06 -0.63 -0.02	19.00 -0.51 -0.04	19.16 -0.63 -0.04	20.07 -0.75 -0.02	20.34 -0.73 -0.10	20.41 -0.82 -0.17	22.76 -0.87 -0.09	20.57 -0.72 -0.09	20.69 -0.75 -0.03	20.32 -0.67 -0.01	19.24 -0.53 -0.01	16.36 -0.63 -0.06
ALCOA_RYNLDS___DRP 24188	19.20 -0.66 0.00	13.64 -0.51 0.00	11.16 -0.43 0.00	11.15 -0.45 0.00	11.27 -0.45 0.00	16.46 -0.44 -0.03	17.15 -0.48 0.00	17.03 -0.49 0.00	17.00 -0.42 -0.02	17.95 -0.46 -0.02	18.17 -0.48 -0.02	18.27 -0.47 -0.03	19.06 -0.63 -0.02	19.00 -0.51 -0.04	19.16 -0.63 -0.04	20.07 -0.75 -0.02	20.34 -0.73 -0.10	20.41 -0.82 -0.17	22.76 -0.87 -0.09	20.57 -0.72 -0.09	20.69 -0.75 -0.03	20.32 -0.67 -0.01	19.24 -0.53 -0.01	16.36 -0.63 -0.06
ALCOA___DSASP 323711	19.20 -0.65 0.00	13.64 -0.51 0.00	11.16 -0.43 0.00	11.15 -0.45 0.00	11.27 -0.45 0.00	16.44 -0.45 -0.03	17.15 -0.48 0.00	17.03 -0.49 0.00	17.00 -0.42 -0.02	17.95 -0.46 -0.02	18.17 -0.48 -0.02	18.27 -0.47 -0.03	19.16 -0.53 -0.02	19.00 -0.51 -0.04	19.16 -0.63 -0.04	20.07 -0.75 -0.02	20.34 -0.73 -0.10	20.41 -0.82 -0.17	22.76 -0.87 -0.09	20.57 -0.72 -0.09	20.69 -0.75 -0.03	20.31 -0.67 -0.01	19.18 -0.59 -0.01	16.36 -0.63 -0.06
ALLEGHENY___COGEN 23514	20.84 0.85 -0.13	15.71 0.76 -0.80	13.24 0.59 -1.06	13.14 0.67 -0.86	13.31 0.63 -0.96	17.94 0.84 -0.22	18.38 0.76 0.00	18.19 0.67 0.00	17.80 0.23 -0.18	18.45 -0.07 -0.13	18.43 -0.35 -0.15	18.61 -0.37 -0.28	19.48 -0.35 -0.17	19.45 -0.39 -0.38	19.85 -0.26 -0.36	20.81 -0.14 -0.16	21.77 -0.08 -0.88	22.94 0.42 -1.45	25.10 0.80 -0.76	23.09 1.08 -0.82	23.03 1.35 -0.27	22.07 1.01 -0.09	20.61 0.73 -0.12	18.63 1.20 -0.50
ALTAMONT_115KV_TB 2 55880	21.57 0.69 -1.02	20.99 0.51 -6.33	20.42 0.42 -8.41	18.82 0.41 -6.80	19.78 0.42 -7.65	18.86 0.64 -1.35	18.31 0.69 0.00	18.20 0.68 0.00	19.15 0.68 -1.07	19.89 0.70 -0.80	20.26 0.71 -0.92	21.11 0.71 -1.70	21.49 0.81 -1.02	22.57 0.80 -2.31	22.78 0.85 -2.18	22.66 0.92 -0.94	27.18 0.90 -5.30	30.81 0.97 -8.78	29.21 1.08 -4.59	27.14 0.97 -4.97	24.05 0.98 -1.66	22.43 0.92 -0.53	21.31 0.83 -0.73	20.62 0.69 -2.99
ALTONA_WT_PWR 323606	18.80 -1.05 0.00	13.40 -0.75 0.00	10.95 -0.64 0.00	11.02 -0.59 0.00	11.01 -0.70 0.00	16.05 -0.84 -0.02	16.64 -0.99 0.00	16.54 -0.98 0.00	16.55 -0.87 -0.02	17.45 -0.96 -0.01	17.63 -1.02 -0.02	17.68 -1.05 -0.03	18.49 -1.20 -0.02	18.37 -1.13 -0.04	18.52 -1.26 -0.04	19.42 -1.39 -0.02	19.79 -1.28 -0.09	19.93 -1.29 -0.15	22.35 -1.27 -0.08	20.18 -1.10 -0.09	20.26 -1.18 -0.03	19.83 -1.15 -0.01	18.70 -1.07 -0.01	15.92 -1.07 -0.05
AMERICAN_REF_FUEL 24010	19.73 -0.24 -0.12	14.89 0.03 -0.72	12.60 0.06 -0.95	12.49 0.12 -0.77	12.69 0.11 -0.87	16.98 -0.10 -0.21	17.38 -0.25 0.00	17.22 -0.30 0.00	16.94 -0.63 -0.16	17.84 -0.68 -0.12	18.01 -0.76 -0.14	18.21 -0.75 -0.26	19.14 -0.69 -0.16	19.19 -0.62 -0.36	19.61 -0.47 -0.34	20.57 -0.37 -0.15	21.29 -0.50 -0.81	22.16 -0.25 -1.35	23.80 -0.45 -0.71	21.64 -0.32 -0.76	21.40 -0.26 -0.25	20.62 -0.44 -0.08	19.38 -0.49 -0.11	17.63 0.24 -0.46
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.18 0.20 -0.13	15.32 0.37 -0.80	13.02 0.36 -1.07	12.99 0.52 -0.86	13.17 0.48 -0.97	17.53 0.44 -0.23	18.14 0.51 0.00	18.05 0.53 0.00	17.53 -0.05 -0.18	18.42 -0.11 -0.13	18.56 -0.22 -0.15	18.78 -0.21 -0.28	19.74 -0.10 -0.17	19.81 -0.04 -0.39	20.27 0.16 -0.36	21.29 0.33 -0.16	22.11 0.25 -0.88	23.07 0.55 -1.46	24.73 0.42 -0.76	22.51 0.49 -0.83	22.26 0.58 -0.28	21.44 0.38 -0.09	20.10 0.22 -0.12	18.18 0.74 -0.50
ARTHUR_KILL_GT_1 23520	22.02 1.37 -0.80	20.07 0.99 -4.93	19.02 0.88 -6.55	17.78 0.87 -5.30	18.48 0.81 -5.96	18.96 1.03 -1.06	18.65 1.02 0.00	18.58 1.07 0.01	19.37 1.13 -0.84	20.28 1.27 -0.62	20.71 1.36 -0.71	21.43 1.40 -1.33	22.08 1.61 -0.79	22.94 1.67 -1.81	23.05 1.60 -1.71	23.28 1.75 -0.74	27.06 1.93 -4.15	29.91 1.96 -6.88	74.25 2.21 -48.50	26.95 1.87 -3.89	24.41 1.71 -1.29	23.07 1.68 -0.42	22.11 1.78 -0.57	20.74 1.46 -2.35
ARTHUR_KILL_2 23512	21.96 1.31 -0.80	20.03 0.95 -4.93	19.00 0.86 -6.55	17.75 0.84 -5.30	18.45 0.77 -5.96	18.91 0.98 -1.06	18.59 0.97 0.00	18.53 1.02 0.01	19.31 1.08 -0.84	20.23 1.21 -0.62	20.65 1.30 -0.71	21.37 1.35 -1.33	22.02 1.55 -0.79	22.88 1.61 -1.81	23.00 1.54 -1.71	23.22 1.68 -0.74	26.97 1.85 -4.15	29.82 1.87 -6.88	74.18 2.14 -48.50	26.87 1.78 -3.89	24.35 1.65 -1.29	23.01 1.62 -0.42	22.03 1.70 -0.57	20.69 1.40 -2.35
ARTHUR_KILL_3 23513	21.84 1.19 -0.80	19.97 0.89 -4.93	18.93 0.79 -6.55	17.67 0.77 -5.30	18.40 0.73 -5.96	18.91 0.98 -1.06	18.73 1.11 0.00	18.75 1.23 0.00	19.50 1.25 -0.84	20.39 1.36 -0.63	20.77 1.42 -0.72	21.51 1.48 -1.33	22.10 1.63 -0.80	22.95 1.67 -1.82	23.12 1.66 -1.72	23.37 1.83 -0.74	27.02 1.89 -4.16	29.92 1.96 -6.89	74.17 2.12 -48.51	26.94 1.84 -3.90	24.48 1.78 -1.30	23.12 1.72 -0.42	21.97 1.64 -0.57	20.60 1.32 -2.35
ARTHUR_KILL_COGEN 323718	22.02 1.37 -0.80	20.07 0.99 -4.93	19.02 0.88 -6.55	17.78 0.87 -5.30	18.48 0.81 -5.96	18.96 1.03 -1.06	18.65 1.02 0.00	18.58 1.07 0.01	19.37 1.13 -0.84	20.28 1.27 -0.62	20.71 1.36 -0.71	21.43 1.40 -1.33	22.08 1.61 -0.79	22.94 1.67 -1.81	23.05 1.60 -1.71	23.28 1.75 -0.74	27.06 1.93 -4.15	29.91 1.96 -6.88	74.25 2.21 -48.50	26.95 1.87 -3.89	24.41 1.71 -1.29	23.07 1.68 -0.42	22.11 1.78 -0.57	20.74 1.46 -2.35
ASHOKAN____ 23654	21.13 0.38 -0.90	19.95 0.21 -5.59	19.17 0.16 -7.42	17.72 0.10 -6.00	18.70 0.23 -6.75	18.41 0.34 -1.20	18.42 0.79 0.00	18.19 0.67 0.00	18.61 0.26 -0.95	19.36 0.26 -0.71	19.67 0.22 -0.81	20.43 0.23 -1.50	20.83 0.26 -0.90	21.80 0.29 -2.05	21.98 0.30 -1.93	22.03 0.39 -0.84	26.02 0.36 -4.69	29.28 0.44 -7.78	28.19 0.59 -4.06	26.23 0.64 -4.40	23.62 0.75 -1.47	22.12 0.67 -0.47	20.93 0.53 -0.64	19.97 0.39 -2.65

ASTORIA_EAST_ENERGY_CC1 323581	22.09 1.43 -0.81	20.13 1.05 -4.94	19.09 0.94 -6.56	17.86 0.94 -5.31	18.57 0.89 -5.97	19.05 1.11 -1.06	18.82 1.20 0.00	18.73 1.21 0.00	19.43 1.20 -0.83	20.40 1.38 -0.63	20.84 1.49 -0.72	21.57 1.53 -1.33	22.24 1.77 -0.80	23.10 1.83 -1.81	23.20 1.74 -1.71	23.43 1.89 -0.74	27.19 2.06 -4.16	29.98 2.02 -6.89	29.47 2.33 -3.60	27.02 1.93 -3.90	24.57 1.86 -1.30	23.26 1.87 -0.42	22.23 1.90 -0.58	20.83 1.54 -2.36
ASTORIA_EAST_ENERGY_CC2 323582	22.09 1.43 -0.81	20.15 1.06 -4.94	19.09 0.94 -6.56	17.86 0.94 -5.31	18.58 0.90 -5.97	19.06 1.13 -1.06	18.82 1.20 0.00	18.75 1.23 0.00	19.43 1.20 -0.83	20.42 1.40 -0.63	20.84 1.49 -0.72	21.58 1.55 -1.33	22.24 1.77 -0.80	23.13 1.85 -1.81	23.20 1.74 -1.71	23.43 1.89 -0.74	27.21 2.08 -4.16	30.00 2.04 -6.89	29.49 2.35 -3.60	27.04 1.95 -3.90	24.57 1.86 -1.30	23.26 1.87 -0.42	22.23 1.90 -0.58	20.85 1.56 -2.36
ASTORIA_GT2_1 24094	22.09 1.43 -0.81	20.15 1.06 -4.94	19.09 0.94 -6.56	17.86 0.94 -5.31	18.58 0.90 -5.97	19.06 1.13 -1.06	18.82 1.20 0.00	18.75 1.23 0.00	19.46 1.22 -0.84	20.42 1.40 -0.63	20.84 1.49 -0.72	21.59 1.55 -1.33	22.26 1.79 -0.80	23.11 1.83 -1.81	23.20 1.74 -1.71	23.43 1.89 -0.74	27.21 2.08 -4.16	30.00 2.04 -6.89	29.49 2.35 -3.60	27.17 2.08 -3.90	24.57 1.86 -1.30	23.26 1.87 -0.42	22.23 1.90 -0.58	20.85 1.56 -2.36
ASTORIA_GT2_2 24095	22.09 1.43 -0.81	20.15 1.06 -4.94	19.09 0.94 -6.56	17.86 0.94 -5.31	18.58 0.90 -5.97	19.06 1.13 -1.06	18.82 1.20 0.00	18.75 1.23 0.00	19.46 1.22 -0.84	20.42 1.40 -0.63	20.84 1.49 -0.72	21.59 1.55 -1.33	22.26 1.79 -0.80	23.11 1.83 -1.81	23.20 1.74 -1.71	23.43 1.89 -0.74	27.21 2.08 -4.16	30.00 2.04 -6.89	29.49 2.35 -3.60	27.17 2.08 -3.90	24.57 1.86 -1.30	23.26 1.87 -0.42	22.23 1.90 -0.58	20.85 1.56 -2.36
ASTORIA_GT2_3 24096	22.09 1.43 -0.81	20.15 1.06 -4.94	19.09 0.94 -6.56	17.86 0.94 -5.31	18.58 0.90 -5.97	19.06 1.13 -1.06	18.82 1.20 0.00	18.75 1.23 0.00	19.46 1.22 -0.84	20.42 1.40 -0.63	20.84 1.49 -0.72	21.59 1.55 -1.33	22.26 1.79 -0.80	23.11 1.83 -1.81	23.20 1.74 -1.71	23.43 1.89 -0.74	27.21 2.08 -4.16	30.00 2.04 -6.89	29.49 2.35 -3.60	27.17 2.08 -3.90	24.57 1.86 -1.30	23.26 1.87 -0.42	22.23 1.90 -0.58	20.85 1.56 -2.36
ASTORIA_GT2_4 24097	22.09 1.43 -0.81	20.15 1.06 -4.94	19.09 0.94 -6.56	17.86 0.94 -5.31	18.58 0.90 -5.97	19.06 1.13 -1.06	18.82 1.20 0.00	18.75 1.23 0.00	19.46 1.22 -0.84	20.42 1.40 -0.63	20.84 1.49 -0.72	21.59 1.55 -1.33	22.26 1.79 -0.80	23.11 1.83 -1.81	23.20 1.74 -1.71	23.43 1.89 -0.74	27.21 2.08 -4.16	30.00 2.04 -6.89	29.49 2.35 -3.60	27.17 2.08 -3.90	24.57 1.86 -1.30	23.26 1.87 -0.42	22.23 1.90 -0.58	20.85 1.56 -2.36
ASTORIA_GT3_1 24098	22.09 1.43 -0.81	20.15 1.06 -4.94	19.09 0.94 -6.56	17.86 0.94 -5.31	18.58 0.90 -5.97	19.06 1.13 -1.06	18.82 1.20 0.00	18.75 1.23 0.00	19.46 1.22 -0.84	20.42 1.40 -0.63	20.84 1.49 -0.72	21.59 1.55 -1.33	22.26 1.79 -0.80	23.11 1.83 -1.81	23.20 1.74 -1.71	23.43 1.89 -0.74	27.21 2.08 -4.16	30.00 2.04 -6.89	29.49 2.35 -3.60	27.17 2.08 -3.90	24.57 1.86 -1.30	23.26 1.87 -0.42	22.23 1.90 -0.58	20.85 1.56 -2.36
ASTORIA_GT3_2 24099	22.09 1.43 -0.81	20.15 1.06 -4.94	19.09 0.94 -6.56	17.86 0.94 -5.31	18.58 0.90 -5.97	19.06 1.13 -1.06	18.82 1.20 0.00	18.75 1.23 0.00	19.46 1.22 -0.84	20.42 1.40 -0.63	20.84 1.49 -0.72	21.59 1.55 -1.33	22.26 1.79 -0.80	23.11 1.83 -1.81	23.20 1.74 -1.71	23.43 1.89 -0.74	27.21 2.08 -4.16	30.00 2.04 -6.89	29.49 2.35 -3.60	27.17 2.08 -3.90	24.57 1.86 -1.30	23.26 1.87 -0.42	22.23 1.90 -0.58	20.85 1.56 -2.36
ASTORIA_GT3_3 24100	22.09 1.43 -0.81	20.15 1.06 -4.94	19.09 0.94 -6.56	17.86 0.94 -5.31	18.58 0.90 -5.97	19.06 1.13 -1.06	18.82 1.20 0.00	18.75 1.23 0.00	19.46 1.22 -0.84	20.42 1.40 -0.63	20.84 1.49 -0.72	21.59 1.55 -1.33	22.26 1.79 -0.80	23.11 1.83 -1.81	23.20 1.74 -1.71	23.43 1.89 -0.74	27.21 2.08 -4.16	30.00 2.04 -6.89	29.49 2.35 -3.60	27.17 2.08 -3.90	24.57 1.86 -1.30	23.26 1.87 -0.42	22.23 1.90 -0.58	20.85 1.56 -2.36
ASTORIA_GT3_4 24101	22.09 1.43 -0.81	20.15 1.06 -4.94	19.09 0.94 -6.56	17.86 0.94 -5.31	18.58 0.90 -5.97	19.06 1.13 -1.06	18.82 1.20 0.00	18.75 1.23 0.00	19.46 1.22 -0.84	20.42 1.40 -0.63	20.84 1.49 -0.72	21.59 1.55 -1.33	22.26 1.79 -0.80	23.11 1.83 -1.81	23.20 1.74 -1.71	23.43 1.89 -0.74	27.21 2.08 -4.16	30.00 2.04 -6.89	29.49 2.35 -3.60	27.17 2.08 -3.90	24.57 1.86 -1.30	23.26 1.87 -0.42	22.23 1.90 -0.58	20.85 1.56 -2.36
ASTORIA_GT4_1 24102	22.09 1.43 -0.81	20.15 1.06 -4.94	19.09 0.94 -6.56	17.86 0.94 -5.31	18.58 0.90 -5.97	19.06 1.13 -1.06	18.82 1.20 0.00	18.75 1.23 0.00	19.46 1.22 -0.84	20.42 1.40 -0.63	20.84 1.49 -0.72	21.59 1.55 -1.33	22.26 1.79 -0.80	23.11 1.83 -1.81	23.20 1.74 -1.71	23.43 1.89 -0.74	27.21 2.08 -4.16	30.00 2.04 -6.89	29.49 2.35 -3.60	27.17 2.08 -3.90	24.57 1.86 -1.30	23.26 1.87 -0.42	22.23 1.90 -0.58	20.85 1.56 -2.36
ASTORIA_GT4_2 24103	22.09 1.43 -0.81	20.15 1.06 -4.94	19.09 0.94 -6.56	17.86 0.94 -5.31	18.58 0.90 -5.97	19.06 1.13 -1.06	18.82 1.20 0.00	18.75 1.23 0.00	19.46 1.22 -0.84	20.42 1.40 -0.63	20.84 1.49 -0.72	21.59 1.55 -1.33	22.26 1.79 -0.80	23.11 1.83 -1.81	23.20 1.74 -1.71	23.43 1.89 -0.74	27.21 2.08 -4.16	30.00 2.04 -6.89	29.49 2.35 -3.60	27.17 2.08 -3.90	24.57 1.86 -1.30	23.26 1.87 -0.42	22.23 1.90 -0.58	20.85 1.56 -2.36
ASTORIA_GT4_3 24104	22.09 1.43 -0.81	20.15 1.06 -4.94	19.09 0.94 -6.56	17.86 0.94 -5.31	18.58 0.90 -5.97	19.06 1.13 -1.06	18.82 1.20 0.00	18.75 1.23 0.00	19.46 1.22 -0.84	20.42 1.40 -0.63	20.84 1.49 -0.72	21.59 1.55 -1.33	22.26 1.79 -0.80	23.11 1.83 -1.81	23.20 1.74 -1.71	23.43 1.89 -0.74	27.21 2.08 -4.16	30.00 2.04 -6.89	29.49 2.35 -3.60	27.17 2.08 -3.90	24.57 1.86 -1.30	23.26 1.87 -0.42	22.23 1.90 -0.58	20.85 1.56 -2.36
ASTORIA_GT4_4 24105	22.09 1.43 -0.81	20.15 1.06 -4.94	19.09 0.94 -6.56	17.86 0.94 -5.31	18.58 0.90 -5.97	19.06 1.13 -1.06	18.82 1.20 0.00	18.75 1.23 0.00	19.46 1.22 -0.84	20.42 1.40 -0.63	20.84 1.49 -0.72	21.59 1.55 -1.33	22.26 1.79 -0.80	23.11 1.83 -1.81	23.20 1.74 -1.71	23.43 1.89 -0.74	27.21 2.08 -4.16	30.00 2.04 -6.89	29.49 2.35 -3.60	27.17 2.08 -3.90	24.57 1.86 -1.30	23.26 1.87 -0.42	22.23 1.90 -0.58	20.85 1.56 -2.36
ASTORIA_GT_1 23523	22.13 1.47 -0.81	20.18 1.09 -4.94	19.11 0.96 -6.56	17.88 0.96 -5.31	18.60 0.91 -5.97	19.08 1.15 -1.06	18.86 1.23 0.00	18.77 1.24 0.00	19.47 1.24 -0.83	20.46 1.44 -0.63	20.88 1.53 -0.72	21.62 1.59 -1.33	22.28 1.81 -0.80	23.14 1.87 -1.81	23.24 1.78 -1.71	23.48 1.93 -0.74	27.25 2.12 -4.16	30.04 2.09 -6.89	29.54 2.40 -3.60	27.08 1.99 -3.90	24.61 1.90 -1.30	23.30 1.91 -0.42	22.27 1.94 -0.58	20.86 1.57 -2.36

ASTORIA_GT_10 24110	21.94 1.29 -0.80	20.04 0.96 -4.93	19.00 0.86 -6.55	17.76 0.85 -5.30	18.48 0.81 -5.96	19.00 1.06 -1.06	18.77 1.15 0.00	18.73 1.21 0.00	19.48 1.24 -0.84	20.40 1.38 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.18 1.71 -0.80	22.99 1.71 -1.81	23.12 1.66 -1.71	23.35 1.81 -0.74	27.08 1.95 -4.16	29.91 1.96 -6.89	29.35 2.21 -3.60	27.02 1.93 -3.90	24.48 1.78 -1.30	23.16 1.76 -0.42	22.07 1.74 -0.57	20.70 1.42 -2.35
ASTORIA_GT_11 24225	21.94 1.29 -0.80	20.04 0.96 -4.93	19.00 0.86 -6.55	17.76 0.85 -5.30	18.48 0.81 -5.96	19.00 1.06 -1.06	18.77 1.15 0.00	18.73 1.21 0.00	19.48 1.24 -0.84	20.40 1.38 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.18 1.71 -0.80	22.99 1.71 -1.81	23.12 1.66 -1.71	23.35 1.81 -0.74	27.08 1.95 -4.16	29.91 1.96 -6.89	29.35 2.21 -3.60	27.02 1.93 -3.90	24.48 1.78 -1.30	23.16 1.76 -0.42	22.07 1.74 -0.57	20.70 1.42 -2.35
ASTORIA_GT_12 24226	21.94 1.29 -0.80	20.04 0.96 -4.93	19.00 0.86 -6.55	17.76 0.85 -5.30	18.48 0.81 -5.96	19.00 1.06 -1.06	18.77 1.15 0.00	18.73 1.21 0.00	19.48 1.24 -0.84	20.40 1.38 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.18 1.71 -0.80	22.99 1.71 -1.81	23.12 1.66 -1.71	23.35 1.81 -0.74	27.08 1.95 -4.16	29.91 1.96 -6.89	29.35 2.21 -3.60	27.02 1.93 -3.90	24.48 1.78 -1.30	23.16 1.76 -0.42	22.07 1.74 -0.57	20.70 1.42 -2.35
ASTORIA_GT_13 24227	21.94 1.29 -0.80	20.04 0.96 -4.93	19.00 0.86 -6.55	17.76 0.85 -5.30	18.48 0.81 -5.96	19.00 1.06 -1.06	18.77 1.15 0.00	18.73 1.21 0.00	19.48 1.24 -0.84	20.40 1.38 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.18 1.71 -0.80	22.99 1.71 -1.81	23.12 1.66 -1.71	23.35 1.81 -0.74	27.08 1.95 -4.16	29.91 1.96 -6.89	29.35 2.21 -3.60	27.02 1.93 -3.90	24.48 1.78 -1.30	23.16 1.76 -0.42	22.07 1.74 -0.57	20.70 1.42 -2.35
ASTORIA_GT_5 24106	22.13 1.47 -0.81	20.18 1.09 -4.94	19.11 0.96 -6.56	17.88 0.96 -5.31	18.60 0.91 -5.97	19.08 1.15 -1.06	18.86 1.23 0.00	18.77 1.24 0.00	19.47 1.24 -0.83	20.46 1.44 -0.63	20.88 1.53 -0.72	21.62 1.59 -1.33	22.28 1.81 -0.80	23.14 1.87 -1.81	23.24 1.78 -1.71	23.48 1.93 -0.74	27.25 2.12 -4.16	30.04 2.09 -6.89	29.54 2.40 -3.60	27.08 1.99 -3.90	24.61 1.90 -1.30	23.30 1.91 -0.42	22.27 1.94 -0.58	20.86 1.57 -2.36
ASTORIA_GT_7 24107	22.13 1.47 -0.81	20.18 1.09 -4.94	19.11 0.96 -6.56	17.88 0.96 -5.31	18.60 0.91 -5.97	19.08 1.15 -1.06	18.86 1.23 0.00	18.77 1.24 0.00	19.47 1.24 -0.83	20.46 1.44 -0.63	20.88 1.53 -0.72	21.62 1.59 -1.33	22.28 1.81 -0.80	23.14 1.87 -1.81	23.24 1.78 -1.71	23.48 1.93 -0.74	27.25 2.12 -4.16	30.04 2.09 -6.89	29.54 2.40 -3.60	27.08 1.99 -3.90	24.61 1.90 -1.30	23.30 1.91 -0.42	22.27 1.94 -0.58	20.86 1.57 -2.36
ASTORIA_GT_8 24108	22.13 1.47 -0.81	20.18 1.09 -4.94	19.11 0.96 -6.56	17.88 0.96 -5.31	18.60 0.91 -5.97	19.08 1.15 -1.06	18.86 1.23 0.00	18.77 1.24 0.00	19.48 1.24 -0.84	20.46 1.43 -0.63	20.88 1.53 -0.72	21.62 1.59 -1.33	22.30 1.83 -0.80	23.14 1.87 -1.81	23.24 1.78 -1.71	23.48 1.93 -0.74	27.25 2.12 -4.16	30.04 2.09 -6.89	29.54 2.40 -3.60	27.19 2.10 -3.90	24.61 1.91 -1.30	23.30 1.91 -0.42	22.27 1.94 -0.58	20.86 1.57 -2.36
ASTORIA___2 24149	22.09 1.43 -0.81	20.15 1.06 -4.94	19.09 0.94 -6.56	17.86 0.94 -5.31	18.58 0.90 -5.97	19.06 1.13 -1.06	18.82 1.20 0.00	18.75 1.23 0.00	19.43 1.20 -0.83	20.42 1.40 -0.63	20.84 1.49 -0.72	21.58 1.55 -1.33	22.24 1.77 -0.80	23.13 1.85 -1.81	23.20 1.74 -1.71	23.43 1.89 -0.74	27.21 2.08 -4.16	30.00 2.04 -6.89	29.49 2.35 -3.60	27.04 1.95 -3.90	24.57 1.86 -1.30	23.26 1.87 -0.42	22.23 1.90 -0.58	20.85 1.56 -2.36
ASTORIA___3 23516	21.96 1.31 -0.80	20.04 0.96 -4.93	19.00 0.86 -6.55	17.76 0.85 -5.30	18.48 0.81 -5.96	19.00 1.06 -1.06	18.77 1.14 0.00	18.73 1.21 0.00	19.48 1.24 -0.84	20.40 1.38 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.16 1.69 -0.80	23.01 1.73 -1.81	23.12 1.66 -1.71	23.35 1.81 -0.74	27.08 1.95 -4.16	29.91 1.96 -6.89	29.35 2.21 -3.60	26.96 1.87 -3.90	24.48 1.78 -1.30	23.16 1.76 -0.42	22.09 1.76 -0.57	20.70 1.42 -2.35
ASTORIA___4 23517	21.94 1.29 -0.80	20.04 0.96 -4.93	19.00 0.86 -6.55	17.76 0.85 -5.30	18.48 0.81 -5.96	19.00 1.06 -1.06	18.77 1.15 0.00	18.73 1.21 0.00	19.48 1.24 -0.84	20.40 1.38 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.18 1.71 -0.80	22.99 1.71 -1.81	23.12 1.66 -1.71	23.35 1.81 -0.74	27.08 1.95 -4.16	29.91 1.96 -6.89	29.35 2.21 -3.60	27.02 1.93 -3.90	24.48 1.78 -1.30	23.16 1.76 -0.42	22.07 1.74 -0.57	20.70 1.42 -2.35
ASTORIA___5 23518	21.96 1.31 -0.80	20.04 0.96 -4.93	19.00 0.86 -6.55	17.76 0.85 -5.30	18.48 0.81 -5.96	19.00 1.06 -1.06	18.77 1.14 0.00	18.73 1.21 0.00	19.48 1.24 -0.84	20.40 1.38 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.16 1.69 -0.80	23.01 1.73 -1.81	23.12 1.66 -1.71	23.35 1.81 -0.74	27.08 1.95 -4.16	29.91 1.96 -6.89	29.35 2.21 -3.60	26.96 1.87 -3.90	24.48 1.78 -1.30	23.16 1.76 -0.42	22.09 1.76 -0.57	20.70 1.42 -2.35
AST_ENERGY_2_CC3 323677	21.88 1.23 -0.80	19.99 0.91 -4.93	18.94 0.80 -6.55	17.70 0.79 -5.30	18.42 0.75 -5.96	18.94 1.01 -1.06	18.75 1.13 0.00	18.75 1.23 0.00	19.51 1.27 -0.84	20.40 1.38 -0.63	20.77 1.42 -0.72	21.51 1.48 -1.33	22.10 1.63 -0.80	22.95 1.67 -1.81	23.12 1.66 -1.71	23.35 1.81 -0.74	27.00 1.87 -4.16	29.89 1.94 -6.89	29.26 2.12 -3.60	26.93 1.84 -3.90	24.48 1.78 -1.30	23.12 1.72 -0.42	21.99 1.66 -0.57	20.62 1.34 -2.35
AST_ENERGY_2_CC4 323678	21.88 1.23 -0.80	19.99 0.91 -4.93	18.94 0.80 -6.55	17.70 0.79 -5.30	18.42 0.75 -5.96	18.94 1.01 -1.06	18.75 1.13 0.00	18.75 1.23 0.00	19.51 1.27 -0.84	20.40 1.38 -0.63	20.77 1.42 -0.72	21.51 1.48 -1.33	22.10 1.63 -0.80	22.95 1.67 -1.81	23.12 1.66 -1.71	23.35 1.81 -0.74	27.00 1.87 -4.16	29.89 1.94 -6.89	29.26 2.12 -3.60	26.93 1.84 -3.90	24.48 1.78 -1.30	23.12 1.72 -0.42	21.99 1.66 -0.57	20.62 1.34 -2.35
ATHENS_STG_1 23668	21.55 0.80 -0.90	20.31 0.59 -5.57	19.49 0.50 -7.40	18.09 0.50 -5.99	18.95 0.50 -6.73	18.79 0.72 -1.19	18.40 0.77 0.00	18.31 0.79 0.00	19.13 0.78 -0.95	19.95 0.85 -0.71	20.30 0.86 -0.81	21.08 0.88 -1.50	21.55 0.98 -0.90	22.49 0.99 -2.04	22.70 1.03 -1.93	22.74 1.10 -0.83	26.77 1.11 -4.68	30.00 1.18 -7.75	28.88 1.29 -4.05	26.72 1.14 -4.39	24.02 1.16 -1.46	22.54 1.09 -0.47	21.41 1.01 -0.64	20.41 0.83 -2.64
ATHENS_STG_2 23670	21.55 0.80 -0.90	20.31 0.59 -5.57	19.49 0.50 -7.40	18.09 0.50 -5.99	18.95 0.50 -6.73	18.79 0.72 -1.19	18.40 0.77 0.00	18.31 0.79 0.00	19.13 0.78 -0.95	19.95 0.85 -0.71	20.30 0.86 -0.81	21.08 0.88 -1.50	21.55 0.98 -0.90	22.49 0.99 -2.04	22.70 1.03 -1.93	22.74 1.10 -0.83	26.77 1.11 -4.68	30.00 1.18 -7.75	28.88 1.29 -4.05	26.72 1.14 -4.39	24.02 1.16 -1.46	22.54 1.09 -0.47	21.41 1.01 -0.64	20.41 0.83 -2.64

ATHENS_STG_3 23677	21.55 0.80 -0.90	20.31 0.59 -5.57	19.49 0.50 -7.40	18.09 0.50 -5.99	18.95 0.50 -6.73	18.79 0.72 -1.19	18.40 0.77 0.00	18.31 0.79 0.00	19.13 0.78 -0.95	19.95 0.85 -0.71	20.30 0.86 -0.81	21.08 0.88 -1.50	21.55 0.98 -0.90	22.49 0.99 -2.04	22.70 1.03 -1.93	22.74 1.10 -0.83	26.77 1.11 -4.68	30.00 1.18 -7.75	28.88 1.29 -4.05	26.72 1.14 -4.39	24.02 1.16 -1.46	22.54 1.09 -0.47	21.41 1.01 -0.64	20.41 0.83 -2.64
AUBURN____LFGE 323710	20.31 0.36 -0.10	15.04 0.30 -0.59	12.61 0.23 -0.79	12.58 0.34 -0.64	12.69 0.26 -0.72	17.42 0.37 -0.18	18.06 0.44 0.00	17.99 0.47 0.00	17.91 0.37 -0.14	18.89 0.39 -0.11	19.17 0.41 -0.12	19.34 0.41 -0.23	20.26 0.45 -0.14	20.16 0.39 -0.31	20.49 0.45 -0.29	21.45 0.52 -0.13	22.21 0.52 -0.71	22.94 0.70 -1.18	24.96 0.80 -0.62	22.54 0.68 -0.67	22.34 0.71 -0.22	21.53 0.48 -0.07	20.19 0.34 -0.10	17.93 0.59 -0.40
BABYLON_RES_REC 323704	26.86 1.87 -5.14	22.28 1.37 -6.76	19.34 1.18 -6.57	18.06 1.15 -5.30	18.71 1.03 -5.96	19.27 1.33 -1.06	19.21 1.59 0.00	19.13 1.61 0.00	20.00 1.76 -0.84	21.30 1.88 -1.02	24.31 1.88 -3.79	24.99 1.91 -4.38	25.89 2.08 -4.14	26.35 2.10 -4.79	26.83 2.13 -4.95	26.92 2.31 -3.81	29.38 2.35 -6.06	31.00 2.46 -7.47	30.97 2.71 -4.72	29.45 2.44 -5.82	26.91 2.40 -3.11	26.41 2.33 -3.11	24.77 2.25 -2.76	23.06 1.86 -4.26
BABYLON__69_KV_BK2 356345	27.14 2.14 -5.14	22.48 1.57 -6.76	19.50 1.34 -6.57	18.21 1.30 -5.30	18.86 1.18 -5.96	19.54 1.60 -1.06	19.44 1.82 0.00	19.36 1.84 0.00	20.24 2.00 -0.84	21.55 2.13 -1.02	24.59 2.16 -3.79	25.29 2.21 -4.38	26.55 2.42 -4.46	28.09 2.41 -6.21	28.69 2.47 -6.48	29.11 2.66 -5.65	32.55 2.73 -8.84	32.84 2.82 -8.96	34.26 3.08 -7.63	31.19 2.78 -7.23	29.11 2.76 -4.94	28.16 2.66 -4.52	26.47 2.57 -4.14	23.33 2.13 -4.26
BARON_WINDS____WT_PWR 323822	20.04 0.02 -0.16	15.34 0.18 -1.01	13.11 0.17 -1.34	12.91 0.22 -1.09	13.16 0.22 -1.22	17.27 0.13 -0.27	17.92 0.30 0.00	17.80 0.28 0.00	17.47 -0.14 -0.21	18.39 -0.17 -0.16	18.55 -0.26 -0.18	18.76 -0.28 -0.34	19.63 -0.24 -0.20	19.72 -0.19 -0.46	20.16 -0.02 -0.43	21.07 0.08 -0.19	22.09 0.06 -1.05	23.13 0.34 -1.74	24.78 0.33 -0.91	22.51 0.34 -0.98	22.16 0.43 -0.33	21.27 0.19 -0.11	19.92 0.02 -0.14	18.00 0.47 -0.59
BARRETT_IC_1 23704	26.54 1.55 -5.14	22.11 1.19 -6.77	19.19 1.03 -6.57	17.90 0.99 -5.30	18.59 0.91 -5.96	19.06 1.13 -1.06	19.02 1.39 0.00	18.96 1.44 0.00	19.81 1.57 -0.84	21.12 1.69 -1.03	23.99 1.57 -3.79	24.67 1.59 -4.38	25.43 1.73 -4.03	25.50 1.75 -4.29	25.88 1.72 -4.41	25.84 1.87 -3.17	28.01 1.95 -5.08	29.99 2.00 -6.92	29.41 2.16 -3.70	28.46 1.95 -5.32	25.77 1.90 -2.46	25.46 1.87 -2.61	23.89 1.86 -2.28	22.77 1.57 -4.26
BARRETT_IC_10 23701	26.54 1.55 -5.14	22.11 1.19 -6.77	19.19 1.03 -6.57	17.90 0.99 -5.30	18.59 0.91 -5.96	19.06 1.13 -1.06	19.02 1.39 0.00	18.96 1.44 0.00	19.81 1.57 -0.84	21.12 1.69 -1.03	23.99 1.57 -3.79	24.67 1.59 -4.38	25.43 1.73 -4.03	25.50 1.75 -4.29	25.88 1.72 -4.41	25.84 1.87 -3.17	28.01 1.95 -5.08	29.99 2.00 -6.92	29.41 2.16 -3.70	28.46 1.95 -5.32	25.77 1.90 -2.46	25.46 1.87 -2.61	23.89 1.86 -2.28	22.77 1.57 -4.26
BARRETT_IC_11 23702	26.54 1.55 -5.14	22.11 1.19 -6.77	19.19 1.03 -6.57	17.90 0.99 -5.30	18.59 0.91 -5.96	19.06 1.13 -1.06	19.02 1.39 0.00	18.96 1.44 0.00	19.81 1.57 -0.84	21.12 1.69 -1.03	23.99 1.57 -3.79	24.67 1.59 -4.38	25.43 1.73 -4.03	25.50 1.75 -4.29	25.88 1.72 -4.41	25.84 1.87 -3.17	28.01 1.95 -5.08	29.99 2.00 -6.92	29.41 2.16 -3.70	28.46 1.95 -5.32	25.77 1.90 -2.46	25.46 1.87 -2.61	23.89 1.86 -2.28	22.77 1.57 -4.26
BARRETT_IC_12 23703	26.54 1.55 -5.14	22.11 1.19 -6.77	19.19 1.03 -6.57	17.90 0.99 -5.30	18.59 0.91 -5.96	19.06 1.13 -1.06	19.02 1.39 0.00	18.96 1.44 0.00	19.81 1.57 -0.84	21.12 1.69 -1.03	23.99 1.57 -3.79	24.67 1.59 -4.38	25.43 1.73 -4.03	25.50 1.75 -4.29	25.88 1.72 -4.41	25.84 1.87 -3.17	28.01 1.95 -5.08	29.99 2.00 -6.92	29.41 2.16 -3.70	28.46 1.95 -5.32	25.77 1.90 -2.46	25.46 1.87 -2.61	23.89 1.86 -2.28	22.77 1.57 -4.26
BARRETT_IC_2 23705	26.54 1.55 -5.14	22.11 1.19 -6.77	19.19 1.03 -6.57	17.90 0.99 -5.30	18.59 0.91 -5.96	19.06 1.13 -1.06	19.02 1.39 0.00	18.96 1.44 0.00	19.81 1.57 -0.84	21.12 1.69 -1.03	23.99 1.57 -3.79	24.67 1.59 -4.38	25.43 1.73 -4.03	25.50 1.75 -4.29	25.88 1.72 -4.41	25.84 1.87 -3.17	28.01 1.95 -5.08	29.99 2.00 -6.92	29.41 2.16 -3.70	28.46 1.95 -5.32	25.77 1.90 -2.46	25.46 1.87 -2.61	23.89 1.86 -2.28	22.77 1.57 -4.26
BARRETT_IC_3 23706	26.54 1.55 -5.14	22.11 1.19 -6.77	19.19 1.03 -6.57	17.90 0.99 -5.30	18.59 0.91 -5.96	19.06 1.13 -1.06	19.02 1.39 0.00	18.96 1.44 0.00	19.81 1.57 -0.84	21.12 1.69 -1.03	23.99 1.57 -3.79	24.67 1.59 -4.38	25.43 1.73 -4.03	25.50 1.75 -4.29	25.88 1.72 -4.41	25.84 1.87 -3.17	28.01 1.95 -5.08	29.99 2.00 -6.92	29.41 2.16 -3.70	28.46 1.95 -5.32	25.77 1.90 -2.46	25.46 1.87 -2.61	23.89 1.86 -2.28	22.77 1.57 -4.26
BARRETT_IC_4 23707	26.54 1.55 -5.14	22.11 1.19 -6.77	19.19 1.03 -6.57	17.90 0.99 -5.30	18.59 0.91 -5.96	19.06 1.13 -1.06	19.02 1.39 0.00	18.96 1.44 0.00	19.81 1.57 -0.84	21.12 1.69 -1.03	23.99 1.57 -3.79	24.67 1.59 -4.38	25.43 1.73 -4.03	25.50 1.75 -4.29	25.88 1.72 -4.41	25.84 1.87 -3.17	28.01 1.95 -5.08	29.99 2.00 -6.92	29.41 2.16 -3.70	28.46 1.95 -5.32	25.77 1.90 -2.46	25.46 1.87 -2.61	23.89 1.86 -2.28	22.77 1.57 -4.26
BARRETT_IC_5 23708	26.54 1.55 -5.14	22.11 1.19 -6.77	19.19 1.03 -6.57	17.90 0.99 -5.30	18.59 0.91 -5.96	19.06 1.13 -1.06	19.02 1.39 0.00	18.96 1.44 0.00	19.81 1.57 -0.84	21.12 1.69 -1.03	23.99 1.57 -3.79	24.67 1.59 -4.38	25.43 1.73 -4.03	25.50 1.75 -4.29	25.88 1.72 -4.41	25.84 1.87 -3.17	28.01 1.95 -5.08	29.99 2.00 -6.92	29.41 2.16 -3.70	28.46 1.95 -5.32	25.77 1.90 -2.46	25.46 1.87 -2.61	23.89 1.86 -2.28	22.77 1.57 -4.26
BARRETT_IC_6 23709	26.54 1.55 -5.14	22.11 1.19 -6.77	19.19 1.03 -6.57	17.90 0.99 -5.30	18.59 0.91 -5.96	19.06 1.13 -1.06	19.02 1.39 0.00	18.96 1.44 0.00	19.81 1.57 -0.84	21.12 1.69 -1.03	23.99 1.57 -3.79	24.67 1.59 -4.38	25.43 1.73 -4.03	25.50 1.75 -4.29	25.88 1.72 -4.41	25.84 1.87 -3.17	28.01 1.95 -5.08	29.99 2.00 -6.92	29.41 2.16 -3.70	28.46 1.95 -5.32	25.77 1.90 -2.46	25.46 1.87 -2.61	23.89 1.86 -2.28	22.77 1.57 -4.26
BARRETT_IC_7 23710	26.54 1.55 -5.14	22.10 1.19 -6.76	19.19 1.03 -6.57	17.90 0.99 -5.30	18.59 0.91 -5.96	19.16 1.23 -1.06	19.02 1.39 0.00	18.96 1.44 0.00	19.81 1.57 -0.84	21.11 1.69 -1.02	23.99 1.57 -3.79	24.67 1.59 -4.38	25.42 1.73 -4.03	25.50 1.75 -4.29	25.88 1.72 -4.41	25.84 1.87 -3.17	27.99 1.93 -5.08	29.99 2.00 -6.92	29.41 2.17 -3.70	28.44 1.93 -5.32	25.77 1.91 -2.46	25.46 1.87 -2.61	23.87 1.84 -2.28	22.77 1.57 -4.26

BARRETT_IC_8 23711	26.54 1.55 -5.14	22.11 1.19 -6.77	19.19 1.03 -6.57	17.90 0.99 -5.30	18.59 0.91 -5.96	19.06 1.13 -1.06	19.02 1.39 0.00	18.96 1.44 0.00	19.81 1.57 -0.84	21.12 1.69 -1.03	23.99 1.57 -3.79	24.67 1.59 -4.38	25.43 1.73 -4.03	25.50 1.75 -4.29	25.88 1.72 -4.41	25.84 1.87 -3.17	28.01 1.95 -5.08	29.99 2.00 -6.92	29.41 2.16 -3.70	28.46 1.95 -5.32	25.77 1.90 -2.46	25.46 1.87 -2.61	23.89 1.86 -2.28	22.77 1.57 -4.26
BARRETT_IC_9 23700	26.54 1.55 -5.14	22.11 1.19 -6.77	19.19 1.03 -6.57	17.90 0.99 -5.30	18.59 0.91 -5.96	19.06 1.13 -1.06	19.02 1.39 0.00	18.96 1.44 0.00	19.81 1.57 -0.84	21.12 1.69 -1.03	23.99 1.57 -3.79	24.67 1.59 -4.38	25.43 1.73 -4.03	25.50 1.75 -4.29	25.88 1.72 -4.41	25.84 1.87 -3.17	28.01 1.95 -5.08	29.99 2.00 -6.92	29.41 2.16 -3.70	28.46 1.95 -5.32	25.77 1.90 -2.46	25.46 1.87 -2.61	23.89 1.86 -2.28	22.77 1.57 -4.26
BARRETT___1 23545	26.54 1.55 -5.14	22.11 1.19 -6.77	19.19 1.03 -6.57	17.90 0.99 -5.30	18.59 0.91 -5.96	19.06 1.13 -1.06	19.02 1.39 0.00	18.96 1.44 0.00	19.81 1.57 -0.84	21.12 1.69 -1.03	23.99 1.57 -3.79	24.67 1.59 -4.38	25.43 1.73 -4.03	25.50 1.75 -4.29	25.88 1.72 -4.41	25.84 1.87 -3.17	28.01 1.95 -5.08	29.99 2.00 -6.92	29.41 2.16 -3.70	28.46 1.95 -5.32	25.77 1.90 -2.46	25.46 1.87 -2.61	23.89 1.86 -2.28	22.77 1.57 -4.26
BARRETT___2 23546	26.54 1.55 -5.14	22.11 1.19 -6.77	19.19 1.03 -6.57	17.90 0.99 -5.30	18.59 0.91 -5.96	19.06 1.13 -1.06	19.02 1.39 0.00	18.96 1.44 0.00	19.81 1.57 -0.84	21.12 1.69 -1.03	23.99 1.57 -3.79	24.67 1.59 -4.38	25.43 1.73 -4.03	25.50 1.75 -4.29	25.88 1.72 -4.41	25.84 1.87 -3.17	28.01 1.95 -5.08	29.99 2.00 -6.92	29.41 2.16 -3.70	28.46 1.95 -5.32	25.77 1.90 -2.46	25.46 1.87 -2.61	23.89 1.86 -2.28	22.77 1.57 -4.26
BATAVIA___115KV_TB1 55881	20.42 0.46 -0.11	15.32 0.51 -0.66	12.88 0.41 -0.88	12.77 0.45 -0.71	12.97 0.46 -0.80	17.54 0.47 -0.20	17.94 0.32 0.00	17.80 0.28 0.00	17.54 -0.02 -0.16	18.46 -0.06 -0.12	18.67 -0.09 -0.13	18.85 -0.09 -0.25	19.92 0.10 -0.15	19.88 0.08 -0.34	20.26 0.20 -0.32	21.25 0.31 -0.14	22.00 0.25 -0.77	22.85 0.51 -1.28	24.73 0.52 -0.67	22.45 0.53 -0.72	22.29 0.64 -0.24	21.41 0.36 -0.08	20.04 0.18 -0.11	18.18 0.81 -0.44
BAYONEEC___CTG1 323682	21.88 1.23 -0.80	20.00 0.92 -4.93	18.95 0.81 -6.55	17.71 0.80 -5.30	18.44 0.76 -5.96	18.98 1.05 -1.06	18.77 1.14 0.00	18.77 1.24 0.00	19.53 1.29 -0.84	20.42 1.40 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.14 1.67 -0.80	22.97 1.69 -1.81	23.14 1.68 -1.71	23.39 1.85 -0.74	27.04 1.91 -4.16	29.93 1.98 -6.89	29.30 2.16 -3.60	26.98 1.89 -3.90	24.52 1.82 -1.30	23.16 1.76 -0.42	22.01 1.68 -0.57	20.64 1.36 -2.35
BAYONEEC___CTG10 323750	21.88 1.23 -0.80	20.00 0.92 -4.93	18.95 0.81 -6.55	17.71 0.80 -5.30	18.44 0.76 -5.96	18.98 1.05 -1.06	18.77 1.14 0.00	18.77 1.24 0.00	19.53 1.29 -0.84	20.42 1.40 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.14 1.67 -0.80	22.97 1.69 -1.81	23.14 1.68 -1.71	23.39 1.85 -0.74	27.04 1.91 -4.16	29.93 1.98 -6.89	29.30 2.16 -3.60	26.98 1.89 -3.90	24.52 1.82 -1.30	23.16 1.76 -0.42	22.01 1.68 -0.57	20.64 1.36 -2.35
BAYONEEC___CTG2 323683	21.88 1.23 -0.80	20.00 0.92 -4.93	18.95 0.81 -6.55	17.71 0.80 -5.30	18.44 0.76 -5.96	18.98 1.05 -1.06	18.77 1.14 0.00	18.77 1.24 0.00	19.53 1.29 -0.84	20.42 1.40 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.14 1.67 -0.80	22.97 1.69 -1.81	23.14 1.68 -1.71	23.39 1.85 -0.74	27.04 1.91 -4.16	29.93 1.98 -6.89	29.30 2.16 -3.60	26.98 1.89 -3.90	24.52 1.82 -1.30	23.16 1.76 -0.42	22.01 1.68 -0.57	20.64 1.36 -2.35
BAYONEEC___CTG3 323684	21.88 1.23 -0.80	20.00 0.92 -4.93	18.95 0.81 -6.55	17.71 0.80 -5.30	18.44 0.76 -5.96	18.98 1.05 -1.06	18.77 1.14 0.00	18.77 1.24 0.00	19.53 1.29 -0.84	20.42 1.40 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.14 1.67 -0.80	22.97 1.69 -1.81	23.14 1.68 -1.71	23.39 1.85 -0.74	27.04 1.91 -4.16	29.93 1.98 -6.89	29.30 2.16 -3.60	26.98 1.89 -3.90	24.52 1.82 -1.30	23.16 1.76 -0.42	22.01 1.68 -0.57	20.64 1.36 -2.35
BAYONEEC___CTG4 323685	21.88 1.23 -0.80	20.00 0.92 -4.93	18.95 0.81 -6.55	17.71 0.80 -5.30	18.44 0.76 -5.96	18.98 1.05 -1.06	18.77 1.14 0.00	18.77 1.24 0.00	19.53 1.29 -0.84	20.42 1.40 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.14 1.67 -0.80	22.97 1.69 -1.81	23.14 1.68 -1.71	23.39 1.85 -0.74	27.04 1.91 -4.16	29.93 1.98 -6.89	29.30 2.16 -3.60	26.98 1.89 -3.90	24.52 1.82 -1.30	23.16 1.76 -0.42	22.01 1.68 -0.57	20.64 1.36 -2.35
BAYONEEC___CTG5 323686	21.88 1.23 -0.80	20.00 0.92 -4.93	18.95 0.81 -6.55	17.71 0.80 -5.30	18.44 0.76 -5.96	18.98 1.05 -1.06	18.77 1.14 0.00	18.77 1.24 0.00	19.53 1.29 -0.84	20.42 1.40 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.14 1.67 -0.80	22.97 1.69 -1.81	23.14 1.68 -1.71	23.39 1.85 -0.74	27.04 1.91 -4.16	29.93 1.98 -6.89	29.30 2.16 -3.60	26.98 1.89 -3.90	24.52 1.82 -1.30	23.16 1.76 -0.42	22.01 1.68 -0.57	20.64 1.36 -2.35
BAYONEEC___CTG6 323687	21.88 1.23 -0.80	20.00 0.92 -4.93	18.95 0.81 -6.55	17.71 0.80 -5.30	18.44 0.76 -5.96	18.98 1.05 -1.06	18.77 1.14 0.00	18.77 1.24 0.00	19.53 1.29 -0.84	20.42 1.40 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.14 1.67 -0.80	22.97 1.69 -1.81	23.14 1.68 -1.71	23.39 1.85 -0.74	27.04 1.91 -4.16	29.93 1.98 -6.89	29.30 2.16 -3.60	26.98 1.89 -3.90	24.52 1.82 -1.30	23.16 1.76 -0.42	22.01 1.68 -0.57	20.64 1.36 -2.35
BAYONEEC___CTG7 323688	21.88 1.23 -0.80	20.00 0.92 -4.93	18.95 0.81 -6.55	17.71 0.80 -5.30	18.44 0.76 -5.96	18.98 1.05 -1.06	18.77 1.14 0.00	18.77 1.24 0.00	19.53 1.29 -0.84	20.42 1.40 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.14 1.67 -0.80	22.97 1.69 -1.81	23.14 1.68 -1.71	23.39 1.85 -0.74	27.04 1.91 -4.16	29.93 1.98 -6.89	29.30 2.16 -3.60	26.98 1.89 -3.90	24.52 1.82 -1.30	23.16 1.76 -0.42	22.01 1.68 -0.57	20.64 1.36 -2.35
BAYONEEC___CTG8 323689	21.88 1.23 -0.80	20.00 0.92 -4.93	18.95 0.81 -6.55	17.71 0.80 -5.30	18.44 0.76 -5.96	18.98 1.05 -1.06	18.77 1.14 0.00	18.77 1.24 0.00	19.53 1.29 -0.84	20.42 1.40 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.14 1.67 -0.80	22.97 1.69 -1.81	23.14 1.68 -1.71	23.39 1.85 -0.74	27.04 1.91 -4.16	29.93 1.98 -6.89	29.30 2.16 -3.60	26.98 1.89 -3.90	24.52 1.82 -1.30	23.16 1.76 -0.42	22.01 1.68 -0.57	20.64 1.36 -2.35
BAYONEEC___CTG9 323749	21.88 1.23 -0.80	20.00 0.92 -4.93	18.95 0.81 -6.55	17.71 0.80 -5.30	18.44 0.76 -5.96	18.98 1.05 -1.06	18.77 1.14 0.00	18.77 1.24 0.00	19.53 1.29 -0.84	20.42 1.40 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.14 1.67 -0.80	22.97 1.69 -1.81	23.14 1.68 -1.71	23.39 1.85 -0.74	27.04 1.91 -4.16	29.93 1.98 -6.89	29.30 2.16 -3.60	26.98 1.89 -3.90	24.52 1.82 -1.30	23.16 1.76 -0.42	22.01 1.68 -0.57	20.64 1.36 -2.35

BEACON___LESR 323632	21.65 0.77 -1.02	21.02 0.55 -6.32	20.43 0.44 -8.40	18.83 0.43 -6.80	19.81 0.46 -7.64	18.95 0.72 -1.35	18.42 0.79 0.00	18.31 0.79 0.00	19.26 0.78 -1.07	20.02 0.83 -0.80	20.35 0.80 -0.91	21.20 0.80 -1.70	21.59 0.91 -1.02	22.69 0.91 -2.31	22.88 0.95 -2.18	22.76 1.02 -0.94	27.26 0.99 -5.29	30.89 1.05 -8.77	29.30 1.18 -4.58	27.22 1.06 -4.97	24.15 1.09 -1.65	22.49 0.99 -0.53	21.37 0.89 -0.73	20.65 0.73 -2.99
BEAVER RIVER___HYD 24048	19.35 -0.54 -0.03	13.88 -0.45 -0.18	11.51 -0.32 -0.24	11.37 -0.43 -0.20	11.51 -0.42 -0.22	16.47 -0.49 -0.09	17.08 -0.55 0.00	16.89 -0.63 0.00	16.91 -0.56 -0.07	17.80 -0.64 -0.05	17.93 -0.76 -0.06	18.01 -0.80 -0.11	18.87 -0.86 -0.07	18.76 -0.86 -0.15	19.02 -0.87 -0.14	20.05 -0.81 -0.06	20.55 -0.78 -0.35	21.06 -0.59 -0.58	23.35 -0.50 -0.30	21.01 -0.51 -0.33	21.09 -0.43 -0.11	20.34 -0.67 -0.04	19.07 -0.73 -0.05	16.69 -0.44 -0.20
BEEBEE_GT_13 23619	20.28 0.34 -0.09	15.10 0.38 -0.57	12.63 0.29 -0.76	12.54 0.32 -0.61	12.72 0.32 -0.69	17.42 0.37 -0.18	17.78 0.16 0.00	17.68 0.16 0.00	17.61 0.07 -0.14	18.57 0.07 -0.11	18.83 0.07 -0.12	19.02 0.09 -0.22	20.02 0.22 -0.13	19.96 0.19 -0.30	20.31 0.28 -0.29	21.26 0.33 -0.12	21.97 0.29 -0.70	22.70 0.48 -1.15	24.64 0.49 -0.60	22.31 0.47 -0.65	22.14 0.51 -0.22	21.34 0.29 -0.07	20.01 0.16 -0.10	17.97 0.64 -0.39
BENSHRST_27_KV_BENSHRST_1 355998	22.14 1.49 -0.80	20.16 1.08 -4.93	19.10 0.96 -6.55	17.84 0.93 -5.30	18.55 0.88 -5.96	19.08 1.15 -1.06	18.82 1.20 0.00	18.78 1.26 0.00	19.56 1.32 -0.84	20.49 1.47 -0.63	20.92 1.57 -0.72	21.64 1.61 -1.33	22.32 1.85 -0.80	23.14 1.87 -1.81	23.26 1.80 -1.71	23.50 1.96 -0.74	27.27 2.14 -4.16	30.12 2.17 -6.89	89.01 2.45 -63.02	27.21 2.12 -3.90	24.63 1.93 -1.30	23.28 1.89 -0.42	22.24 1.92 -0.57	20.86 1.57 -2.35
BETHLEHEM___GRP 23843	21.31 0.44 -1.02	20.79 0.31 -6.33	20.24 0.24 -8.41	18.67 0.26 -6.80	19.62 0.26 -7.65	18.66 0.44 -1.35	18.12 0.49 0.00	17.99 0.47 0.00	18.96 0.49 -1.07	19.71 0.52 -0.80	20.02 0.47 -0.92	20.87 0.47 -1.70	21.24 0.55 -1.02	22.34 0.56 -2.31	22.52 0.59 -2.18	22.37 0.62 -0.94	26.90 0.63 -5.30	30.52 0.67 -8.78	28.86 0.73 -4.59	26.84 0.68 -4.97	23.75 0.69 -1.66	22.12 0.61 -0.53	21.04 0.55 -0.73	20.37 0.44 -3.00
BETHLEHEM___GS1 323560	21.31 0.44 -1.02	20.79 0.31 -6.33	20.24 0.24 -8.41	18.67 0.26 -6.80	19.62 0.26 -7.65	18.66 0.44 -1.35	18.12 0.49 0.00	17.99 0.47 0.00	18.94 0.47 -1.07	19.71 0.51 -0.80	20.02 0.47 -0.92	20.87 0.47 -1.70	21.24 0.55 -1.02	22.34 0.56 -2.31	22.50 0.57 -2.18	22.37 0.62 -0.94	26.90 0.63 -5.30	30.52 0.67 -8.78	28.86 0.73 -4.59	26.84 0.68 -4.97	23.75 0.68 -1.66	22.12 0.61 -0.53	21.04 0.55 -0.73	20.37 0.44 -3.00
BETHLEHEM___GS2 323561	21.31 0.44 -1.02	20.79 0.31 -6.33	20.24 0.24 -8.41	18.67 0.26 -6.80	19.62 0.26 -7.65	18.66 0.44 -1.35	18.12 0.49 0.00	17.99 0.47 0.00	18.94 0.47 -1.07	19.71 0.51 -0.80	20.02 0.47 -0.92	20.87 0.47 -1.70	21.24 0.55 -1.02	22.34 0.56 -2.31	22.50 0.57 -2.18	22.37 0.62 -0.94	26.90 0.63 -5.30	30.52 0.67 -8.78	28.86 0.73 -4.59	26.84 0.68 -4.97	23.75 0.68 -1.66	22.12 0.61 -0.53	21.04 0.55 -0.73	20.37 0.44 -3.00
BETHLEHEM___GS3 323562	21.31 0.44 -1.02	20.79 0.31 -6.33	20.24 0.24 -8.41	18.67 0.26 -6.80	19.62 0.26 -7.65	18.66 0.44 -1.35	18.12 0.49 0.00	17.99 0.47 0.00	18.94 0.47 -1.07	19.71 0.51 -0.80	20.02 0.47 -0.92	20.87 0.47 -1.70	21.24 0.55 -1.02	22.34 0.56 -2.31	22.50 0.57 -2.18	22.37 0.62 -0.94	26.90 0.63 -5.30	30.52 0.67 -8.78	28.86 0.73 -4.59	26.84 0.68 -4.97	23.75 0.68 -1.66	22.12 0.61 -0.53	21.04 0.55 -0.73	20.37 0.44 -3.00
BETHLEHEM___STEEL 23779	20.04 0.06 -0.12	15.16 0.24 -0.77	12.85 0.23 -1.02	12.75 0.31 -0.83	12.94 0.29 -0.93	17.28 0.19 -0.22	17.89 0.26 0.00	17.75 0.23 0.00	17.26 -0.31 -0.17	18.17 -0.35 -0.13	18.35 -0.43 -0.15	18.56 -0.41 -0.27	19.62 -0.22 -0.16	19.58 -0.25 -0.37	20.02 -0.08 -0.35	21.02 0.06 -0.15	21.79 -0.04 -0.86	22.72 0.23 -1.42	24.35 0.07 -0.74	22.14 0.15 -0.80	21.89 0.21 -0.27	21.04 0.02 -0.09	19.74 -0.14 -0.12	17.92 0.51 -0.48
BETHLHEM_115KV_TB1 79974	21.35 0.48 -1.02	20.83 0.35 -6.33	20.27 0.28 -8.40	18.68 0.28 -6.80	19.65 0.29 -7.64	18.70 0.47 -1.35	18.15 0.53 0.00	18.03 0.51 0.00	18.99 0.52 -1.07	19.75 0.55 -0.80	20.05 0.50 -0.91	20.90 0.50 -1.70	21.30 0.61 -1.02	22.38 0.60 -2.31	22.56 0.63 -2.18	22.43 0.69 -0.94	26.94 0.67 -5.29	30.56 0.72 -8.78	28.92 0.80 -4.58	26.88 0.72 -4.97	23.81 0.75 -1.66	22.18 0.67 -0.53	21.10 0.61 -0.73	20.42 0.49 -2.99
BETHPAGE_CC_5 323564	26.78 1.79 -5.14	22.23 1.32 -6.76	19.30 1.14 -6.57	18.00 1.09 -5.30	18.68 1.01 -5.96	19.21 1.28 -1.06	19.16 1.53 0.00	19.10 1.58 0.00	19.95 1.71 -0.84	21.26 1.84 -1.02	24.27 1.85 -3.79	24.93 1.85 -4.38	25.80 2.03 -4.11	26.16 2.04 -4.66	26.63 2.07 -4.81	26.67 2.23 -3.64	29.06 2.29 -5.80	30.68 2.36 -7.25	30.56 2.57 -4.45	29.19 2.31 -5.69	26.61 2.27 -2.94	26.16 2.20 -2.98	24.53 2.13 -2.63	22.96 1.76 -4.26
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.98 0.00 -0.13	15.14 0.21 -0.78	12.84 0.21 -1.04	12.74 0.29 -0.84	12.93 0.27 -0.94	17.23 0.13 -0.22	17.92 0.30 0.00	17.77 0.25 0.00	17.23 -0.35 -0.18	18.14 -0.39 -0.13	18.32 -0.47 -0.15	18.53 -0.45 -0.28	19.60 -0.24 -0.17	19.55 -0.29 -0.38	20.00 -0.10 -0.36	21.00 0.04 -0.15	21.78 -0.06 -0.86	22.71 0.21 -1.43	24.34 0.05 -0.75	22.13 0.13 -0.81	21.87 0.19 -0.27	21.02 -0.04 -0.09	19.72 -0.16 -0.12	17.88 0.46 -0.49
BINGHAMTON___COGEN 23790	20.37 0.28 -0.24	15.90 0.30 -1.46	13.77 0.24 -1.93	13.44 0.27 -1.57	13.74 0.27 -1.76	17.55 0.32 -0.36	18.06 0.44 0.00	17.96 0.44 0.00	17.91 0.23 -0.28	18.84 0.24 -0.21	19.12 0.24 -0.24	19.39 0.24 -0.45	20.25 0.31 -0.27	20.34 0.27 -0.61	20.70 0.38 -0.58	21.51 0.46 -0.25	22.82 0.44 -1.40	23.99 0.61 -2.32	25.39 0.64 -1.21	23.06 0.55 -1.31	22.42 0.58 -0.44	21.54 0.42 -0.14	20.25 0.30 -0.19	18.23 0.51 -0.79
BIXINCNT_115KV_LOAD 355685	19.55 -0.44 -0.13	14.89 -0.08 -0.83	12.65 -0.03 -1.10	12.56 0.06 -0.89	12.76 0.05 -1.00	16.90 -0.20 -0.23	17.78 0.16 0.00	17.57 0.05 0.00	16.85 -0.73 -0.18	17.74 -0.79 -0.14	17.78 -1.01 -0.16	17.98 -1.01 -0.29	19.00 -0.85 -0.17	18.94 -0.91 -0.39	19.47 -0.65 -0.37	20.44 -0.52 -0.16	21.33 -0.55 -0.90	22.37 -0.19 -1.49	24.06 -0.26 -0.78	21.89 -0.15 -0.85	21.62 -0.06 -0.28	20.73 -0.34 -0.09	19.37 -0.51 -0.12	17.59 0.15 -0.51
BLACK RIVER___HYD 24047	19.68 -0.22 -0.04	14.21 -0.18 -0.25	11.78 -0.14 -0.33	11.66 -0.22 -0.27	11.82 -0.20 -0.30	16.78 -0.20 -0.11	17.38 -0.25 0.00	17.15 -0.37 0.00	17.10 -0.38 -0.08	17.98 -0.48 -0.06	18.15 -0.56 -0.07	18.24 -0.60 -0.13	19.08 -0.67 -0.08	18.98 -0.66 -0.18	19.27 -0.65 -0.17	20.25 -0.62 -0.07	20.83 -0.57 -0.42	21.46 -0.29 -0.69	23.78 -0.12 -0.36	21.48 -0.11 -0.39	21.45 -0.09 -0.13	20.68 -0.34 -0.04	19.36 -0.45 -0.06	17.00 -0.17 -0.23

BLACKRVR_115KV_TB2 79977	19.68 -0.22 -0.04	14.21 -0.18 -0.25	11.78 -0.14 -0.33	11.66 -0.22 -0.27	11.82 -0.20 -0.30	16.76 -0.22 -0.11	17.38 -0.25 0.00	17.15 -0.37 0.00	17.10 -0.38 -0.08	17.98 -0.48 -0.06	18.15 -0.56 -0.07	18.24 -0.60 -0.13	19.08 -0.67 -0.08	18.98 -0.66 -0.18	19.27 -0.65 -0.17	20.25 -0.62 -0.07	20.83 -0.57 -0.42	21.46 -0.29 -0.69	23.78 -0.12 -0.36	21.48 -0.11 -0.39	21.45 -0.09 -0.13	20.68 -0.34 -0.04	19.32 -0.49 -0.06	17.00 -0.17 -0.23
BLISS_WT_PWR 323608	19.45 -0.54 -0.13	14.82 -0.16 -0.83	12.60 -0.09 -1.10	12.51 0.01 -0.89	12.70 -0.01 -1.00	16.87 -0.24 -0.23	17.69 0.07 0.00	17.47 -0.05 0.00	16.75 -0.83 -0.18	17.63 -0.90 -0.14	17.65 -1.14 -0.16	17.85 -1.14 -0.29	18.74 -1.10 -0.17	18.78 -1.07 -0.39	19.33 -0.79 -0.37	20.29 -0.67 -0.16	21.21 -0.67 -0.90	22.26 -0.29 -1.49	23.99 -0.33 -0.78	21.83 -0.21 -0.85	21.58 -0.11 -0.28	20.67 -0.40 -0.09	19.29 -0.59 -0.12	17.53 0.09 -0.51
BLUE_CIRC_CHEM_DRP 24182	21.63 0.77 -1.00	20.91 0.55 -0.62	20.29 0.45 -0.82	18.73 0.45 -0.67	19.68 0.47 -0.75	18.92 0.73 -1.33	18.42 0.79 0.00	18.28 0.75 0.00	19.18 0.73 -1.05	19.93 0.75 -0.79	20.28 0.75 -0.90	21.10 0.73 -1.67	21.51 0.85 -1.00	22.57 0.84 -0.22	22.76 0.87 -0.21	22.66 0.94 -0.93	27.10 0.92 -0.90	30.67 0.99 -0.99	29.15 1.11 -0.99	27.09 1.02 -0.99	24.08 1.05 -1.62	22.44 0.94 -0.52	21.34 0.87 -0.71	20.61 0.75 -0.94
BOC_GAS_DRP 24189	21.47 0.60 -1.02	20.89 0.44 -0.63	20.33 0.37 -0.83	18.74 0.36 -0.67	19.70 0.37 -0.76	18.79 0.57 -1.35	18.24 0.62 0.00	18.12 0.60 0.00	19.08 0.61 -1.07	19.83 0.64 -0.80	20.18 0.63 -0.91	21.03 0.64 -1.69	21.43 0.75 -1.01	22.50 0.74 -0.23	22.69 0.77 -0.21	22.57 0.83 -0.94	27.07 0.82 -0.94	30.67 0.86 -0.94	29.07 0.97 -0.97	27.01 0.87 -0.95	23.93 0.88 -1.65	22.32 0.82 -0.53	21.23 0.75 -0.72	20.54 0.63 -0.98
BOONVILLE_115KV_TB1 79983	20.02 0.14 -0.03	14.38 0.07 -0.16	11.89 0.09 -0.21	11.77 -0.01 -0.17	11.94 0.04 -0.19	17.10 0.13 -0.10	17.75 0.12 0.00	17.57 0.05 0.00	17.53 0.05 -0.08	18.47 0.02 -0.06	18.66 -0.04 -0.07	18.77 -0.06 -0.12	19.68 -0.06 -0.07	19.55 -0.08 -0.17	19.87 -0.04 -0.16	20.91 0.04 -0.07	21.42 0.06 -0.38	21.97 0.27 -0.63	24.25 0.38 -0.33	21.85 0.30 -0.36	21.85 0.32 -0.12	21.12 0.10 -0.04	19.77 -0.04 -0.05	17.37 0.22 -0.22
BORALEX_4TH_BRANCH 23824	21.92 1.05 -1.02	21.20 0.75 -0.63	20.54 0.58 -0.83	18.97 0.59 -0.67	19.90 0.57 -0.76	19.09 0.88 -1.35	18.50 0.88 0.00	18.43 0.91 0.00	19.41 0.94 -1.07	20.18 0.99 -0.80	20.53 0.99 -0.91	21.36 0.97 -1.69	21.78 1.10 -1.01	22.89 1.13 -0.23	23.15 1.22 -0.21	22.97 1.23 -0.94	27.49 1.24 -0.94	31.10 1.29 -0.94	29.57 1.46 -0.94	27.46 1.31 -0.95	24.41 1.35 -1.65	22.79 1.28 -0.53	21.69 1.21 -0.72	20.86 0.95 -0.98
BOWLINE___1 23526	21.57 0.95 -0.77	19.65 0.76 -0.74	18.56 0.67 -0.63	17.36 0.66 -0.59	18.08 0.64 -0.73	18.75 0.86 -1.02	18.57 0.95 0.00	18.54 1.02 0.00	19.24 1.03 -0.81	20.10 1.10 -0.60	20.50 1.17 -0.69	21.16 1.18 -1.28	21.74 1.30 -0.77	22.53 1.32 -1.74	22.76 1.36 -1.65	22.99 1.48 -0.71	26.44 1.47 -0.40	29.21 1.52 -0.63	28.60 1.60 -0.36	26.39 1.44 -0.37	24.13 1.48 -1.25	22.82 1.45 -0.40	21.63 1.32 -0.55	20.24 1.05 -0.26
BOWLINE___2 23595	21.59 0.97 -0.77	19.65 0.76 -0.74	18.56 0.67 -0.63	17.36 0.66 -0.59	18.07 0.63 -0.73	18.75 0.86 -1.02	18.57 0.95 0.00	18.54 1.02 0.00	19.24 1.03 -0.81	20.10 1.10 -0.60	20.50 1.17 -0.69	21.18 1.20 -1.28	21.76 1.32 -0.77	22.53 1.32 -1.75	22.76 1.36 -1.65	22.99 1.48 -0.71	26.44 1.47 -0.40	29.21 1.52 -0.63	28.63 1.62 -0.36	26.41 1.46 -0.37	24.15 1.50 -1.25	22.85 1.47 -0.40	21.65 1.34 -0.55	20.28 1.08 -0.26
BRADY___115KV_TB2 356060	19.14 -0.71 0.00	13.59 -0.55 0.00	11.11 -0.48 0.00	11.08 -0.52 0.00	11.21 -0.50 0.00	16.41 -0.49 -0.03	17.10 -0.53 0.00	16.94 -0.58 0.00	16.92 -0.50 -0.02	17.84 -0.57 -0.02	18.06 -0.60 -0.02	18.14 -0.60 -0.04	18.92 -0.77 -0.02	18.87 -0.64 -0.05	19.05 -0.75 -0.05	19.93 -0.89 -0.02	20.22 -0.88 -0.12	20.32 -0.95 -0.20	22.70 -0.94 -0.10	20.52 -0.78 -0.11	20.61 -0.83 -0.04	20.23 -0.76 -0.01	19.14 -0.63 -0.02	16.27 -0.73 -0.07
BRANSCOMB___SOLAR 323811	22.24 1.33 -1.05	21.61 0.93 -0.63	21.00 0.74 -0.87	19.36 0.74 -0.71	20.35 0.75 -0.78	19.41 1.15 -1.39	18.82 1.20 0.00	18.73 1.21 0.00	19.67 1.17 -1.11	20.43 1.21 -0.83	20.79 1.21 -0.94	21.61 1.16 -1.75	22.00 1.28 -1.05	23.11 1.26 -0.23	23.38 1.38 -0.25	23.27 1.50 -0.97	27.95 1.51 -0.97	31.70 1.58 -0.95	30.08 1.81 -0.94	27.97 1.65 -0.94	24.83 1.71 -1.71	23.08 1.55 -0.55	21.91 1.40 -0.75	21.19 1.17 -0.09
BRENTWOD_69_KV_W. BRTWOOD 56703	26.98 1.99 -5.14	22.38 1.47 -0.67	19.42 1.26 -0.57	18.14 1.23 -0.53	18.79 1.11 -0.96	19.43 1.50 -1.06	19.33 1.71 0.00	19.26 1.73 0.00	20.12 1.88 -0.84	21.44 2.02 -1.02	24.46 2.03 -0.37	25.14 2.06 -0.43	26.40 2.26 -0.47	27.95 2.24 -0.62	28.54 2.27 -0.57	28.95 2.45 -0.70	32.39 2.50 -0.82	32.78 2.57 -0.94	34.08 2.82 -0.77	31.00 2.54 -0.72	28.94 2.55 -0.99	27.99 2.45 -0.45	26.35 2.41 -0.41	23.21 2.01 -0.26
BRISTLHL_115KV_TB1 79998	19.90 -0.02 -0.06	14.58 0.04 -0.39	12.13 0.02 -0.51	12.05 0.02 -0.42	12.22 0.04 -0.47	17.06 0.05 -0.14	17.71 0.09 0.00	17.63 0.11 0.00	17.53 0.02 -0.11	18.49 0.02 -0.08	18.77 0.04 -0.09	18.89 0.02 -0.17	19.79 0.02 -0.10	19.64 -0.06 -0.24	19.95 -0.02 -0.22	20.92 0.02 -0.10	21.52 0.00 -0.54	22.09 0.13 -0.90	24.17 0.16 -0.47	21.83 0.13 -0.51	21.73 0.15 -0.17	21.03 0.00 -0.05	19.75 -0.08 -0.07	17.44 0.20 -0.31
BROOKHAVEN___DRP 24191	27.12 2.12 -5.14	22.47 1.56 -0.67	19.50 1.34 -0.57	18.23 1.32 -0.53	18.85 1.17 -0.96	19.52 1.59 -1.06	19.44 1.82 0.00	19.36 1.84 0.00	20.23 1.98 -0.84	21.53 2.12 -1.02	24.55 2.12 -0.37	25.26 2.17 -0.43	28.01 2.40 -0.59	34.64 2.39 -12.79	35.71 2.43 -13.53	37.55 2.62 -14.13	45.36 2.66 -21.71	40.29 2.76 -16.46	47.68 3.04 -21.11	37.66 2.73 -13.74	37.54 2.72 -13.41	34.68 2.64 -11.06	32.85 2.57 -10.52	23.34 2.15 -0.46
BROOKLYN_NAVY_YARD 23515	21.88 1.23 -0.80	20.00 0.92 -0.93	18.95 0.81 -0.55	17.70 0.79 -0.53	18.44 0.76 -0.96	18.96 1.03 -1.06	18.77 1.14 0.00	18.77 1.24 0.00	19.55 1.31 -0.84	20.44 1.42 -0.63	20.79 1.43 -0.72	21.51 1.48 -1.33	22.12 1.65 -0.80	22.97 1.69 -1.81	23.14 1.68 -1.71	23.37 1.83 -0.74	27.04 1.91 -0.41	29.93 1.98 -0.68	29.30 2.16 -0.36	26.98 1.89 -0.90	24.52 1.82 -1.30	23.13 1.74 -0.42	22.03 1.70 -0.57	20.64 1.36 -0.35
BROOKLYN___ARMY_DRP 323595	22.04 1.39 -0.80	20.10 1.02 -0.93	19.05 0.90 -0.55	17.79 0.88 -0.53	18.51 0.83 -0.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.49 1.25 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.22 1.75 -0.80	23.05 1.77 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -0.41	30.00 2.04 -0.68	88.89 2.33 -63.02	27.08 1.99 -0.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.15 1.82 -0.57	20.77 1.49 -0.35

BROOKVLE_69_KV_TB1 55790	26.62 1.63 -5.14	22.11 1.20 -6.76	19.20 1.04 -6.57	17.91 1.00 -5.30	18.61 0.94 -5.96	19.21 1.28 -1.06	19.05 1.43 0.00	19.01 1.49 0.00	19.83 1.58 -0.84	21.13 1.71 -1.02	24.18 1.75 -3.79	24.87 1.80 -4.38	25.70 1.99 -4.05	25.86 2.00 -4.39	26.31 2.03 -4.52	26.30 2.20 -3.30	28.50 2.24 -5.28	30.36 2.34 -6.95	29.99 2.54 -3.91	28.86 2.25 -5.42	26.20 2.20 -2.59	25.81 2.12 -2.71	24.13 2.00 -2.38	22.84 1.64 -4.26
BROOME_2_LFGE 323671	20.39 0.30 -0.24	15.90 0.30 -1.46	13.77 0.24 -1.93	13.44 0.27 -1.57	13.74 0.27 -1.76	17.53 0.30 -0.36	18.06 0.44 0.00	17.96 0.44 0.00	17.91 0.23 -0.28	18.84 0.24 -0.21	19.12 0.24 -0.24	19.39 0.24 -0.45	20.21 0.28 -0.27	20.34 0.27 -0.61	20.70 0.37 -0.58	21.51 0.46 -0.25	22.82 0.44 -1.40	23.99 0.61 -2.32	25.39 0.64 -1.21	23.06 0.55 -1.31	22.42 0.58 -0.44	21.54 0.42 -0.14	20.26 0.32 -0.19	18.23 0.51 -0.79
BROOME__LFGE 323600	20.39 0.30 -0.24	15.90 0.30 -1.46	13.77 0.24 -1.93	13.44 0.27 -1.57	13.74 0.27 -1.76	17.53 0.30 -0.36	18.06 0.44 0.00	17.96 0.44 0.00	17.91 0.23 -0.28	18.84 0.24 -0.21	19.12 0.24 -0.24	19.39 0.24 -0.45	20.21 0.28 -0.27	20.34 0.27 -0.61	20.70 0.37 -0.58	21.51 0.46 -0.25	22.82 0.44 -1.40	23.99 0.61 -2.32	25.39 0.64 -1.21	23.06 0.55 -1.31	22.42 0.58 -0.44	21.54 0.42 -0.14	20.26 0.32 -0.19	18.23 0.51 -0.79
BROWNFLS_115KV_TB_3_5 80003	18.84 -1.03 -0.02	13.47 -0.81 -0.13	11.12 -0.64 -0.17	11.04 -0.71 -0.14	11.16 -0.71 -0.16	16.08 -0.86 -0.07	16.71 -0.92 0.00	16.54 -0.98 0.00	16.57 -0.89 -0.05	17.46 -0.97 -0.04	17.60 -1.08 -0.04	17.70 -1.08 -0.08	18.48 -1.24 -0.05	18.43 -1.15 -0.11	18.61 -1.24 -0.11	19.56 -1.29 -0.05	19.98 -1.26 -0.26	20.34 -1.16 -0.43	22.61 -1.15 -0.23	20.38 -1.06 -0.24	20.44 -1.05 -0.08	19.85 -1.15 -0.03	18.67 -1.13 -0.04	16.16 -0.91 -0.15
BROWNSV1_27_KV_LOAD 356125	22.06 1.41 -0.80	20.13 1.05 -4.93	19.06 0.92 -6.55	17.80 0.89 -5.30	18.53 0.86 -5.96	19.11 1.18 -1.06	18.91 1.29 0.00	18.91 1.38 0.00	19.67 1.43 -0.84	20.57 1.55 -0.63	20.96 1.60 -0.72	21.68 1.65 -1.33	22.34 1.87 -0.80	23.14 1.87 -1.81	23.32 1.86 -1.71	23.56 2.02 -0.74	27.25 2.12 -4.16	30.14 2.19 -6.89	29.52 2.38 -3.60	27.19 2.10 -3.90	24.72 2.01 -1.30	23.32 1.93 -0.42	22.18 1.86 -0.57	20.79 1.51 -2.35
BURROWS__LYONSDAL 23803	19.88 0.00 -0.03	14.27 -0.04 -0.17	11.81 0.00 -0.22	11.68 -0.10 -0.18	11.84 -0.07 -0.20	16.95 -0.02 -0.10	17.59 -0.04 0.00	17.42 -0.11 0.00	17.41 -0.07 -0.08	18.32 -0.13 -0.06	18.49 -0.20 -0.07	18.58 -0.24 -0.12	19.49 -0.26 -0.07	19.37 -0.25 -0.16	19.67 -0.24 -0.16	20.74 -0.12 -0.07	21.25 -0.10 -0.38	21.77 0.08 -0.62	24.08 0.21 -0.33	21.65 0.11 -0.35	21.70 0.17 -0.12	20.93 -0.08 -0.04	19.61 -0.20 -0.05	17.23 0.08 -0.21
CAITHNESS_CC_1 323624	27.02 2.03 -5.14	22.40 1.48 -6.76	19.46 1.30 -6.57	18.19 1.28 -5.30	18.80 1.12 -5.96	19.40 1.47 -1.06	19.37 1.75 0.00	19.29 1.77 0.00	20.16 1.91 -0.84	21.46 2.04 -1.02	24.47 2.05 -3.79	25.18 2.09 -4.38	27.88 2.28 -5.93	34.50 2.30 -12.74	35.54 2.31 -13.48	37.37 2.49 -14.08	45.10 2.50 -21.63	40.16 2.63 -16.47	47.45 2.89 -21.01	37.51 2.63 -13.69	37.37 2.61 -13.36	34.50 2.52 -11.01	32.71 2.47 -10.48	23.26 2.06 -4.26
CALPINE BETH_PAGE_GT4 24209	26.76 1.77 -5.14	22.21 1.30 -6.76	19.28 1.12 -6.57	18.00 1.09 -5.30	18.67 1.00 -5.96	19.28 1.35 -1.06	19.16 1.53 0.00	19.10 1.58 0.00	19.95 1.71 -0.84	21.26 1.84 -1.02	24.27 1.84 -3.79	24.91 1.83 -4.38	25.76 1.99 -4.10	26.08 2.00 -4.62	26.53 2.01 -4.77	26.57 2.18 -3.59	28.94 2.24 -5.72	30.57 2.32 -7.19	30.43 2.52 -4.37	29.09 2.25 -5.65	26.52 2.23 -2.88	26.08 2.16 -2.94	24.43 2.07 -2.59	22.90 1.71 -4.26
CALPINE_BETH_PAGE_GT_4 323586	26.76 1.77 -5.14	22.21 1.30 -6.77	19.28 1.12 -6.57	18.00 1.09 -5.30	18.67 1.00 -5.96	19.20 1.27 -1.06	19.16 1.53 0.00	19.10 1.58 0.00	19.95 1.71 -0.84	21.26 1.84 -1.02	24.27 1.85 -3.79	24.91 1.83 -4.38	25.74 1.97 -4.10	26.08 2.00 -4.62	26.53 2.02 -4.77	26.57 2.18 -3.59	28.94 2.25 -5.72	30.57 2.32 -7.19	30.43 2.52 -4.37	29.11 2.27 -5.65	26.52 2.23 -2.88	26.08 2.16 -2.94	24.43 2.07 -2.59	22.90 1.71 -4.26
CALPINE_BP_GT1 23823	26.76 1.77 -5.14	22.21 1.30 -6.77	19.28 1.12 -6.57	18.00 1.09 -5.30	18.67 1.00 -5.96	19.20 1.27 -1.06	19.16 1.53 0.00	19.10 1.58 0.00	19.95 1.71 -0.84	21.26 1.84 -1.02	24.27 1.85 -3.79	24.91 1.83 -4.38	25.74 1.97 -4.10	26.08 2.00 -4.62	26.53 2.02 -4.77	26.57 2.18 -3.59	28.94 2.25 -5.72	30.57 2.32 -7.19	30.43 2.52 -4.37	29.11 2.27 -5.65	26.52 2.23 -2.88	26.08 2.16 -2.94	24.43 2.07 -2.59	22.90 1.71 -4.26
CALSPAN__DRP 24200	20.04 0.06 -0.12	15.16 0.24 -0.77	12.85 0.23 -1.02	12.75 0.31 -0.83	12.94 0.29 -0.93	17.28 0.19 -0.22	17.89 0.26 0.00	17.75 0.23 0.00	17.26 -0.31 -0.17	18.17 -0.35 -0.13	18.35 -0.43 -0.15	18.56 -0.41 -0.27	19.62 -0.22 -0.16	19.58 -0.25 -0.37	20.02 -0.08 -0.35	21.02 0.06 -0.15	21.79 -0.04 -0.86	22.72 0.23 -1.42	24.35 0.07 -0.74	22.14 0.15 -0.80	21.89 0.21 -0.27	21.04 -0.02 -0.09	19.74 -0.14 -0.12	17.92 0.51 -0.48
CALVERTON__SOLAR 323806	27.24 2.24 -5.14	22.54 1.63 -6.76	19.57 1.41 -6.57	18.30 1.39 -5.30	18.92 1.24 -5.96	19.57 1.64 -1.06	19.53 1.90 0.00	19.43 1.91 0.00	20.31 2.07 -0.84	21.62 2.21 -1.02	24.64 2.22 -3.79	25.37 2.28 -4.38	28.09 2.48 -5.95	34.78 2.51 -12.81	35.85 2.55 -13.55	37.72 2.77 -14.16	45.50 2.77 -21.75	40.46 2.93 -16.47	47.91 3.23 -21.15	37.85 2.90 -13.76	37.72 2.87 -13.44	34.84 2.79 -11.07	33.01 2.71 -10.54	23.45 2.25 -4.26
CANDIGU_WT_PWR 323617	20.04 0.02 -0.16	15.34 0.18 -1.01	13.11 0.17 -1.34	12.91 0.22 -1.09	13.16 0.22 -1.22	17.27 0.13 -0.27	17.92 0.30 0.00	17.80 0.28 0.00	17.47 -0.14 -0.21	18.39 -0.17 -0.16	18.55 -0.26 -0.18	18.76 -0.28 -0.34	19.63 -0.24 -0.20	19.72 -0.19 -0.46	20.16 -0.02 -0.43	21.07 0.08 -0.19	22.09 0.06 -1.05	23.13 0.34 -1.74	24.78 0.33 -0.91	22.51 0.34 -0.98	22.16 0.43 -0.33	21.27 0.19 -0.11	19.92 0.02 -0.14	18.00 0.47 -0.59
CARR STREET_E_SYR 24060	20.00 0.08 -0.07	14.68 0.10 -0.43	12.24 0.08 -0.57	12.15 0.08 -0.46	12.33 0.09 -0.52	17.14 0.12 -0.15	17.78 0.16 0.00	17.70 0.18 0.00	17.61 0.09 -0.12	18.57 0.09 -0.09	18.85 0.11 -0.10	19.00 0.11 -0.19	19.88 0.10 -0.11	19.78 0.06 -0.26	20.09 0.10 -0.24	21.05 0.15 -0.10	21.71 0.15 -0.59	22.31 0.27 -0.97	24.35 0.31 -0.51	21.98 0.23 -0.55	21.85 0.26 -0.18	21.14 0.11 -0.06	19.88 0.04 -0.08	17.55 0.29 -0.33
CARTHAGE__PAPER 23857	19.45 -0.44 -0.04	14.00 -0.37 -0.22	11.61 -0.28 -0.30	11.49 -0.36 -0.24	11.62 -0.36 -0.27	16.58 -0.39 -0.10	17.17 -0.46 0.00	16.96 -0.56 0.00	16.96 -0.52 -0.08	17.83 -0.63 -0.06	17.97 -0.73 -0.07	18.06 -0.77 -0.13	18.92 -0.83 -0.08	18.82 -0.82 -0.17	19.08 -0.83 -0.16	20.08 -0.79 -0.07	20.61 -0.75 -0.39	21.18 -0.53 -0.65	23.50 -0.38 -0.34	21.20 -0.36 -0.37	21.21 -0.32 -0.12	20.45 -0.57 -0.04	19.18 -0.63 -0.05	16.78 -0.37 -0.22

CASSADAGA_WT_PWR 323784	20.18 0.20 -0.13	15.34 0.38 -0.81	13.04 0.38 -1.07	13.04 0.57 -0.87	13.24 0.55 -0.98	17.62 0.52 -0.23	18.28 0.65 0.00	18.20 0.68 0.00	17.58 0.00 -0.18	18.45 -0.07 -0.13	18.56 -0.22 -0.15	18.78 -0.21 -0.28	19.76 -0.08 -0.17	19.83 -0.02 -0.39	20.29 0.18 -0.37	21.33 0.37 -0.16	22.16 0.29 -0.89	23.16 0.63 -1.47	24.80 0.50 -0.77	22.62 0.59 -0.83	22.37 0.68 -0.28	21.59 0.52 -0.09	20.21 0.34 -0.12	18.28 0.85 -0.50
CE_DUNWOOD___DRP 24194	21.80 1.15 -0.80	19.93 0.86 -4.92	18.88 0.75 -6.54	17.65 0.75 -5.29	18.37 0.71 -5.94	18.92 1.00 -1.06	18.70 1.08 0.00	18.66 1.14 0.00	19.42 1.18 -0.84	20.29 1.27 -0.63	20.67 1.32 -0.72	21.39 1.37 -1.33	21.98 1.51 -0.80	22.81 1.54 -1.81	23.00 1.54 -1.71	23.22 1.68 -0.74	26.84 1.72 -4.15	29.73 1.79 -6.87	29.08 1.95 -3.59	26.80 1.72 -3.89	24.39 1.69 -1.30	23.03 1.64 -0.42	21.85 1.52 -0.57	20.51 1.24 -2.34
CE_MILLWOOD___DRP 24193	21.74 1.09 -0.79	19.88 0.83 -4.90	18.82 0.73 -6.50	17.59 0.72 -5.26	18.32 0.69 -5.91	18.87 0.94 -1.05	18.65 1.02 0.00	18.63 1.10 0.00	19.37 1.13 -0.84	20.23 1.21 -0.62	20.61 1.27 -0.71	21.31 1.29 -1.32	21.92 1.46 -0.79	22.72 1.46 -1.80	22.93 1.48 -1.70	23.14 1.60 -0.74	26.76 1.66 -4.12	29.63 1.73 -6.84	28.97 1.86 -3.57	26.69 1.63 -3.87	24.32 1.63 -1.29	22.96 1.57 -0.41	21.77 1.44 -0.57	20.45 1.19 -2.33
CE_NYC2_DRP 24202	21.96 1.31 -0.80	20.04 0.96 -4.93	19.00 0.86 -6.55	17.76 0.85 -5.30	18.48 0.81 -5.96	19.01 1.08 -1.06	18.77 1.15 0.00	18.73 1.21 0.00	19.49 1.25 -0.84	20.42 1.40 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.18 1.71 -0.80	23.01 1.73 -1.81	23.14 1.68 -1.71	23.37 1.83 -0.74	27.08 1.95 -4.16	29.93 1.98 -6.89	29.37 2.24 -3.60	27.02 1.93 -3.90	24.50 1.80 -1.30	23.16 1.76 -0.42	22.07 1.74 -0.57	20.70 1.42 -2.35
CE_NYC_DRP 24195	21.90 1.25 -0.80	20.01 0.93 -4.93	18.97 0.82 -6.55	17.72 0.81 -5.30	18.45 0.77 -5.96	19.00 1.06 -1.06	18.79 1.16 0.00	18.78 1.26 0.00	19.55 1.30 -0.84	20.44 1.42 -0.63	20.82 1.47 -0.72	21.55 1.51 -1.33	22.16 1.69 -0.80	22.99 1.71 -1.81	23.16 1.70 -1.71	23.41 1.87 -0.74	27.06 1.93 -4.16	29.96 2.00 -6.89	29.30 2.17 -3.60	27.00 1.91 -3.90	24.55 1.84 -1.30	23.16 1.76 -0.42	22.03 1.70 -0.57	20.65 1.37 -2.35
CHAFFEE___LFGE 323603	20.04 0.06 -0.13	15.17 0.23 -0.80	12.87 0.22 -1.06	12.77 0.30 -0.86	12.97 0.29 -0.97	17.25 0.15 -0.22	17.90 0.28 0.00	17.78 0.26 0.00	17.27 -0.31 -0.18	18.18 -0.35 -0.13	18.36 -0.43 -0.15	18.57 -0.41 -0.28	19.52 -0.32 -0.17	19.59 -0.25 -0.38	20.05 -0.06 -0.36	21.04 0.08 -0.16	21.84 -0.02 -0.88	22.77 0.25 -1.46	24.40 0.09 -0.76	22.19 0.17 -0.82	21.94 0.26 -0.27	21.09 0.02 -0.09	19.76 -0.12 -0.12	17.92 0.49 -0.50
CHATEAUG_35_KV_LOAD 355732	18.78 -1.07 0.00	13.37 -0.78 0.00	10.93 -0.66 0.00	10.98 -0.63 0.00	10.99 -0.73 0.00	15.93 -0.96 -0.03	16.60 -1.02 0.00	16.52 -1.00 0.00	16.53 -0.89 -0.02	17.43 -0.97 -0.01	17.61 -1.04 -0.02	17.67 -1.07 -0.03	18.43 -1.26 -0.02	18.36 -1.15 -0.04	18.52 -1.26 -0.04	19.40 -1.41 -0.02	19.78 -1.30 -0.10	19.90 -1.33 -0.16	22.31 -1.32 -0.09	20.16 -1.12 -0.09	20.24 -1.20 -0.03	19.79 -1.20 -0.01	18.70 -1.07 -0.01	15.89 -1.10 -0.06
CHATEAUG_WT_PWR 323614	18.78 -1.07 0.00	13.38 -0.76 0.00	10.94 -0.65 0.00	10.99 -0.62 0.00	11.00 -0.71 0.00	16.03 -0.86 -0.02	16.62 -1.00 0.00	16.52 -1.00 0.00	16.53 -0.89 -0.02	17.43 -0.98 -0.01	17.63 -1.02 -0.02	17.67 -1.07 -0.03	18.49 -1.20 -0.02	18.35 -1.15 -0.04	18.50 -1.28 -0.04	19.40 -1.42 -0.02	19.77 -1.30 -0.09	19.91 -1.31 -0.15	22.33 -1.29 -0.08	20.16 -1.12 -0.09	20.22 -1.22 -0.03	19.79 -1.19 -0.01	18.68 -1.09 -0.01	15.90 -1.08 -0.05
CHAT_HIGH_FALL_HYD 323578	18.78 -1.07 0.00	13.37 -0.78 0.00	10.93 -0.66 0.00	10.98 -0.63 0.00	10.99 -0.73 0.00	16.02 -0.88 -0.03	16.60 -1.02 0.00	16.52 -1.00 0.00	16.53 -0.89 -0.02	17.43 -0.98 -0.01	17.61 -1.04 -0.02	17.67 -1.07 -0.03	18.49 -1.20 -0.02	18.36 -1.15 -0.04	18.52 -1.26 -0.04	19.40 -1.42 -0.02	19.78 -1.30 -0.10	19.90 -1.33 -0.16	22.31 -1.32 -0.09	20.16 -1.12 -0.09	20.24 -1.20 -0.03	19.79 -1.19 -0.01	18.68 -1.09 -0.01	15.89 -1.10 -0.06
CHAUTAUQUA___LFGE 323629	20.22 0.24 -0.13	15.34 0.40 -0.80	13.02 0.37 -1.06	12.97 0.51 -0.85	13.14 0.47 -0.96	17.52 0.42 -0.22	18.12 0.49 0.00	18.03 0.51 0.00	17.53 -0.05 -0.18	18.43 -0.09 -0.13	18.60 -0.19 -0.15	18.81 -0.17 -0.28	19.76 -0.08 -0.17	19.84 0.00 -0.38	20.31 0.20 -0.36	21.31 0.35 -0.16	22.12 0.27 -0.88	23.08 0.57 -1.45	24.72 0.42 -0.76	22.50 0.49 -0.82	22.24 0.56 -0.27	21.40 0.33 -0.09	20.07 0.20 -0.12	18.15 0.73 -0.49
CHERRYST_13_KV_LD 356241	21.96 1.31 -0.80	20.06 0.98 -4.93	19.00 0.86 -6.55	17.76 0.85 -5.30	18.48 0.81 -5.96	19.05 1.11 -1.06	18.84 1.22 0.00	18.84 1.31 0.00	19.60 1.36 -0.84	20.51 1.49 -0.63	20.88 1.53 -0.72	21.60 1.57 -1.33	22.24 1.77 -0.80	23.07 1.79 -1.81	23.22 1.76 -1.71	23.48 1.93 -0.74	27.15 2.01 -4.16	30.04 2.09 -6.89	29.40 2.26 -3.60	27.08 1.99 -3.90	24.61 1.91 -1.30	23.22 1.82 -0.42	22.09 1.76 -0.57	20.70 1.42 -2.35
CHESTROR_138KV_BK263 355645	21.45 0.87 -0.72	19.29 0.66 -4.48	18.12 0.58 -5.95	17.00 0.58 -4.81	17.69 0.56 -5.41	18.61 0.78 -0.97	18.47 0.85 0.00	18.40 0.88 0.00	19.05 0.89 -0.77	19.90 0.94 -0.57	20.28 0.99 -0.65	20.92 1.01 -1.21	21.52 1.12 -0.73	22.24 1.13 -1.65	22.47 1.17 -1.56	22.76 1.29 -0.67	26.04 1.28 -3.78	28.69 1.35 -6.27	28.25 1.44 -3.28	26.04 1.29 -3.55	23.90 1.31 -1.18	22.64 1.28 -0.38	21.44 1.17 -0.52	20.04 0.97 -2.14
CH_MIDHUDSON___DRP 24192	21.72 1.05 -0.82	19.99 0.79 -5.05	18.97 0.67 -6.71	17.71 0.67 -5.43	18.47 0.66 -6.10	18.88 0.93 -1.09	18.63 1.00 0.00	18.56 1.03 0.00	19.30 1.04 -0.86	20.14 1.10 -0.64	20.52 1.16 -0.73	21.24 1.18 -1.36	21.80 1.32 -0.82	22.64 1.32 -1.86	22.84 1.34 -1.75	23.01 1.46 -0.76	26.72 1.49 -4.25	29.65 1.54 -7.05	28.92 1.69 -3.68	26.69 1.50 -3.99	24.26 1.52 -1.33	22.89 1.49 -0.43	21.70 1.36 -0.58	20.45 1.12 -2.40
CH_MISC_IPPS 23765	21.78 1.13 -0.80	19.92 0.83 -4.94	18.85 0.71 -6.56	17.61 0.70 -5.30	18.38 0.70 -5.96	18.91 0.98 -1.06	18.70 1.08 0.00	18.61 1.09 0.00	19.32 1.08 -0.84	20.16 1.14 -0.63	20.55 1.19 -0.72	21.25 1.21 -1.33	21.81 1.34 -0.80	22.64 1.36 -1.81	22.84 1.38 -1.71	23.06 1.52 -0.74	26.67 1.53 -4.16	29.56 1.60 -6.89	28.88 1.74 -3.60	26.66 1.57 -3.90	24.31 1.61 -1.30	22.97 1.57 -0.42	21.75 1.42 -0.57	20.45 1.17 -2.35
CH_RES_BVR_FALLS 23983	19.48 -0.38 0.00	13.85 -0.30 0.00	11.33 -0.25 0.00	11.35 -0.26 0.00	11.46 -0.26 0.00	16.66 -0.25 -0.04	17.36 -0.26 0.00	17.24 -0.28 0.00	17.17 -0.26 -0.04	18.14 -0.28 -0.03	18.37 -0.30 -0.03	18.46 -0.30 -0.06	19.39 -0.32 -0.03	19.23 -0.31 -0.08	19.48 -0.34 -0.07	20.46 -0.37 -0.03	20.77 -0.38 -0.17	20.95 -0.40 -0.29	23.27 -0.42 -0.15	20.97 -0.38 -0.16	21.08 -0.38 -0.05	20.64 -0.36 -0.02	19.46 -0.32 -0.02	16.73 -0.30 -0.10

CH_RES_NIAGARA 23895	19.75 -0.22 -0.11	14.94 0.09 -0.71	12.68 0.15 -0.94	12.57 0.20 -0.76	12.76 0.19 -0.86	17.04 -0.03 -0.21	17.34 -0.28 0.00	17.15 -0.37 0.00	16.90 -0.66 -0.16	17.80 -0.72 -0.12	17.97 -0.80 -0.14	18.18 -0.78 -0.26	19.10 -0.73 -0.16	19.13 -0.68 -0.35	19.57 -0.51 -0.33	20.51 -0.44 -0.14	21.22 -0.57 -0.81	22.09 -0.32 -1.34	23.72 -0.52 -0.70	21.57 -0.57 -0.76	21.34 -0.32 -0.25	20.55 -0.50 -0.08	19.31 -0.55 -0.11	17.66 0.27 -0.46
CH_RES_SYRACUSE 23985	20.11 0.18 -0.08	14.81 0.18 -0.48	12.37 0.14 -0.64	12.26 0.14 -0.52	12.46 0.16 -0.58	17.25 0.22 -0.16	17.90 0.28 0.00	17.82 0.30 0.00	17.74 0.21 -0.13	18.73 0.24 -0.09	19.00 0.26 -0.11	19.14 0.24 -0.20	20.03 0.24 -0.12	19.93 0.19 -0.27	20.24 0.24 -0.26	21.20 0.29 -0.11	21.89 0.29 -0.62	22.52 0.42 -1.03	24.57 0.50 -0.54	22.16 0.38 -0.58	22.01 0.41 -0.19	21.27 0.23 -0.06	20.00 0.16 -0.09	17.69 0.41 -0.35
CLINTON_WT_PWR 323605	18.78 -1.07 0.00	13.38 -0.76 0.00	10.94 -0.65 0.00	10.99 -0.62 0.00	11.00 -0.71 0.00	16.03 -0.86 -0.02	16.62 -1.00 0.00	16.52 -1.00 0.00	16.53 -0.89 -0.02	17.43 -0.98 -0.01	17.63 -1.02 -0.02	17.67 -1.07 -0.03	18.49 -1.20 -0.02	18.35 -1.15 -0.04	18.50 -1.28 -0.04	19.40 -1.42 -0.02	19.77 -1.30 -0.09	19.91 -1.31 -0.15	22.33 -1.29 -0.08	20.16 -1.12 -0.09	20.22 -1.22 -0.03	19.79 -1.19 -0.01	18.68 -1.09 -0.01	15.90 -1.08 -0.05
CLINTON___LFGE 323618	18.80 -1.05 0.00	13.41 -0.74 0.00	10.95 -0.64 0.00	11.02 -0.59 0.00	11.02 -0.69 0.00	16.05 -0.84 -0.02	16.64 -0.99 0.00	16.54 -0.98 0.00	16.57 -0.85 -0.02	17.47 -0.94 -0.01	17.64 -1.01 -0.02	17.70 -1.03 -0.03	18.51 -1.18 -0.02	18.37 -1.13 -0.04	18.54 -1.24 -0.04	19.42 -1.39 -0.02	19.79 -1.28 -0.09	19.96 -1.26 -0.16	22.40 -1.23 -0.08	20.24 -1.04 -0.09	20.32 -1.11 -0.03	19.85 -1.13 -0.01	18.74 -1.03 -0.01	15.95 -1.03 -0.05
COBBLENY_34_KV_TB1 80064	20.02 0.04 -0.13	15.17 0.23 -0.80	12.87 0.22 -1.06	12.77 0.30 -0.86	12.97 0.29 -0.97	17.25 0.15 -0.22	17.91 0.28 0.00	17.78 0.26 0.00	17.26 -0.31 -0.18	18.18 -0.35 -0.13	18.36 -0.43 -0.15	18.57 -0.41 -0.28	19.64 -0.20 -0.17	19.61 -0.23 -0.38	20.05 -0.06 -0.36	21.04 0.08 -0.16	21.84 -0.02 -0.88	22.77 0.25 -1.46	24.40 0.09 -0.76	22.19 0.17 -0.82	21.94 0.26 -0.27	21.07 0.00 -0.09	19.76 -0.12 -0.12	17.92 0.49 -0.50
COFFEEN___115KV_TB3 355620	19.84 -0.06 -0.04	14.35 -0.06 -0.26	11.88 -0.05 -0.34	11.74 -0.14 -0.27	11.92 -0.11 -0.31	16.89 -0.08 -0.11	17.52 -0.11 0.00	17.26 -0.26 0.00	17.19 -0.30 -0.08	18.07 -0.39 -0.06	18.26 -0.45 -0.07	18.33 -0.50 -0.13	19.18 -0.57 -0.08	19.08 -0.56 -0.18	19.39 -0.53 -0.17	20.35 -0.52 -0.07	20.96 -0.44 -0.42	21.59 -0.17 -0.70	23.97 0.07 -0.36	21.67 0.08 -0.39	21.64 0.11 -0.13	20.85 -0.17 -0.04	19.44 -0.38 -0.06	17.12 -0.05 -0.24
COLDSPRG_115KV_BK1 355956	20.17 0.18 -0.14	15.35 0.37 -0.84	13.05 0.35 -1.11	13.00 0.50 -0.90	13.20 0.48 -1.01	17.51 0.40 -0.23	18.36 0.74 0.00	18.29 0.77 0.00	17.57 -0.02 -0.18	18.46 -0.07 -0.14	18.59 -0.20 -0.16	18.81 -0.19 -0.29	19.92 0.08 -0.17	19.88 0.02 -0.40	20.34 0.22 -0.37	21.38 0.42 -0.16	22.22 0.34 -0.91	23.20 0.63 -1.51	24.80 0.47 -0.79	22.60 0.55 -0.85	22.35 0.66 -0.28	21.51 0.44 -0.09	20.12 0.24 -0.12	18.19 0.75 -0.51
COLONIE_LFGE___ 323577	21.83 0.93 -1.04	21.24 0.67 -6.43	20.66 0.53 -8.54	19.05 0.53 -6.91	20.01 0.53 -7.77	19.07 0.83 -1.37	18.49 0.86 0.00	18.38 0.86 0.00	19.34 0.85 -1.09	20.11 0.90 -0.81	20.48 0.91 -0.93	21.31 0.88 -1.72	21.71 1.00 -1.04	22.82 1.01 -2.35	23.03 1.07 -2.22	22.90 1.14 -0.96	27.49 1.13 -5.38	31.16 1.18 -8.92	29.54 1.34 -4.66	27.45 1.21 -5.05	24.33 1.24 -1.68	22.67 1.15 -0.54	21.54 1.05 -0.74	20.84 0.86 -3.04
COOPERNY_115KV_TB1 80082	21.05 0.66 -0.54	18.02 0.52 -3.35	16.49 0.45 -4.45	15.64 0.44 -3.60	16.19 0.43 -4.04	18.21 0.61 -0.73	18.28 0.65 0.00	18.19 0.67 0.00	18.64 0.66 -0.58	19.54 0.72 -0.43	19.89 0.76 -0.49	20.38 0.77 -0.92	21.08 0.87 -0.55	21.59 0.88 -1.25	21.83 0.91 -1.18	22.31 1.00 -0.51	24.82 0.99 -2.86	26.86 1.05 -4.74	27.15 1.13 -2.48	24.89 1.02 -2.68	23.31 1.01 -0.89	22.25 0.99 -0.29	21.02 0.87 -0.39	19.29 0.75 -1.62
COPENHAGEN_WT_PWR 323753	19.68 -0.22 -0.04	14.24 -0.17 -0.26	11.81 -0.13 -0.35	11.68 -0.21 -0.28	11.84 -0.19 -0.32	16.80 -0.19 -0.11	17.39 -0.23 0.00	17.19 -0.33 0.00	17.12 -0.37 -0.09	18.02 -0.44 -0.06	18.21 -0.50 -0.07	18.30 -0.54 -0.14	19.14 -0.61 -0.08	19.04 -0.60 -0.19	19.33 -0.59 -0.18	20.32 -0.56 -0.08	20.88 -0.52 -0.43	21.50 -0.27 -0.71	23.79 -0.12 -0.37	21.51 -0.08 -0.40	21.48 -0.06 -0.13	20.71 -0.31 -0.04	19.40 -0.42 -0.06	17.02 -0.15 -0.24
CORNELL___ 23752	20.56 0.54 -0.16	15.62 0.45 -1.02	13.31 0.37 -1.35	13.07 0.37 -1.09	13.33 0.39 -1.23	17.66 0.52 -0.27	18.28 0.65 0.00	18.17 0.65 0.00	18.08 0.47 -0.21	19.03 0.48 -0.16	19.28 0.47 -0.18	19.49 0.45 -0.34	20.38 0.51 -0.20	20.37 0.45 -0.46	20.69 0.51 -0.43	21.59 0.60 -0.19	22.64 0.61 -1.05	23.63 0.82 -1.74	25.46 1.01 -0.91	23.07 0.89 -0.99	22.66 0.92 -0.33	21.77 0.69 -0.11	20.43 0.53 -0.14	18.25 0.73 -0.59
CORONA_AAV_69_KV_TB1 355595	26.64 1.65 -5.14	22.16 1.24 -6.76	19.23 1.07 -6.57	17.93 1.02 -5.30	18.64 0.96 -5.96	19.21 1.28 -1.06	19.09 1.46 0.00	19.03 1.51 0.00	19.86 1.62 -0.84	21.15 1.73 -1.02	24.14 1.71 -3.79	24.84 1.76 -4.38	25.65 1.95 -4.03	25.72 1.95 -4.31	26.16 1.97 -4.44	26.14 2.14 -3.20	28.29 2.18 -5.13	30.27 2.27 -6.93	29.76 2.47 -3.75	28.74 2.20 -5.35	26.06 2.16 -2.49	25.71 2.10 -2.64	24.07 2.02 -2.30	22.87 1.68 -4.26
CORTLAND_115KV_TB3 80093	20.35 0.36 -0.13	15.30 0.33 -0.83	12.96 0.27 -1.10	12.76 0.26 -0.89	12.99 0.27 -1.00	17.47 0.37 -0.23	18.10 0.48 0.00	17.98 0.46 0.00	17.90 0.31 -0.18	18.86 0.33 -0.14	19.13 0.34 -0.16	19.31 0.32 -0.29	20.22 0.37 -0.17	20.17 0.31 -0.39	20.50 0.38 -0.37	21.42 0.46 -0.16	22.32 0.44 -0.90	23.20 0.63 -1.50	25.05 0.73 -0.78	22.68 0.64 -0.85	22.35 0.66 -0.28	21.55 0.48 -0.09	20.22 0.34 -0.12	17.99 0.54 -0.51
COXSACKIE___GT 23611	21.98 1.17 -0.96	20.84 0.76 -5.93	20.06 0.59 -7.88	18.60 0.61 -6.37	19.58 0.70 -7.16	19.27 1.13 -1.27	18.89 1.27 0.00	18.66 1.14 0.00	19.31 0.90 -1.01	20.06 0.92 -0.75	20.35 0.86 -0.86	21.15 0.86 -1.59	21.53 0.91 -0.96	22.55 0.91 -2.17	22.76 0.97 -2.05	22.77 1.08 -0.89	26.98 1.03 -4.97	30.42 1.12 -8.24	29.23 1.39 -4.30	27.25 1.40 -4.66	24.50 1.54 -1.55	22.88 1.41 -0.50	21.67 1.23 -0.68	20.78 1.03 -2.81
CPV_VALLEY___CC1 323721	21.25 0.74 -0.66	18.80 0.58 -4.08	17.51 0.51 -5.41	16.49 0.50 -4.38	17.12 0.48 -4.92	18.41 0.66 -0.88	18.35 0.72 0.00	18.27 0.75 0.00	18.86 0.76 -0.70	19.74 0.83 -0.52	20.11 0.88 -0.60	20.71 0.90 -1.11	21.32 0.98 -0.66	21.98 1.01 -1.51	22.22 1.05 -1.42	22.56 1.14 -0.62	25.56 1.13 -3.46	27.97 1.18 -5.73	27.80 1.27 -2.99	25.58 1.14 -3.24	23.62 1.13 -1.08	22.46 1.13 -0.35	21.26 1.03 -0.47	19.72 0.83 -1.95

CPV_VALLEY___CC2 323722	21.25 0.74 -0.66	18.80 0.58 -4.08	17.51 0.51 -5.41	16.49 0.50 -4.38	17.12 0.48 -4.92	18.41 0.66 -0.88	18.35 0.72 0.00	18.27 0.75 0.00	18.86 0.76 -0.70	19.74 0.83 -0.52	20.11 0.88 -0.60	20.71 0.90 -1.11	21.32 0.98 -0.66	21.98 1.01 -1.51	22.22 1.05 -1.42	22.56 1.14 -0.62	25.56 1.13 -3.46	27.97 1.18 -5.73	27.80 1.27 -2.99	25.58 1.14 -3.24	23.62 1.13 -1.08	22.46 1.13 -0.35	21.26 1.03 -0.47	19.72 0.83 -1.95
CRESCENT___HYD 24018	21.83 0.93 -1.04	21.24 0.67 -6.43	20.66 0.53 -8.54	19.05 0.53 -6.91	20.01 0.53 -7.77	19.07 0.83 -1.37	18.49 0.86 0.00	18.38 0.86 0.00	19.34 0.85 -1.09	20.11 0.90 -0.81	20.48 0.91 -0.93	21.31 0.88 -1.72	21.71 1.00 -1.04	22.82 1.01 -2.35	23.03 1.07 -2.22	22.90 1.14 -0.96	27.49 1.13 -5.38	31.16 1.18 -8.92	29.54 1.34 -4.66	27.45 1.21 -5.05	24.33 1.24 -1.68	22.67 1.15 -0.54	21.54 1.05 -0.74	20.84 0.86 -3.04
CRICKET___VALLEY_CC1 323756	21.60 0.89 -0.85	20.07 0.67 -5.26	19.15 0.57 -6.99	17.83 0.57 -5.65	18.61 0.54 -6.36	18.79 0.79 -1.13	18.43 0.81 0.00	18.40 0.88 0.00	19.20 0.90 -0.90	20.02 0.96 -0.67	20.39 0.99 -0.76	21.13 1.01 -1.42	21.66 1.14 -0.85	22.54 1.15 -1.93	22.76 1.18 -1.82	22.84 1.25 -0.79	26.64 1.24 -4.42	29.70 1.31 -7.33	28.81 1.44 -3.83	26.59 1.25 -4.15	24.05 1.26 -1.38	22.68 1.26 -0.44	21.55 1.19 -0.61	20.36 0.93 -2.50
CRICKET___VALLEY_CC2 323757	21.60 0.89 -0.85	20.07 0.67 -5.26	19.15 0.57 -6.99	17.83 0.57 -5.65	18.61 0.54 -6.36	18.79 0.79 -1.13	18.43 0.81 0.00	18.40 0.88 0.00	19.20 0.90 -0.90	20.02 0.96 -0.67	20.39 0.99 -0.76	21.13 1.01 -1.42	21.66 1.14 -0.85	22.54 1.15 -1.93	22.76 1.18 -1.82	22.84 1.25 -0.79	26.64 1.24 -4.42	29.70 1.31 -7.33	28.81 1.44 -3.83	26.59 1.25 -4.15	24.05 1.26 -1.38	22.68 1.26 -0.44	21.55 1.19 -0.61	20.36 0.93 -2.50
CRICKET___VALLEY_CC3 323758	21.60 0.89 -0.85	20.07 0.67 -5.26	19.15 0.57 -6.99	17.83 0.57 -5.65	18.61 0.54 -6.36	18.79 0.79 -1.13	18.43 0.81 0.00	18.40 0.88 0.00	19.20 0.90 -0.90	20.02 0.96 -0.67	20.39 0.99 -0.76	21.13 1.01 -1.42	21.66 1.14 -0.85	22.54 1.15 -1.93	22.76 1.18 -1.82	22.84 1.25 -0.79	26.64 1.24 -4.42	29.70 1.31 -7.33	28.81 1.44 -3.83	26.59 1.25 -4.15	24.05 1.26 -1.38	22.68 1.26 -0.44	21.55 1.19 -0.61	20.36 0.93 -2.50
CRUCIBLE_METL_DRP 24180	20.11 0.18 -0.08	14.81 0.18 -0.48	12.37 0.14 -0.64	12.26 0.14 -0.52	12.46 0.16 -0.58	17.27 0.24 -0.16	17.91 0.28 0.00	17.82 0.30 0.00	17.73 0.21 -0.13	18.73 0.24 -0.09	19.00 0.26 -0.11	19.14 0.24 -0.20	20.06 0.28 -0.12	19.93 0.19 -0.27	20.24 0.24 -0.26	21.20 0.29 -0.11	21.89 0.29 -0.62	22.52 0.42 -1.03	24.57 0.49 -0.54	22.16 0.38 -0.58	22.01 0.41 -0.19	21.27 0.23 -0.06	19.98 0.14 -0.09	17.69 0.41 -0.35
DAHOWA___HYDRO 323763	22.36 1.45 -1.06	21.69 1.00 -6.54	21.07 0.79 -8.69	19.43 0.79 -7.03	20.43 0.81 -7.90	19.50 1.23 -1.40	18.93 1.30 0.00	18.84 1.31 0.00	19.78 1.27 -1.11	20.55 1.33 -0.83	20.90 1.32 -0.95	21.69 1.23 -1.75	22.08 1.36 -1.05	23.19 1.34 -2.39	23.49 1.48 -2.26	23.38 1.60 -0.98	28.07 1.62 -5.48	31.83 1.69 -9.08	30.23 1.95 -4.74	28.11 1.78 -5.14	24.96 1.84 -1.71	23.18 1.66 -0.55	22.01 1.50 -0.75	21.28 1.25 -3.10
DANC___LFGE 323619	19.71 -0.20 -0.05	14.33 -0.13 -0.31	11.89 -0.10 -0.41	11.79 -0.15 -0.33	11.95 -0.14 -0.37	16.86 -0.14 -0.12	17.46 -0.16 0.00	17.29 -0.23 0.00	17.23 -0.26 -0.10	18.13 -0.33 -0.07	18.36 -0.35 -0.08	18.46 -0.39 -0.15	19.31 -0.45 -0.09	19.20 -0.47 -0.21	19.51 -0.43 -0.19	20.49 -0.40 -0.08	21.07 -0.38 -0.47	21.67 -0.17 -0.78	23.90 -0.05 -0.41	21.57 -0.06 -0.44	21.51 -0.04 -0.15	20.77 -0.25 -0.05	19.49 -0.34 -0.06	17.13 -0.07 -0.27
DANSKAMMER___1 23586	21.78 1.13 -0.80	19.92 0.83 -4.94	18.85 0.71 -6.56	17.61 0.70 -5.30	18.38 0.70 -5.96	18.91 0.98 -1.06	18.70 1.08 0.00	18.61 1.09 0.00	19.32 1.08 -0.84	20.16 1.14 -0.63	20.55 1.19 -0.72	21.25 1.21 -1.33	21.81 1.34 -0.80	22.64 1.36 -1.81	22.84 1.38 -1.71	23.06 1.52 -0.74	26.67 1.53 -4.16	29.56 1.60 -6.89	28.88 1.74 -3.60	26.66 1.57 -3.90	24.31 1.61 -1.30	22.97 1.57 -0.42	21.75 1.42 -0.57	20.45 1.17 -2.35
DANSKAMMER___2 23589	21.78 1.13 -0.80	19.92 0.83 -4.94	18.85 0.71 -6.56	17.61 0.70 -5.30	18.38 0.70 -5.96	18.91 0.98 -1.06	18.70 1.08 0.00	18.61 1.09 0.00	19.32 1.08 -0.84	20.16 1.14 -0.63	20.55 1.19 -0.72	21.25 1.21 -1.33	21.81 1.34 -0.80	22.64 1.36 -1.81	22.84 1.38 -1.71	23.06 1.52 -0.74	26.67 1.53 -4.16	29.56 1.60 -6.89	28.88 1.74 -3.60	26.66 1.57 -3.90	24.31 1.61 -1.30	22.97 1.57 -0.42	21.75 1.42 -0.57	20.45 1.17 -2.35
DANSKAMMER___3 23590	21.78 1.13 -0.80	19.92 0.83 -4.94	18.85 0.71 -6.56	17.61 0.70 -5.30	18.38 0.70 -5.96	18.91 0.98 -1.06	18.70 1.08 0.00	18.61 1.09 0.00	19.32 1.08 -0.84	20.16 1.14 -0.63	20.55 1.19 -0.72	21.25 1.21 -1.33	21.81 1.34 -0.80	22.64 1.36 -1.81	22.84 1.38 -1.71	23.06 1.52 -0.74	26.67 1.53 -4.16	29.56 1.60 -6.89	28.88 1.74 -3.60	26.66 1.57 -3.90	24.31 1.61 -1.30	22.97 1.57 -0.42	21.75 1.42 -0.57	20.45 1.17 -2.35
DANSKAMMER___4 23591	21.78 1.13 -0.80	19.92 0.83 -4.94	18.85 0.71 -6.56	17.61 0.70 -5.30	18.38 0.70 -5.96	18.91 0.98 -1.06	18.70 1.08 0.00	18.61 1.09 0.00	19.32 1.08 -0.84	20.16 1.14 -0.63	20.55 1.19 -0.72	21.25 1.21 -1.33	21.81 1.34 -0.80	22.64 1.36 -1.81	22.84 1.38 -1.71	23.06 1.52 -0.74	26.67 1.53 -4.16	29.56 1.60 -6.89	28.88 1.74 -3.60	26.66 1.57 -3.90	24.31 1.61 -1.30	22.97 1.57 -0.42	21.75 1.42 -0.57	20.45 1.17 -2.35
DANSKAMMER___DIESEL 23592	21.76 1.11 -0.80	19.92 0.83 -4.94	18.85 0.71 -6.56	17.61 0.70 -5.30	18.38 0.70 -5.96	18.91 0.98 -1.06	18.70 1.08 0.00	18.61 1.09 0.00	19.32 1.08 -0.84	20.16 1.14 -0.63	20.55 1.19 -0.72	21.25 1.22 -1.33	21.81 1.34 -0.80	22.62 1.34 -1.81	22.84 1.38 -1.71	23.06 1.52 -0.74	26.67 1.53 -4.16	29.56 1.60 -6.89	28.88 1.74 -3.60	26.66 1.57 -3.90	24.31 1.61 -1.30	22.97 1.57 -0.42	21.75 1.42 -0.57	20.45 1.17 -2.35
DARBY___SOLAR 323810	22.28 1.37 -1.05	21.62 0.95 -6.53	21.01 0.75 -8.67	19.38 0.75 -7.01	20.36 0.76 -7.88	19.43 1.16 -1.39	18.84 1.22 0.00	18.75 1.23 0.00	19.71 1.20 -1.11	20.49 1.27 -0.83	20.85 1.27 -0.94	21.65 1.20 -1.75	22.04 1.32 -1.05	23.15 1.30 -2.38	23.42 1.42 -2.25	23.31 1.54 -0.97	27.97 1.53 -5.46	31.72 1.60 -9.06	30.11 1.84 -4.73	28.01 1.70 -5.12	24.85 1.73 -1.71	23.10 1.57 -0.55	21.93 1.42 -0.75	21.22 1.20 -3.09
DASHVILLE___HYD 23610	21.40 0.71 -0.83	19.81 0.55 -5.11	18.86 0.49 -6.79	17.55 0.45 -5.49	18.37 0.48 -6.17	18.61 0.64 -1.10	18.45 0.83 0.00	18.36 0.84 0.00	19.00 0.73 -0.87	19.83 0.79 -0.65	20.22 0.84 -0.74	20.96 0.88 -1.38	21.48 0.98 -0.83	22.35 1.01 -1.88	22.53 1.01 -1.77	22.69 1.12 -0.77	26.43 1.15 -4.30	29.39 1.20 -7.13	28.56 1.29 -3.72	26.37 1.14 -4.04	23.93 1.18 -1.34	22.58 1.17 -0.43	21.41 1.07 -0.59	20.21 0.85 -2.43

DEERFIELD_69_KV_DEERFIELD LD 355887	27.79 2.80 -5.14	22.93 2.02 -6.76	19.89 1.73 -6.57	18.64 1.73 -5.30	19.21 1.53 -5.96	20.02 2.09 -1.06	20.00 2.38 0.00	19.90 2.38 0.00	20.80 2.56 -0.84	22.20 2.78 -1.02	25.26 2.83 -3.79	26.00 2.92 -4.38	28.85 3.23 -5.95	35.50 3.21 -12.83	36.62 3.30 -13.58	38.55 3.56 -14.19	46.43 3.65 -21.80	41.31 3.79 -16.46	48.93 4.19 -21.20	38.70 3.73 -13.78	38.52 3.64 -13.47	35.56 3.48 -11.10	33.64 3.32 -10.57	23.99 2.79 -4.26
DELAWARE___LFGE 323621	20.80 0.66 -0.29	16.46 0.52 -1.79	14.39 0.43 -2.37	13.96 0.43 -1.92	14.32 0.45 -2.16	17.93 0.64 -0.42	18.33 0.70 0.00	18.19 0.67 0.00	18.33 0.59 -0.33	19.27 0.63 -0.25	19.57 0.65 -0.29	19.89 0.65 -0.53	20.73 0.75 -0.32	20.90 0.72 -0.72	21.22 0.79 -0.68	21.95 0.85 -0.29	23.49 0.86 -1.65	24.80 0.99 -2.74	26.08 1.11 -1.43	23.74 1.00 -1.55	22.91 0.98 -0.52	22.02 0.88 -0.17	20.72 0.73 -0.23	18.60 0.73 -0.93
DERFIELD_115KV_TB7 355931	19.91 0.06 0.00	14.20 0.06 0.00	11.63 0.05 0.00	11.64 0.03 0.00	11.76 0.05 0.00	17.11 0.15 -0.09	17.76 0.14 0.00	17.64 0.12 0.00	17.56 0.09 -0.07	18.54 0.09 -0.05	18.79 0.09 -0.06	18.88 0.07 -0.11	19.85 0.12 -0.06	19.67 0.06 -0.15	19.98 0.10 -0.14	21.01 0.15 -0.06	21.44 0.13 -0.34	21.87 0.25 -0.56	24.11 0.28 -0.29	21.74 0.23 -0.32	21.75 0.24 -0.11	21.18 0.17 -0.03	19.90 0.10 -0.05	17.38 0.25 -0.19
DOGLEVILLE___HYD 23807	19.74 -0.12 0.00	14.06 -0.08 0.00	11.52 -0.07 0.00	11.49 -0.12 0.00	11.66 -0.06 0.00	16.89 -0.07 -0.09	17.59 -0.04 0.00	17.45 -0.07 0.00	17.35 -0.12 -0.07	18.30 -0.15 -0.05	18.54 -0.15 -0.06	18.55 -0.26 -0.11	19.46 -0.28 -0.06	19.30 -0.31 -0.15	19.61 -0.28 -0.14	20.59 -0.27 -0.06	21.08 -0.23 -0.34	21.58 -0.04 -0.56	23.83 0.00 -0.29	21.55 0.04 -0.32	21.53 0.02 -0.11	21.01 0.00 -0.03	19.74 -0.06 -0.05	17.22 0.10 -0.19
DUNKIRK___115KV_TB_200 55889	20.22 0.24 -0.13	15.32 0.38 -0.79	13.00 0.36 -1.05	12.95 0.49 -0.85	13.12 0.45 -0.96	17.47 0.37 -0.22	18.10 0.48 0.00	17.99 0.47 0.00	17.49 -0.09 -0.18	18.42 -0.11 -0.13	18.58 -0.20 -0.15	18.79 -0.19 -0.28	19.88 0.04 -0.17	19.82 -0.02 -0.38	20.29 0.18 -0.36	21.31 0.35 -0.16	22.10 0.25 -0.87	23.06 0.55 -1.45	24.67 0.38 -0.76	22.46 0.45 -0.82	22.21 0.54 -0.27	21.38 0.31 -0.09	20.02 0.14 -0.12	18.14 0.71 -0.49
DUNKIRK___1 23563	20.22 0.24 -0.13	15.32 0.38 -0.79	13.00 0.36 -1.05	12.95 0.49 -0.85	13.12 0.45 -0.96	17.47 0.37 -0.22	18.10 0.48 0.00	17.99 0.47 0.00	17.49 -0.09 -0.18	18.42 -0.11 -0.13	18.58 -0.20 -0.15	18.79 -0.19 -0.28	19.88 0.04 -0.17	19.82 -0.02 -0.38	20.29 0.18 -0.36	21.31 0.35 -0.16	22.10 0.25 -0.87	23.06 0.55 -1.45	24.67 0.38 -0.76	22.46 0.45 -0.82	22.21 0.54 -0.27	21.38 0.31 -0.09	20.02 0.14 -0.12	18.14 0.71 -0.49
DUNKIRK___2 23564	20.22 0.24 -0.13	15.32 0.38 -0.79	13.00 0.36 -1.05	12.95 0.49 -0.85	13.12 0.45 -0.96	17.47 0.37 -0.22	18.10 0.48 0.00	17.99 0.47 0.00	17.49 -0.09 -0.18	18.42 -0.11 -0.13	18.58 -0.20 -0.15	18.79 -0.19 -0.28	19.88 0.04 -0.17	19.82 -0.02 -0.38	20.29 0.18 -0.36	21.31 0.35 -0.16	22.10 0.25 -0.87	23.06 0.55 -1.45	24.67 0.38 -0.76	22.46 0.45 -0.82	22.21 0.54 -0.27	21.38 0.31 -0.09	20.02 0.14 -0.12	18.14 0.71 -0.49
DUNKIRK___3 23565	20.10 0.12 -0.13	15.24 0.30 -0.79	12.93 0.29 -1.05	12.85 0.39 -0.85	13.03 0.36 -0.96	17.35 0.25 -0.22	17.99 0.37 0.00	17.87 0.35 0.00	17.39 -0.19 -0.18	18.31 -0.22 -0.13	18.47 -0.32 -0.15	18.68 -0.30 -0.28	19.74 -0.10 -0.17	19.71 -0.14 -0.38	20.17 0.06 -0.36	21.16 0.21 -0.16	21.96 0.10 -0.87	22.89 0.38 -1.45	24.51 0.21 -0.76	22.31 0.30 -0.82	22.04 0.36 -0.27	21.21 0.15 -0.09	19.88 0.00 -0.12	18.02 0.59 -0.49
DUNKIRK___4 23566	20.10 0.12 -0.13	15.24 0.30 -0.79	12.93 0.29 -1.05	12.85 0.39 -0.85	13.03 0.36 -0.96	17.35 0.25 -0.22	17.99 0.37 0.00	17.87 0.35 0.00	17.39 -0.19 -0.18	18.31 -0.22 -0.13	18.47 -0.32 -0.15	18.68 -0.30 -0.28	19.74 -0.10 -0.17	19.71 -0.14 -0.38	20.17 0.06 -0.36	21.16 0.21 -0.16	21.96 0.10 -0.87	22.89 0.38 -1.45	24.51 0.21 -0.76	22.31 0.30 -0.82	22.04 0.36 -0.27	21.21 0.15 -0.09	19.88 0.00 -0.12	18.02 0.59 -0.49
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.84 1.19 -0.80	19.99 0.91 -4.93	18.93 0.79 -6.55	17.69 0.78 -5.30	18.41 0.74 -5.96	18.96 1.03 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.36 1.34 -0.63	20.73 1.38 -0.72	21.45 1.42 -1.33	22.06 1.59 -0.80	22.87 1.60 -1.81	23.06 1.60 -1.71	23.29 1.75 -0.74	26.94 1.80 -4.16	29.83 1.87 -6.89	29.19 2.05 -3.60	26.89 1.80 -3.90	24.48 1.78 -1.30	23.09 1.70 -0.42	21.91 1.58 -0.57	20.57 1.29 -2.35
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.59 0.97 -0.77	19.63 0.74 -4.74	18.53 0.64 -6.30	17.33 0.63 -5.10	18.07 0.62 -5.73	18.75 0.86 -1.02	18.56 0.93 0.00	18.49 0.96 0.00	19.17 0.96 -0.81	20.01 1.01 -0.60	20.39 1.06 -0.69	21.09 1.10 -1.28	21.66 1.22 -0.77	22.43 1.23 -1.75	22.66 1.26 -1.65	22.89 1.37 -0.71	26.36 1.38 -4.00	29.15 1.45 -6.63	28.58 1.58 -3.46	26.35 1.40 -3.75	24.09 1.43 -1.25	22.78 1.41 -0.40	21.57 1.26 -0.55	20.24 1.05 -2.26
E179THST_138_KV_TB4_REV_LBMP_J 345001	22.05 1.39 -0.81	20.12 1.03 -4.94	19.07 0.92 -6.56	17.82 0.91 -5.31	18.54 0.86 -5.97	19.03 1.10 -1.06	18.77 1.15 0.00	18.70 1.17 0.00	19.41 1.17 -0.84	20.38 1.36 -0.63	20.79 1.43 -0.72	21.53 1.50 -1.33	22.20 1.73 -0.80	23.03 1.75 -1.81	23.14 1.68 -1.71	23.37 1.83 -0.74	27.13 1.99 -4.16	29.91 1.96 -6.89	29.40 2.26 -3.60	27.06 1.97 -3.90	24.50 1.80 -1.30	23.20 1.80 -0.42	22.15 1.82 -0.58	20.80 1.51 -2.36
E179THST_13_KV_LOAD 356214	22.15 1.49 -0.81	20.18 1.09 -4.94	19.12 0.97 -6.56	17.87 0.95 -5.31	18.60 0.91 -5.97	19.10 1.16 -1.06	18.86 1.23 0.00	18.78 1.26 0.00	19.49 1.25 -0.84	20.48 1.45 -0.63	20.88 1.53 -0.72	21.62 1.59 -1.33	22.30 1.83 -0.80	23.14 1.87 -1.81	23.24 1.78 -1.71	23.48 1.93 -0.74	27.23 2.10 -4.16	30.02 2.06 -6.89	29.52 2.38 -3.60	27.19 2.10 -3.90	24.61 1.91 -1.30	23.30 1.91 -0.42	22.27 1.94 -0.58	20.88 1.59 -2.36
EAST HAMPTON___GT 23717	28.17 3.18 -5.14	23.20 2.29 -6.76	20.10 1.94 -6.57	18.84 1.93 -5.30	19.41 1.73 -5.96	20.29 2.36 -1.06	20.30 2.68 0.00	20.20 2.68 0.00	21.13 2.89 -0.84	22.54 3.13 -1.02	25.63 3.21 -3.79	26.38 3.29 -4.38	29.24 3.62 -5.95	35.93 3.64 -12.83	37.06 3.73 -13.58	39.03 4.04 -14.19	46.83 4.05 -21.80	41.84 4.32 -16.46	49.52 4.78 -21.20	39.15 4.18 -13.78	38.97 4.09 -13.47	35.98 3.90 -11.10	34.06 3.74 -10.57	24.31 3.12 -4.26
EAST RIVER___6 23660	21.92 1.27 -0.80	20.04 0.96 -4.93	19.00 0.86 -6.55	17.76 0.85 -5.30	18.48 0.81 -5.96	19.03 1.10 -1.06	18.84 1.22 0.00	18.84 1.31 0.00	19.60 1.36 -0.84	20.51 1.49 -0.63	20.86 1.51 -0.72	21.58 1.55 -1.33	22.20 1.73 -0.80	23.05 1.77 -1.81	23.20 1.74 -1.71	23.45 1.91 -0.74	27.13 1.99 -4.16	30.02 2.07 -6.89	29.38 2.24 -3.60	27.04 1.95 -3.90	24.57 1.86 -1.30	23.20 1.80 -0.42	22.11 1.78 -0.57	20.70 1.42 -2.35

EAST RIVER___7 23524	21.92 1.27 -0.80	20.04 0.96 -4.93	19.00 0.86 -6.55	17.76 0.85 -5.30	18.48 0.81 -5.96	19.03 1.10 -1.06	18.84 1.22 0.00	18.84 1.31 0.00	19.60 1.36 -0.84	20.51 1.49 -0.63	20.86 1.51 -0.72	21.58 1.55 -1.33	22.20 1.73 -0.80	23.05 1.77 -1.81	23.20 1.74 -1.71	23.45 1.91 -0.74	27.13 1.99 -4.16	30.02 2.07 -6.89	29.38 2.24 -3.60	27.04 1.95 -3.90	24.57 1.86 -1.30	23.20 1.80 -0.42	22.11 1.78 -0.57	20.70 1.42 -2.35
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.80 1.15 -0.80	19.93 0.86 -4.92	18.88 0.75 -6.54	17.65 0.75 -5.29	18.37 0.71 -5.94	18.92 1.00 -1.06	18.70 1.08 0.00	18.66 1.14 0.00	19.42 1.18 -0.84	20.29 1.27 -0.63	20.67 1.32 -0.72	21.39 1.37 -1.33	21.98 1.51 -0.80	22.81 1.54 -1.81	23.00 1.54 -1.71	23.22 1.68 -0.74	26.84 1.72 -4.15	29.73 1.79 -6.87	29.08 1.95 -3.59	26.80 1.72 -3.89	24.39 1.69 -1.30	23.03 1.64 -0.42	21.85 1.52 -0.57	20.51 1.24 -2.34
EAST_HAMPTON___DIESEL 23722	28.17 3.18 -5.14	23.20 2.29 -6.76	20.11 1.95 -6.57	18.85 1.94 -5.30	19.42 1.75 -5.96	20.29 2.36 -1.06	20.30 2.68 0.00	20.20 2.68 0.00	21.13 2.89 -0.84	22.54 3.13 -1.02	25.63 3.21 -3.79	26.40 3.31 -4.38	29.24 3.62 -5.95	35.93 3.64 -12.83	37.06 3.73 -13.58	39.03 4.04 -14.19	46.83 4.05 -21.80	41.86 4.34 -16.46	49.52 4.78 -21.20	39.15 4.18 -13.78	38.99 4.11 -13.47	36.00 3.92 -11.10	34.06 3.74 -10.57	24.33 3.13 -4.26
EAST_PULASKI___ESR 323781	19.79 -0.12 -0.06	14.46 -0.04 -0.35	12.02 -0.03 -0.47	11.93 -0.06 -0.38	12.09 -0.05 -0.43	16.95 -0.05 -0.13	17.59 -0.04 0.00	17.47 -0.05 0.00	17.38 -0.12 -0.10	18.34 -0.13 -0.08	18.57 -0.15 -0.09	18.70 -0.17 -0.16	19.59 -0.18 -0.10	19.45 -0.23 -0.22	19.74 -0.22 -0.21	20.72 -0.17 -0.09	21.32 -0.17 -0.51	21.91 0.00 -0.85	24.05 0.07 -0.44	21.71 0.04 -0.48	21.63 0.06 -0.16	20.90 -0.13 -0.05	19.61 -0.22 -0.07	17.31 0.08 -0.29
EAST_RIVER___1 323558	21.90 1.25 -0.80	20.01 0.93 -4.93	18.97 0.82 -6.55	17.72 0.81 -5.30	18.45 0.77 -5.96	19.00 1.06 -1.06	18.79 1.16 0.00	18.78 1.26 0.00	19.55 1.31 -0.84	20.44 1.42 -0.63	20.82 1.47 -0.72	21.55 1.51 -1.33	22.16 1.69 -0.80	22.99 1.71 -1.81	23.16 1.70 -1.71	23.41 1.87 -0.74	27.06 1.93 -4.16	29.96 2.00 -6.89	29.30 2.16 -3.60	26.98 1.89 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.03 1.70 -0.57	20.65 1.37 -2.35
EAST_RIVER___2 323559	21.92 1.27 -0.80	20.04 0.96 -4.93	19.00 0.86 -6.55	17.76 0.85 -5.30	18.48 0.81 -5.96	19.03 1.10 -1.06	18.84 1.22 0.00	18.84 1.31 0.00	19.60 1.36 -0.84	20.51 1.49 -0.63	20.86 1.51 -0.72	21.58 1.55 -1.33	22.20 1.73 -0.80	23.05 1.77 -1.81	23.20 1.74 -1.71	23.45 1.91 -0.74	27.13 1.99 -4.16	30.02 2.07 -6.89	29.38 2.24 -3.60	27.04 1.95 -3.90	24.57 1.86 -1.30	23.20 1.80 -0.42	22.11 1.78 -0.57	20.70 1.42 -2.35
EAST___DELAWARE_HYD 23607	21.26 0.71 -0.69	18.97 0.54 -4.28	17.74 0.46 -5.69	16.70 0.49 -4.60	17.36 0.47 -5.17	18.47 0.68 -0.93	18.31 0.69 0.00	18.20 0.68 0.00	18.78 0.64 -0.73	19.62 0.68 -0.55	19.99 0.73 -0.63	20.63 0.77 -1.16	21.19 0.83 -0.70	21.90 0.86 -1.58	22.13 0.89 -1.49	22.44 1.00 -0.65	25.63 1.03 -3.62	28.17 1.09 -6.01	27.90 1.22 -3.14	25.72 1.12 -3.40	23.69 1.16 -1.13	22.47 1.13 -0.36	21.26 1.01 -0.50	19.79 0.81 -2.05
EIGHT_POINT___WT_PWR 323820	20.21 0.20 -0.15	15.40 0.31 -0.95	13.12 0.28 -1.26	12.95 0.32 -1.02	13.18 0.33 -1.14	17.39 0.27 -0.25	18.12 0.49 0.00	17.99 0.47 0.00	17.60 0.00 -0.20	18.51 -0.04 -0.15	18.64 -0.17 -0.17	18.83 -0.19 -0.32	19.72 -0.14 -0.19	19.80 -0.10 -0.43	20.26 0.10 -0.41	21.21 0.23 -0.18	22.20 0.23 -0.99	23.28 0.57 -1.65	25.04 0.64 -0.86	22.78 0.66 -0.93	22.47 0.75 -0.31	21.52 0.44 -0.10	20.13 0.24 -0.14	18.21 0.71 -0.56
ELBRIDGE_115KV_TB2 80188	20.06 0.12 -0.08	14.80 0.14 -0.51	12.37 0.10 -0.68	12.28 0.13 -0.55	12.46 0.13 -0.62	17.22 0.19 -0.16	17.85 0.23 0.00	17.75 0.23 0.00	17.67 0.14 -0.13	18.64 0.15 -0.10	18.91 0.17 -0.11	19.06 0.15 -0.21	19.97 0.18 -0.12	19.86 0.12 -0.28	20.17 0.16 -0.27	21.12 0.21 -0.11	21.81 0.19 -0.64	22.47 0.34 -1.07	24.47 0.38 -0.56	22.09 0.30 -0.60	21.95 0.34 -0.20	21.21 0.17 -0.06	19.92 0.08 -0.09	17.63 0.34 -0.36
ELEC_TRO_TEK 24086	26.50 1.51 -5.14	22.04 1.13 -6.76	19.15 0.99 -8.05	17.86 0.95 -6.51	18.55 0.88 -7.32	19.11 1.18 -1.30	18.96 1.34 0.00	18.91 1.38 0.00	19.76 1.51 -1.03	21.04 1.62 -0.77	24.04 1.62 -0.88	24.72 1.65 -1.63	25.51 1.81 -0.98	25.61 1.81 -2.22	26.05 1.84 -2.09	26.00 1.98 -0.91	28.18 2.03 -5.08	30.11 2.11 -8.41	29.62 2.28 -4.39	28.59 2.03 -4.76	25.94 2.01 -1.59	25.59 1.95 -0.51	23.95 1.88 -0.70	22.75 1.56 -2.87
ELLENBURG_WT_PWR 323604	18.78 -1.07 0.00	13.38 -0.76 0.00	10.94 -0.65 0.00	10.99 -0.62 0.00	11.00 -0.71 0.00	16.03 -0.86 -0.02	16.62 -1.00 0.00	16.52 -1.00 0.00	16.53 -0.89 -0.02	17.43 -0.98 -0.01	17.63 -1.02 -0.02	17.67 -1.07 -0.03	18.49 -1.20 -0.02	18.35 -1.15 -0.04	18.50 -1.28 -0.04	19.40 -1.42 -0.02	19.77 -1.30 -0.09	19.91 -1.31 -0.15	22.33 -1.29 -0.08	20.16 -1.12 -0.09	20.22 -1.22 -0.03	19.79 -1.19 -0.01	18.68 -1.09 -0.01	15.90 -1.08 -0.05
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.04 0.06 -0.12	15.14 0.24 -0.75	12.82 0.23 -1.00	12.73 0.31 -0.81	12.92 0.29 -0.91	17.27 0.19 -0.22	17.78 0.16 0.00	17.64 0.12 0.00	17.24 -0.33 -0.17	18.15 -0.37 -0.13	18.33 -0.45 -0.15	18.54 -0.43 -0.27	19.59 -0.24 -0.16	19.56 -0.27 -0.37	20.00 -0.10 -0.35	20.97 0.02 -0.15	21.74 -0.08 -0.84	22.63 0.17 -1.40	24.29 0.02 -0.73	22.07 0.08 -0.79	21.84 0.17 -0.26	21.02 -0.04 -0.08	19.71 -0.16 -0.12	17.90 0.49 -0.48
EMPIRE_CC_1 323656	21.45 0.62 -0.98	20.67 0.47 -6.06	20.02 0.38 -8.05	18.50 0.38 -6.51	19.41 0.37 -7.32	18.76 0.59 -1.30	18.24 0.62 0.00	18.07 0.54 0.00	18.98 0.56 -1.03	19.75 0.59 -0.77	20.11 0.60 -0.88	20.93 0.60 -1.63	21.33 0.69 -0.98	22.38 0.70 -2.22	22.59 0.75 -2.09	22.50 0.79 -0.91	26.81 0.75 -5.08	30.28 0.80 -8.41	28.83 0.89 -4.39	26.76 0.81 -4.76	23.83 0.83 -1.59	22.26 0.78 -0.51	21.16 0.71 -0.70	20.39 0.59 -2.87
EMPIRE_CC_2 323658	21.45 0.62 -0.98	20.67 0.47 -6.06	20.02 0.38 -8.05	18.50 0.38 -6.51	19.41 0.37 -7.32	18.76 0.59 -1.30	18.24 0.62 0.00	18.07 0.54 0.00	18.98 0.56 -1.03	19.75 0.59 -0.77	20.11 0.60 -0.88	20.93 0.60 -1.63	21.33 0.69 -0.98	22.38 0.70 -2.22	22.59 0.75 -2.09	22.50 0.79 -0.91	26.81 0.75 -5.08	30.28 0.80 -8.41	28.83 0.89 -4.39	26.76 0.81 -4.76	23.83 0.83 -1.59	22.26 0.78 -0.51	21.16 0.71 -0.70	20.39 0.59 -2.87
ENORWICH_115KV_TB1 80156	21.23 1.15 -0.22	16.44 0.93 -1.36	14.12 0.73 -1.80	13.76 0.70 -1.46	14.10 0.75 -1.64	18.25 1.05 -0.34	18.80 1.18 0.00	18.57 1.05 0.00	18.45 0.78 -0.27	19.29 0.70 -0.20	19.55 0.69 -0.23	19.72 0.60 -0.42	20.63 0.71 -0.25	20.72 0.68 -0.57	21.08 0.79 -0.54	21.91 0.87 -0.23	23.28 0.99 -1.32	24.62 1.37 -2.18	26.47 1.79 -1.14	24.10 1.67 -1.24	23.44 1.63 -0.41	22.47 1.36 -0.13	20.97 1.03 -0.18	18.83 1.15 -0.74

ERIE_ST__34_KV_TB1-2 80199	19.82 -0.16 -0.13	15.00 0.07 -0.78	12.72 0.09 -1.04	12.62 0.17 -0.84	12.81 0.15 -0.94	17.06 -0.03 -0.22	17.96 0.33 0.00	17.82 0.30 0.00	17.11 -0.47 -0.18	18.03 -0.50 -0.13	18.21 -0.58 -0.15	18.42 -0.56 -0.28	19.48 -0.35 -0.17	19.45 -0.39 -0.38	19.91 -0.20 -0.36	20.89 -0.06 -0.15	21.70 -0.15 -0.86	22.60 0.11 -1.43	24.19 -0.09 -0.75	21.98 -0.02 -0.81	21.74 0.06 -0.27	20.88 -0.19 -0.09	19.58 -0.30 -0.12	17.74 0.32 -0.49
ERIE_WT_PWR 323693	20.06 0.08 -0.12	15.17 0.25 -0.77	12.86 0.24 -1.02	12.76 0.32 -0.83	12.95 0.30 -0.93	17.28 0.19 -0.22	17.89 0.26 0.00	17.75 0.23 0.00	17.28 -0.30 -0.17	18.19 -0.33 -0.13	18.35 -0.43 -0.15	18.56 -0.41 -0.27	19.52 -0.32 -0.16	19.58 -0.25 -0.37	20.04 -0.06 -0.35	21.02 0.06 -0.15	21.79 -0.04 -0.86	22.72 0.23 -1.42	24.35 0.07 -0.74	22.17 0.17 -0.80	21.91 0.24 -0.27	21.06 0.00 -0.09	19.78 -0.10 -0.12	17.92 0.51 -0.48
ESPRGFLD_115KV_TB1 80157	20.80 1.17 0.23	13.64 0.89 1.39	10.44 0.71 1.85	10.84 0.73 1.50	10.77 0.74 1.68	17.69 1.06 0.24	18.79 1.16 0.00	18.64 1.12 0.00	18.22 1.01 0.19	19.26 1.01 0.14	19.52 1.04 0.16	19.45 1.05 0.30	20.65 1.16 0.18	20.18 1.13 0.41	20.56 1.20 0.39	21.94 1.31 0.17	21.34 1.30 0.94	21.00 1.50 1.55	24.42 1.69 0.81	21.88 1.57 0.88	22.68 1.56 0.29	22.33 1.45 0.09	20.85 1.22 0.13	17.54 1.13 0.53
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.53 0.52 -0.16	15.60 0.44 -1.01	13.28 0.35 -1.35	13.06 0.36 -1.09	13.30 0.36 -1.22	17.64 0.51 -0.27	18.26 0.63 0.00	18.13 0.61 0.00	18.05 0.43 -0.21	18.99 0.44 -0.16	19.26 0.45 -0.18	19.45 0.41 -0.34	20.34 0.47 -0.20	20.33 0.41 -0.46	20.67 0.49 -0.43	21.55 0.56 -0.19	22.59 0.57 -1.05	23.58 0.78 -1.74	25.41 0.97 -0.91	23.02 0.85 -0.98	22.61 0.88 -0.33	21.75 0.67 -0.11	20.39 0.49 -0.14	18.22 0.69 -0.59
ETNA____115KV_TB2 80207	20.53 0.52 -0.16	15.60 0.44 -1.01	13.28 0.35 -1.35	13.06 0.36 -1.09	13.30 0.36 -1.22	17.64 0.51 -0.27	18.26 0.63 0.00	18.13 0.61 0.00	18.05 0.43 -0.21	18.99 0.44 -0.16	19.26 0.45 -0.18	19.45 0.41 -0.34	20.34 0.47 -0.20	20.33 0.41 -0.46	20.67 0.49 -0.43	21.55 0.56 -0.19	22.59 0.57 -1.05	23.58 0.78 -1.74	25.41 0.97 -0.91	23.02 0.85 -0.98	22.61 0.88 -0.33	21.75 0.67 -0.11	20.39 0.49 -0.14	18.22 0.69 -0.59
EUCLID____115KV_TB2 356179	19.90 -0.02 -0.07	14.58 0.03 -0.40	12.15 0.02 -0.54	12.05 0.01 -0.43	12.23 0.02 -0.49	17.07 0.05 -0.14	17.69 0.07 0.00	17.59 0.07 0.00	17.51 0.00 -0.11	18.48 0.00 -0.09	18.75 0.02 -0.10	18.88 0.00 -0.18	19.80 0.02 -0.11	19.65 -0.06 -0.25	19.98 0.00 -0.23	20.92 0.02 -0.10	21.56 0.02 -0.56	22.15 0.15 -0.93	24.19 0.16 -0.49	21.83 0.11 -0.53	21.71 0.13 -0.18	21.01 -0.02 -0.06	19.76 -0.08 -0.08	17.45 0.20 -0.32
E_CANADA_CAP_HY 24051	22.72 1.57 -1.29	23.28 1.13 -8.00	23.11 0.89 -10.63	21.14 0.94 -8.60	22.30 0.93 -9.66	20.01 1.43 -1.70	19.09 1.46 0.00	18.98 1.45 0.00	20.09 1.34 -1.35	20.76 1.36 -1.01	21.15 1.36 -1.15	22.20 1.36 -2.14	22.43 1.48 -1.28	23.85 1.48 -2.91	24.04 1.54 -2.75	23.69 1.71 -1.19	29.26 1.62 -6.66	33.90 1.79 -11.05	31.36 2.05 -5.77	29.35 1.91 -6.25	25.44 1.95 -2.08	23.51 1.87 -0.67	22.31 1.64 -0.92	22.12 1.42 -3.77
E_CANADA_MHWK_HY 24050	19.74 -0.12 0.00	14.06 -0.08 0.00	11.52 -0.07 0.00	11.49 -0.12 0.00	11.66 -0.06 0.00	16.89 -0.07 -0.09	17.59 -0.04 0.00	17.45 -0.07 0.00	17.35 -0.12 -0.07	18.30 -0.15 -0.05	18.54 -0.15 -0.06	18.55 -0.26 -0.11	19.46 -0.28 -0.06	19.30 -0.31 -0.15	19.61 -0.28 -0.14	20.59 -0.27 -0.06	21.08 -0.23 -0.34	21.58 -0.04 -0.56	23.83 0.00 -0.29	21.55 0.04 -0.32	21.53 0.02 -0.11	21.01 0.00 -0.03	19.74 -0.06 -0.05	17.22 0.10 -0.19
E_FISHKILL____LBMP 23776	21.69 1.01 -0.82	19.98 0.76 -5.07	18.98 0.66 -6.73	17.70 0.65 -5.45	18.47 0.63 -6.12	18.84 0.88 -1.09	18.58 0.95 0.00	18.52 1.00 0.00	19.29 1.03 -0.86	20.14 1.10 -0.64	20.53 1.16 -0.74	21.25 1.18 -1.37	21.81 1.32 -0.82	22.65 1.32 -1.86	22.85 1.34 -1.76	23.02 1.46 -0.76	26.73 1.49 -4.27	29.67 1.54 -7.07	28.91 1.67 -3.69	26.68 1.48 -4.00	24.22 1.48 -1.33	22.83 1.43 -0.43	21.67 1.32 -0.59	20.43 1.08 -2.41
FALCON____SEABRD_CC1 323796	18.88 -0.97 0.00	13.47 -0.68 0.00	11.00 -0.59 0.00	11.06 -0.55 0.00	11.07 -0.64 0.00	16.12 -0.78 -0.02	16.71 -0.92 0.00	16.61 -0.91 0.00	16.62 -0.80 -0.02	17.54 -0.86 -0.01	17.72 -0.93 -0.02	17.76 -0.97 -0.03	18.57 -1.12 -0.02	18.45 -1.05 -0.04	18.62 -1.17 -0.04	19.51 -1.31 -0.02	19.88 -1.19 -0.09	20.02 -1.20 -0.15	22.47 -1.15 -0.08	20.28 -1.00 -0.09	20.37 -1.07 -0.03	19.92 -1.07 -0.01	18.80 -0.97 -0.01	16.00 -0.98 -0.05
FALCON____SEABRD_CC2 323797	18.88 -0.97 0.00	13.47 -0.68 0.00	11.00 -0.59 0.00	11.06 -0.55 0.00	11.07 -0.64 0.00	16.12 -0.78 -0.02	16.71 -0.92 0.00	16.61 -0.91 0.00	16.62 -0.80 -0.02	17.54 -0.86 -0.01	17.72 -0.93 -0.02	17.76 -0.97 -0.03	18.57 -1.12 -0.02	18.45 -1.05 -0.04	18.62 -1.17 -0.04	19.51 -1.31 -0.02	19.88 -1.19 -0.09	20.02 -1.20 -0.15	22.47 -1.15 -0.08	20.28 -1.00 -0.09	20.37 -1.07 -0.03	19.92 -1.07 -0.01	18.80 -0.97 -0.01	16.00 -0.98 -0.05
FAR ROCKAWAY____4 23548	26.86 1.87 -5.14	22.30 1.39 -6.76	19.34 1.18 -6.57	18.03 1.11 -5.30	18.74 1.07 -5.96	19.37 1.43 -1.06	19.25 1.62 0.00	19.19 1.66 0.00	20.03 1.79 -0.84	21.33 1.91 -1.02	24.32 1.90 -3.79	25.02 1.94 -4.38	25.86 2.16 -4.03	25.94 2.16 -4.31	26.38 2.19 -4.44	26.37 2.37 -3.20	28.54 2.43 -5.13	30.52 2.53 -6.93	30.02 2.73 -3.75	28.98 2.44 -5.35	26.30 2.40 -2.49	25.94 2.33 -2.64	24.27 2.21 -2.30	23.06 1.86 -4.26
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.92 1.27 -0.80	20.03 0.95 -4.93	18.98 0.83 -6.55	17.72 0.81 -5.30	18.46 0.78 -5.96	19.01 1.08 -1.06	18.80 1.18 0.00	18.78 1.26 0.00	19.55 1.30 -0.84	20.46 1.43 -0.63	20.82 1.47 -0.72	21.55 1.51 -1.33	22.18 1.71 -0.80	23.01 1.73 -1.81	23.18 1.72 -1.71	23.41 1.87 -0.74	27.08 1.95 -4.16	29.98 2.02 -6.89	29.33 2.19 -3.60	27.02 1.93 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.03 1.70 -0.57	20.67 1.39 -2.35
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.92 1.27 -0.80	20.03 0.95 -4.93	18.98 0.83 -6.55	17.73 0.82 -5.30	18.46 0.78 -5.96	19.01 1.08 -1.06	18.80 1.18 0.00	18.78 1.26 0.00	19.55 1.30 -0.84	20.46 1.43 -0.63	20.82 1.47 -0.72	21.55 1.51 -1.33	22.18 1.71 -0.80	23.01 1.73 -1.81	23.18 1.72 -1.71	23.41 1.87 -0.74	27.08 1.95 -4.16	29.98 2.02 -6.89	29.33 2.19 -3.60	27.02 1.93 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.03 1.70 -0.57	20.67 1.39 -2.35
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.90 1.25 -0.80	20.01 0.93 -4.93	18.97 0.82 -6.55	17.72 0.81 -5.30	18.45 0.77 -5.96	19.00 1.06 -1.06	18.79 1.16 0.00	18.78 1.26 0.00	19.55 1.30 -0.84	20.44 1.42 -0.63	20.82 1.47 -0.72	21.55 1.51 -1.33	22.16 1.69 -0.80	22.99 1.71 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.06 1.93 -4.16	29.96 2.00 -6.89	29.30 2.17 -3.60	27.00 1.91 -3.90	24.55 1.84 -1.30	23.16 1.76 -0.42	22.01 1.68 -0.57	20.65 1.37 -2.35

FARRAGUT___LBMP 323566	21.90 1.25 -0.80	20.01 0.93 -4.93	18.97 0.82 -6.55	17.71 0.80 -5.30	18.45 0.77 -5.96	18.98 1.05 -1.06	18.77 1.15 0.00	18.77 1.24 0.00	19.53 1.29 -0.84	20.42 1.40 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.16 1.69 -0.80	22.97 1.69 -1.81	23.14 1.68 -1.71	23.39 1.85 -0.74	27.04 1.91 -4.16	29.93 1.98 -6.89	29.28 2.14 -3.60	26.98 1.89 -3.90	24.53 1.82 -1.30	23.16 1.76 -0.42	22.01 1.68 -0.57	20.64 1.35 -2.35
FENNER___WINDPWR 24204	20.32 0.38 -0.09	15.02 0.31 -0.56	12.57 0.24 -0.74	12.42 0.21 -0.60	12.64 0.25 -0.67	17.40 0.35 -0.18	18.05 0.42 0.00	17.91 0.38 0.00	17.84 0.30 -0.14	18.79 0.29 -0.11	19.05 0.30 -0.12	19.21 0.28 -0.22	20.10 0.30 -0.13	20.04 0.27 -0.30	20.37 0.34 -0.29	21.32 0.39 -0.12	22.07 0.40 -0.70	22.81 0.59 -1.15	24.83 0.68 -0.60	22.46 0.61 -0.65	22.24 0.62 -0.22	21.49 0.44 -0.07	20.17 0.32 -0.10	17.82 0.49 -0.39
FIBERTEK___ENERGY 23856	20.11 0.18 -0.08	14.81 0.18 -0.48	12.37 0.14 -0.64	12.26 0.14 -0.52	12.46 0.16 -0.58	17.27 0.24 -0.16	17.91 0.28 0.00	17.82 0.30 0.00	17.73 0.21 -0.13	18.73 0.24 -0.09	19.00 0.26 -0.11	19.14 0.24 -0.20	20.06 0.28 -0.12	19.93 0.19 -0.27	20.24 0.24 -0.26	21.20 0.29 -0.11	21.89 0.29 -0.62	22.52 0.42 -1.03	24.57 0.49 -0.54	22.16 0.38 -0.58	22.01 0.41 -0.19	21.27 0.23 -0.06	19.98 0.14 -0.09	17.69 0.41 -0.35
FITZPATRICK____ 23598	19.56 -0.34 -0.05	14.23 -0.20 -0.28	11.79 -0.17 -0.38	11.74 -0.17 -0.30	11.89 -0.16 -0.34	16.77 -0.22 -0.12	17.39 -0.23 0.00	17.29 -0.23 0.00	17.21 -0.28 -0.09	18.17 -0.30 -0.07	18.43 -0.28 -0.08	18.55 -0.30 -0.15	19.40 -0.35 -0.09	19.27 -0.39 -0.20	19.58 -0.35 -0.19	20.53 -0.35 -0.08	21.06 -0.38 -0.46	21.55 -0.27 -0.76	23.63 -0.31 -0.40	21.34 -0.28 -0.43	21.27 -0.28 -0.14	20.65 -0.38 -0.05	19.42 -0.39 -0.06	17.09 -0.10 -0.26
FLOWRFLD_69_KV_BK1 356044	27.08 2.08 -5.14	22.44 1.53 -6.76	19.48 1.32 -6.57	18.25 1.33 -5.30	18.84 1.16 -5.96	19.48 1.55 -1.06	19.40 1.78 0.00	19.33 1.80 0.00	20.21 1.97 -0.84	21.53 2.12 -1.02	24.57 2.14 -3.79	25.29 2.21 -4.38	28.83 2.44 -6.72	38.14 2.41 -16.26	39.46 2.45 -17.26	42.04 2.62 -18.62	52.12 2.62 -28.53	41.80 2.65 -18.08	54.67 2.90 -28.23	41.02 2.65 -17.18	41.98 2.68 -17.90	38.09 2.60 -14.51	36.19 2.53 -13.90	23.29 2.10 -4.26
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.81 1.15 -0.80	19.95 0.85 -4.96	18.90 0.73 -6.59	17.65 0.72 -5.33	18.43 0.73 -5.99	18.95 1.01 -1.07	18.72 1.09 0.00	18.64 1.12 0.00	19.34 1.10 -0.85	20.20 1.18 -0.63	20.57 1.21 -0.72	21.29 1.25 -1.34	21.85 1.38 -0.80	22.67 1.38 -1.82	22.87 1.40 -1.72	23.08 1.54 -0.74	26.73 1.57 -4.18	29.63 1.64 -6.92	28.94 1.79 -3.62	26.70 1.59 -3.92	24.34 1.63 -1.31	22.99 1.59 -0.42	21.79 1.46 -0.57	20.49 1.20 -2.36
FORT ORANGE____ 23900	21.51 0.64 -1.02	20.89 0.45 -6.29	20.30 0.36 -8.35	18.72 0.36 -6.76	19.70 0.39 -7.59	18.82 0.61 -1.34	18.29 0.67 0.00	18.17 0.65 0.00	19.07 0.61 -1.07	19.83 0.64 -0.80	20.16 0.61 -0.91	21.00 0.62 -1.69	21.39 0.71 -1.01	22.48 0.72 -2.30	22.67 0.75 -2.17	22.55 0.81 -0.94	27.04 0.80 -5.26	30.65 0.86 -8.72	29.08 0.99 -4.56	27.04 0.91 -4.94	23.99 0.94 -1.65	22.37 0.86 -0.53	21.25 0.77 -0.72	20.53 0.63 -2.97
FORT_DRUM_COGEN 23780	19.66 -0.24 -0.04	14.19 -0.20 -0.25	11.76 -0.15 -0.33	11.64 -0.23 -0.26	11.80 -0.21 -0.30	16.74 -0.24 -0.10	17.36 -0.26 0.00	17.14 -0.39 0.00	17.08 -0.40 -0.08	17.96 -0.50 -0.06	18.13 -0.58 -0.07	18.22 -0.62 -0.13	19.08 -0.67 -0.08	18.98 -0.66 -0.18	19.24 -0.67 -0.17	20.25 -0.62 -0.07	20.80 -0.59 -0.41	21.43 -0.32 -0.68	23.75 -0.14 -0.36	21.45 -0.13 -0.39	21.43 -0.11 -0.13	20.66 -0.36 -0.04	19.30 -0.51 -0.06	16.96 -0.20 -0.23
FPL_FAR_ROCK_GT1 24212	26.86 1.87 -5.14	22.30 1.39 -6.77	19.35 1.19 -6.57	18.03 1.11 -5.30	18.74 1.07 -5.96	19.27 1.33 -1.06	19.24 1.62 0.00	19.19 1.67 0.00	20.03 1.79 -0.84	21.34 1.91 -1.03	24.33 1.90 -3.79	25.02 1.94 -4.38	25.84 2.14 -4.03	25.94 2.16 -4.31	26.38 2.19 -4.44	26.37 2.37 -3.20	28.54 2.43 -5.13	30.52 2.53 -6.93	30.02 2.73 -3.75	28.98 2.44 -5.35	26.30 2.40 -2.49	25.94 2.33 -2.64	24.29 2.23 -2.30	23.06 1.86 -4.26
FPL_FAR_ROCK_GT2 23815	26.86 1.87 -5.14	22.30 1.39 -6.77	19.35 1.19 -6.57	18.03 1.11 -5.30	18.74 1.07 -5.96	19.27 1.33 -1.06	19.24 1.62 0.00	19.19 1.67 0.00	20.03 1.79 -0.84	21.34 1.91 -1.03	24.33 1.90 -3.79	25.02 1.94 -4.38	25.84 2.14 -4.03	25.94 2.16 -4.31	26.38 2.19 -4.44	26.37 2.37 -3.20	28.54 2.43 -5.13	30.52 2.53 -6.93	30.02 2.73 -3.75	28.98 2.44 -5.35	26.30 2.40 -2.49	25.94 2.33 -2.64	24.29 2.23 -2.30	23.06 1.86 -4.26
FRANKLIN_FALL_HYD 24054	18.72 -1.13 0.00	13.33 -0.82 0.00	10.89 -0.70 0.00	10.92 -0.68 0.00	10.96 -0.75 0.00	15.94 -0.96 -0.03	16.60 -1.02 0.00	16.51 -1.02 0.00	16.54 -0.89 -0.02	17.45 -0.96 -0.02	17.63 -1.02 -0.02	17.69 -1.05 -0.04	18.43 -1.26 -0.02	18.38 -1.13 -0.05	18.53 -1.26 -0.05	19.41 -1.41 -0.02	19.77 -1.32 -0.12	19.91 -1.35 -0.19	22.30 -1.34 -0.10	20.16 -1.14 -0.11	20.24 -1.20 -0.04	19.79 -1.20 -0.01	18.71 -1.07 -0.02	15.90 -1.10 -0.07
FREEPORT_EQUS_GT1 23764	26.76 1.77 -5.14	22.21 1.30 -6.77	19.28 1.12 -6.57	17.99 1.08 -5.30	18.67 1.00 -5.96	19.20 1.27 -1.06	19.14 1.52 0.00	19.08 1.56 0.00	19.93 1.69 -0.84	21.24 1.82 -1.03	24.25 1.83 -3.79	24.93 1.85 -4.38	25.74 2.03 -4.05	25.90 2.04 -4.40	26.35 2.07 -4.53	26.35 2.25 -3.30	28.57 2.31 -5.29	30.40 2.38 -6.95	30.05 2.59 -3.92	28.93 2.31 -5.43	26.27 2.27 -2.60	25.90 2.20 -2.72	24.25 2.12 -2.38	22.95 1.76 -4.26
FREEPORT___CT2 23818	26.76 1.77 -5.14	22.21 1.30 -6.77	19.28 1.12 -6.57	17.99 1.08 -5.30	18.67 1.00 -5.96	19.20 1.27 -1.06	19.14 1.52 0.00	19.08 1.56 0.00	19.93 1.69 -0.84	21.24 1.82 -1.03	24.25 1.83 -3.79	24.93 1.85 -4.38	25.74 2.03 -4.05	25.90 2.04 -4.40	26.35 2.07 -4.53	26.35 2.25 -3.30	28.57 2.31 -5.29	30.40 2.38 -6.95	30.05 2.59 -3.92	28.93 2.31 -5.43	26.27 2.27 -2.60	25.90 2.20 -2.72	24.25 2.12 -2.38	22.95 1.76 -4.26
FRESHKLS_33_KV_LOAD 356253	22.02 1.37 -0.80	20.07 0.99 -4.93	19.02 0.88 -6.55	17.78 0.87 -5.30	18.48 0.81 -5.96	18.94 1.01 -1.06	18.65 1.02 0.00	18.58 1.07 0.01	19.37 1.13 -0.84	20.29 1.27 -0.62	20.71 1.36 -0.71	21.43 1.40 -1.33	22.09 1.63 -0.79	22.94 1.67 -1.81	23.05 1.60 -1.71	23.28 1.75 -0.74	27.06 1.93 -4.15	29.91 1.96 -6.88	74.25 2.21 -48.50	26.99 1.91 -3.89	24.41 1.71 -1.29	23.07 1.68 -0.42	22.09 1.76 -0.57	20.74 1.46 -2.35
FULTON COGEN____ 23766	19.90 -0.02 -0.06	14.58 0.04 -0.39	12.13 0.02 -0.51	12.05 0.02 -0.42	12.22 0.04 -0.47	17.06 0.05 -0.14	17.71 0.09 0.00	17.63 0.11 0.00	17.53 0.02 -0.11	18.49 0.02 -0.08	18.77 0.04 -0.09	18.89 0.02 -0.17	19.79 0.02 -0.10	19.64 -0.06 -0.24	19.95 -0.02 -0.22	20.92 0.02 -0.10	21.52 0.00 -0.54	22.09 0.13 -0.90	24.17 0.16 -0.47	21.83 0.13 -0.51	21.73 0.15 -0.17	21.03 0.00 -0.05	19.75 -0.08 -0.07	17.44 0.20 -0.31

FULTON___LFGE 323630	23.57 2.50 -1.21	23.39 1.74 -7.50	22.92 1.37 -9.97	20.87 1.20 -8.06	22.21 1.43 -9.07	20.31 1.84 -1.60	19.91 2.29 0.00	19.83 2.31 0.00	20.88 2.21 -1.27	21.55 2.21 -0.95	21.90 2.18 -1.08	22.91 2.21 -2.01	23.21 2.34 -1.20	24.45 2.26 -2.73	24.68 2.35 -2.58	24.54 2.62 -1.12	29.88 2.64 -6.26	34.28 2.84 -10.38	32.21 3.25 -5.42	30.10 3.03 -5.87	26.47 3.10 -1.96	24.44 2.83 -0.63	23.11 2.49 -0.86	22.62 2.15 -3.54
G.F.CEMENT___DRP 24184	22.62 1.71 -1.06	21.88 1.16 -6.57	21.23 0.92 -8.73	19.59 0.92 -7.06	20.59 0.94 -7.94	19.66 1.38 -1.40	19.12 1.50 0.00	19.05 1.52 0.00	20.03 1.51 -1.11	20.81 1.58 -0.83	21.17 1.58 -0.95	21.88 1.42 -1.76	22.30 1.57 -1.06	23.38 1.52 -2.40	23.69 1.68 -2.27	23.63 1.85 -0.98	28.32 1.85 -5.50	32.09 1.92 -9.11	30.56 2.26 -4.76	28.43 2.08 -5.16	25.27 2.14 -1.72	23.44 1.91 -0.55	22.23 1.72 -0.76	21.48 1.44 -3.11
GARDENVILLE___LBMP 24039	20.02 0.04 -0.12	15.14 0.23 -0.77	12.83 0.22 -1.02	12.73 0.30 -0.83	12.92 0.28 -0.93	17.26 0.17 -0.22	17.84 0.21 0.00	17.70 0.18 0.00	17.24 -0.33 -0.17	18.16 -0.37 -0.13	18.32 -0.47 -0.15	18.54 -0.43 -0.27	19.60 -0.24 -0.16	19.54 -0.29 -0.37	20.00 -0.10 -0.35	20.97 0.02 -0.15	21.75 -0.08 -0.85	22.67 0.19 -1.42	24.30 0.02 -0.74	22.10 0.11 -0.80	21.87 0.19 -0.27	21.02 -0.04 -0.09	19.72 -0.16 -0.12	17.91 0.49 -0.48
GARDNVLA_35_KV_LD 355827	20.08 0.10 -0.12	15.19 0.27 -0.77	12.87 0.25 -1.03	12.77 0.34 -0.83	12.96 0.32 -0.93	17.29 0.20 -0.22	17.91 0.28 0.00	17.77 0.25 0.00	17.30 -0.28 -0.17	18.21 -0.31 -0.13	18.37 -0.41 -0.15	18.60 -0.37 -0.27	19.68 -0.16 -0.17	19.62 -0.21 -0.37	20.06 -0.04 -0.35	21.06 0.10 -0.15	21.83 0.00 -0.86	22.76 0.27 -1.42	24.40 0.12 -0.74	22.19 0.19 -0.80	21.95 0.28 -0.27	21.11 0.04 -0.09	19.78 -0.10 -0.12	17.96 0.54 -0.48
GELCKHM___115KV_LOAD 80723	19.96 0.04 -0.07	14.65 0.07 -0.43	12.22 0.06 -0.58	12.13 0.06 -0.47	12.31 0.07 -0.52	17.12 0.10 -0.15	17.76 0.14 0.00	17.66 0.14 0.00	17.59 0.07 -0.12	18.56 0.07 -0.09	18.83 0.09 -0.10	18.96 0.07 -0.19	19.88 0.10 -0.11	19.74 0.02 -0.26	20.07 0.08 -0.24	21.01 0.10 -0.10	21.67 0.10 -0.59	22.27 0.23 -0.97	24.31 0.26 -0.51	21.93 0.19 -0.55	21.80 0.21 -0.18	21.10 0.06 -0.06	19.84 0.00 -0.08	17.53 0.27 -0.33
GENERAL___MILLS 23808	20.04 0.06 -0.12	15.16 0.24 -0.77	12.85 0.23 -1.02	12.75 0.31 -0.83	12.94 0.29 -0.93	17.28 0.19 -0.22	17.89 0.26 0.00	17.75 0.23 0.00	17.26 -0.31 -0.17	18.17 -0.35 -0.13	18.35 -0.43 -0.15	18.56 -0.41 -0.27	19.62 -0.22 -0.16	19.58 -0.25 -0.37	20.02 -0.08 -0.35	21.02 0.06 -0.15	21.79 -0.04 -0.86	22.72 0.23 -1.42	24.35 0.07 -0.74	22.14 0.15 -0.80	21.89 0.21 -0.27	21.04 -0.02 -0.09	19.74 -0.14 -0.12	17.92 0.51 -0.48
GE_PLASTICS___DRP 24183	21.49 0.62 -1.02	20.88 0.44 -6.29	20.31 0.36 -8.36	18.73 0.36 -6.76	19.69 0.37 -7.60	18.79 0.57 -1.34	18.26 0.63 0.00	18.13 0.61 0.00	19.08 0.61 -1.07	19.83 0.64 -0.80	20.16 0.61 -0.91	21.01 0.62 -1.69	21.41 0.73 -1.01	22.48 0.72 -2.30	22.67 0.75 -2.17	22.55 0.81 -0.94	27.04 0.80 -5.27	30.66 0.86 -8.73	29.04 0.94 -4.56	27.00 0.87 -4.94	23.93 0.88 -1.65	22.32 0.82 -0.53	21.21 0.73 -0.72	20.52 0.61 -2.98
GILBOA___1 23756	21.29 0.65 -0.78	19.48 0.49 -4.84	18.43 0.42 -6.43	17.22 0.42 -5.20	18.01 0.46 -5.84	18.57 0.66 -1.05	18.35 0.72 0.00	18.19 0.67 0.00	18.87 0.64 -0.83	19.69 0.68 -0.62	20.05 0.71 -0.71	20.72 0.71 -1.31	21.24 0.79 -0.79	22.05 0.80 -1.79	22.27 0.83 -1.69	22.44 0.91 -0.73	25.97 0.90 -4.10	28.84 0.99 -6.79	28.17 1.08 -3.55	25.99 0.95 -3.84	23.65 0.96 -1.28	22.29 0.90 -0.41	21.15 0.83 -0.56	19.96 0.71 -2.32
GILBOA___2 23757	21.29 0.65 -0.78	19.48 0.49 -4.84	18.43 0.42 -6.43	17.22 0.42 -5.20	18.01 0.46 -5.84	18.57 0.66 -1.05	18.35 0.72 0.00	18.19 0.67 0.00	18.87 0.64 -0.83	19.69 0.68 -0.62	20.05 0.71 -0.71	20.72 0.71 -1.31	21.24 0.79 -0.79	22.05 0.80 -1.79	22.27 0.83 -1.69	22.44 0.91 -0.73	25.97 0.90 -4.10	28.84 0.99 -6.79	28.17 1.08 -3.55	25.99 0.95 -3.84	23.65 0.96 -1.28	22.29 0.90 -0.41	21.15 0.83 -0.56	19.96 0.71 -2.32
GILBOA___3 23758	21.29 0.65 -0.78	19.48 0.49 -4.84	18.43 0.42 -6.43	17.22 0.42 -5.20	18.01 0.46 -5.84	18.57 0.66 -1.05	18.35 0.72 0.00	18.19 0.67 0.00	18.87 0.64 -0.83	19.69 0.68 -0.62	20.05 0.71 -0.71	20.72 0.71 -1.31	21.24 0.79 -0.79	22.05 0.80 -1.79	22.27 0.83 -1.69	22.44 0.91 -0.73	25.97 0.90 -4.10	28.84 0.99 -6.79	28.17 1.08 -3.55	25.99 0.95 -3.84	23.65 0.96 -1.28	22.29 0.90 -0.41	21.15 0.83 -0.56	19.96 0.71 -2.32
GILBOA___4 23759	21.29 0.65 -0.78	19.48 0.49 -4.84	18.43 0.42 -6.43	17.22 0.42 -5.20	18.01 0.46 -5.84	18.57 0.66 -1.05	18.35 0.72 0.00	18.19 0.67 0.00	18.87 0.64 -0.83	19.69 0.68 -0.62	20.05 0.71 -0.71	20.72 0.71 -1.31	21.24 0.79 -0.79	22.05 0.80 -1.79	22.27 0.83 -1.69	22.44 0.91 -0.73	25.97 0.90 -4.10	28.84 0.99 -6.79	28.17 1.08 -3.55	25.99 0.95 -3.84	23.65 0.96 -1.28	22.29 0.90 -0.41	21.15 0.83 -0.56	19.96 0.71 -2.32
GILBOA___ 23599	21.29 0.66 -0.78	19.48 0.50 -4.84	18.43 0.42 -6.43	17.22 0.42 -5.20	18.01 0.46 -5.84	18.57 0.66 -1.05	18.35 0.72 0.00	18.19 0.67 0.00	18.87 0.64 -0.83	19.69 0.68 -0.62	20.05 0.71 -0.71	20.72 0.71 -1.31	21.26 0.81 -0.79	22.05 0.80 -1.79	22.27 0.83 -1.69	22.45 0.92 -0.73	25.98 0.90 -4.10	28.84 0.99 -6.79	28.17 1.08 -3.55	25.99 0.95 -3.84	23.65 0.96 -1.28	22.29 0.90 -0.41	21.13 0.81 -0.56	19.96 0.71 -2.32
GINNA___ 23603	19.29 -0.65 -0.09	14.33 -0.37 -0.55	11.98 -0.34 -0.73	11.87 -0.32 -0.59	12.06 -0.32 -0.66	16.54 -0.51 -0.17	16.92 -0.71 0.00	16.84 -0.68 0.00	16.81 -0.73 -0.14	17.74 -0.75 -0.10	18.01 -0.75 -0.12	18.17 -0.75 -0.22	19.05 -0.75 -0.13	19.04 -0.72 -0.30	19.36 -0.67 -0.28	20.24 -0.69 -0.12	20.95 -0.71 -0.68	21.63 -0.57 -1.13	23.50 -0.63 -0.59	21.24 -0.59 -0.64	21.08 -0.53 -0.21	20.31 -0.73 -0.07	19.04 -0.81 -0.09	17.06 -0.25 -0.39
GLEN PARK___ 23778	19.78 -0.12 -0.04	14.30 -0.10 -0.25	11.86 -0.07 -0.34	11.72 -0.16 -0.27	11.89 -0.13 -0.31	16.86 -0.12 -0.11	17.46 -0.16 0.00	17.24 -0.28 0.00	17.17 -0.31 -0.08	18.05 -0.40 -0.06	18.22 -0.48 -0.07	18.31 -0.52 -0.13	19.16 -0.59 -0.08	19.06 -0.58 -0.18	19.35 -0.57 -0.17	20.33 -0.54 -0.07	20.91 -0.48 -0.42	21.57 -0.19 -0.69	23.93 0.02 -0.36	21.63 0.04 -0.39	21.58 0.04 -0.13	20.81 -0.21 -0.04	19.46 -0.36 -0.06	17.08 -0.08 -0.24
GLENDALE_27_KV_LOAD 356172	22.04 1.39 -0.80	20.11 1.03 -4.93	19.06 0.92 -6.55	17.81 0.91 -5.30	18.53 0.86 -5.96	19.08 1.15 -1.06	18.84 1.22 0.00	18.82 1.30 0.00	19.56 1.32 -0.84	20.49 1.47 -0.63	20.90 1.55 -0.72	21.62 1.59 -1.33	22.28 1.81 -0.80	23.11 1.83 -1.81	23.24 1.78 -1.71	23.48 1.93 -0.74	27.19 2.06 -4.16	30.04 2.09 -6.89	29.49 2.35 -3.60	27.15 2.06 -3.90	24.61 1.91 -1.30	23.26 1.87 -0.42	22.17 1.84 -0.57	20.79 1.51 -2.35

GLENWOOD_IC_1_G5 23712	26.50 1.51 -5.14	22.03 1.12 -6.76	19.13 0.97 -6.57	17.85 0.94 -5.30	18.55 0.88 -5.96	19.13 1.20 -1.06	18.96 1.34 0.00	18.92 1.40 0.00	19.74 1.50 -0.84	21.02 1.60 -1.02	24.08 1.66 -3.79	24.76 1.68 -4.38	25.61 1.89 -4.05	25.74 1.89 -4.39	26.19 1.92 -4.52	26.16 2.06 -3.30	28.38 2.12 -5.28	30.23 2.21 -6.95	29.83 2.38 -3.91	28.74 2.12 -5.42	26.08 2.08 -2.59	25.71 2.01 -2.71	24.01 1.88 -2.38	22.73 1.54 -4.26
GLENWOOD_IC_2_G1 23688	26.36 1.37 -5.14	21.93 1.02 -6.76	19.05 0.89 -6.57	17.78 0.87 -5.30	18.48 0.81 -5.96	19.01 1.08 -1.06	18.86 1.23 0.00	18.82 1.30 0.00	19.62 1.37 -0.84	20.89 1.47 -1.02	23.95 1.53 -3.79	24.63 1.55 -4.38	25.41 1.71 -4.03	25.53 1.75 -4.31	25.94 1.76 -4.44	25.91 1.91 -3.20	28.06 1.95 -5.13	30.02 2.02 -6.93	29.48 2.19 -3.75	28.49 1.95 -5.35	25.83 1.93 -2.49	25.48 1.87 -2.64	23.80 1.74 -2.30	22.62 1.42 -4.26
GLENWOOD_IC_3_G1 23689	26.36 1.37 -5.14	21.93 1.02 -6.76	19.05 0.89 -6.57	17.78 0.87 -5.30	18.48 0.81 -5.96	19.01 1.08 -1.06	18.86 1.23 0.00	18.82 1.30 0.00	19.62 1.37 -0.84	20.89 1.47 -1.02	23.95 1.53 -3.79	24.63 1.55 -4.38	25.41 1.71 -4.03	25.53 1.75 -4.31	25.94 1.76 -4.44	25.91 1.91 -3.20	28.06 1.95 -5.13	30.02 2.02 -6.93	29.48 2.19 -3.75	28.49 1.95 -5.35	25.83 1.93 -2.49	25.48 1.87 -2.64	23.80 1.74 -2.30	22.62 1.42 -4.26
GLENWOOD___4 23550	26.50 1.51 -5.14	22.03 1.12 -6.76	19.13 0.97 -6.57	17.85 0.94 -5.30	18.55 0.88 -5.96	19.13 1.20 -1.06	18.96 1.34 0.00	18.92 1.40 0.00	19.74 1.50 -0.84	21.02 1.60 -1.02	24.08 1.66 -3.79	24.76 1.68 -4.38	25.61 1.89 -4.05	25.74 1.89 -4.39	26.19 1.92 -4.52	26.16 2.06 -3.30	28.38 2.12 -5.28	30.23 2.21 -6.95	29.83 2.38 -3.91	28.74 2.12 -5.42	26.08 2.08 -2.59	25.71 2.01 -2.71	24.01 1.88 -2.38	22.73 1.54 -4.26
GLENWOOD___5 23614	26.50 1.51 -5.14	22.03 1.12 -6.76	19.13 0.97 -6.57	17.85 0.94 -5.30	18.55 0.88 -5.96	19.13 1.20 -1.06	18.96 1.34 0.00	18.92 1.40 0.00	19.74 1.50 -0.84	21.02 1.60 -1.02	24.08 1.66 -3.79	24.76 1.68 -4.38	25.61 1.89 -4.05	25.74 1.89 -4.39	26.19 1.92 -4.52	26.16 2.06 -3.30	28.38 2.12 -5.28	30.23 2.21 -6.95	29.83 2.38 -3.91	28.74 2.12 -5.42	26.08 2.08 -2.59	25.71 2.01 -2.71	24.01 1.88 -2.38	22.73 1.54 -4.26
GLOBAL GREEN_PORT_GT1 23814	28.09 3.10 -5.14	23.15 2.23 -6.76	20.05 1.89 -6.57	18.77 1.86 -5.30	19.36 1.69 -5.96	20.19 2.26 -1.06	20.23 2.61 0.00	20.13 2.61 0.00	21.06 2.82 -0.84	22.47 3.05 -1.02	25.54 3.11 -3.79	26.30 3.22 -4.38	29.14 3.52 -5.95	35.84 3.54 -12.83	36.96 3.63 -13.58	38.95 3.95 -14.19	46.73 3.94 -21.81	41.76 4.23 -16.46	49.40 4.66 -21.20	39.07 4.09 -13.78	38.88 4.00 -13.48	35.90 3.82 -11.10	33.98 3.65 -10.57	24.24 3.05 -4.26
GLOBE___DSASP 323697	19.69 -0.28 -0.11	14.91 0.06 -0.71	12.66 0.13 -0.94	12.54 0.17 -0.76	12.74 0.16 -0.86	17.03 -0.05 -0.21	17.31 -0.32 0.00	17.10 -0.42 0.00	16.85 -0.71 -0.16	17.74 -0.77 -0.12	17.92 -0.86 -0.14	18.12 -0.84 -0.26	19.14 -0.69 -0.16	19.09 -0.72 -0.35	19.51 -0.57 -0.33	20.47 -0.48 -0.14	21.18 -0.61 -0.81	22.05 -0.36 -1.34	23.65 -0.59 -0.70	21.51 -0.45 -0.76	21.27 -0.39 -0.25	20.49 -0.57 -0.08	19.26 -0.61 -0.11	17.61 0.22 -0.46
GOETHSLN___LBMP 323567	21.82 1.17 -0.80	19.96 0.88 -4.93	18.92 0.78 -6.55	17.66 0.75 -5.30	18.40 0.73 -5.96	18.93 1.00 -1.06	18.72 1.09 0.00	18.73 1.21 0.00	19.49 1.25 -0.84	20.38 1.36 -0.63	20.77 1.42 -0.72	21.49 1.46 -1.33	22.12 1.65 -0.80	22.95 1.67 -1.81	23.12 1.66 -1.71	23.35 1.81 -0.74	27.02 1.89 -4.16	29.89 1.94 -6.89	29.26 2.12 -3.60	26.96 1.86 -3.90	24.48 1.78 -1.30	23.11 1.72 -0.42	21.95 1.62 -0.57	20.59 1.30 -2.35
GOLAH___69_KV_TB 1_2 80279	20.29 0.34 -0.09	15.11 0.38 -0.58	12.66 0.30 -0.77	12.58 0.35 -0.62	12.75 0.34 -0.70	17.44 0.39 -0.18	17.82 0.19 0.00	17.66 0.14 0.00	17.56 0.02 -0.14	18.50 0.00 -0.11	18.70 -0.06 -0.12	18.85 -0.07 -0.23	19.84 0.04 -0.14	19.77 0.00 -0.31	20.18 0.14 -0.29	21.11 0.19 -0.13	21.81 0.13 -0.70	22.61 0.38 -1.17	24.50 0.35 -0.61	22.23 0.38 -0.66	22.10 0.47 -0.22	21.28 0.23 -0.07	19.95 0.10 -0.10	17.96 0.63 -0.40
GOODYEAR_LAKE_HYD 323669	20.83 0.83 -0.14	15.66 0.65 -0.86	13.26 0.53 -1.14	13.07 0.53 -0.92	13.30 0.55 -1.04	17.89 0.79 -0.23	18.49 0.86 0.00	18.35 0.82 0.00	18.31 0.73 -0.18	19.28 0.75 -0.14	19.57 0.78 -0.16	19.77 0.79 -0.29	20.71 0.87 -0.17	20.71 0.86 -0.39	21.05 0.93 -0.37	21.96 1.00 -0.16	22.88 1.01 -0.90	23.73 1.18 -1.49	25.64 1.32 -0.78	23.24 1.21 -0.84	22.86 1.18 -0.28	22.14 1.07 -0.09	20.77 0.89 -0.12	18.30 0.86 -0.51
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.39 0.30 -0.23	15.89 0.30 -1.45	13.77 0.25 -1.92	13.43 0.27 -1.55	13.73 0.27 -1.75	17.55 0.32 -0.36	18.08 0.46 0.00	17.96 0.44 0.00	17.91 0.23 -0.28	18.84 0.24 -0.21	19.12 0.24 -0.24	19.37 0.22 -0.45	20.23 0.30 -0.27	20.34 0.27 -0.61	20.70 0.38 -0.57	21.48 0.44 -0.25	22.81 0.44 -1.39	23.98 0.61 -2.31	25.38 0.64 -1.20	23.05 0.55 -1.31	22.42 0.58 -0.44	21.54 0.42 -0.14	20.24 0.30 -0.19	18.24 0.52 -0.79
GOUDEY___7 23579	20.41 0.32 -0.23	15.90 0.31 -1.45	13.78 0.27 -1.92	13.44 0.28 -1.55	13.74 0.28 -1.75	17.56 0.34 -0.36	18.10 0.48 0.00	17.98 0.46 0.00	17.93 0.24 -0.28	18.86 0.26 -0.21	19.14 0.26 -0.24	19.39 0.24 -0.45	20.27 0.33 -0.27	20.36 0.29 -0.61	20.72 0.39 -0.57	21.53 0.48 -0.25	22.83 0.46 -1.39	24.00 0.63 -2.31	25.40 0.66 -1.20	23.07 0.57 -1.31	22.46 0.62 -0.44	21.56 0.44 -0.14	20.26 0.32 -0.19	18.26 0.54 -0.79
GOUDEY___8 23580	20.39 0.30 -0.23	15.89 0.30 -1.45	13.77 0.25 -1.92	13.43 0.27 -1.55	13.73 0.27 -1.75	17.55 0.32 -0.36	18.08 0.46 0.00	17.96 0.44 0.00	17.91 0.23 -0.28	18.84 0.24 -0.21	19.12 0.24 -0.24	19.37 0.22 -0.45	20.23 0.30 -0.27	20.34 0.27 -0.61	20.70 0.38 -0.57	21.48 0.44 -0.25	22.81 0.44 -1.39	23.98 0.61 -2.31	25.38 0.64 -1.20	23.05 0.55 -1.31	22.42 0.58 -0.44	21.54 0.42 -0.14	20.24 0.30 -0.19	18.24 0.52 -0.79
GOWANUS_GT1_1 24077	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.49 1.25 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.22 1.75 -0.80	23.05 1.77 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.08 1.99 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.15 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT1_2 24078	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.49 1.25 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.22 1.75 -0.80	23.05 1.77 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.08 1.99 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.15 1.82 -0.57	20.77 1.49 -2.35

GOWANUS_GT1_3 24079	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.49 1.25 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.22 1.75 -0.80	23.05 1.77 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.08 1.99 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.15 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT1_4 24080	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.49 1.25 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.22 1.75 -0.80	23.05 1.77 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.08 1.99 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.15 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT1_5 24084	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.49 1.25 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.22 1.75 -0.80	23.05 1.77 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.08 1.99 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.15 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT1_6 24111	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.49 1.25 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.22 1.75 -0.80	23.05 1.77 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.08 1.99 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.15 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT1_7 24112	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.49 1.25 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.22 1.75 -0.80	23.05 1.77 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.08 1.99 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.15 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT1_8 24113	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.49 1.25 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.22 1.75 -0.80	23.05 1.77 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.08 1.99 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.15 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT2_1 24114	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT2_2 24115	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT2_3 24116	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT2_4 24117	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT2_5 24118	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT2_6 24119	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT2_7 24120	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT2_8 24121	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT3_1 24122	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35

GOWANUS_GT3_2 24123	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT3_3 24124	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT3_4 24125	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT3_5 24126	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT3_6 24127	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT3_7 24128	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT3_8 24129	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT4_1 24130	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.49 1.25 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.22 1.75 -0.80	23.05 1.77 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.08 1.99 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.15 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT4_2 24131	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.49 1.25 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.22 1.75 -0.80	23.05 1.77 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.08 1.99 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.15 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT4_3 24132	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.49 1.25 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.22 1.75 -0.80	23.05 1.77 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.08 1.99 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.15 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT4_4 24133	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.49 1.25 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.22 1.75 -0.80	23.05 1.77 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.08 1.99 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.15 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT4_5 24134	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.49 1.25 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.22 1.75 -0.80	23.05 1.77 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.08 1.99 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.15 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT4_6 24135	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.49 1.25 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.22 1.75 -0.80	23.05 1.77 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.08 1.99 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.15 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT4_7 24136	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.49 1.25 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.22 1.75 -0.80	23.05 1.77 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.08 1.99 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.15 1.82 -0.57	20.77 1.49 -2.35
GOWANUS_GT4_8 24137	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.49 1.25 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.22 1.75 -0.80	23.05 1.77 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.08 1.99 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.15 1.82 -0.57	20.77 1.49 -2.35

GREENBSH_115KV_TB3 55895	21.41 0.54 -1.02	20.85 0.38 -6.32	20.29 0.30 -8.40	18.72 0.31 -6.80	19.67 0.32 -7.64	18.75 0.52 -1.35	18.21 0.58 0.00	18.06 0.54 0.00	19.03 0.56 -1.07	19.78 0.59 -0.80	20.09 0.54 -0.91	20.94 0.54 -1.70	21.34 0.65 -1.02	22.41 0.64 -2.31	22.60 0.67 -2.18	22.47 0.73 -0.94	26.98 0.71 -5.29	30.60 0.76 -8.77	28.97 0.85 -4.58	26.94 0.78 -4.97	23.85 0.79 -1.65	22.22 0.71 -0.53	21.14 0.65 -0.73	20.45 0.52 -2.99
GREENDGE_115KV_TB5 80291	20.36 0.36 -0.15	15.43 0.38 -0.90	13.09 0.30 -1.20	12.89 0.31 -0.97	13.14 0.34 -1.09	17.50 0.39 -0.24	18.15 0.53 0.00	18.06 0.54 0.00	17.86 0.26 -0.19	18.80 0.26 -0.14	19.04 0.24 -0.17	19.23 0.22 -0.31	20.17 0.31 -0.18	20.15 0.27 -0.42	20.54 0.39 -0.40	21.45 0.48 -0.17	22.42 0.48 -0.96	23.39 0.74 -1.59	25.24 0.87 -0.83	22.85 0.76 -0.90	22.52 0.81 -0.30	21.60 0.52 -0.10	20.22 0.34 -0.13	18.17 0.69 -0.54
GREENIDGE___3 23582	20.36 0.36 -0.15	15.43 0.38 -0.90	13.09 0.30 -1.20	12.89 0.31 -0.97	13.14 0.34 -1.09	17.50 0.39 -0.24	18.15 0.53 0.00	18.06 0.54 0.00	17.86 0.26 -0.19	18.80 0.26 -0.14	19.04 0.24 -0.17	19.23 0.22 -0.31	20.17 0.31 -0.18	20.15 0.27 -0.42	20.54 0.39 -0.40	21.45 0.48 -0.17	22.42 0.48 -0.96	23.39 0.74 -1.59	25.24 0.87 -0.83	22.85 0.76 -0.90	22.52 0.81 -0.30	21.60 0.52 -0.10	20.22 0.34 -0.13	18.17 0.69 -0.54
GREENIDGE___4 23583	20.36 0.36 -0.15	15.43 0.38 -0.90	13.09 0.30 -1.20	12.89 0.31 -0.97	13.14 0.34 -1.09	17.47 0.35 -0.24	18.15 0.53 0.00	18.07 0.54 0.00	17.86 0.26 -0.19	18.80 0.26 -0.14	19.04 0.24 -0.17	19.23 0.23 -0.31	20.11 0.26 -0.18	20.13 0.25 -0.42	20.52 0.37 -0.40	21.45 0.48 -0.17	22.42 0.48 -0.96	23.39 0.74 -1.59	25.24 0.87 -0.83	22.85 0.76 -0.90	22.52 0.81 -0.30	21.60 0.52 -0.10	20.22 0.34 -0.13	18.17 0.69 -0.54
GREENLWN_69_KV_BK 3 55738	26.77 1.77 -5.14	22.23 1.32 -6.76	19.30 1.14 -6.57	18.00 1.09 -5.30	18.68 1.01 -5.96	19.28 1.35 -1.06	19.17 1.55 0.00	19.10 1.58 0.00	19.98 1.74 -0.84	21.28 1.86 -1.02	24.29 1.86 -3.79	24.97 1.89 -4.38	25.49 2.07 -3.76	24.61 2.06 -3.09	24.96 2.09 -3.12	24.66 2.25 -1.61	25.98 2.29 -2.72	29.76 2.36 -6.34	27.32 2.57 -1.22	27.63 2.31 -4.13	24.60 2.29 -0.91	24.62 2.22 -1.42	23.00 2.13 -1.11	22.99 1.79 -4.27
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.49 1.25 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.22 1.75 -0.80	23.05 1.77 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.08 1.99 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.15 1.82 -0.57	20.77 1.49 -2.35
GRISSOM___SOLAR 323813	23.57 2.50 -1.21	23.39 1.74 -7.50	22.92 1.37 -9.97	20.87 1.20 -8.06	22.21 1.43 -9.07	20.31 1.84 -1.60	19.91 2.29 0.00	19.83 2.31 0.00	20.88 2.21 -1.27	21.55 2.21 -0.95	21.90 2.18 -1.08	22.91 2.21 -2.01	23.21 2.34 -1.20	24.45 2.26 -2.73	24.68 2.35 -2.58	24.54 2.62 -1.12	29.88 2.64 -6.26	34.28 2.84 -10.38	32.21 3.25 -5.42	30.10 3.03 -5.87	26.47 3.10 -1.96	24.44 2.83 -0.63	23.11 2.49 -0.86	22.62 2.15 -3.54
GROVEVILLE___HYD 323602	21.81 1.15 -0.80	19.95 0.85 -4.96	18.90 0.73 -6.59	17.65 0.72 -5.33	18.43 0.73 -5.99	18.95 1.01 -1.07	18.72 1.09 0.00	18.64 1.12 0.00	19.34 1.10 -0.85	20.20 1.18 -0.63	20.57 1.21 -0.72	21.29 1.25 -1.34	21.85 1.38 -0.80	22.67 1.38 -1.82	22.87 1.40 -1.72	23.08 1.54 -0.74	26.73 1.57 -4.18	29.63 1.64 -6.92	28.94 1.79 -3.62	26.70 1.59 -3.92	24.34 1.63 -1.31	22.99 1.59 -0.42	21.79 1.46 -0.57	20.49 1.20 -2.36
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.11 0.18 -0.08	14.81 0.18 -0.48	12.37 0.14 -0.64	12.26 0.14 -0.52	12.46 0.16 -0.58	17.27 0.24 -0.16	17.91 0.28 0.00	17.82 0.30 0.00	17.73 0.21 -0.13	18.73 0.24 -0.09	19.00 0.26 -0.11	19.14 0.24 -0.20	20.06 0.28 -0.12	19.93 0.19 -0.27	20.24 0.24 -0.26	21.20 0.29 -0.11	21.89 0.29 -0.62	22.52 0.42 -1.03	24.57 0.49 -0.54	22.16 0.38 -0.58	22.01 0.41 -0.19	21.27 0.23 -0.06	19.98 0.14 -0.09	17.69 0.41 -0.35
HAMLTNNY_34_KV_TB 80303	20.18 0.24 -0.08	14.88 0.23 -0.51	12.44 0.17 -0.68	12.35 0.20 -0.55	12.53 0.20 -0.62	17.31 0.27 -0.16	17.96 0.33 0.00	17.87 0.35 0.00	17.77 0.24 -0.13	18.77 0.28 -0.10	19.04 0.30 -0.11	19.19 0.28 -0.21	20.11 0.31 -0.12	20.00 0.25 -0.28	20.31 0.30 -0.27	21.27 0.35 -0.12	21.98 0.36 -0.65	22.62 0.48 -1.07	24.66 0.56 -0.56	22.24 0.45 -0.61	22.08 0.47 -0.20	21.34 0.29 -0.06	20.02 0.18 -0.09	17.75 0.46 -0.37
HAMPSHIRE___PAPER_HYD 323593	18.84 -1.03 -0.02	13.47 -0.81 -0.13	11.12 -0.64 -0.17	11.04 -0.71 -0.14	11.15 -0.71 -0.16	16.09 -0.84 -0.07	16.71 -0.92 0.00	16.54 -0.98 0.00	16.57 -0.89 -0.05	17.46 -0.98 -0.04	17.60 -1.08 -0.04	17.70 -1.09 -0.08	18.54 -1.18 -0.05	18.43 -1.15 -0.11	18.61 -1.24 -0.11	19.56 -1.29 -0.05	19.98 -1.26 -0.26	20.34 -1.16 -0.43	22.61 -1.15 -0.23	20.38 -1.06 -0.24	20.44 -1.05 -0.08	19.85 -1.15 -0.03	18.67 -1.13 -0.04	16.16 -0.91 -0.15
HARDSCRABBLE_WT_PWR 323673	19.68 -0.18 0.00	14.02 -0.13 0.00	11.48 -0.10 0.00	11.47 -0.14 0.00	11.62 -0.09 0.00	16.86 -0.10 -0.09	17.54 -0.09 0.00	17.40 -0.12 0.00	17.29 -0.17 -0.07	18.24 -0.20 -0.05	18.51 -0.19 -0.06	18.51 -0.30 -0.11	19.40 -0.33 -0.06	19.26 -0.35 -0.15	19.55 -0.34 -0.14	20.53 -0.33 -0.06	21.02 -0.29 -0.34	21.54 -0.08 -0.56	23.81 -0.02 -0.29	21.53 0.02 -0.32	21.51 0.00 -0.11	20.97 -0.04 -0.03	19.69 -0.12 -0.05	17.17 0.05 -0.19
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.62 1.03 -0.73	19.48 0.79 -4.55	18.31 0.68 -6.04	17.14 0.65 -4.89	17.87 0.67 -5.49	18.76 0.91 -0.98	18.61 0.99 0.00	18.56 1.03 0.00	19.20 1.03 -0.78	20.06 1.09 -0.58	20.45 1.16 -0.66	21.11 1.18 -1.23	21.71 1.30 -0.74	22.44 1.30 -1.68	22.67 1.34 -1.58	22.96 1.48 -0.68	26.29 1.47 -3.84	28.97 1.54 -6.37	28.51 1.65 -3.32	26.28 1.48 -3.60	24.13 1.52 -1.20	22.85 1.49 -0.39	21.63 1.34 -0.53	20.20 1.10 -2.17
HARSNRAD_115KV_TB1 81005	19.99 0.02 -0.11	15.06 0.21 -0.70	12.73 0.21 -0.93	12.62 0.27 -0.75	12.82 0.26 -0.84	17.21 0.13 -0.20	17.62 0.00 0.00	17.47 -0.05 0.00	17.16 -0.40 -0.16	18.07 -0.44 -0.12	18.25 -0.52 -0.14	18.45 -0.50 -0.26	19.51 -0.31 -0.15	19.46 -0.35 -0.35	19.88 -0.20 -0.33	20.86 -0.08 -0.14	21.57 -0.21 -0.80	22.45 0.06 -1.32	24.14 -0.09 -0.69	21.94 0.00 -0.75	21.72 0.06 -0.25	20.91 -0.15 -0.08	19.61 -0.26 -0.11	17.84 0.46 -0.45
HARZA MOOSE___RIVER 24016	19.88 0.00 -0.03	14.27 -0.04 -0.17	11.81 0.00 -0.22	11.68 -0.10 -0.18	11.84 -0.07 -0.20	16.95 -0.02 -0.10	17.59 -0.04 0.00	17.42 -0.11 0.00	17.41 -0.07 -0.08	18.32 -0.13 -0.06	18.49 -0.20 -0.07	18.58 -0.24 -0.12	19.49 -0.26 -0.07	19.37 -0.25 -0.16	19.67 -0.24 -0.16	20.74 -0.12 -0.07	21.25 -0.10 -0.38	21.77 0.08 -0.62	24.08 0.21 -0.33	21.65 0.11 -0.35	21.70 0.17 -0.12	20.93 -0.08 -0.04	19.61 -0.20 -0.05	17.23 0.08 -0.21

HDSNBRDG_115KV_BRDG_TB1 355580	19.98 0.06 -0.07	14.68 0.10 -0.44	12.24 0.07 -0.58	12.16 0.08 -0.47	12.32 0.08 -0.53	17.14 0.12 -0.15	17.78 0.16 0.00	17.68 0.16 0.00	17.61 0.09 -0.12	18.57 0.09 -0.09	18.85 0.11 -0.10	18.98 0.09 -0.19	19.90 0.12 -0.11	19.78 0.06 -0.26	20.09 0.10 -0.24	21.05 0.15 -0.11	21.71 0.15 -0.59	22.31 0.27 -0.98	24.36 0.31 -0.51	21.98 0.23 -0.55	21.85 0.26 -0.18	21.14 0.10 -0.06	19.86 0.02 -0.08	17.55 0.29 -0.33
HELLGATE_13_KV_LD 55870	21.97 1.31 -0.80	20.06 0.98 -4.94	19.01 0.87 -6.56	17.77 0.86 -5.30	18.50 0.82 -5.96	19.01 1.08 -1.06	18.77 1.15 0.00	18.73 1.21 0.00	19.48 1.24 -0.84	20.40 1.38 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.18 1.71 -0.80	23.01 1.73 -1.81	23.14 1.68 -1.71	23.37 1.83 -0.74	27.08 1.95 -4.16	29.93 1.98 -6.89	29.37 2.24 -3.60	27.04 1.95 -3.90	24.50 1.80 -1.30	23.16 1.76 -0.42	22.09 1.76 -0.57	20.72 1.44 -2.35
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.97 1.31 -0.80	20.06 0.98 -4.94	19.01 0.87 -6.56	17.77 0.86 -5.30	18.50 0.82 -5.96	19.01 1.08 -1.06	18.77 1.15 0.00	18.73 1.21 0.00	19.48 1.24 -0.84	20.40 1.38 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.18 1.71 -0.80	23.01 1.73 -1.81	23.14 1.68 -1.71	23.37 1.83 -0.74	27.08 1.95 -4.16	29.93 1.98 -6.89	29.37 2.24 -3.60	27.04 1.95 -3.90	24.50 1.80 -1.30	23.16 1.76 -0.42	22.09 1.76 -0.57	20.72 1.44 -2.35
HEMPSTEAD____ 23647	26.52 1.53 -5.14	22.06 1.15 -6.77	19.16 1.00 -6.57	17.87 0.96 -5.30	18.56 0.88 -5.96	19.06 1.13 -1.06	18.96 1.34 0.00	18.92 1.40 0.00	19.75 1.51 -0.84	21.06 1.64 -1.03	24.06 1.64 -3.79	24.76 1.68 -4.38	25.55 1.83 -4.05	25.72 1.87 -4.39	26.15 1.88 -4.52	26.14 2.04 -3.30	28.36 2.10 -5.28	30.19 2.17 -6.95	29.80 2.35 -3.91	28.71 2.10 -5.42	26.05 2.06 -2.59	25.69 1.99 -2.71	24.03 1.90 -2.38	22.75 1.56 -4.26
HEWLETT_69_KV_BK3 55828	26.74 1.75 -5.14	22.23 1.32 -6.76	19.28 1.12 -6.57	17.98 1.07 -5.30	18.68 1.01 -5.96	19.28 1.35 -1.06	19.16 1.53 0.00	19.10 1.58 0.00	19.95 1.71 -0.84	21.24 1.82 -1.02	24.23 1.81 -3.79	24.93 1.85 -4.38	25.75 2.05 -4.03	25.82 2.04 -4.31	26.24 2.05 -4.44	26.22 2.23 -3.20	28.39 2.29 -5.13	30.37 2.38 -6.93	29.88 2.59 -3.75	28.83 2.29 -5.35	26.15 2.25 -2.49	25.82 2.20 -2.64	24.15 2.09 -2.30	22.95 1.76 -4.26
HICKLING___1 23621	20.32 0.28 -0.18	15.66 0.37 -1.14	13.42 0.31 -1.52	13.21 0.37 -1.23	13.45 0.35 -1.38	17.49 0.32 -0.29	18.19 0.56 0.00	18.08 0.56 0.00	17.79 0.16 -0.23	18.73 0.17 -0.17	18.96 0.13 -0.20	19.18 0.11 -0.37	20.11 0.22 -0.22	20.14 0.18 -0.50	20.58 0.36 -0.48	21.46 0.46 -0.21	22.55 0.42 -1.15	23.65 0.67 -1.91	25.24 0.71 -1.00	22.91 0.64 -1.08	22.45 0.69 -0.36	21.53 0.44 -0.12	20.17 0.26 -0.16	18.23 0.64 -0.65
HICKLING___2 23622	20.32 0.28 -0.18	15.66 0.37 -1.14	13.42 0.31 -1.52	13.21 0.37 -1.23	13.45 0.35 -1.38	17.49 0.32 -0.29	18.19 0.56 0.00	18.08 0.56 0.00	17.79 0.16 -0.23	18.73 0.17 -0.17	18.96 0.13 -0.20	19.18 0.11 -0.37	20.11 0.22 -0.22	20.14 0.18 -0.50	20.58 0.36 -0.48	21.46 0.46 -0.21	22.55 0.42 -1.15	23.65 0.67 -1.91	25.24 0.71 -1.00	22.91 0.64 -1.08	22.45 0.69 -0.36	21.53 0.44 -0.12	20.17 0.26 -0.16	18.23 0.64 -0.65
HIGH FALLS___HY 23754	21.66 1.01 -0.79	19.79 0.76 -4.88	18.73 0.66 -6.48	17.45 0.60 -5.24	18.26 0.66 -5.89	18.81 0.89 -1.05	18.59 0.97 0.00	18.49 0.96 0.00	19.15 0.92 -0.83	20.01 0.99 -0.62	20.41 1.06 -0.71	21.10 1.08 -1.32	21.64 1.18 -0.79	22.46 1.21 -1.79	22.69 1.24 -1.69	22.91 1.37 -0.73	26.49 1.41 -4.11	29.35 1.47 -6.81	28.72 1.62 -3.56	26.51 1.46 -3.86	24.19 1.50 -1.28	22.88 1.49 -0.41	21.66 1.34 -0.56	20.37 1.12 -2.32
HILLBURN___GT 23639	21.65 1.05 -0.75	19.58 0.81 -4.63	18.45 0.71 -6.15	17.24 0.66 -4.97	17.99 0.68 -5.59	18.71 0.84 -1.00	18.61 0.99 0.00	18.57 1.05 0.00	19.27 1.08 -0.79	20.14 1.16 -0.59	20.54 1.23 -0.68	21.21 1.25 -1.25	21.80 1.38 -0.75	22.57 1.40 -1.71	22.80 1.44 -1.61	23.08 1.58 -0.70	26.46 1.57 -3.91	29.16 1.62 -6.48	28.67 1.74 -3.38	26.41 1.55 -3.67	24.19 1.56 -1.22	22.92 1.55 -0.39	21.70 1.40 -0.54	20.28 1.13 -2.21
HILLSIDE_115KV_TB1 80332	20.07 0.02 -0.19	15.49 0.16 -1.18	13.31 0.15 -1.57	13.05 0.17 -1.27	13.32 0.18 -1.43	17.26 0.08 -0.30	17.92 0.30 0.00	17.82 0.30 0.00	17.55 -0.09 -0.24	18.50 -0.07 -0.18	18.73 -0.11 -0.20	18.95 -0.13 -0.38	19.86 -0.04 -0.23	19.92 -0.06 -0.52	20.33 0.10 -0.49	21.20 0.19 -0.21	22.33 0.17 -1.18	23.40 0.38 -1.96	24.87 0.31 -1.02	22.60 0.30 -1.11	22.12 0.34 -0.37	21.24 0.15 -0.12	19.90 -0.02 -0.16	17.97 0.37 -0.67
HISHELDN_WT_PWR 323625	19.95 -0.04 -0.13	15.14 0.17 -0.82	12.86 0.17 -1.10	12.73 0.23 -0.89	12.93 0.22 -1.00	17.19 0.08 -0.23	17.76 0.14 0.00	17.63 0.11 0.00	17.22 -0.37 -0.18	18.12 -0.40 -0.14	18.29 -0.50 -0.16	18.49 -0.50 -0.29	19.41 -0.43 -0.17	19.46 -0.39 -0.39	19.92 -0.20 -0.37	20.88 -0.08 -0.16	21.73 -0.15 -0.90	22.68 0.13 -1.49	24.34 0.02 -0.78	22.14 0.11 -0.84	21.86 0.17 -0.28	21.00 -0.06 -0.09	19.70 -0.18 -0.12	17.86 0.42 -0.51
HOLTSVILLE_IC_1 23690	26.96 1.97 -5.14	22.35 1.44 -6.76	19.42 1.26 -6.57	18.14 1.23 -5.30	18.78 1.10 -5.96	19.35 1.42 -1.06	19.32 1.69 0.00	19.24 1.72 0.00	20.10 1.86 -0.84	21.41 1.99 -1.02	24.42 1.99 -3.79	25.12 2.04 -4.38	27.81 2.22 -5.92	34.38 2.24 -12.68	35.41 2.25 -13.41	37.20 2.41 -13.99	44.89 2.41 -21.50	40.08 2.53 -16.49	47.18 2.75 -20.88	37.34 2.52 -13.63	37.18 2.50 -13.27	34.36 2.43 -10.95	32.59 2.41 -10.42	23.19 2.00 -4.26
HOLTSVILLE_IC_10 23699	27.12 2.13 -5.14	22.45 1.54 -6.76	19.50 1.34 -6.57	18.23 1.32 -5.30	18.85 1.17 -5.96	19.48 1.55 -1.06	19.44 1.82 0.00	19.34 1.82 0.00	20.22 1.98 -0.84	21.53 2.11 -1.02	24.57 2.14 -3.79	25.27 2.19 -4.38	28.09 2.38 -6.04	35.08 2.39 -13.23	36.18 2.43 -14.00	38.10 2.60 -14.70	46.15 2.60 -22.58	40.05 2.72 -16.27	48.51 2.97 -22.01	38.08 2.71 -14.17	38.08 2.70 -13.98	35.09 2.62 -11.49	33.28 2.57 -10.95	23.33 2.13 -4.26
HOLTSVILLE_IC_2 23691	26.96 1.97 -5.14	22.35 1.44 -6.76	19.42 1.26 -6.57	18.14 1.23 -5.30	18.78 1.10 -5.96	19.35 1.42 -1.06	19.32 1.69 0.00	19.24 1.72 0.00	20.10 1.86 -0.84	21.41 1.99 -1.02	24.42 1.99 -3.79	25.12 2.04 -4.38	27.81 2.22 -5.92	34.38 2.24 -12.68	35.41 2.25 -13.41	37.20 2.41 -13.99	44.89 2.41 -21.50	40.08 2.53 -16.49	47.18 2.75 -20.88	37.34 2.52 -13.63	37.18 2.50 -13.27	34.36 2.43 -10.95	32.59 2.41 -10.42	23.19 2.00 -4.26
HOLTSVILLE_IC_3 23692	26.96 1.97 -5.14	22.35 1.44 -6.76	19.42 1.26 -6.57	18.14 1.23 -5.30	18.78 1.10 -5.96	19.35 1.42 -1.06	19.32 1.69 0.00	19.24 1.72 0.00	20.10 1.86 -0.84	21.41 1.99 -1.02	24.42 1.99 -3.79	25.12 2.04 -4.38	27.81 2.22 -5.92	34.38 2.24 -12.68	35.41 2.25 -13.41	37.20 2.41 -13.99	44.89 2.41 -21.50	40.08 2.53 -16.49	47.18 2.75 -20.88	37.34 2.52 -13.63	37.18 2.50 -13.27	34.36 2.43 -10.95	32.59 2.41 -10.42	23.19 2.00 -4.26

HOLTSVILLE_IC_4 23693	26.96 1.97 -5.14	22.35 1.44 -6.76	19.42 1.26 -6.57	18.14 1.23 -5.30	18.78 1.10 -5.96	19.35 1.42 -1.06	19.32 1.69 0.00	19.24 1.72 0.00	20.10 1.86 -0.84	21.41 1.99 -1.02	24.42 1.99 -3.79	25.12 2.04 -4.38	27.81 2.22 -5.92	34.38 2.24 -12.68	35.41 2.25 -13.41	37.20 2.41 -13.99	44.89 2.41 -21.50	40.08 2.53 -16.49	47.18 2.75 -20.88	37.34 2.52 -13.63	37.18 2.50 -13.27	34.36 2.43 -10.95	32.59 2.41 -10.42	23.19 2.00 -4.26
HOLTSVILLE_IC_5 23694	26.96 1.97 -5.14	22.35 1.44 -6.76	19.42 1.26 -6.57	18.14 1.23 -5.30	18.78 1.10 -5.96	19.35 1.42 -1.06	19.32 1.69 0.00	19.24 1.72 0.00	20.10 1.86 -0.84	21.41 1.99 -1.02	24.42 1.99 -3.79	25.12 2.04 -4.38	27.81 2.22 -5.92	34.38 2.24 -12.68	35.41 2.25 -13.41	37.20 2.41 -13.99	44.89 2.41 -21.50	40.08 2.53 -16.49	47.18 2.75 -20.88	37.34 2.52 -13.63	37.18 2.50 -13.27	34.36 2.43 -10.95	32.59 2.41 -10.42	23.19 2.00 -4.26
HOLTSVILLE_IC_6 23695	27.12 2.13 -5.14	22.45 1.54 -6.76	19.50 1.34 -6.57	18.23 1.32 -5.30	18.85 1.17 -5.96	19.48 1.55 -1.06	19.44 1.82 0.00	19.34 1.82 0.00	20.22 1.98 -0.84	21.53 2.11 -1.02	24.57 2.14 -3.79	25.27 2.19 -4.38	28.09 2.38 -6.04	35.08 2.39 -13.23	36.18 2.43 -14.00	38.10 2.60 -14.70	46.15 2.60 -22.58	40.05 2.72 -16.27	48.51 2.97 -22.01	38.08 2.71 -14.17	38.08 2.70 -13.98	35.09 2.62 -11.49	33.28 2.57 -10.95	23.33 2.13 -4.26
HOLTSVILLE_IC_7 23696	27.12 2.13 -5.14	22.45 1.54 -6.76	19.50 1.34 -6.57	18.23 1.32 -5.30	18.85 1.17 -5.96	19.48 1.55 -1.06	19.44 1.82 0.00	19.34 1.82 0.00	20.22 1.98 -0.84	21.53 2.11 -1.02	24.57 2.14 -3.79	25.27 2.19 -4.38	28.09 2.38 -6.04	35.08 2.39 -13.23	36.18 2.43 -14.00	38.10 2.60 -14.70	46.15 2.60 -22.58	40.05 2.72 -16.27	48.51 2.97 -22.01	38.08 2.71 -14.17	38.08 2.70 -13.98	35.09 2.62 -11.49	33.28 2.57 -10.95	23.33 2.13 -4.26
HOLTSVILLE_IC_8 23697	27.12 2.13 -5.14	22.45 1.54 -6.76	19.50 1.34 -6.57	18.23 1.32 -5.30	18.85 1.17 -5.96	19.48 1.55 -1.06	19.44 1.82 0.00	19.34 1.82 0.00	20.22 1.98 -0.84	21.53 2.11 -1.02	24.57 2.14 -3.79	25.27 2.19 -4.38	28.09 2.38 -6.04	35.08 2.39 -13.23	36.18 2.43 -14.00	38.10 2.60 -14.70	46.15 2.60 -22.58	40.05 2.72 -16.27	48.51 2.97 -22.01	38.08 2.71 -14.17	38.08 2.70 -13.98	35.09 2.62 -11.49	33.28 2.57 -10.95	23.33 2.13 -4.26
HOLTSVILLE_IC_9 23698	27.12 2.13 -5.14	22.45 1.54 -6.76	19.50 1.34 -6.57	18.23 1.32 -5.30	18.85 1.17 -5.96	19.48 1.55 -1.06	19.44 1.82 0.00	19.34 1.82 0.00	20.22 1.98 -0.84	21.53 2.11 -1.02	24.57 2.14 -3.79	25.27 2.19 -4.38	28.09 2.38 -6.04	35.08 2.39 -13.23	36.18 2.43 -14.00	38.10 2.60 -14.70	46.15 2.60 -22.58	40.05 2.72 -16.27	48.51 2.97 -22.01	38.08 2.71 -14.17	38.08 2.70 -13.98	35.09 2.62 -11.49	33.28 2.57 -10.95	23.33 2.13 -4.26
HOMER_HL_115KV_TB2 355744	19.48 -0.52 -0.14	14.86 -0.16 -0.87	12.65 -0.09 -1.16	12.55 0.01 -0.94	12.73 -0.04 -1.05	16.77 -0.34 -0.24	17.96 0.33 0.00	17.80 0.28 0.00	16.88 -0.71 -0.19	17.82 -0.72 -0.14	17.96 -0.84 -0.16	18.18 -0.82 -0.30	19.16 -0.69 -0.18	19.15 -0.72 -0.41	19.68 -0.45 -0.39	20.61 -0.35 -0.17	21.47 -0.44 -0.94	22.45 -0.17 -1.55	23.90 -0.45 -0.81	21.77 -0.30 -0.88	21.46 -0.24 -0.29	20.63 -0.44 -0.09	19.29 -0.59 -0.13	17.46 0.00 -0.53
HOWARD_WT_PWR 323690	20.21 0.20 -0.15	15.42 0.31 -0.96	13.13 0.27 -1.27	12.96 0.32 -1.03	13.20 0.33 -1.16	17.40 0.27 -0.26	18.12 0.49 0.00	17.99 0.47 0.00	17.60 0.00 -0.20	18.49 -0.06 -0.15	18.64 -0.17 -0.17	18.82 -0.21 -0.32	19.70 -0.16 -0.19	19.78 -0.12 -0.44	20.24 0.08 -0.41	21.19 0.21 -0.18	22.19 0.21 -1.00	23.30 0.57 -1.67	25.07 0.66 -0.87	22.79 0.66 -0.94	22.47 0.75 -0.31	21.52 0.44 -0.10	20.15 0.26 -0.14	18.21 0.71 -0.57
HQ_GEN_CEDARS 23644	19.12 -0.73 0.00	13.57 -0.58 0.00	11.10 -0.49 0.00	11.10 -0.51 0.00	11.21 -0.50 0.00	16.43 -0.47 -0.03	17.11 -0.51 0.00	17.00 -0.53 0.00	16.97 -0.45 -0.02	17.91 -0.50 -0.02	18.13 -0.52 -0.02	18.23 -0.50 -0.03	18.98 -0.71 -0.02	18.96 -0.54 -0.05	19.08 -0.71 -0.04	19.97 -0.85 -0.02	20.25 -0.84 -0.11	20.32 -0.93 -0.18	22.67 -0.97 -0.09	20.47 -0.83 -0.10	20.58 -0.86 -0.03	20.21 -0.78 -0.01	19.16 -0.61 -0.01	16.28 -0.71 -0.06
HQ_GEN_CEDARS_PROXY 323590	19.10 -0.75 0.00	13.57 -0.58 0.00	11.10 -0.49 0.00	11.10 -0.51 0.00	11.21 -0.50 0.00	16.41 -0.49 -0.03	17.11 -0.51 0.00	17.00 -0.53 0.00	16.97 -0.45 -0.02	17.91 -0.50 -0.02	18.13 -0.52 -0.02	18.23 -0.50 -0.03	19.10 -0.59 -0.02	18.96 -0.54 -0.05	19.10 -0.69 -0.04	19.97 -0.85 -0.02	20.25 -0.84 -0.11	20.32 -0.93 -0.18	22.67 -0.97 -0.09	20.47 -0.83 -0.10	20.58 -0.86 -0.03	20.21 -0.78 -0.01	19.10 -0.67 -0.01	16.28 -0.71 -0.06
HQ_GEN_IMPORT 323601	19.50 -0.36 0.00	13.84 -0.31 0.00	11.33 -0.25 0.00	11.34 -0.27 0.00	11.45 -0.27 0.00	16.60 -0.27 0.00	17.32 -0.30 0.00	17.22 -0.30 0.00	17.14 -0.26 0.00	18.12 -0.28 0.00	18.34 -0.30 0.00	18.40 -0.30 0.00	19.33 -0.33 0.00	19.15 -0.31 0.00	19.39 -0.35 0.00	20.40 -0.40 0.00	20.60 -0.38 0.00	20.60 -0.46 0.00	23.02 -0.52 0.00	20.75 -0.45 0.00	20.96 -0.45 0.00	20.60 -0.38 0.00	19.42 -0.34 0.00	16.56 -0.37 0.00
HQ_GEN_WHEEL 23651	19.50 -0.36 0.00	13.84 -0.31 0.00	11.33 -0.25 0.00	11.34 -0.27 0.00	11.45 -0.27 0.00	16.60 -0.27 0.00	17.32 -0.30 0.00	17.22 -0.30 0.00	17.14 -0.26 0.00	18.12 -0.28 0.00	18.34 -0.30 0.00	18.40 -0.30 0.00	19.33 -0.33 0.00	19.15 -0.31 0.00	19.39 -0.35 0.00	20.40 -0.40 0.00	20.60 -0.38 0.00	20.60 -0.46 0.00	23.02 -0.52 0.00	20.75 -0.45 0.00	20.96 -0.45 0.00	20.60 -0.38 0.00	19.42 -0.34 0.00	16.56 -0.37 0.00
HUDSON_AVE_GT_3 23810	21.92 1.27 -0.80	20.03 0.95 -4.93	18.98 0.83 -6.55	17.72 0.81 -5.30	18.46 0.78 -5.96	19.01 1.08 -1.06	18.80 1.18 0.00	18.78 1.26 0.00	19.55 1.30 -0.84	20.46 1.43 -0.63	20.82 1.47 -0.72	21.55 1.51 -1.33	22.18 1.71 -0.80	23.01 1.73 -1.81	23.18 1.72 -1.71	23.41 1.87 -0.74	27.08 1.95 -4.16	29.98 2.02 -6.89	29.33 2.19 -3.60	27.02 1.93 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.03 1.70 -0.57	20.67 1.39 -2.35
HUDSON_AVE_GT_4 23540	21.92 1.27 -0.80	20.03 0.95 -4.93	18.98 0.83 -6.55	17.72 0.81 -5.30	18.46 0.78 -5.96	19.01 1.08 -1.06	18.80 1.18 0.00	18.78 1.26 0.00	19.55 1.30 -0.84	20.46 1.43 -0.63	20.82 1.47 -0.72	21.55 1.51 -1.33	22.18 1.71 -0.80	23.01 1.73 -1.81	23.18 1.72 -1.71	23.41 1.87 -0.74	27.08 1.95 -4.16	29.98 2.02 -6.89	29.33 2.19 -3.60	27.02 1.93 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.03 1.70 -0.57	20.67 1.39 -2.35
HUDSON_AVE_GT_5 23657	21.92 1.27 -0.80	20.03 0.95 -4.93	18.98 0.83 -6.55	17.72 0.81 -5.30	18.46 0.78 -5.96	19.01 1.08 -1.06	18.80 1.18 0.00	18.78 1.26 0.00	19.55 1.30 -0.84	20.46 1.43 -0.63	20.82 1.47 -0.72	21.55 1.51 -1.33	22.18 1.71 -0.80	23.01 1.73 -1.81	23.18 1.72 -1.71	23.41 1.87 -0.74	27.08 1.95 -4.16	29.98 2.02 -6.89	29.33 2.19 -3.60	27.02 1.93 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.03 1.70 -0.57	20.67 1.39 -2.35

HUDSON_AVE_10 24168	21.88 1.23 -0.80	20.00 0.92 -4.93	18.95 0.81 -6.55	17.70 0.79 -5.30	18.44 0.76 -5.96	18.98 1.05 -1.06	18.77 1.15 0.00	18.77 1.24 0.00	19.55 1.30 -0.84	20.44 1.42 -0.63	20.79 1.43 -0.72	21.51 1.48 -1.33	22.14 1.67 -0.80	22.97 1.69 -1.81	23.14 1.68 -1.71	23.37 1.83 -0.74	27.04 1.91 -4.16	29.93 1.98 -6.89	29.30 2.17 -3.60	26.98 1.89 -3.90	24.53 1.82 -1.30	23.14 1.74 -0.42	22.03 1.70 -0.57	20.64 1.35 -2.35
HUDSON___115KV_TB 4 355613	21.76 0.91 -0.99	20.90 0.62 -6.14	20.21 0.48 -8.15	18.69 0.49 -6.59	19.65 0.53 -7.41	18.99 0.81 -1.31	18.56 0.93 0.00	18.40 0.88 0.00	19.22 0.78 -1.04	19.98 0.81 -0.78	20.30 0.78 -0.89	21.11 0.77 -1.65	21.52 0.87 -0.99	22.56 0.86 -2.24	22.75 0.89 -2.12	22.71 1.00 -0.92	27.08 0.96 -5.14	30.66 1.07 -8.52	29.24 1.25 -4.45	27.18 1.17 -4.82	24.25 1.24 -1.61	22.60 1.11 -0.52	21.45 0.99 -0.71	20.67 0.83 -2.90
HUNTER MOUNT___DRP 323613	21.73 0.91 -0.96	20.69 0.61 -5.93	19.93 0.46 -7.88	18.46 0.48 -6.37	19.42 0.54 -7.16	18.97 0.83 -1.27	18.63 1.00 0.00	18.43 0.91 0.00	19.15 0.75 -1.01	19.92 0.77 -0.75	20.20 0.71 -0.86	21.00 0.71 -1.59	21.43 0.81 -0.96	22.41 0.78 -2.17	22.63 0.83 -2.05	22.60 0.92 -0.89	26.83 0.88 -4.97	30.27 0.97 -8.24	29.00 1.15 -4.30	26.96 1.10 -4.66	24.18 1.22 -1.55	22.57 1.09 -0.50	21.39 0.95 -0.68	20.54 0.80 -2.81
HUNTINGTON_RES_REC 323705	26.92 1.93 -5.14	22.33 1.41 -6.76	19.38 1.22 -6.57	18.13 1.22 -5.30	18.75 1.08 -5.96	19.35 1.42 -1.06	19.28 1.66 0.00	19.20 1.68 0.00	20.09 1.84 -0.84	21.41 1.99 -1.02	24.42 1.99 -3.79	25.12 2.04 -4.38	30.79 2.24 -8.88	47.56 2.26 -25.84	49.56 2.27 -27.54	54.24 2.45 -30.99	70.76 2.50 -47.29	46.91 2.55 -23.30	74.18 2.78 -47.87	50.38 2.52 -26.67	54.16 2.50 -30.25	20.45 2.41 2.94	18.96 2.35 3.15	23.14 1.95 -4.26
HUNTLEY___63 23557	20.09 0.12 -0.12	15.18 0.31 -0.72	12.85 0.30 -0.96	12.76 0.37 -0.78	12.95 0.36 -0.88	17.35 0.27 -0.21	17.75 0.12 0.00	17.59 0.07 0.00	17.25 -0.31 -0.17	18.15 -0.37 -0.12	18.33 -0.45 -0.14	18.55 -0.41 -0.26	19.63 -0.20 -0.16	19.57 -0.25 -0.36	19.99 -0.10 -0.34	20.99 0.04 -0.15	21.71 -0.08 -0.82	22.61 0.19 -1.36	24.27 0.02 -0.71	22.07 0.11 -0.77	21.86 0.19 -0.26	21.02 -0.04 -0.08	19.73 -0.14 -0.11	17.95 0.56 -0.46
HUNTLEY___64 23558	20.09 0.12 -0.12	15.18 0.31 -0.72	12.85 0.30 -0.96	12.76 0.37 -0.78	12.95 0.36 -0.88	17.35 0.27 -0.21	17.75 0.12 0.00	17.59 0.07 0.00	17.25 -0.31 -0.17	18.15 -0.37 -0.12	18.33 -0.45 -0.14	18.55 -0.41 -0.26	19.63 -0.20 -0.16	19.57 -0.25 -0.36	19.99 -0.10 -0.34	20.99 0.04 -0.15	21.71 -0.08 -0.82	22.61 0.19 -1.36	24.27 0.02 -0.71	22.07 0.11 -0.77	21.86 0.19 -0.26	21.02 -0.04 -0.08	19.73 -0.14 -0.11	17.95 0.56 -0.46
HUNTLEY___65 23559	20.09 0.12 -0.12	15.18 0.31 -0.72	12.85 0.30 -0.96	12.76 0.37 -0.78	12.95 0.36 -0.88	17.35 0.27 -0.21	17.75 0.12 0.00	17.59 0.07 0.00	17.25 -0.31 -0.17	18.15 -0.37 -0.12	18.33 -0.45 -0.14	18.55 -0.41 -0.26	19.63 -0.20 -0.16	19.57 -0.25 -0.36	19.99 -0.10 -0.34	20.99 0.04 -0.15	21.71 -0.08 -0.82	22.61 0.19 -1.36	24.27 0.02 -0.71	22.07 0.11 -0.77	21.86 0.19 -0.26	21.02 -0.04 -0.08	19.73 -0.14 -0.11	17.95 0.56 -0.46
HUNTLEY___66 23560	20.09 0.12 -0.12	15.18 0.31 -0.72	12.85 0.30 -0.96	12.76 0.37 -0.78	12.95 0.36 -0.88	17.35 0.27 -0.21	17.75 0.12 0.00	17.59 0.07 0.00	17.25 -0.31 -0.17	18.15 -0.37 -0.12	18.33 -0.45 -0.14	18.55 -0.41 -0.26	19.63 -0.20 -0.16	19.57 -0.25 -0.36	19.99 -0.10 -0.34	20.99 0.04 -0.15	21.71 -0.08 -0.82	22.61 0.19 -1.36	24.27 0.02 -0.71	22.07 0.11 -0.77	21.86 0.19 -0.26	21.02 -0.04 -0.08	19.73 -0.14 -0.11	17.95 0.56 -0.46
HUNTLEY___67 23561	19.97 0.00 -0.12	15.10 0.21 -0.74	12.78 0.21 -0.98	12.67 0.27 -0.79	12.86 0.26 -0.89	17.22 0.13 -0.21	17.68 0.05 0.00	17.54 0.02 0.00	17.19 -0.38 -0.17	18.10 -0.42 -0.13	18.27 -0.50 -0.14	18.48 -0.49 -0.27	19.51 -0.31 -0.16	19.47 -0.35 -0.36	19.91 -0.18 -0.34	20.86 -0.08 -0.15	21.62 -0.19 -0.83	22.53 0.08 -1.38	24.17 -0.09 -0.72	21.97 0.00 -0.78	21.73 0.06 -0.26	20.91 -0.15 -0.08	19.63 -0.24 -0.11	17.84 0.44 -0.47
HUNTLEY___68 23562	19.97 0.00 -0.12	15.10 0.21 -0.74	12.78 0.21 -0.98	12.67 0.27 -0.79	12.86 0.26 -0.89	17.22 0.13 -0.21	17.68 0.05 0.00	17.54 0.02 0.00	17.19 -0.38 -0.17	18.10 -0.42 -0.13	18.27 -0.50 -0.14	18.48 -0.49 -0.27	19.51 -0.31 -0.16	19.47 -0.35 -0.36	19.91 -0.18 -0.34	20.86 -0.08 -0.15	21.62 -0.19 -0.83	22.53 0.08 -1.38	24.17 -0.09 -0.72	21.97 0.00 -0.78	21.73 0.06 -0.26	20.91 -0.15 -0.08	19.63 -0.24 -0.11	17.84 0.44 -0.47
HYLAND___LFGE 323620	20.90 0.91 -0.13	15.75 0.81 -0.80	13.26 0.61 -1.06	13.18 0.72 -0.86	13.34 0.67 -0.96	18.01 0.91 -0.22	18.42 0.79 0.00	18.19 0.67 0.00	17.80 0.23 -0.18	18.36 -0.17 -0.13	18.28 -0.50 -0.15	18.46 -0.52 -0.28	19.33 -0.51 -0.17	19.28 -0.57 -0.38	19.69 -0.42 -0.36	20.64 -0.31 -0.16	21.62 -0.23 -0.88	22.83 0.32 -1.45	25.07 0.78 -0.76	23.14 1.12 -0.82	23.09 1.41 -0.27	22.13 1.07 -0.09	20.67 0.79 -0.12	18.68 1.25 -0.50
INDECK___CORINTH 23802	22.51 1.59 -1.06	21.82 1.09 -6.59	21.18 0.85 -8.75	19.54 0.86 -7.08	20.54 0.87 -7.96	19.61 1.33 -1.41	19.03 1.41 0.00	18.96 1.44 0.00	19.94 1.43 -1.12	20.72 1.49 -0.83	21.08 1.49 -0.95	21.74 1.27 -1.77	22.13 1.40 -1.06	23.23 1.36 -2.40	23.60 1.58 -2.27	23.51 1.73 -0.98	28.21 1.72 -5.51	31.99 1.79 -9.14	30.43 2.12 -4.77	28.33 1.97 -5.17	25.16 2.03 -1.72	23.33 1.80 -0.55	22.13 1.62 -0.76	21.40 1.36 -3.11
INDECK___ILION 23567	19.87 0.02 0.00	14.16 0.01 0.00	11.60 0.01 0.00	11.60 -0.01 0.00	11.74 0.02 0.00	17.08 0.12 -0.09	17.73 0.11 0.00	17.61 0.09 0.00	17.50 0.03 -0.07	18.46 0.02 -0.05	18.73 0.04 -0.06	18.79 -0.02 -0.11	19.73 0.00 -0.06	19.57 -0.04 -0.15	19.89 0.00 -0.14	20.88 0.02 -0.06	21.36 0.04 -0.34	21.81 0.19 -0.56	24.07 0.24 -0.29	21.72 0.21 -0.32	21.73 0.21 -0.11	21.14 0.13 -0.03	19.84 0.04 -0.05	17.34 0.22 -0.19
INDECK___OLEAN 23982	19.50 -0.50 -0.14	14.86 -0.16 -0.87	12.66 -0.08 -1.16	12.54 0.00 -0.94	12.73 -0.04 -1.05	16.79 -0.32 -0.24	17.96 0.33 0.00	17.80 0.28 0.00	16.88 -0.71 -0.19	17.82 -0.72 -0.14	17.96 -0.84 -0.16	18.18 -0.82 -0.30	19.06 -0.79 -0.18	19.15 -0.72 -0.41	19.68 -0.45 -0.39	20.61 -0.35 -0.17	21.49 -0.42 -0.94	22.44 -0.17 -1.55	23.90 -0.45 -0.81	21.77 -0.30 -0.88	21.46 -0.24 -0.29	20.63 -0.44 -0.09	19.31 -0.57 -0.13	17.46 0.00 -0.53
INDECK___OSWEGO 23783	19.76 -0.16 -0.06	14.45 -0.07 -0.38	12.03 -0.06 -0.50	11.96 -0.06 -0.41	12.12 -0.05 -0.46	16.96 -0.05 -0.14	17.57 -0.05 0.00	17.47 -0.05 0.00	17.40 -0.10 -0.11	18.36 -0.11 -0.08	18.61 -0.11 -0.09	18.74 -0.13 -0.17	19.61 -0.16 -0.10	19.48 -0.21 -0.23	19.79 -0.18 -0.22	20.75 -0.14 -0.09	21.36 -0.15 -0.53	21.90 -0.04 -0.88	23.98 -0.02 -0.46	21.65 -0.04 -0.50	21.55 -0.02 -0.17	20.86 -0.17 -0.05	19.63 -0.20 -0.07	17.30 0.07 -0.30

INDECK___YERKES 23781	20.11 0.14 -0.12	15.20 0.33 -0.72	12.86 0.31 -0.96	12.77 0.38 -0.78	12.96 0.37 -0.88	17.33 0.25 -0.21	17.76 0.14 0.00	17.61 0.09 0.00	17.27 -0.30 -0.17	18.17 -0.35 -0.12	18.35 -0.43 -0.14	18.55 -0.41 -0.26	19.51 -0.32 -0.16	19.59 -0.23 -0.36	20.01 -0.08 -0.34	21.01 0.06 -0.15	21.73 -0.06 -0.82	22.63 0.21 -1.36	24.30 0.05 -0.71	22.09 0.13 -0.77	21.88 0.21 -0.26	21.04 -0.02 -0.08	19.75 -0.12 -0.11	17.97 0.58 -0.46
INDIAN POINT_GT_1 24139	21.71 1.07 -0.79	19.83 0.82 -4.87	18.76 0.71 -6.47	17.55 0.71 -5.23	18.26 0.67 -5.88	18.85 0.93 -1.05	18.63 1.00 0.00	18.61 1.09 0.00	19.34 1.11 -0.83	20.21 1.20 -0.62	20.59 1.25 -0.71	21.29 1.27 -1.31	21.87 1.42 -0.79	22.69 1.44 -1.79	22.88 1.44 -1.69	23.11 1.58 -0.73	26.72 1.64 -4.10	29.55 1.69 -6.80	28.90 1.81 -3.55	26.65 1.61 -3.85	24.27 1.58 -1.28	22.94 1.55 -0.41	21.74 1.42 -0.56	20.40 1.15 -2.32
INDIAN POINT_GT_2 23659	21.71 1.07 -0.79	19.83 0.82 -4.87	18.76 0.71 -6.47	17.55 0.71 -5.23	18.26 0.67 -5.88	18.85 0.93 -1.05	18.63 1.00 0.00	18.61 1.09 0.00	19.34 1.11 -0.83	20.21 1.20 -0.62	20.59 1.25 -0.71	21.29 1.27 -1.31	21.87 1.42 -0.79	22.69 1.44 -1.79	22.88 1.44 -1.69	23.11 1.58 -0.73	26.72 1.64 -4.10	29.55 1.69 -6.80	28.90 1.81 -3.55	26.65 1.61 -3.85	24.27 1.58 -1.28	22.94 1.55 -0.41	21.74 1.42 -0.56	20.40 1.15 -2.32
INDIAN POINT_GT_3 24019	21.71 1.07 -0.79	19.83 0.82 -4.87	18.76 0.71 -6.47	17.55 0.71 -5.23	18.26 0.67 -5.88	18.85 0.93 -1.05	18.63 1.00 0.00	18.61 1.09 0.00	19.34 1.11 -0.83	20.21 1.20 -0.62	20.59 1.25 -0.71	21.29 1.27 -1.31	21.87 1.42 -0.79	22.69 1.44 -1.79	22.88 1.44 -1.69	23.11 1.58 -0.73	26.72 1.64 -4.10	29.55 1.69 -6.80	28.90 1.81 -3.55	26.65 1.61 -3.85	24.27 1.58 -1.28	22.94 1.55 -0.41	21.74 1.42 -0.56	20.40 1.15 -2.32
INDIAN POINT___2 23530	21.68 1.05 -0.77	19.73 0.81 -4.78	18.65 0.71 -6.35	17.44 0.70 -5.14	18.16 0.67 -5.78	18.81 0.91 -1.03	18.61 0.99 0.00	18.57 1.05 0.00	19.31 1.10 -0.82	20.18 1.18 -0.61	20.56 1.23 -0.70	21.25 1.25 -1.29	21.82 1.38 -0.78	22.62 1.40 -1.76	22.85 1.44 -1.66	23.08 1.56 -0.72	26.60 1.59 -4.03	29.39 1.64 -6.68	28.80 1.77 -3.49	26.54 1.57 -3.78	24.23 1.56 -1.26	22.91 1.53 -0.41	21.71 1.40 -0.55	20.35 1.13 -2.28
INDIAN POINT___3 23531	21.69 1.05 -0.79	19.82 0.81 -4.87	18.77 0.71 -6.47	17.54 0.70 -5.23	18.27 0.67 -5.88	18.83 0.91 -1.05	18.61 0.99 0.00	18.59 1.07 0.00	19.33 1.10 -0.83	20.19 1.18 -0.62	20.57 1.23 -0.71	21.27 1.25 -1.32	21.85 1.40 -0.79	22.65 1.40 -1.79	22.86 1.42 -1.69	23.09 1.56 -0.73	26.66 1.57 -4.10	29.51 1.64 -6.81	28.86 1.77 -3.55	26.61 1.57 -3.85	24.25 1.56 -1.28	22.92 1.53 -0.41	21.72 1.40 -0.56	20.39 1.13 -2.32
INGHAM_C_115KV_TB7 356103	19.74 -0.12 0.00	14.06 -0.08 0.00	11.52 -0.07 0.00	11.49 -0.12 0.00	11.66 -0.06 0.00	16.96 0.00 -0.09	17.59 -0.04 0.00	17.45 -0.07 0.00	17.35 -0.12 -0.07	18.30 -0.15 -0.05	18.54 -0.15 -0.06	18.55 -0.26 -0.11	19.48 -0.26 -0.06	19.30 -0.31 -0.15	19.61 -0.28 -0.14	20.59 -0.27 -0.06	21.08 -0.23 -0.34	21.58 -0.04 -0.56	23.83 0.00 -0.29	21.55 0.04 -0.32	21.53 0.02 -0.11	21.01 0.00 -0.03	19.70 -0.10 -0.05	17.22 0.10 -0.19
IP CORINTH___1 23988	22.51 1.59 -1.06	21.82 1.09 -6.59	21.18 0.85 -8.75	19.54 0.86 -7.08	20.54 0.87 -7.96	19.58 1.30 -1.41	19.03 1.41 0.00	18.96 1.44 0.00	19.94 1.43 -1.12	20.72 1.49 -0.83	21.08 1.49 -0.95	21.74 1.27 -1.77	22.14 1.42 -1.06	23.23 1.36 -2.40	23.60 1.58 -2.27	23.51 1.73 -0.98	28.21 1.72 -5.51	31.99 1.79 -9.14	30.43 2.12 -4.77	28.33 1.97 -5.17	25.16 2.03 -1.72	23.33 1.80 -0.55	22.11 1.60 -0.76	21.40 1.35 -3.11
IP___TICONDEROGA 23804	23.88 2.96 -1.06	22.74 2.02 -6.58	21.91 1.59 -8.73	20.21 1.53 -7.07	21.29 1.63 -7.94	20.65 2.38 -1.40	20.21 2.59 0.00	20.17 2.65 0.00	21.12 2.61 -1.11	21.98 2.76 -0.83	22.36 2.78 -0.95	23.05 2.58 -1.76	23.40 2.67 -1.06	24.43 2.57 -2.40	24.74 2.73 -2.27	24.80 3.02 -0.98	29.46 2.98 -5.50	33.28 3.10 -9.12	31.88 3.58 -4.76	29.68 3.33 -5.16	26.66 3.53 -1.72	24.66 3.13 -0.55	23.32 2.81 -0.76	22.45 2.40 -3.11
ISLIP_RES_REC 323679	27.22 2.22 -5.14	22.54 1.63 -6.76	19.56 1.40 -6.57	18.30 1.39 -5.30	18.91 1.23 -5.96	19.55 1.62 -1.06	19.53 1.90 0.00	19.43 1.91 0.00	20.31 2.07 -0.84	21.64 2.22 -1.02	24.66 2.24 -3.79	25.38 2.30 -4.38	28.05 2.52 -5.87	34.44 2.53 -12.45	35.46 2.55 -13.17	37.24 2.75 -13.70	44.78 2.75 -21.05	39.40 2.86 -15.48	47.08 3.13 -20.41	37.45 2.86 -13.40	37.23 2.85 -12.98	34.44 2.75 -10.72	32.64 2.69 -10.20	23.43 2.23 -4.26
JAMAICA__27_KV_LOAD 355505	22.00 1.35 -0.80	20.08 1.00 -4.93	19.02 0.88 -6.55	17.77 0.86 -5.30	18.49 0.82 -5.96	19.08 1.15 -1.06	18.91 1.29 0.00	18.94 1.42 0.00	19.72 1.48 -0.84	20.62 1.60 -0.63	20.90 1.55 -0.72	21.64 1.61 -1.33	22.28 1.81 -0.80	23.11 1.83 -1.81	23.26 1.80 -1.71	23.52 1.98 -0.74	27.21 2.08 -4.16	30.10 2.15 -6.89	29.49 2.35 -3.60	27.17 2.08 -3.90	24.67 1.97 -1.30	23.26 1.87 -0.42	22.22 1.90 -0.57	20.79 1.51 -2.35
JANIS___SOLAR 323808	20.90 0.85 -0.19	16.04 0.69 -1.20	13.74 0.56 -1.60	13.44 0.55 -1.29	13.74 0.57 -1.45	17.97 0.79 -0.31	18.56 0.93 0.00	18.38 0.86 0.00	18.23 0.59 -0.24	19.07 0.50 -0.18	19.31 0.47 -0.21	19.48 0.39 -0.38	20.33 0.43 -0.23	20.39 0.41 -0.52	20.73 0.49 -0.49	21.62 0.60 -0.21	22.84 0.67 -1.20	24.06 1.01 -1.98	25.94 1.36 -1.04	23.59 1.27 -1.12	23.09 1.31 -0.37	22.15 1.05 -0.12	20.75 0.83 -0.16	18.57 0.96 -0.68
JARVIS____ 23743	19.91 0.06 0.00	14.20 0.06 0.00	11.63 0.05 0.00	11.64 0.03 0.00	11.76 0.05 0.00	17.11 0.15 -0.09	17.76 0.14 0.00	17.65 0.12 0.00	17.56 0.09 -0.07	18.54 0.09 -0.05	18.79 0.09 -0.06	18.88 0.08 -0.11	19.81 0.08 -0.06	19.67 0.06 -0.15	19.99 0.10 -0.14	21.01 0.15 -0.06	21.44 0.13 -0.34	21.88 0.25 -0.56	24.12 0.28 -0.29	21.74 0.23 -0.32	21.75 0.24 -0.11	21.18 0.17 -0.03	19.90 0.10 -0.05	17.38 0.25 -0.19
JENNISON___1 23625	21.03 0.93 -0.24	16.42 0.76 -1.51	14.19 0.60 -2.00	13.82 0.59 -1.62	14.16 0.62 -1.82	18.10 0.86 -0.37	18.59 0.97 0.00	18.40 0.88 0.00	18.37 0.68 -0.29	19.25 0.64 -0.22	19.53 0.65 -0.25	19.76 0.60 -0.46	20.65 0.71 -0.28	20.77 0.68 -0.63	21.13 0.79 -0.59	21.93 0.87 -0.26	23.34 0.92 -1.44	24.67 1.22 -2.38	26.24 1.46 -1.24	23.88 1.34 -1.35	23.16 1.31 -0.45	22.23 1.11 -0.14	20.80 0.85 -0.20	18.71 0.97 -0.81
JENNISON___2 23626	21.03 0.93 -0.24	16.42 0.76 -1.51	14.19 0.60 -2.00	13.82 0.59 -1.62	14.16 0.62 -1.82	18.10 0.86 -0.37	18.59 0.97 0.00	18.40 0.88 0.00	18.37 0.68 -0.29	19.25 0.64 -0.22	19.53 0.65 -0.25	19.76 0.60 -0.46	20.65 0.71 -0.28	20.77 0.68 -0.63	21.13 0.79 -0.59	21.93 0.87 -0.26	23.34 0.92 -1.44	24.67 1.22 -2.38	26.24 1.46 -1.24	23.88 1.34 -1.35	23.16 1.31 -0.45	22.23 1.11 -0.14	20.80 0.85 -0.20	18.71 0.97 -0.81

JERICO_RISE_WT_PWR 323719	18.76 -1.09 0.00	13.35 -0.79 0.00	10.90 -0.68 0.00	10.96 -0.65 0.00	10.98 -0.74 0.00	15.99 -0.91 -0.03	16.58 -1.04 0.00	16.49 -1.03 0.00	16.50 -0.92 -0.02	17.42 -0.99 -0.01	17.59 -1.06 -0.02	17.65 -1.09 -0.03	18.45 -1.24 -0.02	18.34 -1.17 -0.04	18.48 -1.30 -0.04	19.38 -1.43 -0.02	19.76 -1.32 -0.10	19.88 -1.35 -0.16	22.29 -1.34 -0.09	20.12 -1.17 -0.09	20.20 -1.24 -0.03	19.77 -1.22 -0.01	18.66 -1.11 -0.01	15.85 -1.13 -0.06
KATONAH__115KV_46KV_TB4 355592	21.82 1.15 -0.81	20.04 0.88 -5.02	19.01 0.75 -6.66	17.75 0.75 -5.39	18.48 0.70 -6.06	18.93 0.98 -1.08	18.70 1.08 0.00	18.70 1.17 0.00	19.47 1.22 -0.86	20.30 1.27 -0.64	20.72 1.36 -0.73	21.42 1.37 -1.35	22.02 1.53 -0.81	22.82 1.52 -1.84	23.01 1.52 -1.74	23.22 1.66 -0.75	27.01 1.80 -4.22	29.96 1.90 -7.00	29.17 1.98 -3.66	26.91 1.76 -3.96	24.44 1.71 -1.32	23.08 1.68 -0.42	21.84 1.50 -0.58	20.54 1.22 -2.39
KCE_NY_1 323755	22.30 1.39 -1.06	21.69 0.98 -6.56	21.07 0.76 -8.72	19.44 0.78 -7.05	20.43 0.78 -7.93	19.47 1.20 -1.40	18.88 1.25 0.00	18.78 1.26 0.00	19.75 1.24 -1.11	20.51 1.29 -0.83	20.89 1.30 -0.95	21.71 1.25 -1.76	22.10 1.38 -1.06	23.22 1.36 -2.40	23.47 1.46 -2.26	23.36 1.58 -0.98	28.04 1.57 -5.49	31.81 1.64 -9.10	30.15 1.86 -4.75	28.06 1.72 -5.15	24.88 1.76 -1.72	23.12 1.59 -0.55	21.95 1.44 -0.75	21.26 1.22 -3.10
KCE_NY_6_ESR 323823	20.06 0.08 -0.12	15.17 0.25 -0.77	12.86 0.24 -1.02	12.76 0.32 -0.83	12.95 0.30 -0.93	17.28 0.19 -0.22	17.89 0.26 0.00	17.75 0.23 0.00	17.28 -0.30 -0.17	18.19 -0.33 -0.13	18.35 -0.43 -0.15	18.56 -0.41 -0.27	19.52 -0.32 -0.16	19.58 -0.25 -0.37	20.04 -0.06 -0.35	21.02 0.06 -0.15	21.79 -0.04 -0.86	22.72 0.23 -1.42	24.35 0.07 -0.74	22.17 0.17 -0.80	21.91 0.24 -0.27	21.06 0.00 -0.09	19.78 -0.10 -0.12	17.92 0.51 -0.48
KEDC_PORT_JEFF_GT2 24210	27.06 2.06 -5.14	22.43 1.51 -6.76	19.47 1.31 -6.57	18.20 1.29 -5.30	18.82 1.15 -5.96	19.42 1.49 -1.06	19.39 1.76 0.00	19.31 1.79 0.00	20.19 1.95 -0.84	21.50 2.08 -1.02	24.53 2.11 -3.79	25.23 2.15 -4.38	28.30 2.34 -6.29	36.13 2.33 -14.34	37.29 2.35 -15.19	39.43 2.49 -16.14	48.23 2.50 -24.75	40.62 2.46 -17.09	50.53 2.71 -24.29	39.05 2.58 -15.27	39.41 2.59 -15.41	36.11 2.54 -12.60	34.30 2.51 -12.03	23.28 2.08 -4.26
KEDC_PORT_JEFF_GT3 24211	27.06 2.06 -5.14	22.43 1.51 -6.76	19.47 1.31 -6.57	18.20 1.29 -5.30	18.82 1.15 -5.96	19.42 1.49 -1.06	19.39 1.76 0.00	19.31 1.79 0.00	20.19 1.95 -0.84	21.50 2.08 -1.02	24.53 2.11 -3.79	25.23 2.15 -4.38	28.30 2.34 -6.29	36.13 2.33 -14.34	37.29 2.35 -15.19	39.43 2.49 -16.14	48.23 2.50 -24.75	40.62 2.46 -17.09	50.53 2.71 -24.29	39.05 2.58 -15.27	39.41 2.59 -15.41	36.11 2.54 -12.60	34.30 2.51 -12.03	23.28 2.08 -4.26
KEDC_GLWD_GT4 24219	26.50 1.51 -5.14	22.03 1.12 -6.77	19.13 0.97 -6.57	17.85 0.94 -5.30	18.56 0.88 -5.96	19.08 1.15 -1.06	18.96 1.34 0.00	18.92 1.40 0.00	19.74 1.50 -0.84	21.02 1.60 -1.03	24.08 1.66 -3.79	24.76 1.68 -4.38	25.59 1.87 -4.05	25.74 1.89 -4.39	26.19 1.91 -4.52	26.16 2.06 -3.30	28.38 2.12 -5.28	30.23 2.21 -6.95	29.83 2.38 -3.91	28.74 2.12 -5.42	26.08 2.08 -2.59	25.71 2.01 -2.71	24.01 1.88 -2.38	22.73 1.54 -4.26
KEDC_GLWD_GT5 24220	26.50 1.51 -5.14	22.03 1.12 -6.77	19.13 0.97 -6.57	17.85 0.94 -5.30	18.56 0.88 -5.96	19.08 1.15 -1.06	18.96 1.34 0.00	18.92 1.40 0.00	19.74 1.50 -0.84	21.02 1.60 -1.03	24.08 1.66 -3.79	24.76 1.68 -4.38	25.59 1.87 -4.05	25.74 1.89 -4.39	26.19 1.91 -4.52	26.16 2.06 -3.30	28.38 2.12 -5.28	30.23 2.21 -6.95	29.83 2.38 -3.91	28.74 2.12 -5.42	26.08 2.08 -2.59	25.71 2.01 -2.71	24.01 1.88 -2.38	22.73 1.54 -4.26
KENSICO____ 23655	21.80 1.15 -0.80	19.93 0.86 -4.92	18.88 0.75 -6.54	17.65 0.75 -5.29	18.37 0.71 -5.94	18.92 1.00 -1.06	18.70 1.08 0.00	18.66 1.14 0.00	19.42 1.18 -0.84	20.29 1.27 -0.63	20.67 1.32 -0.72	21.39 1.37 -1.33	21.98 1.51 -0.80	22.81 1.54 -1.81	23.00 1.54 -1.71	23.22 1.68 -0.74	26.84 1.72 -4.15	29.73 1.79 -6.87	29.08 1.95 -3.59	26.80 1.72 -3.89	24.39 1.69 -1.30	23.03 1.64 -0.42	21.85 1.52 -0.57	20.51 1.24 -2.34
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.62 1.03 -0.73	19.47 0.78 -4.55	18.30 0.67 -6.04	17.12 0.63 -4.88	17.88 0.68 -5.49	18.76 0.91 -0.98	18.61 0.99 0.00	18.52 1.00 0.00	19.12 0.94 -0.78	19.99 1.01 -0.58	20.36 1.06 -0.66	21.02 1.08 -1.23	21.61 1.20 -0.74	22.34 1.21 -1.68	22.57 1.24 -1.58	22.88 1.39 -0.68	26.22 1.41 -3.84	28.90 1.47 -6.36	28.51 1.65 -3.32	26.28 1.48 -3.60	24.15 1.54 -1.20	22.87 1.51 -0.39	21.65 1.36 -0.53	20.22 1.12 -2.17
KIAC_JFK_GT1 23816	21.90 1.25 -0.80	20.00 0.92 -4.93	18.95 0.81 -6.55	17.71 0.80 -5.30	18.42 0.75 -5.96	19.00 1.06 -1.06	18.82 1.20 0.00	18.84 1.31 0.00	19.62 1.37 -0.84	20.53 1.51 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.16 1.69 -0.80	22.99 1.71 -1.81	23.14 1.68 -1.71	23.39 1.85 -0.74	27.08 1.95 -4.16	29.98 2.02 -6.89	29.35 2.21 -3.60	27.02 1.93 -3.90	24.55 1.84 -1.30	23.14 1.74 -0.42	22.09 1.76 -0.57	20.69 1.41 -2.35
KIAC_JFK_GT2 23817	21.90 1.25 -0.80	20.00 0.92 -4.93	18.95 0.81 -6.55	17.71 0.80 -5.30	18.42 0.75 -5.96	19.00 1.06 -1.06	18.82 1.20 0.00	18.84 1.31 0.00	19.62 1.37 -0.84	20.53 1.51 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.16 1.69 -0.80	22.99 1.71 -1.81	23.14 1.68 -1.71	23.39 1.85 -0.74	27.08 1.95 -4.16	29.98 2.02 -6.89	29.35 2.21 -3.60	27.02 1.93 -3.90	24.55 1.84 -1.30	23.14 1.74 -0.42	22.09 1.76 -0.57	20.69 1.41 -2.35
KIAC_JFK____ 323774	21.90 1.25 -0.80	20.00 0.92 -4.93	18.95 0.81 -6.55	17.71 0.80 -5.30	18.42 0.75 -5.96	19.00 1.06 -1.06	18.82 1.20 0.00	18.84 1.31 0.00	19.62 1.37 -0.84	20.53 1.51 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.14 1.67 -0.80	22.99 1.71 -1.81	23.14 1.68 -1.71	23.39 1.85 -0.74	27.06 1.93 -4.16	29.98 2.02 -6.89	29.35 2.21 -3.60	27.00 1.91 -3.90	24.55 1.84 -1.30	23.13 1.74 -0.42	22.11 1.78 -0.57	20.69 1.40 -2.35
KINTIGH____ 23543	20.06 0.10 -0.10	15.04 0.25 -0.64	12.67 0.23 -0.85	12.56 0.27 -0.69	12.74 0.26 -0.77	17.27 0.20 -0.19	17.55 -0.07 0.00	17.42 -0.11 0.00	17.31 -0.24 -0.15	18.25 -0.26 -0.11	18.45 -0.32 -0.13	18.64 -0.30 -0.24	19.66 -0.16 -0.14	19.59 -0.19 -0.33	20.00 -0.06 -0.31	20.95 0.02 -0.13	21.67 -0.06 -0.75	22.48 0.17 -1.25	24.24 0.05 -0.65	21.98 0.08 -0.70	21.79 0.15 -0.23	21.01 -0.04 -0.08	19.72 -0.14 -0.10	17.85 0.49 -0.42
KNTFSRNC_46_KV_46KV_LOAD 80397	18.80 -1.05 0.00	13.41 -0.74 0.00	10.95 -0.64 0.00	11.02 -0.59 0.00	11.02 -0.69 0.00	15.95 -0.94 -0.02	16.64 -0.99 0.00	16.54 -0.98 0.00	16.57 -0.85 -0.02	17.47 -0.94 -0.01	17.64 -1.01 -0.02	17.70 -1.03 -0.03	18.45 -1.24 -0.02	18.37 -1.13 -0.04	18.54 -1.24 -0.04	19.42 -1.39 -0.02	19.79 -1.28 -0.09	19.96 -1.26 -0.16	22.40 -1.22 -0.08	20.24 -1.04 -0.09	20.32 -1.11 -0.03	19.85 -1.13 -0.01	18.76 -1.01 -0.01	15.95 -1.03 -0.05

LACHUTE____HYDRO 323717	23.88 2.96 -1.06	22.74 2.02 -6.58	21.91 1.59 -8.73	20.21 1.53 -7.07	21.28 1.63 -7.94	20.65 2.38 -1.40	20.22 2.59 0.00	20.17 2.65 0.00	21.12 2.61 -1.11	21.98 2.76 -0.83	22.36 2.78 -0.95	23.05 2.58 -1.76	23.38 2.65 -1.06	24.43 2.57 -2.40	24.74 2.73 -2.27	24.80 3.01 -0.98	29.48 3.00 -5.50	33.28 3.10 -9.12	31.88 3.58 -4.76	29.68 3.33 -5.16	26.66 3.53 -1.72	24.66 3.13 -0.55	23.34 2.82 -0.76	22.45 2.40 -3.11
LAWRNCAV_115KV_TB1 80681	18.64 -1.21 0.00	13.23 -0.92 0.00	10.81 -0.78 0.00	10.79 -0.81 0.00	10.91 -0.81 0.00	16.00 -0.91 -0.04	16.65 -0.97 0.00	16.52 -1.00 0.00	16.53 -0.90 -0.03	17.44 -0.97 -0.02	17.64 -1.02 -0.03	17.72 -1.03 -0.05	18.46 -1.24 -0.03	18.44 -1.09 -0.07	18.56 -1.24 -0.06	19.41 -1.41 -0.03	19.74 -1.38 -0.15	19.86 -1.45 -0.25	22.16 -1.51 -0.13	20.02 -1.31 -0.14	20.10 -1.35 -0.05	19.69 -1.30 -0.02	18.65 -1.13 -0.02	15.87 -1.15 -0.08
LEDERLE____ 23769	21.72 1.11 -0.76	19.70 0.86 -4.69	18.58 0.75 -6.24	17.38 0.73 -5.04	18.10 0.71 -5.67	18.86 0.98 -1.01	18.68 1.06 0.00	18.64 1.12 0.00	19.35 1.15 -0.80	20.22 1.23 -0.60	20.60 1.29 -0.68	21.30 1.33 -1.27	21.89 1.46 -0.76	22.65 1.46 -1.73	22.88 1.50 -1.63	23.15 1.64 -0.71	26.57 1.64 -3.96	29.31 1.69 -6.57	28.78 1.81 -3.43	26.54 1.63 -3.72	24.29 1.65 -1.24	22.99 1.62 -0.40	21.76 1.46 -0.54	20.37 1.20 -2.24
LIGHTHSE_115KV_TB6 355974	19.77 -0.14 -0.06	14.42 -0.07 -0.34	11.99 -0.06 -0.46	11.90 -0.08 -0.37	12.06 -0.07 -0.42	16.92 -0.08 -0.13	17.55 -0.07 0.00	17.42 -0.11 0.00	17.35 -0.16 -0.10	18.29 -0.18 -0.08	18.52 -0.20 -0.09	18.64 -0.22 -0.16	19.53 -0.24 -0.10	19.39 -0.29 -0.22	19.70 -0.26 -0.21	20.66 -0.23 -0.09	21.27 -0.21 -0.50	21.86 -0.04 -0.83	24.00 0.02 -0.44	21.69 0.02 -0.47	21.61 0.04 -0.16	20.88 -0.15 -0.05	19.57 -0.26 -0.07	17.27 0.05 -0.28
LINDEN COGEN____ 23786	21.82 1.17 -0.80	19.96 0.88 -4.93	18.92 0.78 -6.55	17.66 0.75 -5.30	18.40 0.73 -5.96	18.89 0.96 -1.06	18.72 1.09 0.00	18.73 1.21 0.00	19.48 1.24 -0.84	20.36 1.34 -0.63	20.75 1.40 -0.72	21.49 1.46 -1.33	22.08 1.61 -0.80	22.93 1.65 -1.81	23.10 1.64 -1.71	23.35 1.81 -0.74	27.00 1.87 -4.16	29.89 1.94 -6.89	29.23 2.09 -3.60	26.91 1.82 -3.90	24.46 1.76 -1.30	23.09 1.70 -0.42	21.95 1.62 -0.57	20.59 1.30 -2.35
LINDHRST_69_KV_BK1 356055	26.98 1.99 -5.14	22.37 1.46 -6.76	19.41 1.25 -6.57	18.13 1.22 -5.30	18.79 1.11 -5.96	19.42 1.48 -1.06	19.33 1.71 0.00	19.26 1.73 0.00	20.12 1.88 -0.84	21.42 2.00 -1.02	24.46 2.03 -3.79	25.14 2.06 -4.38	26.16 2.26 -4.23	26.93 2.26 -5.21	27.45 2.31 -5.40	27.64 2.50 -4.35	30.41 2.56 -6.87	31.52 2.63 -7.82	31.99 2.87 -5.57	30.01 2.59 -6.23	27.62 2.57 -3.64	26.98 2.48 -3.52	25.31 2.39 -3.17	23.18 1.98 -4.26
LIPA_MISC_IPP 23656	27.12 2.12 -5.14	22.47 1.56 -6.76	19.50 1.34 -6.57	18.23 1.32 -5.30	18.85 1.17 -5.96	19.52 1.59 -1.06	19.44 1.82 0.00	19.36 1.84 0.00	20.23 1.98 -0.84	21.53 2.12 -1.02	24.55 2.12 -3.79	25.26 2.17 -4.38	28.01 2.40 -5.94	34.64 2.39 -12.79	35.71 2.43 -13.53	37.55 2.62 -14.13	45.36 2.66 -21.71	40.29 2.76 -16.46	47.68 3.04 -21.11	37.66 2.73 -13.74	37.54 2.72 -13.41	34.68 2.64 -11.06	32.85 2.57 -10.52	23.34 2.15 -4.26
LISF____SOLAR 323691	27.16 2.16 -5.14	22.49 1.58 -6.76	19.54 1.38 -6.57	18.26 1.35 -5.30	18.88 1.21 -5.96	19.48 1.55 -1.06	19.49 1.87 0.00	19.40 1.88 0.00	20.26 2.02 -0.84	21.57 2.15 -1.02	24.59 2.16 -3.79	25.29 2.21 -4.38	28.03 2.40 -5.97	34.78 2.43 -12.89	35.83 2.45 -13.64	37.71 2.64 -14.26	45.55 2.66 -21.91	40.31 2.82 -16.43	47.96 3.11 -21.31	37.83 2.80 -13.84	37.73 2.78 -13.55	34.82 2.69 -11.16	33.01 2.63 -10.62	23.38 2.19 -4.26
LITTLE FALLS____HYD 24013	19.74 -0.12 0.00	14.06 -0.08 0.00	11.52 -0.07 0.00	11.49 -0.12 0.00	11.66 -0.06 0.00	16.96 0.00 -0.09	17.59 -0.04 0.00	17.45 -0.07 0.00	17.35 -0.12 -0.07	18.30 -0.15 -0.05	18.54 -0.15 -0.06	18.55 -0.26 -0.11	19.48 -0.26 -0.06	19.30 -0.31 -0.15	19.61 -0.28 -0.14	20.59 -0.27 -0.06	21.08 -0.23 -0.34	21.58 -0.04 -0.56	23.83 0.00 -0.29	21.55 0.04 -0.32	21.53 0.02 -0.11	21.01 0.00 -0.03	19.70 -0.10 -0.05	17.22 0.10 -0.19
LITTLRIV_115KV_TB1 356100	18.78 -1.07 0.00	13.34 -0.81 0.00	10.89 -0.70 0.00	10.84 -0.77 0.00	10.99 -0.73 0.00	16.12 -0.79 -0.04	16.78 -0.85 0.00	16.63 -0.89 0.00	16.61 -0.82 -0.03	17.52 -0.90 -0.02	17.73 -0.93 -0.03	17.82 -0.94 -0.05	18.54 -1.16 -0.03	18.54 -0.99 -0.07	18.67 -1.15 -0.06	19.52 -1.31 -0.03	19.85 -1.28 -0.16	20.00 -1.33 -0.26	22.33 -1.34 -0.14	20.19 -1.14 -0.15	20.26 -1.20 -0.05	19.84 -1.15 -0.02	18.77 -1.01 -0.02	15.95 -1.07 -0.09
LI_NEWBRDGE____DRP 323616	26.50 1.51 -5.14	22.04 1.13 -6.76	19.15 0.99 -6.57	17.85 0.94 -5.30	18.53 0.86 -5.96	19.08 1.15 -1.06	18.95 1.32 0.00	18.89 1.37 0.00	19.74 1.50 -0.84	21.02 1.60 -1.02	24.03 1.60 -3.79	24.70 1.63 -4.38	25.48 1.79 -4.02	25.53 1.79 -4.28	25.94 1.80 -4.40	25.90 1.96 -3.15	28.02 1.99 -5.05	30.07 2.09 -6.92	29.47 2.26 -3.67	28.51 2.01 -5.31	25.84 1.99 -2.44	25.50 1.93 -2.60	23.90 1.88 -2.26	22.75 1.56 -4.26
LOCKPORT_115KV_TB60_63_64 80432	19.99 0.02 -0.11	15.05 0.21 -0.69	12.72 0.21 -0.92	12.62 0.27 -0.75	12.81 0.26 -0.84	17.21 0.13 -0.20	17.61 -0.02 0.00	17.47 -0.05 0.00	17.16 -0.40 -0.16	18.05 -0.46 -0.12	18.25 -0.52 -0.14	18.45 -0.50 -0.25	19.51 -0.31 -0.15	19.46 -0.35 -0.35	19.86 -0.22 -0.33	20.84 -0.10 -0.14	21.56 -0.21 -0.79	22.42 0.04 -1.32	24.13 -0.09 -0.69	21.94 0.00 -0.75	21.72 0.06 -0.25	20.91 -0.15 -0.08	19.61 -0.26 -0.11	17.84 0.46 -0.45
LOCKPORT____CC1 323769	19.99 0.02 -0.11	15.06 0.21 -0.70	12.73 0.21 -0.93	12.62 0.27 -0.75	12.82 0.26 -0.84	17.19 0.12 -0.20	17.62 0.00 0.00	17.47 -0.05 0.00	17.16 -0.40 -0.16	18.07 -0.44 -0.12	18.25 -0.52 -0.14	18.45 -0.50 -0.26	19.39 -0.43 -0.15	19.44 -0.37 -0.35	19.88 -0.20 -0.33	20.84 -0.10 -0.14	21.57 -0.21 -0.80	22.45 0.06 -1.32	24.14 -0.09 -0.69	21.94 0.00 -0.75	21.72 0.06 -0.25	20.91 -0.15 -0.08	19.63 -0.24 -0.11	17.84 0.46 -0.45
LOCKPORT____CC2 323770	19.99 0.02 -0.11	15.06 0.21 -0.70	12.73 0.21 -0.93	12.62 0.27 -0.75	12.82 0.26 -0.84	17.19 0.12 -0.20	17.62 0.00 0.00	17.47 -0.05 0.00	17.16 -0.40 -0.16	18.07 -0.44 -0.12	18.25 -0.52 -0.14	18.45 -0.50 -0.26	19.39 -0.43 -0.15	19.44 -0.37 -0.35	19.88 -0.20 -0.33	20.84 -0.10 -0.14	21.57 -0.21 -0.80	22.45 0.06 -1.32	24.14 -0.09 -0.69	21.94 0.00 -0.75	21.72 0.06 -0.25	20.91 -0.15 -0.08	19.63 -0.24 -0.11	17.84 0.46 -0.45
LOCKPORT____CC3 323771	19.99 0.02 -0.11	15.06 0.21 -0.70	12.73 0.21 -0.93	12.62 0.27 -0.75	12.82 0.26 -0.84	17.19 0.12 -0.20	17.62 0.00 0.00	17.47 -0.05 0.00	17.16 -0.40 -0.16	18.07 -0.44 -0.12	18.25 -0.52 -0.14	18.45 -0.50 -0.26	19.39 -0.43 -0.15	19.44 -0.37 -0.35	19.88 -0.20 -0.33	20.84 -0.10 -0.14	21.57 -0.21 -0.80	22.45 0.06 -1.32	24.14 -0.09 -0.69	21.94 0.00 -0.75	21.72 0.06 -0.25	20.91 -0.15 -0.08	19.63 -0.24 -0.11	17.84 0.46 -0.45

LONG_LAKE_PHOENIX 24014	19.90 -0.02 -0.06	14.58 0.04 -0.39	12.13 0.02 -0.51	12.05 0.02 -0.42	12.22 0.04 -0.47	17.06 0.05 -0.14	17.71 0.09 0.00	17.63 0.11 0.00	17.53 0.02 -0.11	18.49 0.02 -0.08	18.77 0.04 -0.09	18.89 0.02 -0.17	19.79 0.02 -0.10	19.64 -0.06 -0.24	19.95 -0.02 -0.22	20.92 0.02 -0.10	21.52 0.00 -0.54	22.09 0.13 -0.90	24.17 0.16 -0.47	21.83 0.13 -0.51	21.73 0.15 -0.17	21.03 0.00 -0.05	19.75 -0.08 -0.07	17.44 0.20 -0.31
LOVETT___3 23632	21.59 0.97 -0.76	19.64 0.78 -4.72	18.54 0.68 -6.27	17.35 0.67 -5.07	18.06 0.64 -5.70	18.76 0.88 -1.02	18.59 0.97 0.00	18.56 1.03 0.00	19.25 1.04 -0.81	20.12 1.12 -0.60	20.51 1.19 -0.69	21.19 1.22 -1.28	21.77 1.34 -0.77	22.54 1.34 -1.74	22.77 1.38 -1.64	23.01 1.50 -0.71	26.45 1.49 -3.98	29.20 1.54 -6.60	28.63 1.65 -3.45	26.41 1.48 -3.73	24.15 1.50 -1.24	22.87 1.49 -0.40	21.65 1.34 -0.55	20.27 1.08 -2.25
LOVETT___4 23642	21.59 0.97 -0.76	19.64 0.78 -4.72	18.54 0.68 -6.27	17.35 0.67 -5.07	18.06 0.64 -5.70	18.76 0.88 -1.02	18.59 0.97 0.00	18.56 1.03 0.00	19.25 1.04 -0.81	20.12 1.12 -0.60	20.51 1.19 -0.69	21.19 1.22 -1.28	21.77 1.34 -0.77	22.54 1.34 -1.74	22.77 1.38 -1.64	23.01 1.50 -0.71	26.45 1.49 -3.98	29.20 1.54 -6.60	28.63 1.65 -3.45	26.41 1.48 -3.73	24.15 1.50 -1.24	22.87 1.49 -0.40	21.65 1.34 -0.55	20.27 1.08 -2.25
LOVETT___5 23593	21.59 0.97 -0.76	19.64 0.78 -4.72	18.54 0.68 -6.27	17.35 0.67 -5.07	18.06 0.64 -5.70	18.76 0.88 -1.02	18.59 0.97 0.00	18.56 1.03 0.00	19.25 1.04 -0.81	20.12 1.12 -0.60	20.51 1.19 -0.69	21.19 1.22 -1.28	21.77 1.34 -0.77	22.54 1.34 -1.74	22.77 1.38 -1.64	23.01 1.50 -0.71	26.45 1.49 -3.98	29.20 1.54 -6.60	28.63 1.65 -3.45	26.41 1.48 -3.73	24.15 1.50 -1.24	22.87 1.49 -0.40	21.65 1.34 -0.55	20.27 1.08 -2.25
LOWER RAQUET___HYD 24057	18.46 -1.39 0.00	13.11 -1.03 0.00	10.72 -0.87 0.00	10.69 -0.92 0.00	10.81 -0.90 0.00	15.85 -1.06 -0.04	16.50 -1.13 0.00	16.36 -1.16 0.00	16.39 -1.04 -0.03	17.30 -1.12 -0.02	17.47 -1.19 -0.03	17.58 -1.18 -0.05	18.40 -1.30 -0.03	18.27 -1.26 -0.07	18.41 -1.40 -0.07	19.25 -1.58 -0.03	19.59 -1.55 -0.16	19.71 -1.62 -0.27	21.99 -1.70 -0.14	19.86 -1.48 -0.15	19.94 -1.52 -0.05	19.52 -1.47 -0.02	18.44 -1.34 -0.02	15.74 -1.29 -0.09
LOWER___HUDSON 24059	21.83 0.93 -1.04	21.24 0.67 -6.43	20.66 0.53 -8.54	19.05 0.53 -6.91	20.01 0.53 -7.77	19.07 0.83 -1.37	18.49 0.86 0.00	18.38 0.86 0.00	19.34 0.85 -1.09	20.11 0.90 -0.81	20.48 0.91 -0.93	21.31 0.88 -1.72	21.71 1.00 -1.04	22.82 1.01 -2.35	23.03 1.07 -2.22	22.90 1.14 -0.96	27.49 1.13 -5.38	31.16 1.18 -8.92	29.54 1.34 -4.66	27.45 1.21 -5.05	24.33 1.24 -1.68	22.67 1.15 -0.54	21.54 1.05 -0.74	20.84 0.86 -3.04
LOWVILLE_115KV_TB2 356335	19.66 -0.22 -0.03	14.05 -0.27 -0.17	11.68 -0.14 -0.23	11.52 -0.28 -0.19	11.66 -0.27 -0.21	16.68 -0.29 -0.09	17.31 -0.32 0.00	17.12 -0.40 0.00	17.18 -0.30 -0.07	18.08 -0.37 -0.05	18.18 -0.52 -0.06	18.26 -0.56 -0.12	19.13 -0.61 -0.07	19.04 -0.58 -0.16	19.30 -0.59 -0.15	20.41 -0.46 -0.06	20.92 -0.42 -0.36	21.43 -0.23 -0.60	23.76 -0.09 -0.31	21.32 -0.21 -0.34	21.43 -0.09 -0.11	20.61 -0.40 -0.04	19.29 -0.51 -0.05	16.99 -0.15 -0.21
LUTHERFT_115KV_GLOB_FND_222 355753	22.29 1.37 -1.06	21.67 0.96 -6.56	21.07 0.76 -8.72	19.43 0.77 -7.05	20.42 0.77 -7.93	19.44 1.16 -1.40	18.86 1.23 0.00	18.77 1.24 0.00	19.73 1.22 -1.11	20.51 1.29 -0.83	20.87 1.29 -0.95	21.70 1.23 -1.76	22.10 1.38 -1.06	23.20 1.34 -2.40	23.45 1.44 -2.26	23.34 1.56 -0.98	28.02 1.55 -5.49	31.79 1.62 -9.11	30.15 1.86 -4.75	28.04 1.70 -5.15	24.86 1.73 -1.72	23.10 1.57 -0.55	21.93 1.42 -0.75	21.26 1.22 -3.10
LUTHERNY_35_KV_BK2 355980	22.30 1.39 -1.06	21.69 0.98 -6.56	21.07 0.76 -8.72	19.44 0.78 -7.05	20.43 0.78 -7.93	19.44 1.16 -1.40	18.88 1.25 0.00	18.78 1.26 0.00	19.75 1.24 -1.11	20.51 1.29 -0.83	20.89 1.30 -0.95	21.71 1.25 -1.76	22.12 1.40 -1.06	23.22 1.36 -2.40	23.47 1.46 -2.26	23.36 1.58 -0.98	28.04 1.57 -5.49	31.81 1.64 -9.11	30.15 1.86 -4.75	28.06 1.72 -5.15	24.88 1.76 -1.72	23.12 1.59 -0.55	21.95 1.44 -0.75	21.26 1.22 -3.10
LWR___OSWEGATCHIE_HYD 23850	18.84 -1.03 -0.02	13.47 -0.81 -0.13	11.12 -0.64 -0.17	11.04 -0.71 -0.14	11.16 -0.71 -0.16	16.08 -0.86 -0.07	16.71 -0.92 0.00	16.54 -0.98 0.00	16.57 -0.89 -0.05	17.46 -0.97 -0.04	17.60 -1.08 -0.04	17.70 -1.08 -0.08	18.48 -1.24 -0.05	18.43 -1.15 -0.11	18.61 -1.24 -0.11	19.56 -1.29 -0.05	19.98 -1.26 -0.26	20.34 -1.16 -0.43	22.61 -1.15 -0.23	20.38 -1.06 -0.24	20.44 -1.05 -0.08	19.85 -1.15 -0.03	18.67 -1.13 -0.04	16.16 -0.91 -0.15
LYONS_FALL_HYD 23570	19.88 0.00 -0.03	14.27 -0.04 -0.17	11.81 0.00 -0.22	11.68 -0.10 -0.18	11.84 -0.07 -0.20	16.92 -0.05 -0.10	17.59 -0.04 0.00	17.42 -0.10 0.00	17.41 -0.07 -0.08	18.32 -0.13 -0.06	18.49 -0.20 -0.07	18.58 -0.24 -0.12	19.48 -0.26 -0.07	19.37 -0.25 -0.16	19.67 -0.24 -0.16	20.74 -0.12 -0.07	21.25 -0.10 -0.38	21.77 0.08 -0.62	24.08 0.21 -0.33	21.65 0.11 -0.35	21.69 0.17 -0.12	20.95 -0.06 -0.04	19.65 -0.16 -0.05	17.23 0.09 -0.21
MADISON___COUNTY_LFGE 323628	20.36 0.46 -0.04	14.78 0.35 -0.28	12.25 0.29 -0.37	12.14 0.23 -0.30	12.33 0.28 -0.34	17.43 0.44 -0.12	18.10 0.48 0.00	17.94 0.42 0.00	17.83 0.33 -0.10	18.78 0.31 -0.07	19.03 0.32 -0.08	19.15 0.30 -0.15	20.12 0.35 -0.09	19.98 0.31 -0.21	20.32 0.38 -0.20	21.32 0.44 -0.09	21.90 0.44 -0.48	22.51 0.65 -0.80	24.73 0.78 -0.42	22.32 0.68 -0.45	22.24 0.69 -0.15	21.53 0.50 -0.05	20.16 0.34 -0.07	17.73 0.52 -0.27
MALONE___115KV_TB1 356076	18.72 -1.13 0.00	13.33 -0.82 0.00	10.89 -0.70 0.00	10.92 -0.68 0.00	10.96 -0.75 0.00	15.94 -0.96 -0.03	16.60 -1.02 0.00	16.51 -1.02 0.00	16.54 -0.89 -0.02	17.45 -0.96 -0.02	17.63 -1.02 -0.02	17.69 -1.05 -0.04	18.43 -1.26 -0.02	18.38 -1.13 -0.05	18.53 -1.26 -0.05	19.41 -1.41 -0.02	19.77 -1.32 -0.12	19.91 -1.35 -0.19	22.30 -1.34 -0.10	20.16 -1.14 -0.11	20.24 -1.20 -0.04	19.79 -1.20 -0.01	18.71 -1.07 -0.02	15.90 -1.10 -0.07
MAPLEWOD_115KV_TB3 80458	21.72 0.83 -1.03	21.13 0.59 -6.39	20.54 0.46 -8.49	18.94 0.46 -6.86	19.91 0.48 -7.72	18.98 0.74 -1.36	18.42 0.79 0.00	18.29 0.77 0.00	19.27 0.78 -1.08	20.01 0.81 -0.81	20.36 0.80 -0.92	21.22 0.80 -1.71	21.62 0.92 -1.03	22.73 0.93 -2.33	22.92 0.97 -2.20	22.79 1.04 -0.95	27.35 1.03 -5.35	31.00 1.07 -8.86	29.37 1.20 -4.63	27.29 1.08 -5.02	24.19 1.11 -1.67	22.54 1.03 -0.54	21.42 0.93 -0.73	20.72 0.76 -3.02
MAPLE RIDGE_WT_1 323574	19.24 -0.62 0.00	13.74 -0.41 0.00	11.26 -0.32 0.00	11.29 -0.31 0.00	11.39 -0.33 0.00	16.58 -0.37 -0.08	17.20 -0.42 0.00	17.10 -0.42 0.00	17.03 -0.43 -0.06	18.00 -0.44 -0.05	18.24 -0.45 -0.05	18.33 -0.47 -0.10	19.20 -0.53 -0.06	18.97 -0.62 -0.14	19.24 -0.63 -0.13	20.19 -0.67 -0.06	20.62 -0.67 -0.31	21.03 -0.55 -0.51	23.20 -0.61 -0.27	20.91 -0.57 -0.29	20.90 -0.60 -0.10	20.32 -0.69 -0.03	19.13 -0.67 -0.04	16.72 -0.39 -0.18

MAPLE_RIDGE_WT_2 323611	19.24 -0.62 0.00	13.74 -0.41 0.00	11.26 -0.32 0.00	11.29 -0.31 0.00	11.39 -0.33 0.00	16.58 -0.37 -0.08	17.20 -0.42 0.00	17.10 -0.42 0.00	17.03 -0.43 -0.06	18.00 -0.44 -0.05	18.24 -0.45 -0.05	18.33 -0.47 -0.10	19.20 -0.53 -0.06	18.97 -0.62 -0.14	19.24 -0.63 -0.13	20.19 -0.67 -0.06	20.62 -0.67 -0.31	21.03 -0.55 -0.51	23.20 -0.61 -0.27	20.91 -0.57 -0.29	20.90 -0.60 -0.10	20.32 -0.69 -0.03	19.13 -0.67 -0.04	16.72 -0.39 -0.18
MARBLE_RIVER_WT_PWR 323696	18.76 -1.09 0.00	13.37 -0.78 0.00	10.93 -0.66 0.00	10.98 -0.63 0.00	10.99 -0.73 0.00	16.00 -0.89 -0.02	16.58 -1.04 0.00	16.49 -1.03 0.00	16.50 -0.92 -0.02	17.41 -0.99 -0.01	17.59 -1.06 -0.02	17.65 -1.09 -0.03	18.45 -1.24 -0.02	18.31 -1.19 -0.04	18.48 -1.30 -0.04	19.38 -1.43 -0.02	19.75 -1.32 -0.09	19.89 -1.33 -0.15	22.30 -1.32 -0.08	20.13 -1.14 -0.09	20.22 -1.22 -0.03	19.77 -1.22 -0.01	18.66 -1.11 -0.01	15.88 -1.10 -0.05
MARSHVLE_115KV_TB1 80742	22.74 1.61 -1.28	23.23 1.16 -7.92	23.02 0.92 -10.52	21.08 0.96 -8.51	22.23 0.95 -9.57	19.94 1.38 -1.68	19.14 1.52 0.00	19.01 1.49 0.00	20.13 1.39 -1.34	20.79 1.40 -1.00	21.17 1.40 -1.14	22.24 1.42 -2.11	22.49 1.55 -1.27	23.86 1.52 -2.88	24.05 1.58 -2.72	23.72 1.75 -1.18	29.25 1.68 -6.60	33.85 1.85 -10.94	31.37 2.12 -5.71	29.35 1.97 -6.19	25.48 2.01 -2.06	23.57 1.93 -0.66	22.32 1.66 -0.91	22.12 1.46 -3.73
MARSH_HILL_WT_PWR 323713	20.21 0.20 -0.15	15.40 0.31 -0.95	13.12 0.28 -1.26	12.95 0.32 -1.02	13.18 0.33 -1.14	17.39 0.27 -0.25	18.12 0.49 0.00	17.99 0.47 0.00	17.60 0.00 -0.20	18.51 -0.04 -0.15	18.64 -0.17 -0.17	18.83 -0.19 -0.32	19.72 -0.14 -0.19	19.80 -0.10 -0.43	20.26 0.10 -0.41	21.21 0.23 -0.18	22.20 0.23 -0.99	23.28 0.57 -1.65	25.04 0.64 -0.86	22.78 0.66 -0.93	22.47 0.75 -0.31	21.52 0.44 -0.10	20.13 0.24 -0.14	18.21 0.71 -0.56
MCINTYRE_115KV_TB2 80467	19.04 -0.81 0.00	13.51 -0.64 0.00	11.04 -0.54 0.00	10.99 -0.62 0.00	11.14 -0.57 0.00	16.33 -0.57 -0.04	16.99 -0.63 0.00	16.84 -0.68 0.00	16.82 -0.61 -0.03	17.74 -0.68 -0.02	17.93 -0.73 -0.03	18.02 -0.73 -0.05	18.77 -0.92 -0.03	18.75 -0.78 -0.06	18.90 -0.91 -0.06	19.74 -1.08 -0.03	20.07 -1.05 -0.15	20.21 -1.10 -0.24	22.58 -1.08 -0.13	20.44 -0.89 -0.14	20.49 -0.96 -0.05	20.11 -0.88 -0.01	19.01 -0.77 -0.02	16.15 -0.86 -0.08
MECO____69_KV_BK1 80468	23.57 2.50 -1.21	23.39 1.74 -7.50	22.93 1.37 -9.97	20.87 1.20 -8.06	22.21 1.43 -9.07	20.54 2.08 -1.60	19.91 2.29 0.00	19.83 2.31 0.00	20.88 2.21 -1.27	21.55 2.21 -0.95	21.90 2.18 -1.08	22.91 2.21 -2.01	23.25 2.38 -1.20	24.45 2.26 -2.73	24.68 2.35 -2.58	24.54 2.62 -1.12	29.88 2.64 -6.26	34.28 2.84 -10.38	32.21 3.25 -5.42	30.10 3.03 -5.87	26.47 3.10 -1.96	24.44 2.83 -0.63	23.09 2.47 -0.86	22.62 2.15 -3.54
MENANDS__115KV_TB5 355628	21.56 0.68 -1.03	21.01 0.50 -6.37	20.45 0.39 -8.47	18.85 0.39 -6.85	19.81 0.40 -7.70	18.86 0.62 -1.36	18.31 0.69 0.00	18.19 0.67 0.00	19.14 0.66 -1.08	19.90 0.70 -0.81	20.25 0.69 -0.92	21.10 0.69 -1.71	21.50 0.81 -1.03	22.59 0.80 -2.33	22.78 0.83 -2.20	22.65 0.89 -0.95	27.19 0.88 -5.33	30.83 0.93 -8.84	29.19 1.04 -4.62	27.13 0.93 -5.00	24.04 0.96 -1.67	22.39 0.88 -0.54	21.28 0.79 -0.73	20.59 0.64 -3.01
MG INDUSTRY__DRP 24185	21.63 0.77 -1.00	20.91 0.55 -6.21	20.29 0.45 -8.25	18.73 0.45 -6.67	19.68 0.47 -7.50	18.92 0.73 -1.33	18.42 0.79 0.00	18.28 0.75 0.00	19.18 0.73 -1.05	19.93 0.75 -0.79	20.28 0.75 -0.90	21.10 0.73 -1.67	21.51 0.85 -1.00	22.57 0.84 -2.27	22.76 0.87 -2.14	22.66 0.94 -0.93	27.10 0.92 -5.20	30.67 0.99 -8.61	29.15 1.11 -4.50	27.09 1.02 -4.88	24.08 1.05 -1.62	22.44 0.94 -0.52	21.34 0.87 -0.71	20.61 0.75 -2.94
MID__OSWEGATCHIE_HYD 23849	18.84 -1.03 -0.02	13.47 -0.81 -0.13	11.12 -0.64 -0.17	11.04 -0.71 -0.14	11.16 -0.71 -0.16	16.08 -0.86 -0.07	16.71 -0.92 0.00	16.54 -0.98 0.00	16.57 -0.89 -0.05	17.46 -0.97 -0.04	17.60 -1.08 -0.04	17.70 -1.08 -0.08	18.48 -1.24 -0.05	18.43 -1.15 -0.11	18.61 -1.24 -0.11	19.56 -1.29 -0.05	19.98 -1.26 -0.26	20.34 -1.16 -0.43	22.61 -1.15 -0.23	20.38 -1.06 -0.24	20.44 -1.05 -0.08	19.85 -1.15 -0.03	18.67 -1.13 -0.04	16.16 -0.91 -0.15
MID__RAQUETTE_HYD 23851	18.48 -1.37 0.00	13.11 -1.03 0.00	10.72 -0.87 0.00	10.69 -0.92 0.00	10.81 -0.90 0.00	15.87 -1.05 -0.04	16.50 -1.13 0.00	16.37 -1.16 0.00	16.39 -1.04 -0.03	17.30 -1.12 -0.02	17.47 -1.19 -0.03	17.58 -1.18 -0.05	18.28 -1.42 -0.03	18.27 -1.27 -0.07	18.41 -1.40 -0.07	19.25 -1.58 -0.03	19.59 -1.55 -0.16	19.71 -1.62 -0.27	21.99 -1.69 -0.14	19.86 -1.48 -0.15	19.94 -1.52 -0.05	19.52 -1.47 -0.02	18.48 -1.30 -0.02	15.74 -1.29 -0.09
MILLIKEN__1 23584	20.54 0.54 -0.15	15.52 0.45 -0.92	13.17 0.36 -1.22	12.97 0.37 -0.99	13.21 0.39 -1.11	17.66 0.54 -0.25	18.28 0.65 0.00	18.19 0.67 0.00	18.08 0.49 -0.20	19.04 0.50 -0.15	19.29 0.48 -0.17	19.48 0.47 -0.31	20.39 0.53 -0.19	20.35 0.47 -0.42	20.68 0.53 -0.40	21.58 0.60 -0.17	22.58 0.63 -0.97	23.50 0.82 -1.61	25.39 1.01 -0.84	22.97 0.87 -0.91	22.63 0.92 -0.30	21.77 0.69 -0.10	20.42 0.53 -0.13	18.21 0.73 -0.55
MILLIKEN__2 23585	20.54 0.54 -0.15	15.52 0.45 -0.92	13.17 0.36 -1.22	12.97 0.37 -0.99	13.21 0.39 -1.11	17.66 0.54 -0.25	18.28 0.65 0.00	18.19 0.67 0.00	18.08 0.49 -0.20	19.04 0.50 -0.15	19.29 0.48 -0.17	19.48 0.47 -0.31	20.39 0.53 -0.19	20.35 0.47 -0.42	20.68 0.53 -0.40	21.58 0.60 -0.17	22.58 0.63 -0.97	23.50 0.82 -1.61	25.39 1.01 -0.84	22.97 0.87 -0.91	22.63 0.92 -0.30	21.77 0.69 -0.10	20.42 0.53 -0.13	18.21 0.73 -0.55
MILLIKEN__DIESEL 23629	20.54 0.54 -0.15	15.52 0.45 -0.92	13.17 0.36 -1.22	12.97 0.37 -0.99	13.21 0.39 -1.11	17.66 0.54 -0.25	18.28 0.65 0.00	18.19 0.67 0.00	18.08 0.49 -0.20	19.04 0.50 -0.15	19.29 0.48 -0.17	19.48 0.47 -0.31	20.39 0.53 -0.19	20.35 0.47 -0.42	20.68 0.53 -0.40	21.58 0.60 -0.17	22.58 0.63 -0.97	23.50 0.82 -1.61	25.39 1.01 -0.84	22.97 0.87 -0.91	22.63 0.92 -0.30	21.77 0.69 -0.10	20.42 0.53 -0.13	18.21 0.73 -0.55
MILLSEAT__LFGE 323607	20.26 0.30 -0.11	15.23 0.41 -0.67	12.82 0.34 -0.89	12.72 0.39 -0.72	12.91 0.39 -0.81	17.41 0.34 -0.20	17.82 0.19 0.00	17.68 0.16 0.00	17.40 -0.16 -0.16	18.31 -0.20 -0.12	18.53 -0.24 -0.13	18.71 -0.24 -0.25	19.68 -0.14 -0.15	19.72 -0.08 -0.34	20.13 0.06 -0.32	21.10 0.17 -0.14	21.84 0.08 -0.78	22.71 0.36 -1.29	24.52 0.31 -0.67	22.26 0.34 -0.73	22.10 0.45 -0.24	21.24 0.19 -0.08	19.90 0.04 -0.11	18.07 0.69 -0.44
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.74 1.09 -0.79	19.88 0.83 -4.90	18.82 0.73 -6.50	17.59 0.72 -5.26	18.32 0.69 -5.91	18.87 0.94 -1.05	18.65 1.02 0.00	18.63 1.10 0.00	19.37 1.13 -0.84	20.23 1.21 -0.62	20.61 1.27 -0.71	21.31 1.29 -1.32	21.92 1.46 -0.79	22.72 1.46 -1.80	22.93 1.48 -1.70	23.14 1.60 -0.74	26.76 1.66 -4.12	29.63 1.73 -6.84	28.97 1.86 -3.57	26.69 1.63 -3.87	24.32 1.63 -1.29	22.96 1.57 -0.41	21.77 1.44 -0.57	20.45 1.19 -2.33

MILLWOOD_13_KV_LOAD 356217	21.78 1.13 -0.79	19.90 0.86 -4.90	18.83 0.74 -6.50	17.61 0.74 -5.26	18.33 0.70 -5.91	18.89 0.96 -1.05	18.68 1.06 0.00	18.66 1.14 0.00	19.42 1.18 -0.84	20.27 1.25 -0.62	20.67 1.32 -0.71	21.37 1.35 -1.32	21.96 1.49 -0.79	22.76 1.50 -1.80	22.95 1.50 -1.70	23.18 1.64 -0.74	26.84 1.74 -4.12	29.71 1.81 -6.84	29.04 1.93 -3.57	26.76 1.70 -3.87	24.37 1.67 -1.29	23.03 1.64 -0.41	21.81 1.48 -0.57	20.47 1.20 -2.33
MODEL_CITY_ENERGY 24167	19.79 -0.18 -0.11	14.92 0.07 -0.71	12.62 0.09 -0.94	12.52 0.15 -0.76	12.71 0.14 -0.85	17.03 -0.05 -0.21	17.43 -0.19 0.00	17.28 -0.25 0.00	16.99 -0.57 -0.16	17.89 -0.63 -0.12	18.07 -0.71 -0.14	18.27 -0.69 -0.26	19.19 -0.63 -0.15	19.25 -0.57 -0.35	19.66 -0.42 -0.33	20.63 -0.31 -0.14	21.36 -0.42 -0.81	22.23 -0.17 -1.34	23.88 -0.35 -0.70	21.72 -0.23 -0.76	21.49 -0.17 -0.25	20.70 -0.36 -0.08	19.43 -0.43 -0.11	17.67 0.29 -0.46
MODERN_LFGE_ 323580	19.79 -0.18 -0.11	14.92 0.07 -0.71	12.62 0.09 -0.94	12.52 0.15 -0.76	12.71 0.14 -0.85	17.03 -0.05 -0.21	17.43 -0.19 0.00	17.28 -0.25 0.00	16.99 -0.57 -0.16	17.89 -0.63 -0.12	18.07 -0.71 -0.14	18.27 -0.69 -0.26	19.19 -0.63 -0.15	19.25 -0.57 -0.35	19.66 -0.42 -0.33	20.63 -0.31 -0.14	21.36 -0.42 -0.81	22.23 -0.17 -1.34	23.88 -0.35 -0.70	21.72 -0.23 -0.76	21.49 -0.17 -0.25	20.70 -0.36 -0.08	19.43 -0.43 -0.11	17.67 0.29 -0.46
MOHAWK_PAPER__DRP 24187	21.72 0.83 -1.03	21.13 0.59 -6.39	20.54 0.46 -8.49	18.94 0.46 -6.86	19.91 0.48 -7.72	18.98 0.74 -1.36	18.42 0.79 0.00	18.29 0.77 0.00	19.27 0.78 -1.08	20.01 0.81 -0.81	20.36 0.80 -0.92	21.22 0.80 -1.71	21.62 0.92 -1.03	22.73 0.93 -2.33	22.92 0.97 -2.20	22.79 1.04 -0.95	27.35 1.03 -5.35	31.00 1.07 -8.86	29.37 1.20 -4.63	27.29 1.08 -5.02	24.19 1.11 -1.67	22.54 1.03 -0.54	21.42 0.93 -0.73	20.72 0.76 -3.02
MOHICAN__35_KV_115KV_LD 80490	22.62 1.71 -1.06	21.88 1.16 -6.57	21.23 0.92 -8.73	19.59 0.92 -7.06	20.59 0.94 -7.94	19.66 1.38 -1.40	19.12 1.50 0.00	19.05 1.52 0.00	20.03 1.51 -1.11	20.81 1.58 -0.83	21.17 1.58 -0.95	21.88 1.42 -1.76	22.30 1.57 -1.06	23.38 1.52 -2.40	23.69 1.68 -2.27	23.63 1.85 -0.98	28.32 1.85 -5.50	32.09 1.92 -9.11	30.56 2.26 -4.76	28.43 2.08 -5.16	25.27 2.14 -1.72	23.44 1.91 -0.55	22.23 1.72 -0.76	21.48 1.44 -3.11
MONGAUP__HYD 23641	21.51 0.95 -0.71	19.23 0.71 -4.38	18.00 0.60 -5.81	16.90 0.59 -4.70	17.63 0.63 -5.29	18.64 0.83 -0.94	18.54 0.92 0.00	18.41 0.89 0.00	18.98 0.84 -0.75	19.84 0.88 -0.56	20.21 0.93 -0.64	20.82 0.93 -1.19	21.40 1.02 -0.71	22.13 1.05 -1.62	22.36 1.09 -1.53	22.67 1.21 -0.66	25.83 1.15 -3.70	28.44 1.24 -6.14	28.13 1.39 -3.20	25.96 1.29 -3.47	23.91 1.35 -1.16	22.71 1.36 -0.37	21.49 1.23 -0.51	20.04 1.02 -2.09
MONTAUK__DIESEL 23721	28.15 3.16 -5.14	23.20 2.29 -6.76	20.10 1.94 -6.57	18.84 1.93 -5.30	19.41 1.73 -5.96	20.29 2.36 -1.06	20.30 2.68 0.00	20.20 2.68 0.00	21.13 2.89 -0.84	22.55 3.13 -1.02	25.63 3.21 -3.79	26.38 3.29 -4.38	29.26 3.64 -5.95	35.93 3.64 -12.83	37.06 3.73 -13.58	39.03 4.04 -14.19	46.93 4.15 -21.80	41.84 4.32 -16.46	49.52 4.78 -21.20	39.19 4.22 -13.78	38.97 4.09 -13.47	35.98 3.90 -11.10	34.04 3.71 -10.57	24.31 3.12 -4.26
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.16 0.18 -0.13	15.34 0.38 -0.81	13.03 0.37 -1.07	13.04 0.57 -0.87	13.24 0.55 -0.98	17.60 0.51 -0.23	18.28 0.65 0.00	18.20 0.68 0.00	17.58 0.00 -0.18	18.45 -0.07 -0.13	18.56 -0.22 -0.15	18.78 -0.21 -0.28	19.90 0.06 -0.17	19.85 0.00 -0.39	20.29 0.18 -0.37	21.33 0.37 -0.16	22.16 0.29 -0.89	23.16 0.63 -1.47	24.80 0.49 -0.77	22.62 0.59 -0.83	22.37 0.69 -0.28	21.57 0.50 -0.09	20.19 0.32 -0.12	18.28 0.85 -0.50
MORTIMER_115KV_TB3 55949	20.26 0.32 -0.09	15.09 0.37 -0.57	12.63 0.28 -0.76	12.54 0.31 -0.62	12.71 0.30 -0.69	17.40 0.35 -0.18	17.76 0.14 0.00	17.66 0.14 0.00	17.59 0.05 -0.14	18.55 0.06 -0.11	18.81 0.06 -0.12	18.98 0.06 -0.22	20.00 0.20 -0.13	19.92 0.16 -0.31	20.27 0.24 -0.29	21.24 0.31 -0.12	21.93 0.25 -0.70	22.66 0.44 -1.16	24.62 0.47 -0.61	22.27 0.42 -0.66	22.12 0.49 -0.22	21.32 0.27 -0.07	19.97 0.12 -0.10	17.95 0.63 -0.40
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.90 1.25 -0.80	20.01 0.93 -4.93	18.97 0.82 -6.55	17.72 0.81 -5.30	18.45 0.77 -5.96	18.98 1.05 -1.06	18.77 1.15 0.00	18.75 1.23 0.00	19.51 1.27 -0.84	20.40 1.38 -0.63	20.79 1.43 -0.72	21.51 1.48 -1.33	22.12 1.65 -0.80	22.95 1.67 -1.81	23.12 1.66 -1.71	23.35 1.81 -0.74	27.02 1.89 -4.16	29.91 1.96 -6.89	29.26 2.12 -3.60	26.96 1.86 -3.90	24.50 1.80 -1.30	23.14 1.74 -0.42	21.99 1.66 -0.57	20.64 1.35 -2.35
MUNSVILLE_WIND_PWR 323609	21.26 1.19 -0.22	16.46 0.96 -1.36	14.14 0.75 -1.80	13.78 0.72 -1.46	14.11 0.76 -1.64	18.25 1.05 -0.34	18.84 1.22 0.00	18.59 1.07 0.00	18.48 0.82 -0.27	19.31 0.72 -0.20	19.55 0.69 -0.23	19.74 0.62 -0.42	20.61 0.69 -0.25	20.74 0.70 -0.57	21.10 0.81 -0.54	21.95 0.91 -0.23	23.32 1.03 -1.32	24.68 1.43 -2.18	26.54 1.86 -1.14	24.17 1.74 -1.24	23.51 1.69 -0.41	22.51 1.41 -0.13	21.08 1.15 -0.18	18.86 1.18 -0.74
N SALMON__HYD 24042	18.72 -1.13 0.00	13.33 -0.82 0.00	10.89 -0.69 0.00	10.92 -0.68 0.00	10.96 -0.75 0.00	15.99 -0.91 -0.03	16.60 -1.02 0.00	16.50 -1.02 0.00	16.54 -0.89 -0.02	17.45 -0.96 -0.02	17.63 -1.02 -0.02	17.69 -1.05 -0.04	18.49 -1.20 -0.02	18.38 -1.13 -0.05	18.53 -1.26 -0.05	19.41 -1.42 -0.02	19.77 -1.32 -0.12	19.91 -1.35 -0.19	22.30 -1.34 -0.10	20.16 -1.14 -0.11	20.24 -1.20 -0.04	19.79 -1.19 -0.01	18.69 -1.09 -0.02	15.90 -1.10 -0.07
N.AKRON__115KV_KNAPP 355671	20.26 0.30 -0.11	15.23 0.41 -0.68	12.84 0.35 -0.90	12.73 0.39 -0.73	12.93 0.40 -0.82	17.44 0.37 -0.20	17.84 0.21 0.00	17.70 0.18 0.00	17.42 -0.14 -0.16	18.33 -0.18 -0.12	18.53 -0.24 -0.14	18.73 -0.22 -0.25	19.80 -0.02 -0.15	19.74 -0.06 -0.34	20.15 0.08 -0.32	21.13 0.19 -0.14	21.86 0.10 -0.78	22.72 0.36 -1.30	24.52 0.31 -0.68	22.29 0.36 -0.73	22.10 0.45 -0.24	21.24 0.19 -0.08	19.90 0.04 -0.11	18.07 0.69 -0.44
N.BELMOR_69_KV_BK1 55787	26.70 1.71 -5.14	22.17 1.26 -6.76	19.25 1.09 -6.57	17.96 1.04 -5.30	18.64 0.96 -5.96	19.23 1.30 -1.06	19.10 1.48 0.00	19.05 1.52 0.00	19.89 1.65 -0.84	21.18 1.77 -1.02	24.19 1.77 -3.79	24.89 1.81 -4.38	25.72 2.01 -4.05	25.86 2.00 -4.39	26.31 2.03 -4.53	26.30 2.20 -3.30	28.53 2.27 -5.28	30.36 2.34 -6.95	29.99 2.54 -3.91	28.88 2.27 -5.42	26.23 2.23 -2.60	25.85 2.16 -2.72	24.19 2.05 -2.38	22.90 1.71 -4.26
N.E._GEN_SANDY PD 24062	21.65 0.87 -0.92	20.49 0.64 -5.70	19.69 0.52 -7.58	18.27 0.53 -6.13	19.11 0.50 -6.89	18.87 0.78 -1.22	18.42 0.79 0.00	18.35 0.82 0.00	19.20 0.84 -0.97	20.00 0.88 -0.72	20.37 0.91 -0.83	21.13 0.90 -1.53	21.61 1.02 -0.92	22.60 1.05 -2.09	22.82 1.11 -1.97	22.80 1.14 -0.85	26.89 1.13 -4.78	30.20 1.20 -7.93	29.00 1.32 -4.14	26.85 1.16 -4.49	24.10 1.20 -1.50	22.61 1.15 -0.48	21.50 1.09 -0.66	20.50 0.86 -2.70

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.63 1.01 -0.76	19.66 0.81 -4.71	18.55 0.71 -6.25	17.35 0.68 -5.06	18.07 0.67 -5.68	18.80 0.91 -1.01	18.61 0.99 0.00	18.57 1.05 0.00	19.28 1.08 -0.80	20.13 1.14 -0.60	20.53 1.21 -0.69	21.21 1.23 -1.27	21.81 1.38 -0.76	22.58 1.38 -1.73	22.81 1.42 -1.64	23.05 1.54 -0.71	26.48 1.53 -3.97	29.22 1.58 -6.58	28.67 1.69 -3.44	26.44 1.53 -3.72	24.19 1.54 -1.24	22.91 1.53 -0.40	21.69 1.38 -0.55	20.29 1.12 -2.24
N. QUEENS_27_KV_LOAD 356247	22.13 1.47 -0.81	20.18 1.09 -4.94	19.11 0.96 -6.56	17.88 0.96 -5.31	18.60 0.91 -5.97	19.08 1.15 -1.06	18.86 1.23 0.00	18.77 1.24 0.00	19.48 1.24 -0.84	20.46 1.43 -0.63	20.88 1.53 -0.72	21.62 1.59 -1.33	22.30 1.83 -0.80	23.14 1.87 -1.81	23.24 1.78 -1.71	23.48 1.93 -0.74	27.25 2.12 -4.16	30.04 2.09 -6.89	29.54 2.40 -3.60	27.19 2.10 -3.90	24.61 1.91 -1.30	23.30 1.91 -0.42	22.27 1.94 -0.58	20.86 1.57 -2.36
N. TROY___115KV_TB1 355778	21.83 0.93 -1.04	21.24 0.66 -6.43	20.66 0.53 -8.54	19.05 0.53 -6.91	20.01 0.53 -7.77	19.05 0.81 -1.37	18.49 0.86 0.00	18.38 0.86 0.00	19.34 0.85 -1.09	20.11 0.90 -0.81	20.48 0.91 -0.93	21.30 0.88 -1.72	21.73 1.02 -1.04	22.82 1.01 -2.35	23.03 1.07 -2.22	22.90 1.14 -0.96	27.49 1.13 -5.38	31.16 1.18 -8.92	29.54 1.34 -4.66	27.45 1.21 -5.05	24.33 1.24 -1.68	22.67 1.15 -0.54	21.54 1.05 -0.74	20.84 0.86 -3.04
NARROWS_GT1_1 24228	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
NARROWS_GT1_2 24229	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
NARROWS_GT1_3 24230	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
NARROWS_GT1_4 24231	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
NARROWS_GT1_5 24232	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
NARROWS_GT1_6 24233	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
NARROWS_GT1_7 24234	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
NARROWS_GT1_8 24235	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
NARROWS_GT2_1 24236	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
NARROWS_GT2_2 24237	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
NARROWS_GT2_3 24238	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
NARROWS_GT2_4 24239	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35

NARROWS_GT2_5 24240	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
NARROWS_GT2_6 24241	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
NARROWS_GT2_7 24242	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
NARROWS_GT2_8 24243	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.73 0.91 -0.96	20.69 0.61 -5.93	19.93 0.46 -7.88	18.46 0.48 -6.37	19.42 0.54 -7.16	18.97 0.83 -1.27	18.63 1.00 0.00	18.43 0.91 0.00	19.15 0.75 -1.01	19.92 0.77 -0.75	20.20 0.71 -0.86	21.00 0.71 -1.59	21.43 0.81 -0.96	22.41 0.78 -2.17	22.63 0.83 -2.05	22.60 0.92 -0.89	26.83 0.88 -4.97	30.27 0.97 -8.24	29.00 1.15 -4.30	26.96 1.10 -4.66	24.18 1.22 -1.55	22.57 1.09 -0.50	21.39 0.95 -0.68	20.54 0.80 -2.81
NCHELSEA_115KV_TR2 355582	21.79 1.13 -0.80	19.93 0.83 -4.95	18.88 0.72 -6.57	17.63 0.71 -5.31	18.40 0.71 -5.97	18.93 1.00 -1.06	18.70 1.08 0.00	18.63 1.10 0.00	19.32 1.08 -0.84	20.18 1.16 -0.63	20.55 1.19 -0.72	21.27 1.23 -1.34	21.83 1.36 -0.80	22.64 1.36 -1.82	22.85 1.38 -1.72	23.06 1.52 -0.74	26.70 1.55 -4.17	29.57 1.60 -6.91	28.91 1.77 -3.61	26.67 1.57 -3.91	24.31 1.61 -1.30	22.97 1.57 -0.42	21.75 1.42 -0.57	20.47 1.19 -2.36
NEG CAPITAL___MECHNVIL 23645	22.28 1.37 -1.05	21.62 0.95 -6.52	21.01 0.75 -8.66	19.37 0.75 -7.01	20.35 0.76 -7.88	19.41 1.15 -1.39	18.84 1.22 0.00	18.75 1.23 0.00	19.72 1.22 -1.11	20.51 1.29 -0.83	20.88 1.30 -0.94	21.70 1.25 -1.75	22.09 1.38 -1.05	23.23 1.38 -2.38	23.46 1.46 -2.25	23.35 1.58 -0.97	28.01 1.57 -5.46	31.76 1.64 -9.05	30.12 1.86 -4.73	28.01 1.70 -5.12	24.85 1.73 -1.71	23.10 1.57 -0.55	21.93 1.42 -0.75	21.22 1.20 -3.09
NEG CENTRAL_HIGH_ACRES 23767	19.92 -0.02 -0.09	14.80 0.10 -0.56	12.37 0.05 -0.74	12.28 0.07 -0.60	12.47 0.08 -0.67	17.10 0.05 -0.17	17.55 -0.07 0.00	17.47 -0.05 0.00	17.40 -0.14 -0.14	18.37 -0.13 -0.10	18.64 -0.11 -0.12	18.79 -0.13 -0.22	19.70 -0.10 -0.13	19.68 -0.08 -0.30	20.01 -0.02 -0.28	20.94 0.02 -0.12	21.66 0.00 -0.69	22.37 0.17 -1.14	24.32 0.19 -0.59	21.96 0.13 -0.64	21.79 0.17 -0.21	21.00 -0.04 -0.07	19.69 -0.16 -0.09	17.64 0.32 -0.39
NEG CENTRAL___DRP 24199	20.23 0.28 -0.10	15.05 0.30 -0.61	12.63 0.23 -0.81	12.50 0.24 -0.65	12.71 0.26 -0.73	17.38 0.32 -0.18	18.03 0.41 0.00	17.94 0.42 0.00	17.79 0.24 -0.15	18.76 0.26 -0.11	19.00 0.24 -0.13	19.18 0.24 -0.23	20.10 0.30 -0.14	20.01 0.23 -0.32	20.36 0.32 -0.30	21.32 0.40 -0.13	22.10 0.40 -0.72	22.87 0.61 -1.20	24.87 0.71 -0.63	22.49 0.61 -0.68	22.27 0.64 -0.23	21.47 0.42 -0.07	20.11 0.26 -0.10	17.90 0.56 -0.41
NEG CENTRAL___INDECK 23768	20.74 0.75 -0.13	15.64 0.69 -0.80	13.18 0.53 -1.06	13.04 0.58 -0.86	13.26 0.59 -0.96	17.80 0.71 -0.22	18.33 0.71 0.00	18.15 0.63 0.00	17.84 0.26 -0.18	18.62 0.09 -0.13	18.71 -0.07 -0.15	18.87 -0.11 -0.28	19.78 -0.06 -0.17	19.79 -0.06 -0.38	20.19 0.08 -0.36	21.12 0.17 -0.16	22.06 0.21 -0.88	23.11 0.59 -1.45	25.15 0.85 -0.76	23.01 1.00 -0.82	22.88 1.20 -0.27	21.95 0.88 -0.09	20.51 0.63 -0.12	18.53 1.10 -0.50
NEG CENTRAL___SENECA 23627	20.32 0.36 -0.11	15.20 0.38 -0.67	12.78 0.30 -0.89	12.63 0.30 -0.72	12.85 0.33 -0.81	17.46 0.39 -0.20	18.12 0.49 0.00	18.03 0.51 0.00	17.84 0.28 -0.16	18.79 0.28 -0.12	19.03 0.26 -0.13	19.19 0.24 -0.25	20.15 0.33 -0.15	20.09 0.29 -0.34	20.46 0.39 -0.32	21.44 0.50 -0.14	22.26 0.50 -0.78	23.09 0.74 -1.29	25.06 0.85 -0.67	22.66 0.74 -0.73	22.44 0.79 -0.24	21.58 0.52 -0.08	20.20 0.34 -0.11	18.05 0.68 -0.44
NEG CENTRAL___STATE_STREET 24147	20.31 0.36 -0.10	15.04 0.30 -0.59	12.61 0.23 -0.79	12.58 0.34 -0.64	12.69 0.26 -0.72	17.42 0.37 -0.18	18.06 0.44 0.00	17.99 0.47 0.00	17.91 0.37 -0.14	18.89 0.39 -0.11	19.17 0.41 -0.12	19.34 0.41 -0.23	20.26 0.45 -0.14	20.16 0.39 -0.31	20.49 0.45 -0.29	21.45 0.52 -0.13	22.21 0.52 -0.71	22.94 0.70 -1.18	24.96 0.80 -0.62	22.54 0.68 -0.67	22.34 0.71 -0.22	21.53 0.48 -0.07	20.19 0.34 -0.10	17.93 0.59 -0.40
NEG MILLWOOD___DRP 24198	21.85 1.19 -0.81	20.04 0.89 -5.01	18.99 0.75 -6.65	17.74 0.75 -5.38	18.49 0.73 -6.05	18.96 1.01 -1.08	18.73 1.11 0.00	18.71 1.19 0.00	19.47 1.22 -0.85	20.30 1.27 -0.64	20.70 1.34 -0.73	21.40 1.35 -1.35	21.99 1.51 -0.81	22.80 1.50 -1.84	22.97 1.48 -1.74	23.20 1.64 -0.75	26.98 1.78 -4.22	29.93 1.87 -6.99	29.17 1.98 -3.65	26.89 1.74 -3.96	24.44 1.71 -1.32	23.10 1.70 -0.42	21.84 1.50 -0.58	20.55 1.24 -2.38
NEG NORTH_FLCN_SEA 23793	18.88 -0.97 0.00	13.47 -0.68 0.00	11.00 -0.59 0.00	11.06 -0.55 0.00	11.07 -0.64 0.00	16.03 -0.86 -0.02	16.71 -0.92 0.00	16.61 -0.91 0.00	16.62 -0.80 -0.02	17.54 -0.86 -0.01	17.72 -0.93 -0.02	17.76 -0.97 -0.03	18.53 -1.16 -0.02	18.45 -1.05 -0.04	18.62 -1.17 -0.04	19.51 -1.31 -0.02	19.87 -1.20 -0.09	20.02 -1.20 -0.15	22.47 -1.15 -0.08	20.28 -1.00 -0.09	20.37 -1.07 -0.03	19.92 -1.07 -0.01	18.82 -0.95 -0.01	16.00 -0.98 -0.05
NEG NORTH_KES_CHATEGAY 23792	18.78 -1.07 0.00	13.37 -0.78 0.00	10.93 -0.66 0.00	10.98 -0.63 0.00	10.99 -0.73 0.00	15.93 -0.96 -0.03	16.60 -1.02 0.00	16.52 -1.00 0.00	16.53 -0.89 -0.02	17.43 -0.97 -0.01	17.61 -1.04 -0.02	17.67 -1.07 -0.03	18.43 -1.26 -0.02	18.36 -1.15 -0.04	18.52 -1.26 -0.04	19.40 -1.41 -0.02	19.78 -1.30 -0.10	19.90 -1.33 -0.16	22.31 -1.32 -0.09	20.16 -1.12 -0.09	20.24 -1.20 -0.03	19.79 -1.20 -0.01	18.70 -1.07 -0.01	15.89 -1.10 -0.06

NEG NORTH___ALICE_FALLS 23915	18.80 -1.05 0.00	13.41 -0.74 0.00	10.95 -0.64 0.00	11.02 -0.59 0.00	11.02 -0.69 0.00	15.95 -0.94 -0.02	16.64 -0.99 0.00	16.54 -0.98 0.00	16.57 -0.85 -0.02	17.47 -0.94 -0.01	17.64 -1.01 -0.02	17.70 -1.03 -0.03	18.45 -1.24 -0.02	18.37 -1.13 -0.04	18.54 -1.24 -0.04	19.42 -1.39 -0.02	19.79 -1.28 -0.09	19.96 -1.26 -0.16	22.40 -1.22 -0.08	20.24 -1.04 -0.09	20.32 -1.11 -0.03	19.85 -1.13 -0.01	18.76 -1.01 -0.01	15.95 -1.03 -0.05
NEG NORTH___LWR_SARANAC 23913	18.80 -1.05 0.00	13.41 -0.74 0.00	10.95 -0.64 0.00	11.02 -0.59 0.00	11.02 -0.69 0.00	15.95 -0.94 -0.02	16.64 -0.99 0.00	16.54 -0.98 0.00	16.57 -0.85 -0.02	17.47 -0.94 -0.01	17.64 -1.01 -0.02	17.70 -1.03 -0.03	18.45 -1.24 -0.02	18.37 -1.13 -0.04	18.54 -1.24 -0.04	19.42 -1.39 -0.02	19.79 -1.28 -0.09	19.96 -1.26 -0.16	22.40 -1.22 -0.08	20.24 -1.04 -0.09	20.32 -1.11 -0.03	19.85 -1.13 -0.01	18.76 -1.01 -0.01	15.95 -1.03 -0.05
NEG NORTH___PLATTSBURG 23628	18.80 -1.05 0.00	13.41 -0.74 0.00	10.95 -0.64 0.00	11.02 -0.59 0.00	11.02 -0.69 0.00	16.05 -0.84 -0.02	16.64 -0.99 0.00	16.54 -0.98 0.00	16.57 -0.85 -0.02	17.47 -0.94 -0.01	17.64 -1.01 -0.02	17.70 -1.03 -0.03	18.51 -1.18 -0.02	18.37 -1.13 -0.04	18.54 -1.24 -0.04	19.42 -1.39 -0.02	19.79 -1.28 -0.09	19.96 -1.26 -0.16	22.40 -1.23 -0.08	20.24 -1.04 -0.09	20.32 -1.11 -0.03	19.85 -1.13 -0.01	18.74 -1.03 -0.01	15.95 -1.03 -0.05
NEG WEST_LEA_LOCKPORT 23791	19.99 0.02 -0.11	15.06 0.21 -0.70	12.73 0.21 -0.93	12.62 0.27 -0.75	12.82 0.26 -0.84	17.21 0.13 -0.20	17.62 0.00 0.00	17.47 -0.05 0.00	17.16 -0.40 -0.16	18.07 -0.44 -0.12	18.25 -0.52 -0.14	18.45 -0.50 -0.26	19.51 -0.31 -0.15	19.46 -0.35 -0.35	19.88 -0.20 -0.33	20.86 -0.08 -0.14	21.57 -0.21 -0.80	22.45 0.06 -1.32	24.14 -0.09 -0.69	21.94 0.00 -0.75	21.72 0.06 -0.25	20.91 -0.15 -0.08	19.61 -0.26 -0.11	17.84 0.46 -0.45
NEG WEST___LANCASTR 23811	19.43 -0.56 -0.13	14.76 -0.20 -0.82	12.53 -0.14 -1.08	12.43 -0.06 -0.88	12.62 -0.08 -0.99	16.73 -0.37 -0.23	17.92 0.35 0.00	17.73 0.21 0.00	16.78 -0.80 -0.18	17.70 -0.83 -0.13	17.86 -0.93 -0.15	18.07 -0.92 -0.29	19.09 -0.75 -0.17	19.07 -0.78 -0.39	19.54 -0.57 -0.37	20.48 -0.48 -0.16	21.30 -0.57 -0.89	22.23 -0.32 -1.48	23.75 -0.56 -0.77	21.61 -0.42 -0.84	21.32 -0.36 -0.28	20.48 -0.59 -0.09	19.19 -0.69 -0.12	17.39 -0.05 -0.50
NEG_PENN_ALLEGHNY 23528	20.43 0.34 -0.24	15.93 0.33 -1.45	13.80 0.28 -1.93	13.46 0.29 -1.56	13.76 0.29 -1.76	17.58 0.35 -0.36	18.12 0.49 0.00	18.01 0.49 0.00	17.96 0.28 -0.28	18.90 0.29 -0.21	19.17 0.30 -0.24	19.45 0.30 -0.45	20.25 0.31 -0.27	20.40 0.33 -0.61	20.76 0.43 -0.58	21.55 0.50 -0.25	22.88 0.50 -1.40	24.06 0.67 -2.32	25.46 0.71 -1.21	23.12 0.61 -1.31	22.48 0.64 -0.44	21.60 0.48 -0.14	20.30 0.36 -0.19	18.28 0.56 -0.79
NEG___GEN_MONROE 24207	20.29 0.34 -0.09	15.11 0.38 -0.58	12.66 0.30 -0.77	12.58 0.35 -0.62	12.75 0.34 -0.70	17.44 0.39 -0.18	17.82 0.19 0.00	17.66 0.14 0.00	17.56 0.02 -0.14	18.50 0.00 -0.11	18.70 -0.06 -0.12	18.85 -0.07 -0.23	19.84 0.04 -0.14	19.77 0.00 -0.31	20.18 0.14 -0.29	21.11 0.19 -0.13	21.81 0.13 -0.70	22.61 0.38 -1.17	24.50 0.35 -0.61	22.23 0.38 -0.66	22.10 0.47 -0.22	21.28 0.23 -0.07	19.95 0.10 -0.10	17.96 0.63 -0.40
NEPA___ENERGY 23901	20.07 0.08 -0.13	15.24 0.27 -0.82	12.95 0.27 -1.09	12.86 0.37 -0.88	13.02 0.32 -0.99	17.29 0.19 -0.23	17.98 0.35 0.00	17.85 0.33 0.00	17.36 -0.23 -0.18	18.31 -0.22 -0.14	18.47 -0.32 -0.16	18.69 -0.30 -0.29	19.72 -0.12 -0.17	19.70 -0.16 -0.39	20.20 0.08 -0.37	21.17 0.21 -0.16	22.00 0.13 -0.90	22.93 0.38 -1.49	24.51 0.19 -0.78	22.29 0.25 -0.84	22.01 0.32 -0.28	21.19 0.13 -0.09	19.84 -0.04 -0.12	17.96 0.52 -0.51
NEVERSINK___HYD 23608	21.36 0.81 -0.69	19.01 0.61 -4.25	17.76 0.52 -5.65	16.69 0.51 -4.57	17.38 0.53 -5.14	18.50 0.71 -0.92	18.40 0.77 0.00	18.29 0.77 0.00	18.86 0.73 -0.73	19.71 0.77 -0.54	20.08 0.82 -0.62	20.70 0.84 -1.15	21.29 0.92 -0.69	21.99 0.95 -1.57	22.22 0.99 -1.48	22.54 1.10 -0.64	25.69 1.11 -3.60	28.23 1.20 -5.97	28.00 1.34 -3.12	25.78 1.21 -3.38	23.77 1.24 -1.13	22.58 1.24 -0.36	21.36 1.11 -0.49	19.86 0.90 -2.03
NEWKRMKL_115KV_TB1 55635	21.48 0.60 -1.03	20.95 0.42 -6.38	20.39 0.34 -8.47	18.79 0.34 -6.85	19.77 0.35 -7.70	18.79 0.56 -1.36	18.26 0.63 0.00	18.12 0.60 0.00	19.09 0.61 -1.08	19.84 0.64 -0.81	20.17 0.61 -0.92	21.03 0.62 -1.71	21.42 0.73 -1.03	22.51 0.72 -2.33	22.70 0.75 -2.20	22.56 0.81 -0.95	27.11 0.80 -5.33	30.75 0.84 -8.84	29.10 0.94 -4.62	27.05 0.85 -5.01	23.95 0.88 -1.67	22.29 0.78 -0.54	21.18 0.69 -0.73	20.52 0.58 -3.02
NEWTON___FALLS_HYD 23847	18.84 -1.03 -0.02	13.47 -0.81 -0.13	11.12 -0.64 -0.17	11.04 -0.71 -0.14	11.16 -0.71 -0.16	16.08 -0.86 -0.07	16.71 -0.92 0.00	16.54 -0.98 0.00	16.57 -0.89 -0.05	17.46 -0.97 -0.04	17.60 -1.08 -0.04	17.70 -1.08 -0.08	18.48 -1.24 -0.05	18.43 -1.15 -0.11	18.61 -1.24 -0.11	19.56 -1.29 -0.05	19.98 -1.26 -0.26	20.34 -1.16 -0.43	22.61 -1.15 -0.23	20.38 -1.06 -0.24	20.44 -1.05 -0.08	19.85 -1.15 -0.03	18.67 -1.13 -0.04	16.16 -0.91 -0.15
NGRID_A1_DSASP 323792	19.75 -0.22 -0.11	14.94 0.09 -0.71	12.68 0.15 -0.94	12.57 0.20 -0.76	12.76 0.19 -0.86	17.04 -0.03 -0.21	17.34 -0.28 0.00	17.15 -0.37 0.00	16.90 -0.66 -0.16	17.80 -0.72 -0.12	17.97 -0.80 -0.14	18.18 -0.78 -0.26	19.10 -0.73 -0.16	19.13 -0.68 -0.35	19.57 -0.51 -0.33	20.51 -0.44 -0.14	21.22 -0.57 -0.81	22.09 -0.32 -1.34	23.72 -0.52 -0.70	21.57 -0.38 -0.76	21.34 -0.32 -0.25	20.55 -0.50 -0.08	19.31 -0.55 -0.11	17.66 0.27 -0.46
NGRID_A2_DSASP 323793	19.75 -0.22 -0.11	14.94 0.09 -0.71	12.68 0.15 -0.94	12.57 0.20 -0.76	12.76 0.19 -0.86	17.04 -0.03 -0.21	17.34 -0.28 0.00	17.15 -0.37 0.00	16.90 -0.66 -0.16	17.80 -0.72 -0.12	17.97 -0.80 -0.14	18.18 -0.78 -0.26	19.10 -0.73 -0.16	19.13 -0.68 -0.35	19.57 -0.51 -0.33	20.51 -0.44 -0.14	21.22 -0.57 -0.81	22.09 -0.32 -1.34	23.72 -0.52 -0.70	21.57 -0.38 -0.76	21.34 -0.32 -0.25	20.55 -0.50 -0.08	19.31 -0.55 -0.11	17.66 0.27 -0.46
NGRID_A4_DSASP 323807	19.75 -0.22 -0.11	14.94 0.08 -0.71	12.67 0.14 -0.94	12.57 0.20 -0.76	12.76 0.19 -0.86	17.06 -0.02 -0.21	17.34 -0.28 0.00	17.15 -0.37 0.00	16.90 -0.66 -0.16	17.80 -0.72 -0.12	17.97 -0.80 -0.14	18.18 -0.79 -0.26	19.19 -0.63 -0.16	19.15 -0.66 -0.35	19.57 -0.51 -0.33	20.51 -0.44 -0.14	21.22 -0.57 -0.81	22.09 -0.32 -1.34	23.72 -0.52 -0.70	21.55 -0.40 -0.76	21.34 -0.32 -0.25	20.55 -0.50 -0.08	19.30 -0.57 -0.11	17.66 0.27 -0.46
NIAGARA_115E_LBMP 323715	19.69 -0.28 -0.12	14.86 0.00 -0.71	12.57 0.03 -0.95	12.47 0.09 -0.77	12.66 0.08 -0.86	16.94 -0.14 -0.21	17.32 -0.30 0.00	17.19 -0.33 0.00	16.90 -0.66 -0.16	17.80 -0.72 -0.12	17.97 -0.80 -0.14	18.18 -0.78 -0.26	19.10 -0.73 -0.16	19.15 -0.66 -0.35	19.57 -0.51 -0.33	20.53 -0.42 -0.14	21.24 -0.55 -0.81	22.11 -0.29 -1.34	23.75 -0.50 -0.70	21.59 -0.36 -0.76	21.36 -0.30 -0.25	20.58 -0.48 -0.08	19.32 -0.55 -0.11	17.58 0.19 -0.46

NIAGARA_115W_LBMP 323714	19.71 -0.26 -0.11	14.91 0.06 -0.71	12.66 0.13 -0.94	12.54 0.17 -0.76	12.74 0.16 -0.86	17.01 -0.07 -0.21	17.31 -0.32 0.00	17.10 -0.42 0.00	16.85 -0.71 -0.16	17.74 -0.77 -0.12	17.92 -0.86 -0.14	18.12 -0.84 -0.26	19.04 -0.79 -0.16	19.09 -0.72 -0.35	19.51 -0.57 -0.33	20.44 -0.50 -0.14	21.18 -0.61 -0.81	22.05 -0.36 -1.34	23.65 -0.59 -0.70	21.50 -0.45 -0.76	21.27 -0.38 -0.25	20.49 -0.57 -0.08	19.26 -0.61 -0.11	17.61 0.22 -0.46
NIAGARA_230_LBMP 323716	19.89 -0.08 -0.11	14.99 0.14 -0.70	12.67 0.15 -0.93	12.57 0.21 -0.75	12.75 0.19 -0.85	17.11 0.03 -0.20	17.50 -0.12 0.00	17.35 -0.18 0.00	17.07 -0.49 -0.16	18.00 -0.51 -0.12	18.18 -0.60 -0.14	18.38 -0.58 -0.26	19.29 -0.53 -0.15	19.34 -0.47 -0.35	19.76 -0.32 -0.33	20.71 -0.23 -0.14	21.44 -0.34 -0.80	22.29 -0.10 -1.33	23.98 -0.26 -0.69	21.77 -0.17 -0.75	21.55 -0.11 -0.25	20.76 -0.29 -0.08	19.51 -0.36 -0.11	17.74 0.36 -0.45
NIAGARA__115KV_198_GIBSON 55903	19.69 -0.28 -0.11	14.91 0.06 -0.71	12.66 0.13 -0.94	12.54 0.17 -0.76	12.74 0.16 -0.86	17.03 -0.05 -0.21	17.31 -0.32 0.00	17.10 -0.42 0.00	16.85 -0.71 -0.16	17.74 -0.77 -0.12	17.92 -0.86 -0.14	18.12 -0.84 -0.26	19.14 -0.69 -0.16	19.09 -0.72 -0.35	19.51 -0.57 -0.33	20.47 -0.48 -0.14	21.18 -0.61 -0.81	22.05 -0.36 -1.34	23.65 -0.59 -0.70	21.51 -0.45 -0.76	21.27 -0.39 -0.25	20.49 -0.57 -0.08	19.26 -0.61 -0.11	17.61 0.22 -0.46
NIAGARA____ 23760	19.89 -0.08 -0.11	15.00 0.14 -0.71	12.68 0.15 -0.95	12.58 0.21 -0.76	12.76 0.19 -0.86	17.11 0.03 -0.21	17.50 -0.12 0.00	17.35 -0.18 0.00	17.08 -0.49 -0.16	18.00 -0.51 -0.12	18.18 -0.60 -0.14	18.38 -0.58 -0.26	19.29 -0.53 -0.16	19.35 -0.47 -0.35	19.76 -0.32 -0.33	20.72 -0.23 -0.14	21.45 -0.34 -0.81	22.30 -0.10 -1.34	23.98 -0.26 -0.70	21.78 -0.17 -0.76	21.55 -0.11 -0.25	20.76 -0.29 -0.08	19.51 -0.36 -0.11	17.75 0.36 -0.46
NINE_MILE_1 23575	19.56 -0.34 -0.05	14.24 -0.20 -0.29	11.81 -0.16 -0.39	11.75 -0.17 -0.31	11.90 -0.16 -0.35	16.77 -0.22 -0.12	17.39 -0.23 0.00	17.29 -0.23 0.00	17.21 -0.28 -0.09	18.17 -0.30 -0.07	18.43 -0.28 -0.08	18.55 -0.30 -0.15	19.42 -0.33 -0.09	19.27 -0.39 -0.20	19.58 -0.35 -0.19	20.53 -0.35 -0.08	21.06 -0.38 -0.46	21.55 -0.27 -0.76	23.66 -0.28 -0.40	21.35 -0.28 -0.43	21.27 -0.28 -0.14	20.65 -0.38 -0.05	19.43 -0.39 -0.06	17.09 -0.10 -0.26
NINE_MILE_2 23744	19.56 -0.34 -0.05	14.24 -0.20 -0.29	11.81 -0.16 -0.39	11.75 -0.17 -0.31	11.90 -0.16 -0.35	16.77 -0.22 -0.12	17.39 -0.23 0.00	17.29 -0.23 0.00	17.21 -0.28 -0.09	18.17 -0.30 -0.07	18.43 -0.28 -0.08	18.55 -0.30 -0.15	19.42 -0.33 -0.09	19.27 -0.39 -0.20	19.58 -0.35 -0.19	20.53 -0.35 -0.08	21.06 -0.38 -0.46	21.55 -0.27 -0.76	23.66 -0.28 -0.40	21.35 -0.28 -0.43	21.27 -0.28 -0.14	20.65 -0.38 -0.05	19.44 -0.38 -0.06	17.09 -0.10 -0.26
NM_CAPITAL____DRP 24208	21.52 0.64 -1.03	20.95 0.45 -6.35	20.39 0.36 -8.44	18.81 0.37 -6.83	19.76 0.37 -7.68	18.82 0.59 -1.36	18.28 0.65 0.00	18.13 0.61 0.00	19.10 0.63 -1.08	19.86 0.66 -0.80	20.19 0.63 -0.92	21.04 0.64 -1.70	21.44 0.75 -1.02	22.54 0.76 -2.32	22.73 0.79 -2.19	22.58 0.83 -0.95	27.11 0.82 -5.32	30.74 0.86 -8.82	29.11 0.97 -4.60	27.05 0.87 -4.99	23.97 0.90 -1.66	22.33 0.82 -0.53	21.24 0.75 -0.73	20.55 0.61 -3.01
NM_CENTRAL____DRP 24181	20.00 0.08 -0.07	14.68 0.11 -0.42	12.23 0.08 -0.56	12.14 0.08 -0.45	12.32 0.09 -0.51	17.15 0.13 -0.15	17.80 0.18 0.00	17.70 0.18 0.00	17.62 0.10 -0.12	18.59 0.11 -0.09	18.86 0.13 -0.10	19.00 0.11 -0.18	19.92 0.14 -0.11	19.79 0.08 -0.25	20.10 0.12 -0.24	21.07 0.17 -0.10	21.72 0.17 -0.58	22.32 0.29 -0.96	24.37 0.33 -0.50	21.99 0.25 -0.54	21.87 0.28 -0.18	21.16 0.13 -0.06	19.88 0.04 -0.08	17.56 0.30 -0.33
NM_FRONTIER____DRP 24179	19.69 -0.28 -0.11	14.91 0.06 -0.71	12.66 0.13 -0.94	12.54 0.17 -0.76	12.74 0.16 -0.86	17.03 -0.05 -0.21	17.31 -0.32 0.00	17.10 -0.42 0.00	16.85 -0.71 -0.16	17.74 -0.77 -0.12	17.92 -0.86 -0.14	18.12 -0.84 -0.26	19.14 -0.69 -0.16	19.09 -0.72 -0.35	19.51 -0.57 -0.33	20.47 -0.48 -0.14	21.18 -0.61 -0.81	22.05 -0.36 -1.34	23.65 -0.59 -0.70	21.51 -0.45 -0.76	21.27 -0.39 -0.25	20.49 -0.57 -0.08	19.26 -0.61 -0.11	17.61 0.22 -0.46
NM_ST_REGIS____HYD 24053	18.52 -1.33 0.00	13.14 -1.00 0.00	10.75 -0.83 0.00	10.74 -0.87 0.00	10.84 -0.88 0.00	15.86 -1.05 -0.04	16.50 -1.13 0.00	16.38 -1.14 0.00	16.40 -1.03 -0.03	17.31 -1.10 -0.02	17.49 -1.17 -0.03	17.59 -1.16 -0.05	18.30 -1.40 -0.03	18.28 -1.25 -0.07	18.41 -1.40 -0.06	19.27 -1.56 -0.03	19.60 -1.53 -0.15	19.74 -1.58 -0.25	22.05 -1.62 -0.13	19.92 -1.42 -0.14	20.00 -1.46 -0.05	19.57 -1.43 -0.02	18.51 -1.26 -0.02	15.75 -1.27 -0.09
NORTHPORT____1 23551	26.62 1.63 -5.14	22.13 1.22 -6.76	19.24 1.08 -6.57	17.94 1.03 -5.30	18.60 0.93 -5.96	19.11 1.18 -1.06	19.05 1.43 0.00	18.99 1.47 0.00	19.86 1.62 -0.84	21.15 1.73 -1.02	24.14 1.71 -3.79	24.78 1.70 -4.38	25.60 1.83 -4.10	25.94 1.85 -4.63	26.38 1.86 -4.78	26.38 1.98 -3.60	28.63 1.91 -5.74	30.05 2.04 -6.95	30.17 2.24 -4.39	28.93 2.08 -5.66	26.38 2.08 -2.90	25.94 2.01 -2.95	24.40 2.04 -2.61	22.89 1.69 -4.26
NORTHPORT____2 23552	26.62 1.63 -5.14	22.13 1.22 -6.76	19.24 1.08 -6.57	17.94 1.03 -5.30	18.60 0.93 -5.96	19.11 1.18 -1.06	19.05 1.43 0.00	18.99 1.47 0.00	19.86 1.62 -0.84	21.15 1.73 -1.02	24.14 1.71 -3.79	24.78 1.70 -4.38	25.60 1.83 -4.10	25.94 1.85 -4.63	26.38 1.86 -4.78	26.38 1.98 -3.60	28.63 1.91 -5.74	30.05 2.04 -6.95	30.17 2.24 -4.39	28.93 2.08 -5.66	26.38 2.08 -2.90	25.94 2.01 -2.95	24.40 2.04 -2.61	22.89 1.69 -4.26
NORTHPORT____3 23553	26.77 1.77 -5.15	22.23 1.32 -6.76	19.30 1.14 -6.57	18.01 1.10 -5.30	18.68 1.01 -5.96	19.21 1.28 -1.06	19.18 1.55 0.00	19.12 1.59 0.00	19.96 1.72 -0.84	21.27 1.86 -1.02	24.28 1.85 -3.80	24.96 1.87 -4.39	25.80 2.03 -4.11	26.14 2.04 -4.64	26.59 2.05 -4.79	26.61 2.20 -3.61	29.02 2.29 -5.75	30.34 2.34 -6.94	30.44 2.52 -4.38	29.17 2.31 -5.67	26.58 2.27 -2.91	26.14 2.20 -2.96	24.50 2.13 -2.61	23.00 1.79 -4.27
NORTHPORT____4 23650	26.77 1.77 -5.15	22.23 1.32 -6.76	19.30 1.14 -6.57	18.01 1.10 -5.30	18.68 1.01 -5.96	19.21 1.28 -1.06	19.18 1.55 0.00	19.12 1.59 0.00	19.96 1.72 -0.84	21.27 1.86 -1.02	24.28 1.85 -3.80	24.96 1.87 -4.39	25.80 2.03 -4.11	26.14 2.04 -4.64	26.59 2.05 -4.79	26.61 2.20 -3.61	29.02 2.29 -5.75	30.34 2.34 -6.94	30.44 2.52 -4.38	29.17 2.31 -5.67	26.58 2.27 -2.91	26.14 2.20 -2.96	24.50 2.13 -2.61	23.00 1.79 -4.27
NORTHPORT____IC 23718	26.62 1.63 -5.14	22.13 1.22 -6.76	19.24 1.08 -6.57	17.94 1.03 -5.30	18.60 0.93 -5.96	19.11 1.18 -1.06	19.05 1.43 0.00	18.99 1.47 0.00	19.86 1.62 -0.84	21.15 1.73 -1.02	24.14 1.71 -3.79	24.78 1.70 -4.38	25.60 1.83 -4.10	25.94 1.85 -4.63	26.38 1.86 -4.78	26.38 1.98 -3.60	28.63 1.91 -5.74	30.05 2.04 -6.95	30.17 2.24 -4.39	28.93 2.08 -5.66	26.38 2.08 -2.90	25.94 2.01 -2.95	24.40 2.04 -2.61	22.89 1.69 -4.26

NORTH__COUNTRY_ESR 323785	18.76 -1.09 0.00	13.35 -0.79 0.00	10.90 -0.68 0.00	10.96 -0.65 0.00	10.98 -0.74 0.00	15.99 -0.91 -0.03	16.58 -1.04 0.00	16.49 -1.03 0.00	16.50 -0.92 -0.02	17.42 -0.99 -0.01	17.59 -1.06 -0.02	17.65 -1.09 -0.03	18.45 -1.24 -0.02	18.34 -1.17 -0.04	18.48 -1.30 -0.04	19.38 -1.43 -0.02	19.76 -1.32 -0.10	19.88 -1.35 -0.16	22.29 -1.34 -0.09	20.12 -1.17 -0.09	20.20 -1.24 -0.03	19.77 -1.22 -0.01	18.66 -1.11 -0.01	15.85 -1.13 -0.06
NPX_GEN_1385_PROXY 323591	26.27 1.27 -5.14	22.00 1.09 -6.76	19.16 1.00 -6.57	17.76 0.85 -5.30	18.53 0.85 -5.96	18.81 0.88 -1.06	18.95 1.32 0.00	18.89 1.37 0.00	19.75 1.51 -0.84	21.00 1.58 -1.02	23.82 1.40 -3.79	23.88 1.16 -4.02	25.00 1.26 -4.07	25.51 1.42 -4.63	25.93 1.40 -4.78	25.84 1.43 -3.60	28.00 1.28 -5.74	29.59 1.58 -6.95	29.93 2.00 -4.39	28.65 1.80 -5.66	26.10 1.80 -2.90	25.67 1.74 -2.95	23.98 1.62 -2.61	22.65 1.46 -4.26
NPX_GEN_CSC 323557	27.24 2.24 -5.14	22.54 1.63 -6.76	19.57 1.41 -6.57	18.31 1.40 -5.30	18.92 1.24 -5.96	19.57 1.64 -1.06	19.55 1.92 0.00	19.45 1.93 0.00	20.31 2.07 -0.84	21.64 2.22 -1.02	24.66 2.24 -3.79	25.39 2.30 -4.38	28.14 2.52 -5.95	34.81 2.53 -12.82	35.88 2.57 -13.56	37.74 2.77 -14.17	45.54 2.79 -21.78	40.49 2.95 -16.48	47.94 3.23 -21.17	37.86 2.90 -13.77	37.75 2.89 -13.46	34.85 2.79 -11.09	33.02 2.71 -10.56	23.45 2.25 -4.26
NSINS_S_GLNS_FALLS 23858	22.62 1.71 -1.06	21.90 1.17 -6.58	21.24 0.92 -8.74	19.59 0.92 -7.07	20.60 0.94 -7.94	19.68 1.40 -1.40	19.14 1.52 0.00	19.06 1.54 0.00	20.05 1.53 -1.11	20.83 1.60 -0.83	21.19 1.60 -0.95	21.89 1.42 -1.76	22.28 1.55 -1.06	23.38 1.52 -2.40	23.71 1.70 -2.27	23.63 1.85 -0.98	28.33 1.85 -5.50	32.10 1.92 -9.12	30.56 2.26 -4.76	28.45 2.10 -5.16	25.29 2.16 -1.72	23.46 1.93 -0.55	22.23 1.72 -0.76	21.50 1.46 -3.11
NUCOR_STEEL__DRP 24197	20.36 0.42 -0.09	15.06 0.34 -0.57	12.61 0.27 -0.76	12.51 0.29 -0.61	12.71 0.30 -0.69	17.47 0.42 -0.18	18.13 0.51 0.00	18.05 0.53 0.00	17.94 0.40 -0.14	18.92 0.42 -0.10	19.20 0.45 -0.12	19.37 0.45 -0.22	20.27 0.47 -0.13	20.17 0.41 -0.30	20.49 0.45 -0.29	21.44 0.52 -0.12	22.20 0.52 -0.69	22.91 0.70 -1.15	24.94 0.80 -0.60	22.52 0.68 -0.65	22.33 0.71 -0.22	21.55 0.50 -0.07	20.23 0.38 -0.10	17.95 0.63 -0.39
NUMBER_THREE_WT_PWR 323818	19.62 -0.26 -0.03	14.02 -0.30 -0.18	11.66 -0.16 -0.23	11.49 -0.30 -0.19	11.63 -0.29 -0.21	16.64 -0.32 -0.09	17.27 -0.35 0.00	17.08 -0.44 0.00	17.14 -0.33 -0.07	18.04 -0.40 -0.05	18.14 -0.56 -0.06	18.22 -0.60 -0.12	19.09 -0.65 -0.07	19.00 -0.62 -0.16	19.26 -0.63 -0.15	20.37 -0.50 -0.06	20.88 -0.46 -0.36	21.41 -0.25 -0.60	23.71 -0.14 -0.31	21.26 -0.28 -0.34	21.39 -0.13 -0.11	20.57 -0.44 -0.04	19.29 -0.51 -0.05	16.95 -0.19 -0.20
NYISO_LBMP_REFERENCE 24008	19.85 0.00 0.00	14.15 0.00 0.00	11.59 0.00 0.00	11.61 0.00 0.00	11.71 0.00 0.00	16.87 0.00 0.00	17.62 0.00 0.00	17.52 0.00 0.00	17.40 0.00 0.00	18.39 0.00 0.00	18.63 0.00 0.00	18.70 0.00 0.00	19.67 0.00 0.00	19.46 0.00 0.00	19.75 0.00 0.00	20.80 0.00 0.00	20.98 0.00 0.00	21.06 0.00 0.00	23.54 0.00 0.00	21.19 0.00 0.00	21.41 0.00 0.00	20.98 0.00 0.00	19.76 0.00 0.00	16.93 0.00 0.00
NYPA_BRENTWD__GT 24164	26.98 1.99 -5.14	22.38 1.47 -6.76	19.42 1.26 -6.57	18.14 1.23 -5.30	18.79 1.11 -5.96	19.37 1.43 -1.06	19.33 1.71 0.00	19.26 1.74 0.00	20.12 1.88 -0.84	21.44 2.02 -1.02	24.46 2.03 -3.79	25.14 2.06 -4.38	26.38 2.24 -4.47	27.95 2.24 -6.25	28.53 2.27 -6.52	28.95 2.45 -5.70	32.33 2.43 -8.92	32.78 2.57 -9.14	34.08 2.82 -7.71	31.02 2.56 -7.26	28.94 2.55 -4.99	28.01 2.47 -4.56	26.37 2.43 -4.18	23.21 2.01 -4.26
NYPA_GOWANUS__GT5 24156	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
NYPA_GOWANUS__GT6 24157	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.48 1.24 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.20 1.73 -0.80	23.06 1.79 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.04 1.95 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.14 1.82 -0.57	20.77 1.49 -2.35
NYPA_HARLEM_RVR_GT1 24160	22.09 1.43 -0.81	20.13 1.05 -4.94	19.08 0.93 -6.56	17.85 0.93 -5.31	18.57 0.89 -5.97	19.05 1.11 -1.06	18.80 1.18 0.00	18.73 1.21 0.00	19.43 1.20 -0.83	20.40 1.38 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.22 1.75 -0.80	23.09 1.81 -1.81	23.18 1.72 -1.71	23.41 1.87 -0.74	27.19 2.06 -4.16	29.96 2.00 -6.89	29.47 2.33 -3.60	27.02 1.93 -3.90	24.55 1.84 -1.30	23.24 1.85 -0.42	22.21 1.88 -0.58	20.83 1.54 -2.36
NYPA_HARLEM_RVR_GT2 24161	22.09 1.43 -0.81	20.13 1.05 -4.94	19.08 0.93 -6.56	17.85 0.93 -5.31	18.57 0.89 -5.97	19.05 1.11 -1.06	18.80 1.18 0.00	18.73 1.21 0.00	19.43 1.20 -0.83	20.40 1.38 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.22 1.75 -0.80	23.09 1.81 -1.81	23.18 1.72 -1.71	23.41 1.87 -0.74	27.19 2.06 -4.16	29.96 2.00 -6.89	29.47 2.33 -3.60	27.02 1.93 -3.90	24.55 1.84 -1.30	23.24 1.85 -0.42	22.21 1.88 -0.58	20.83 1.54 -2.36
NYPA_KENT__GT 24152	22.00 1.35 -0.80	20.07 0.99 -4.93	19.03 0.89 -6.55	17.78 0.87 -5.30	18.49 0.82 -5.96	19.01 1.08 -1.06	18.77 1.14 0.00	18.73 1.21 0.00	19.50 1.25 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.55 1.51 -1.33	22.20 1.73 -0.80	23.05 1.77 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.13 1.99 -4.16	29.98 2.02 -6.89	63.44 2.28 -37.62	27.02 1.93 -3.90	24.52 1.82 -1.30	23.18 1.78 -0.42	22.13 1.80 -0.57	20.75 1.47 -2.35
NYPA_POUCH1__GT 24155	22.02 1.37 -0.80	20.07 0.99 -4.93	19.03 0.89 -6.55	17.78 0.87 -5.30	18.49 0.82 -5.96	18.98 1.05 -1.06	18.70 1.08 0.00	18.65 1.12 0.00	19.43 1.18 -0.84	20.35 1.33 -0.63	20.77 1.42 -0.72	21.50 1.46 -1.33	22.14 1.67 -0.80	23.01 1.73 -1.82	23.10 1.64 -1.72	23.33 1.79 -0.74	27.11 1.97 -4.16	29.96 2.00 -6.89	95.50 2.26 -69.70	27.00 1.91 -3.90	24.48 1.78 -1.30	23.12 1.72 -0.42	22.13 1.80 -0.57	20.75 1.47 -2.35
NYPA_VERNON__GT2 24162	21.98 1.33 -0.80	20.06 0.98 -4.93	19.01 0.87 -6.55	17.77 0.86 -5.30	18.49 0.82 -5.96	19.01 1.08 -1.06	18.79 1.16 0.00	18.75 1.23 0.00	19.51 1.27 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.55 1.51 -1.33	22.18 1.71 -0.80	23.03 1.75 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.10 1.97 -4.16	29.96 2.00 -6.89	38.02 2.26 -12.22	27.00 1.91 -3.90	24.52 1.82 -1.30	23.18 1.78 -0.42	22.09 1.76 -0.57	20.72 1.44 -2.35

NYPA_VERNON____GT3 24163	21.98	20.06	19.01	17.77	18.49	19.01	18.79	18.75	19.51	20.42	20.82	21.55	22.18	23.03	23.16	23.39	27.10	29.96	38.02	27.00	24.52	23.18	22.09	20.72
	1.33	0.98	0.87	0.86	0.82	1.08	1.16	1.23	1.27	1.40	1.47	1.51	1.71	1.75	1.70	1.85	1.97	2.00	2.26	1.91	1.82	1.78	1.76	1.44
	-0.80	-4.93	-6.55	-5.30	-5.96	-1.06	0.00	0.00	-0.84	-0.63	-0.72	-1.33	-0.80	-1.81	-1.71	-0.74	-4.16	-6.89	-12.22	-3.90	-1.30	-0.42	-0.57	-2.35
NYPA____ASTORIA_CC1 323568	21.96	20.04	19.00	17.76	18.48	19.00	18.77	18.73	19.48	20.40	20.81	21.53	22.16	23.01	23.12	23.35	27.08	29.91	29.35	26.96	24.48	23.16	22.09	20.70
	1.31	0.96	0.86	0.85	0.81	1.06	1.14	1.21	1.24	1.38	1.45	1.50	1.69	1.73	1.66	1.81	1.95	1.96	2.21	1.87	1.78	1.76	1.76	1.42
	-0.80	-4.93	-6.55	-5.30	-5.96	-1.06	0.00	0.00	-0.84	-0.63	-0.72	-1.33	-0.80	-1.81	-1.71	-0.74	-4.16	-6.89	-3.60	-3.90	-1.30	-0.42	-0.57	-2.35
NYPA____ASTORIA_CC2 323569	21.96	20.04	19.00	17.76	18.48	19.00	18.77	18.73	19.48	20.40	20.81	21.53	22.16	23.01	23.12	23.35	27.08	29.91	29.35	26.96	24.48	23.16	22.09	20.70
	1.31	0.96	0.86	0.85	0.81	1.06	1.14	1.21	1.24	1.38	1.45	1.50	1.69	1.73	1.66	1.81	1.95	1.96	2.21	1.87	1.78	1.76	1.76	1.42
	-0.80	-4.93	-6.55	-5.30	-5.96	-1.06	0.00	0.00	-0.84	-0.63	-0.72	-1.33	-0.80	-1.81	-1.71	-0.74	-4.16	-6.89	-3.60	-3.90	-1.30	-0.42	-0.57	-2.35
NYPA____HOLTSVILL 23794	26.96	22.35	19.42	18.14	18.78	19.35	19.32	19.24	20.10	21.41	24.42	25.12	27.81	34.38	35.41	37.20	44.89	40.08	47.18	37.34	37.18	34.36	32.59	23.19
	1.97	1.44	1.26	1.23	1.10	1.42	1.69	1.72	1.86	1.99	1.99	2.04	2.22	2.24	2.25	2.41	2.41	2.53	2.75	2.52	2.50	2.43	2.41	2.00
	-5.14	-6.76	-6.57	-5.30	-5.96	-1.06	0.00	0.00	-0.84	-1.02	-3.79	-4.38	-5.92	-12.68	-13.41	-13.99	-21.50	-16.49	-20.88	-13.63	-13.27	-10.95	-10.42	-4.26
NYPA____HELLGATE_GT1 24158	22.09	20.13	19.08	17.85	18.57	19.05	18.80	18.73	19.43	20.40	20.82	21.57	22.22	23.09	23.18	23.41	27.19	29.96	29.47	27.02	24.55	23.24	22.21	20.83
	1.43	1.05	0.93	0.93	0.89	1.11	1.18	1.21	1.20	1.38	1.47	1.53	1.75	1.81	1.72	1.87	2.06	2.00	2.33	1.93	1.84	1.85	1.88	1.54
	-0.81	-4.94	-6.56	-5.31	-5.97	-1.06	0.00	0.00	-0.83	-0.63	-0.72	-1.33	-0.80	-1.81	-1.71	-0.74	-4.16	-6.89	-3.60	-3.90	-1.30	-0.42	-0.58	-2.36
NYPA____HELLGATE_GT2 24159	22.09	20.13	19.08	17.85	18.57	19.05	18.80	18.73	19.43	20.40	20.82	21.57	22.22	23.09	23.18	23.41	27.19	29.96	29.47	27.02	24.55	23.24	22.21	20.83
	1.43	1.05	0.93	0.93	0.89	1.11	1.18	1.21	1.20	1.38	1.47	1.53	1.75	1.81	1.72	1.87	2.06	2.00	2.33	1.93	1.84	1.85	1.88	1.54
	-0.81	-4.94	-6.56	-5.31	-5.97	-1.06	0.00	0.00	-0.83	-0.63	-0.72	-1.33	-0.80	-1.81	-1.71	-0.74	-4.16	-6.89	-3.60	-3.90	-1.30	-0.42	-0.58	-2.36
NYS_BARGE____HYD 23848	19.99	15.05	12.72	12.62	12.81	17.19	17.61	17.47	17.16	18.05	18.25	18.45	19.39	19.44	19.86	20.84	21.56	22.42	24.13	21.94	21.74	20.91	19.63	17.84
	0.02	0.21	0.21	0.27	0.26	0.12	-0.02	-0.05	-0.40	-0.46	-0.52	-0.50	-0.43	-0.37	-0.22	-0.10	-0.21	0.04	-0.09	0.00	0.09	-0.15	-0.24	0.46
	-0.11	-0.69	-0.92	-0.75	-0.84	-0.20	0.00	0.00	-0.16	-0.12	-0.14	-0.25	-0.15	-0.35	-0.33	-0.14	-0.79	-1.32	-0.69	-0.75	-0.25	-0.08	-0.11	-0.45
OAK ORCHARD____HYD 24046	20.28	15.09	12.63	12.54	12.71	17.40	17.76	17.66	17.59	18.55	18.81	18.98	19.92	19.92	20.27	21.24	21.93	22.67	24.62	22.27	22.12	21.32	19.99	17.95
	0.34	0.37	0.28	0.31	0.30	0.35	0.14	0.14	0.05	0.06	0.06	0.06	0.12	0.15	0.24	0.31	0.25	0.44	0.47	0.42	0.49	0.27	0.14	0.63
	-0.09	-0.57	-0.76	-0.62	-0.69	-0.18	0.00	0.00	-0.14	-0.11	-0.12	-0.22	-0.13	-0.31	-0.29	-0.12	-0.70	-1.16	-0.61	-0.66	-0.22	-0.07	-0.10	-0.40
OAKDALE____35_KV_LOAD 356122	20.35	15.86	13.73	13.40	13.70	17.51	18.03	17.92	17.87	18.82	19.08	19.35	20.21	20.30	20.65	21.46	22.76	23.91	25.31	23.00	22.38	21.49	20.20	18.19
	0.26	0.27	0.23	0.24	0.25	0.29	0.41	0.40	0.19	0.22	0.20	0.21	0.28	0.23	0.34	0.42	0.40	0.55	0.56	0.51	0.54	0.38	0.26	0.47
	-0.23	-1.44	-1.91	-1.55	-1.74	-0.35	0.00	0.00	-0.28	-0.21	-0.24	-0.44	-0.27	-0.61	-0.57	-0.25	-1.39	-2.30	-1.20	-1.30	-0.43	-0.14	-0.19	-0.78
OCC_CHEM____DRP 24175	19.75	14.94	12.67	12.57	12.76	17.06	17.34	17.15	16.90	17.80	17.97	18.18	19.19	19.15	19.57	20.51	21.22	22.09	23.72	21.55	21.34	20.55	19.30	17.66
	-0.22	0.08	0.14	0.20	0.19	-0.02	-0.28	-0.37	-0.66	-0.72	-0.80	-0.79	-0.63	-0.66	-0.51	-0.44	-0.57	-0.32	-0.52	-0.40	-0.32	-0.50	-0.57	0.27
	-0.11	-0.71	-0.94	-0.76	-0.86	-0.21	0.00	0.00	-0.16	-0.12	-0.14	-0.26	-0.16	-0.35	-0.33	-0.14	-0.81	-1.34	-0.70	-0.76	-0.25	-0.08	-0.11	-0.46
OH_GEN_PROXY 24063	19.89	14.99	12.67	12.56	12.75	17.11	17.50	17.35	17.09	18.02	18.20	18.40	19.31	19.37	19.78	20.74	21.47	22.33	24.00	21.80	21.57	20.78	19.53	17.74
	-0.08	0.14	0.15	0.20	0.19	0.03	-0.12	-0.18	-0.47	-0.50	-0.58	-0.56	-0.51	-0.45	-0.30	-0.21	-0.31	-0.06	-0.24	-0.15	-0.09	-0.27	-0.34	0.36
	-0.11	-0.70	-0.93	-0.76	-0.85	-0.20	0.00	0.00	-0.16	-0.12	-0.14	-0.26	-0.15	-0.35	-0.33	-0.14	-0.80	-1.33	-0.70	-0.75	-0.25	-0.08	-0.11	-0.45
OLIN_CORP_DRP 24177	19.73	14.89	12.60	12.49	12.69	17.01	17.38	17.22	16.94	17.84	18.01	18.21	19.24	19.19	19.61	20.57	21.29	22.16	23.80	21.64	21.40	20.62	19.36	17.63
	-0.24	0.03	0.06	0.12	0.11	-0.07	-0.25	-0.30	-0.63	-0.68	-0.76	-0.75	-0.59	-0.62	-0.47	-0.37	-0.50	-0.25	-0.45	-0.32	-0.26	-0.44	-0.51	0.24
	-0.12	-0.72	-0.95	-0.77	-0.87	-0.21	0.00	0.00	-0.16	-0.12	-0.14	-0.26	-0.16	-0.36	-0.34	-0.15	-0.81	-1.35	-0.71	-0.76	-0.25	-0.08	-0.11	-0.46
OLIN_CORP_DSASP 323712	19.75	14.94	12.68	12.57	12.76	17.04	17.34	17.15	16.90	17.80	17.97	18.18	19.10	19.13	19.57	20.51	21.22	22.09	23.72	21.57	21.34	20.55	19.31	17.66
	-0.22	0.09	0.15	0.20	0.19	-0.03	-0.28	-0.37	-0.66	-0.72	-0.80	-0.78	-0.73	-0.68	-0.51	-0.44	-0.57	-0.32	-0.52	-0.38	-0.32	-0.50	-0.55	0.27
	-0.11	-0.71	-0.94	-0.76	-0.86	-0.21	0.00	0.00	-0.16	-0.12	-0.14	-0.26	-0.16	-0.35	-0.33	-0.14	-0.81	-1.34	-0.70	-0.76	-0.25	-0.08	-0.11	-0.46
ONEIDA_HERK_LFGE 323681	20.02	14.37	11.88	11.77	11.94	17.07	17.75	17.59	17.55	18.47	18.68	18.77	19.68	19.57	19.88	20.93	21.44	21.97	24.24	21.85	21.85	21.14	19.83	17.37
	0.14	0.07	0.08	0.00	0.04	0.10	0.12	0.07	0.07	0.02	-0.02	-0.06	-0.06	-0.06	-0.02	0.06	0.08	0.27	0.38	0.30	0.32	0.13	0.02	0.22
	-0.03	-0.15	-0.21	-0.17	-0.19	-0.10	0.00	0.00	-0.08	-0.06	-0.07	-0.12	-0.07	-0.17	-0.16	-0.07	-0.38	-0.63	-0.33	-0.36	-0.12	-0.04	-0.05	-0.21
ONEIDA____115KV_TB4 55905	20.36	14.78	12.25	12.14	12.33	17.43	18.10	17.94	17.83	18.78	19.03	19.15	20.12	19.98	20.32	21.32	21.90	22.51	24.73	22.32	22.24	21.53	20.16	17.73
	0.46	0.35	0.29	0.23	0.28	0.44	0.48	0.42	0.33	0.31	0.32	0.30	0.35	0.31	0.38	0.44	0.44	0.65	0.78	0.68	0.69	0.50	0.34	0.52
	-0.04	-0.28	-0.37	-0.30	-0.34	-0.12	0.00	0.00	-0.10	-0.07	-0.08	-0.15	-0.09	-0.21	-0.20	-0.09	-0.48	-0.80	-0.42	-0.45	-0.15	-0.05	-0.07	-0.27

ONONDAGA_REF_OCCRA 23987	20.08 0.14 -0.08	14.80 0.14 -0.51	12.39 0.12 -0.68	12.28 0.12 -0.55	12.45 0.12 -0.62	17.21 0.17 -0.17	17.85 0.23 0.00	17.75 0.23 0.00	17.67 0.14 -0.13	18.66 0.17 -0.10	18.93 0.19 -0.11	19.08 0.17 -0.21	19.99 0.20 -0.13	19.88 0.14 -0.28	20.19 0.18 -0.27	21.14 0.23 -0.12	21.86 0.23 -0.65	22.50 0.36 -1.08	24.53 0.42 -0.56	22.14 0.34 -0.61	21.97 0.36 -0.20	21.23 0.19 -0.07	19.95 0.10 -0.09	17.64 0.34 -0.37
ONONDAGA___COGEN 23986	20.11 0.18 -0.08	14.81 0.18 -0.48	12.37 0.14 -0.64	12.26 0.14 -0.52	12.46 0.16 -0.58	17.27 0.24 -0.16	17.91 0.28 0.00	17.82 0.30 0.00	17.73 0.21 -0.13	18.73 0.24 -0.09	19.00 0.26 -0.11	19.14 0.24 -0.20	20.06 0.28 -0.12	19.93 0.19 -0.27	20.24 0.24 -0.26	21.20 0.29 -0.11	21.89 0.29 -0.62	22.52 0.42 -1.03	24.57 0.49 -0.54	22.16 0.38 -0.58	22.01 0.41 -0.19	21.27 0.23 -0.06	19.98 0.14 -0.09	17.69 0.41 -0.35
ONTARIO___LFGE 23819	20.34 0.38 -0.11	15.20 0.38 -0.67	12.78 0.30 -0.89	12.63 0.30 -0.72	12.85 0.33 -0.81	17.42 0.35 -0.20	18.12 0.49 0.00	18.03 0.51 0.00	17.82 0.26 -0.16	18.79 0.28 -0.12	19.03 0.26 -0.13	19.19 0.24 -0.25	20.09 0.28 -0.15	20.09 0.29 -0.34	20.46 0.39 -0.32	21.42 0.48 -0.14	22.26 0.50 -0.78	23.09 0.74 -1.29	25.06 0.85 -0.67	22.66 0.74 -0.73	22.44 0.79 -0.24	21.58 0.52 -0.08	20.20 0.34 -0.11	18.05 0.68 -0.44
ORANGEVILLE_WT_PWR 323706	19.95 -0.04 -0.14	15.15 0.16 -0.85	12.87 0.15 -1.13	12.74 0.22 -0.91	12.95 0.21 -1.03	17.19 0.08 -0.23	17.76 0.14 0.00	17.63 0.11 0.00	17.24 -0.35 -0.19	18.15 -0.39 -0.14	18.29 -0.50 -0.16	18.49 -0.50 -0.29	19.41 -0.43 -0.18	19.47 -0.39 -0.40	19.93 -0.20 -0.38	20.88 -0.08 -0.16	21.75 -0.15 -0.92	22.74 0.15 -1.52	24.41 0.07 -0.80	22.18 0.13 -0.86	21.91 0.21 -0.29	21.03 -0.04 -0.09	19.72 -0.16 -0.13	17.88 0.42 -0.52
ORANGEVILLE___ESR 323794	19.95 -0.04 -0.14	15.15 0.16 -0.85	12.87 0.15 -1.13	12.74 0.22 -0.91	12.95 0.21 -1.03	17.19 0.08 -0.23	17.76 0.14 0.00	17.63 0.11 0.00	17.24 -0.35 -0.19	18.15 -0.39 -0.14	18.29 -0.50 -0.16	18.49 -0.50 -0.29	19.41 -0.43 -0.18	19.47 -0.39 -0.40	19.93 -0.20 -0.38	20.88 -0.08 -0.16	21.75 -0.15 -0.92	22.74 0.15 -1.52	24.41 0.07 -0.80	22.18 0.13 -0.86	21.91 0.21 -0.29	21.03 -0.04 -0.09	19.72 -0.16 -0.13	17.88 0.42 -0.52
OSWEGATCHIE___HYD 24044	18.84 -1.03 -0.02	13.47 -0.81 -0.13	11.12 -0.64 -0.17	11.04 -0.71 -0.14	11.15 -0.71 -0.16	16.09 -0.84 -0.07	16.71 -0.92 0.00	16.54 -0.98 0.00	16.57 -0.89 -0.05	17.46 -0.98 -0.04	17.60 -1.08 -0.04	17.70 -1.09 -0.08	18.54 -1.18 -0.05	18.43 -1.15 -0.11	18.61 -1.24 -0.11	19.56 -1.29 -0.05	19.98 -1.26 -0.26	20.34 -1.16 -0.43	22.61 -1.15 -0.23	20.38 -1.06 -0.24	20.44 -1.05 -0.08	19.85 -1.15 -0.03	18.67 -1.13 -0.04	16.16 -0.91 -0.15
OSWEGO___5 23606	19.75 -0.16 -0.06	14.44 -0.07 -0.36	12.00 -0.07 -0.48	11.93 -0.07 -0.39	12.09 -0.06 -0.44	16.93 -0.07 -0.13	17.55 -0.07 0.00	17.45 -0.07 0.00	17.36 -0.14 -0.10	18.34 -0.13 -0.08	18.59 -0.13 -0.09	18.74 -0.13 -0.16	19.59 -0.18 -0.10	19.47 -0.21 -0.22	19.78 -0.18 -0.21	20.75 -0.14 -0.09	21.32 -0.17 -0.51	21.87 -0.04 -0.85	23.94 -0.05 -0.44	21.61 -0.06 -0.48	21.50 -0.06 -0.16	20.86 -0.17 -0.05	19.63 -0.20 -0.07	17.27 0.05 -0.29
OSWEGO___6 23613	19.75 -0.16 -0.06	14.44 -0.07 -0.36	12.00 -0.07 -0.48	11.93 -0.07 -0.39	12.09 -0.06 -0.44	16.93 -0.07 -0.13	17.55 -0.07 0.00	17.45 -0.07 0.00	17.36 -0.14 -0.10	18.34 -0.13 -0.08	18.59 -0.13 -0.09	18.74 -0.13 -0.16	19.59 -0.18 -0.10	19.47 -0.21 -0.22	19.78 -0.18 -0.21	20.75 -0.14 -0.09	21.32 -0.17 -0.51	21.87 -0.04 -0.85	23.94 -0.05 -0.44	21.61 -0.06 -0.48	21.50 -0.06 -0.16	20.86 -0.17 -0.05	19.63 -0.20 -0.07	17.27 0.05 -0.29
OUTOKUMPU-AB___DRP 24206	20.09 0.12 -0.12	15.18 0.31 -0.72	12.85 0.30 -0.96	12.76 0.37 -0.78	12.95 0.36 -0.88	17.35 0.27 -0.21	17.75 0.12 0.00	17.59 0.07 0.00	17.25 -0.31 -0.17	18.15 -0.37 -0.12	18.33 -0.45 -0.14	18.55 -0.41 -0.26	19.63 -0.20 -0.16	19.57 -0.25 -0.36	19.99 -0.10 -0.34	20.99 0.04 -0.15	21.71 -0.08 -0.82	22.61 0.19 -1.36	24.27 0.02 -0.71	22.07 0.11 -0.77	21.86 0.19 -0.26	21.02 -0.04 -0.08	19.73 -0.14 -0.11	17.95 0.56 -0.46
OXBOW____ 24026	19.97 0.00 -0.12	15.09 0.23 -0.72	12.80 0.25 -0.95	12.69 0.31 -0.77	12.89 0.30 -0.87	17.23 0.15 -0.21	17.59 -0.04 0.00	17.42 -0.10 0.00	17.11 -0.45 -0.16	18.02 -0.50 -0.12	18.20 -0.58 -0.14	18.40 -0.56 -0.26	19.35 -0.47 -0.16	19.41 -0.41 -0.36	19.83 -0.26 -0.34	20.80 -0.14 -0.15	21.54 -0.25 -0.81	22.41 0.00 -1.35	24.06 -0.19 -0.70	21.87 -0.08 -0.76	21.66 0.00 -0.25	20.85 -0.21 -0.08	19.57 -0.30 -0.11	17.85 0.46 -0.46
OXY_CHEM_DSASP 323612	19.75 -0.22 -0.11	14.94 0.08 -0.71	12.67 0.14 -0.94	12.57 0.20 -0.76	12.76 0.19 -0.86	17.06 -0.02 -0.21	17.34 -0.28 0.00	17.15 -0.37 0.00	16.90 -0.66 -0.16	17.80 -0.72 -0.12	17.97 -0.80 -0.14	18.18 -0.79 -0.26	19.19 -0.63 -0.16	19.15 -0.66 -0.35	19.57 -0.51 -0.33	20.51 -0.44 -0.14	21.22 -0.57 -0.81	22.09 -0.32 -1.34	23.72 -0.52 -0.70	21.55 -0.40 -0.76	21.34 -0.32 -0.25	20.55 -0.50 -0.08	19.30 -0.57 -0.11	17.66 0.27 -0.46
OZONE_PARK_ESR 323760	22.06 1.41 -0.80	20.13 1.05 -4.93	19.07 0.93 -6.55	17.81 0.91 -5.30	18.54 0.87 -5.96	19.13 1.20 -1.06	18.91 1.29 0.00	18.91 1.38 0.00	19.67 1.43 -0.84	20.59 1.56 -0.63	20.96 1.60 -0.72	21.70 1.66 -1.33	22.34 1.87 -0.80	23.14 1.87 -1.81	23.32 1.86 -1.71	23.58 2.04 -0.74	27.25 2.12 -4.16	30.14 2.19 -6.89	29.54 2.40 -3.60	27.19 2.10 -3.90	24.72 2.01 -1.30	23.35 1.95 -0.42	22.18 1.86 -0.57	20.81 1.52 -2.35
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.75 -0.22 -0.11	14.94 0.08 -0.71	12.67 0.14 -0.94	12.57 0.20 -0.76	12.76 0.19 -0.86	17.06 -0.02 -0.21	17.34 -0.28 0.00	17.15 -0.37 0.00	16.90 -0.66 -0.16	17.80 -0.72 -0.12	17.97 -0.80 -0.14	18.18 -0.79 -0.26	19.19 -0.63 -0.16	19.15 -0.66 -0.35	19.57 -0.51 -0.33	20.51 -0.44 -0.14	21.22 -0.57 -0.81	22.09 -0.32 -1.34	23.72 -0.52 -0.70	21.55 -0.40 -0.76	21.34 -0.32 -0.25	20.55 -0.50 -0.08	19.30 -0.57 -0.11	17.66 0.27 -0.46
PACKARD___115KV_DUPONT_184 80571	19.75 -0.22 -0.11	14.94 0.08 -0.71	12.67 0.14 -0.94	12.57 0.20 -0.76	12.76 0.19 -0.86	17.06 -0.02 -0.21	17.34 -0.28 0.00	17.15 -0.37 0.00	16.90 -0.66 -0.16	17.80 -0.72 -0.12	17.97 -0.80 -0.14	18.18 -0.79 -0.26	19.19 -0.63 -0.16	19.15 -0.66 -0.35	19.57 -0.51 -0.33	20.51 -0.44 -0.14	21.22 -0.57 -0.81	22.09 -0.32 -1.34	23.72 -0.52 -0.70	21.55 -0.40 -0.76	21.34 -0.32 -0.25	20.55 -0.50 -0.08	19.30 -0.57 -0.11	17.66 0.27 -0.46
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.03 1.37 -0.81	20.11 1.02 -4.94	19.05 0.90 -6.56	17.81 0.89 -5.31	18.54 0.86 -5.97	19.01 1.08 -1.06	18.75 1.13 0.00	18.68 1.16 0.00	19.41 1.17 -0.84	20.36 1.34 -0.63	20.79 1.43 -0.72	21.51 1.48 -1.33	22.18 1.71 -0.80	23.03 1.75 -1.81	23.12 1.66 -1.71	23.35 1.81 -0.74	27.11 1.97 -4.16	29.89 1.94 -6.89	29.37 2.24 -3.60	27.06 1.97 -3.90	24.48 1.78 -1.30	23.18 1.78 -0.42	22.15 1.82 -0.58	20.78 1.49 -2.36

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.19 1.53 -0.81	20.22 1.13 -4.94	19.16 1.01 -6.56	17.87 0.95 -5.31	18.64 0.96 -5.97	19.18 1.25 -1.06	18.93 1.30 0.00	18.84 1.31 0.00	19.55 1.30 -0.84	20.51 1.49 -0.63	20.94 1.58 -0.72	21.68 1.65 -1.33	22.36 1.89 -0.80	23.20 1.93 -1.81	23.30 1.84 -1.71	23.54 2.00 -0.74	27.34 2.20 -4.16	30.12 2.17 -6.89	29.66 2.52 -3.60	27.32 2.23 -3.90	24.72 2.01 -1.30	23.39 1.99 -0.42	22.37 2.03 -0.58	20.98 1.69 -2.36
PATROON__115KV_TB1 80586	21.54 0.66 -1.03	21.01 0.47 -6.40	20.46 0.37 -8.50	18.85 0.37 -6.88	19.83 0.39 -7.73	18.86 0.62 -1.37	18.31 0.69 0.00	18.19 0.67 0.00	19.15 0.66 -1.08	19.90 0.70 -0.81	20.23 0.67 -0.93	21.09 0.67 -1.72	21.49 0.79 -1.03	22.58 0.78 -2.34	22.76 0.81 -2.21	22.63 0.87 -0.95	27.19 0.86 -5.35	30.85 0.91 -8.88	29.19 1.01 -4.64	27.13 0.91 -5.02	24.02 0.94 -1.67	22.37 0.86 -0.54	21.26 0.77 -0.74	20.59 0.63 -3.03
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.70 -0.28 -0.13	14.94 0.00 -0.79	12.67 0.03 -1.05	12.57 0.12 -0.85	12.76 0.09 -0.95	16.96 -0.13 -0.22	17.94 0.32 0.00	17.78 0.26 0.00	17.00 -0.57 -0.18	17.92 -0.61 -0.13	18.10 -0.69 -0.15	18.31 -0.67 -0.28	19.36 -0.47 -0.17	19.34 -0.51 -0.38	19.79 -0.32 -0.36	20.77 -0.19 -0.16	21.55 -0.29 -0.87	22.49 -0.02 -1.44	24.06 -0.24 -0.75	21.88 -0.13 -0.82	21.61 -0.06 -0.27	20.77 -0.29 -0.09	19.46 -0.41 -0.12	17.63 0.20 -0.49
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.85 1.19 -0.81	20.04 0.89 -5.01	18.99 0.75 -6.65	17.74 0.75 -5.38	18.49 0.73 -6.05	18.96 1.01 -1.08	18.73 1.11 0.00	18.71 1.19 0.00	19.47 1.22 -0.85	20.30 1.27 -0.64	20.70 1.34 -0.73	21.40 1.35 -1.35	21.99 1.51 -0.81	22.80 1.50 -1.84	22.97 1.48 -1.74	23.20 1.64 -0.75	26.98 1.78 -4.22	29.93 1.87 -6.99	29.17 1.98 -3.65	26.89 1.74 -3.96	24.44 1.71 -1.32	23.10 1.70 -0.42	21.84 1.50 -0.58	20.55 1.24 -2.38
PEEKSKILL____ 23653	21.71 1.07 -0.79	19.83 0.82 -4.87	18.76 0.71 -6.47	17.55 0.71 -5.23	18.26 0.67 -5.88	18.83 0.91 -1.05	18.63 1.00 0.00	18.61 1.09 0.00	19.35 1.11 -0.83	20.21 1.19 -0.62	20.59 1.25 -0.71	21.29 1.27 -1.31	21.87 1.42 -0.79	22.69 1.44 -1.79	22.88 1.44 -1.69	23.11 1.58 -0.73	26.69 1.62 -4.10	29.55 1.69 -6.80	28.90 1.81 -3.55	26.65 1.61 -3.85	24.27 1.58 -1.28	22.94 1.55 -0.41	21.74 1.42 -0.56	20.40 1.15 -2.32
PGE MADISON__WINDPWR 24146	21.26 1.19 -0.22	16.46 0.96 -1.36	14.14 0.75 -1.80	13.78 0.72 -1.46	14.11 0.76 -1.64	18.25 1.05 -0.34	18.84 1.22 0.00	18.59 1.07 0.00	18.48 0.82 -0.27	19.31 0.72 -0.20	19.55 0.69 -0.23	19.74 0.62 -0.42	20.61 0.69 -0.25	20.74 0.70 -0.57	21.10 0.81 -0.54	21.95 0.91 -0.23	23.32 1.03 -1.32	24.68 1.43 -2.18	26.54 1.86 -1.14	24.17 1.74 -1.24	23.51 1.69 -0.41	22.51 1.41 -0.13	21.08 1.15 -0.18	18.86 1.18 -0.74
PIERCEFIELD__HYD 23852	18.48 -1.37 0.00	13.11 -1.03 0.00	10.72 -0.87 0.00	10.69 -0.92 0.00	10.81 -0.90 0.00	15.87 -1.05 -0.04	16.50 -1.13 0.00	16.37 -1.16 0.00	16.39 -1.04 -0.03	17.30 -1.12 -0.02	17.47 -1.19 -0.03	17.58 -1.18 -0.05	18.28 -1.42 -0.03	18.27 -1.27 -0.07	18.41 -1.40 -0.07	19.25 -1.58 -0.03	19.59 -1.55 -0.16	19.71 -1.62 -0.27	21.99 -1.69 -0.14	19.86 -1.48 -0.15	19.94 -1.52 -0.05	19.52 -1.47 -0.02	18.48 -1.30 -0.02	15.74 -1.29 -0.09
PINELAWN_CC_1 323563	26.86 1.87 -5.14	22.28 1.37 -6.76	19.34 1.18 -6.57	18.06 1.15 -5.30	18.71 1.03 -5.96	19.27 1.33 -1.06	19.21 1.59 0.00	19.13 1.61 0.00	20.00 1.76 -0.84	21.30 1.88 -1.02	24.31 1.88 -3.79	24.99 1.91 -4.38	25.89 2.08 -4.14	26.35 2.10 -4.79	26.83 2.13 -4.95	26.92 2.31 -3.81	29.38 2.35 -6.06	31.00 2.46 -7.47	30.97 2.71 -4.72	29.45 2.44 -5.82	26.91 2.40 -3.11	26.41 2.33 -3.11	24.77 2.25 -2.76	23.06 1.86 -4.26
PJM_GEN_HTP_PROXY 323702	21.86 1.21 -0.80	19.99 0.91 -4.93	18.94 0.80 -6.55	17.70 0.79 -5.30	18.42 0.75 -5.96	18.96 1.03 -1.06	18.75 1.13 0.00	18.73 1.21 0.00	19.51 1.27 -0.84	20.40 1.38 -0.63	20.77 1.42 -0.72	21.49 1.46 -1.33	22.10 1.63 -0.80	22.95 1.67 -1.81	23.12 1.66 -1.71	23.35 1.81 -0.74	27.00 1.87 -4.16	29.91 1.96 -6.89	29.23 2.09 -3.60	26.93 1.84 -3.90	24.48 1.78 -1.30	23.12 1.72 -0.42	21.97 1.64 -0.57	20.60 1.32 -2.35
PJM_GEN_KEystone 24065	20.73 0.40 -0.48	17.52 0.40 -2.98	15.92 0.37 -3.96	15.19 0.38 -3.20	15.68 0.36 -3.60	17.91 0.37 -0.66	18.12 0.49 0.00	18.03 0.51 0.00	18.22 0.30 -0.53	19.14 0.35 -0.39	19.42 0.34 -0.45	19.89 0.35 -0.83	20.60 0.43 -0.50	21.08 0.49 -1.14	21.43 0.61 -1.07	21.97 0.71 -0.46	24.25 0.67 -2.60	26.20 0.82 -4.32	26.57 0.78 -2.25	24.36 0.72 -2.44	22.95 0.73 -0.81	21.87 0.63 -0.26	20.63 0.51 -0.36	19.05 0.64 -1.47
PJM_GEN_NEPTUNE_PROXY 323594	26.48 1.49 -5.14	22.03 1.12 -6.76	19.13 0.97 -6.57	17.85 0.94 -5.30	18.53 0.85 -5.96	19.00 1.06 -1.06	18.93 1.30 0.00	18.87 1.35 0.00	19.72 1.48 -0.84	21.00 1.58 -1.02	24.01 1.58 -3.79	24.69 1.61 -4.38	25.46 1.77 -4.02	25.53 1.79 -4.28	25.94 1.80 -4.40	25.88 1.93 -3.15	28.04 2.01 -5.05	30.05 2.07 -6.92	29.45 2.24 -3.67	28.53 2.03 -5.31	25.82 1.97 -2.44	25.50 1.93 -2.60	23.90 1.88 -2.26	22.73 1.54 -4.26
PJM_GEN_VFT_PROXY 323633	21.82 1.17 -0.80	19.96 0.88 -4.93	18.92 0.78 -6.55	17.66 0.75 -5.30	18.40 0.73 -5.96	18.89 0.96 -1.06	18.72 1.09 0.00	18.73 1.21 0.00	19.48 1.24 -0.84	20.36 1.34 -0.63	20.75 1.40 -0.72	21.49 1.46 -1.33	22.08 1.61 -0.80	22.93 1.65 -1.81	23.10 1.64 -1.71	23.35 1.81 -0.74	27.00 1.87 -4.16	29.89 1.94 -6.89	29.23 2.09 -3.60	26.91 1.82 -3.90	24.46 1.76 -1.30	23.09 1.70 -0.42	21.95 1.62 -0.57	20.59 1.30 -2.35
PLATSBRG_115KV_PMLD1 355749	18.88 -0.97 0.00	13.45 -0.69 0.00	11.00 -0.59 0.00	11.06 -0.55 0.00	11.06 -0.66 0.00	16.02 -0.88 -0.02	16.69 -0.93 0.00	16.61 -0.91 0.00	16.62 -0.80 -0.02	17.53 -0.88 -0.01	17.70 -0.95 -0.02	17.76 -0.97 -0.03	18.53 -1.16 -0.02	18.43 -1.07 -0.04	18.60 -1.18 -0.04	19.51 -1.31 -0.02	19.87 -1.20 -0.09	20.02 -1.20 -0.15	22.44 -1.18 -0.08	20.28 -1.00 -0.09	20.34 -1.09 -0.03	19.90 -1.09 -0.01	18.80 -0.97 -0.01	15.99 -1.00 -0.05
PLEASANTVLY__LBMP 24000	21.69 0.99 -0.84	20.10 0.75 -5.21	19.14 0.64 -6.92	17.84 0.64 -5.60	18.61 0.61 -6.29	18.85 0.86 -1.12	18.56 0.93 0.00	18.50 0.98 0.00	19.30 1.01 -0.89	20.14 1.09 -0.66	20.51 1.12 -0.76	21.25 1.14 -1.40	21.79 1.28 -0.84	22.66 1.28 -1.91	22.88 1.32 -1.81	23.00 1.41 -0.78	26.80 1.45 -4.38	29.84 1.52 -7.26	28.96 1.62 -3.79	26.74 1.44 -4.11	24.21 1.43 -1.37	22.82 1.41 -0.44	21.66 1.30 -0.60	20.46 1.05 -2.48
PLSNTVLE_13_KV_13.8KVDIST 80602	21.81 1.15 -0.80	19.99 0.86 -4.98	18.96 0.75 -6.62	17.70 0.74 -5.35	18.45 0.71 -6.02	18.94 1.00 -1.07	18.70 1.08 0.00	18.66 1.14 0.00	19.43 1.18 -0.85	20.30 1.27 -0.63	20.68 1.32 -0.73	21.39 1.35 -1.34	21.99 1.51 -0.81	22.83 1.54 -1.83	23.02 1.54 -1.73	23.23 1.68 -0.75	26.91 1.74 -4.20	29.83 1.81 -6.96	29.15 1.98 -3.63	26.89 1.76 -3.94	24.43 1.71 -1.31	23.06 1.66 -0.42	21.85 1.52 -0.58	20.54 1.24 -2.37

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.81 1.15 -0.80	19.99 0.86 -4.98	18.96 0.75 -6.62	17.70 0.74 -5.35	18.45 0.71 -6.02	18.94 1.00 -1.07	18.70 1.08 0.00	18.66 1.14 0.00	19.43 1.18 -0.85	20.30 1.27 -0.63	20.68 1.32 -0.73	21.39 1.35 -1.34	21.99 1.51 -0.81	22.83 1.54 -1.83	23.02 1.54 -1.73	23.23 1.68 -0.75	26.91 1.74 -4.20	29.83 1.81 -6.96	29.15 1.98 -3.63	26.89 1.76 -3.94	24.43 1.71 -1.31	23.06 1.66 -0.42	21.85 1.52 -0.58	20.54 1.24 -2.37
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.77 1.09 -0.82	20.03 0.81 -5.08	19.02 0.68 -6.75	17.74 0.67 -5.46	18.53 0.68 -6.14	18.92 0.96 -1.09	18.66 1.04 0.00	18.57 1.05 0.00	19.31 1.04 -0.87	20.14 1.10 -0.65	20.53 1.16 -0.74	21.25 1.18 -1.37	21.81 1.32 -0.82	22.65 1.32 -1.87	22.85 1.34 -1.76	23.04 1.48 -0.76	26.74 1.49 -4.28	29.71 1.56 -7.09	28.94 1.69 -3.70	26.73 1.53 -4.01	24.31 1.56 -1.34	22.92 1.51 -0.43	21.73 1.38 -0.59	20.48 1.13 -2.42
POLETTI____ 23519	21.86 1.21 -0.80	20.00 0.92 -4.93	18.95 0.81 -6.55	17.70 0.79 -5.30	18.42 0.75 -5.96	18.96 1.03 -1.06	18.75 1.13 0.00	18.75 1.23 0.00	19.51 1.27 -0.84	20.40 1.38 -0.63	20.79 1.43 -0.72	21.51 1.48 -1.33	22.12 1.65 -0.80	22.95 1.67 -1.81	23.12 1.66 -1.71	23.35 1.81 -0.74	27.02 1.89 -4.16	29.89 1.94 -6.89	29.26 2.12 -3.60	26.96 1.86 -3.90	24.50 1.80 -1.30	23.11 1.72 -0.42	21.99 1.66 -0.57	20.62 1.34 -2.35
POMONA____ESR 323819	21.65 1.03 -0.76	19.66 0.81 -4.71	18.55 0.71 -6.25	17.35 0.68 -5.06	18.07 0.67 -5.68	18.78 0.89 -1.01	18.61 0.99 0.00	18.57 1.05 0.00	19.28 1.08 -0.80	20.13 1.14 -0.60	20.53 1.21 -0.69	21.21 1.23 -1.27	21.79 1.36 -0.76	22.58 1.38 -1.73	22.81 1.42 -1.64	23.05 1.54 -0.71	26.48 1.53 -3.97	29.23 1.58 -6.58	28.67 1.70 -3.44	26.44 1.53 -3.72	24.19 1.54 -1.24	22.91 1.53 -0.40	21.68 1.38 -0.55	20.29 1.12 -2.24
PORT_JEFF_3 23555	27.00 2.00 -5.14	22.38 1.47 -6.76	19.44 1.27 -6.57	18.16 1.25 -5.30	18.79 1.11 -5.96	19.38 1.45 -1.06	19.35 1.73 0.00	19.27 1.75 0.00	20.14 1.90 -0.84	21.44 2.02 -1.02	24.47 2.05 -3.79	25.16 2.08 -4.38	27.95 2.28 -6.00	34.75 2.26 -13.03	35.79 2.25 -13.79	37.64 2.39 -14.45	45.54 2.37 -22.19	40.10 2.44 -16.60	47.83 2.68 -21.61	37.65 2.48 -13.98	37.64 2.50 -13.73	34.75 2.47 -11.30	32.97 2.45 -10.76	23.23 2.03 -4.26
PORT_JEFF_4 23616	27.00 2.00 -5.14	22.38 1.47 -6.76	19.44 1.27 -6.57	18.16 1.25 -5.30	18.79 1.11 -5.96	19.38 1.45 -1.06	19.35 1.73 0.00	19.27 1.75 0.00	20.14 1.90 -0.84	21.44 2.02 -1.02	24.47 2.05 -3.79	25.16 2.08 -4.38	27.95 2.28 -6.00	34.75 2.26 -13.03	35.79 2.25 -13.79	37.64 2.39 -14.45	45.54 2.37 -22.19	40.10 2.44 -16.60	47.83 2.68 -21.61	37.65 2.48 -13.98	37.64 2.50 -13.73	34.75 2.47 -11.30	32.97 2.45 -10.76	23.23 2.03 -4.26
PORT_JEFF_IC 23713	27.06 2.06 -5.14	22.43 1.51 -6.76	19.47 1.31 -6.57	18.20 1.29 -5.30	18.82 1.15 -5.96	19.42 1.49 -1.06	19.39 1.76 0.00	19.31 1.79 0.00	20.19 1.95 -0.84	21.50 2.08 -1.02	24.53 2.11 -3.79	25.23 2.15 -4.38	28.30 2.34 -6.29	36.13 2.33 -14.34	37.29 2.35 -15.19	39.43 2.49 -16.14	48.23 2.50 -24.75	40.62 2.46 -17.09	50.53 2.71 -24.29	39.05 2.58 -15.27	39.41 2.59 -15.41	36.11 2.54 -12.60	34.30 2.51 -12.03	23.28 2.08 -4.26
PPL PILGRIM_ST_GT1 24216	26.98 1.99 -5.14	22.38 1.47 -6.76	19.42 1.26 -6.57	18.14 1.23 -5.30	18.79 1.11 -5.96	19.37 1.43 -1.06	19.33 1.71 0.00	19.26 1.74 0.00	20.12 1.88 -0.84	21.44 2.02 -1.02	24.46 2.03 -3.79	25.14 2.06 -4.38	26.38 2.24 -4.47	27.95 2.24 -6.25	28.53 2.27 -6.52	28.95 2.45 -5.70	32.33 2.43 -8.92	32.78 2.57 -9.14	34.08 2.82 -7.71	31.02 2.56 -7.26	28.94 2.55 -4.99	28.01 2.47 -4.56	26.37 2.43 -4.18	23.21 2.01 -4.26
PPL PILGRIM_ST_GT2 24217	26.98 1.99 -5.14	22.38 1.47 -6.76	19.42 1.26 -6.57	18.14 1.23 -5.30	18.79 1.11 -5.96	19.37 1.43 -1.06	19.33 1.71 0.00	19.26 1.74 0.00	20.12 1.88 -0.84	21.44 2.02 -1.02	24.46 2.03 -3.79	25.14 2.06 -4.38	26.38 2.24 -4.47	27.95 2.24 -6.25	28.53 2.27 -6.52	28.95 2.45 -5.70	32.33 2.43 -8.92	32.78 2.57 -9.14	34.08 2.82 -7.71	31.02 2.56 -7.26	28.94 2.55 -4.99	28.01 2.47 -4.56	26.37 2.43 -4.18	23.21 2.01 -4.26
PPL_SHRM_GT3 24213	27.24 2.24 -5.14	22.55 1.64 -6.76	19.59 1.42 -6.57	18.30 1.39 -5.30	18.92 1.24 -5.96	19.57 1.64 -1.06	19.55 1.92 0.00	19.45 1.93 0.00	20.33 2.09 -0.84	21.64 2.22 -1.02	24.66 2.24 -3.79	25.39 2.30 -4.38	28.22 2.52 -6.03	35.18 2.53 -13.19	36.28 2.57 -13.96	38.22 2.77 -14.66	46.28 2.79 -22.51	40.61 2.97 -16.57	48.73 3.25 -21.94	38.26 2.93 -14.14	38.23 2.89 -13.94	35.23 2.79 -11.46	33.40 2.73 -10.92	23.46 2.27 -4.26
PPL_SHRM_GT4 24214	27.24 2.24 -5.14	22.55 1.64 -6.76	19.59 1.42 -6.57	18.30 1.39 -5.30	18.92 1.24 -5.96	19.57 1.64 -1.06	19.55 1.92 0.00	19.45 1.93 0.00	20.33 2.09 -0.84	21.64 2.22 -1.02	24.66 2.24 -3.79	25.39 2.30 -4.38	28.22 2.52 -6.03	35.18 2.53 -13.19	36.28 2.57 -13.96	38.22 2.77 -14.66	46.28 2.79 -22.51	40.61 2.97 -16.57	48.73 3.25 -21.94	38.26 2.93 -14.14	38.23 2.89 -13.94	35.23 2.79 -11.46	33.40 2.73 -10.92	23.46 2.27 -4.26
PROJECT___ORANGE 1 24174	20.02 0.10 -0.07	14.70 0.13 -0.43	12.25 0.09 -0.57	12.16 0.09 -0.46	12.33 0.11 -0.51	17.17 0.15 -0.15	17.82 0.19 0.00	17.73 0.21 0.00	17.64 0.12 -0.12	18.61 0.13 -0.09	18.88 0.15 -0.10	19.04 0.15 -0.19	19.94 0.16 -0.11	19.81 0.10 -0.25	20.12 0.14 -0.24	21.09 0.19 -0.10	21.75 0.19 -0.58	22.34 0.32 -0.96	24.40 0.35 -0.50	22.01 0.28 -0.55	21.89 0.30 -0.18	21.16 0.13 -0.06	19.88 0.04 -0.08	17.58 0.32 -0.33
PROJECT___ORANGE 2 24166	20.02 0.10 -0.07	14.70 0.13 -0.43	12.25 0.09 -0.57	12.16 0.09 -0.46	12.33 0.11 -0.51	17.17 0.15 -0.15	17.82 0.19 0.00	17.73 0.21 0.00	17.64 0.12 -0.12	18.61 0.13 -0.09	18.88 0.15 -0.10	19.04 0.15 -0.19	19.94 0.16 -0.11	19.81 0.10 -0.25	20.12 0.14 -0.24	21.09 0.19 -0.10	21.75 0.19 -0.58	22.34 0.32 -0.96	24.40 0.35 -0.50	22.01 0.28 -0.55	21.89 0.30 -0.18	21.16 0.13 -0.06	19.88 0.04 -0.08	17.58 0.32 -0.33
PUCKETT___SOLAR 323809	20.61 0.52 -0.24	16.09 0.47 -1.47	13.93 0.38 -1.96	13.57 0.38 -1.58	13.89 0.40 -1.78	17.74 0.51 -0.36	18.28 0.65 0.00	18.12 0.60 0.00	18.05 0.37 -0.29	18.94 0.33 -0.21	19.18 0.30 -0.24	19.42 0.26 -0.45	20.24 0.30 -0.27	20.37 0.29 -0.62	20.72 0.39 -0.58	21.53 0.48 -0.25	22.89 0.50 -1.41	24.16 0.76 -2.34	25.66 0.89 -1.22	23.37 0.85 -1.32	22.70 0.86 -0.44	21.81 0.69 -0.14	20.48 0.53 -0.19	18.41 0.68 -0.80
PYRITES___HYD 24023	18.90 -0.95 0.00	13.42 -0.72 0.00	10.96 -0.63 0.00	10.90 -0.71 0.00	11.06 -0.66 0.00	16.24 -0.67 -0.04	16.87 -0.76 0.00	16.72 -0.81 0.00	16.70 -0.73 -0.03	17.61 -0.81 -0.02	17.80 -0.86 -0.03	17.91 -0.84 -0.05	18.64 -1.06 -0.03	18.63 -0.90 -0.07	18.78 -1.03 -0.06	19.62 -1.21 -0.03	19.96 -1.17 -0.15	20.10 -1.22 -0.26	22.45 -1.22 -0.13	20.32 -1.02 -0.14	20.36 -1.09 -0.05	19.96 -1.03 -0.02	18.87 -0.91 -0.02	16.04 -0.98 -0.09

QUAKERRD_115KV_BK1 80622	19.74 -0.20 -0.09	14.65 -0.04 -0.55	12.26 -0.06 -0.73	12.16 -0.03 -0.59	12.34 -0.04 -0.67	16.94 -0.10 -0.17	17.34 -0.28 0.00	17.24 -0.28 0.00	17.19 -0.35 -0.14	18.15 -0.35 -0.10	18.42 -0.34 -0.12	18.58 -0.34 -0.22	19.52 -0.28 -0.13	19.45 -0.31 -0.30	19.79 -0.24 -0.28	20.69 -0.23 -0.12	21.41 -0.25 -0.68	22.11 -0.08 -1.13	24.01 -0.12 -0.59	21.71 -0.13 -0.64	21.56 -0.06 -0.21	20.77 -0.27 -0.07	19.48 -0.38 -0.09	17.45 0.14 -0.39
QUENSBRY_115KV_TB8 356137	22.76 1.85 -1.06	21.98 1.26 -6.58	21.31 0.99 -8.74	19.68 1.00 -7.07	20.67 1.01 -7.95	19.78 1.50 -1.41	19.25 1.62 0.00	19.19 1.66 0.00	20.17 1.65 -1.11	20.96 1.73 -0.83	21.32 1.73 -0.95	22.00 1.53 -1.76	22.42 1.69 -1.06	23.50 1.63 -2.40	23.83 1.82 -2.27	23.78 2.00 -0.98	28.47 1.99 -5.50	32.25 2.06 -9.13	30.73 2.42 -4.77	28.60 2.25 -5.16	25.44 2.31 -1.72	23.59 2.06 -0.55	22.35 1.84 -0.76	21.60 1.56 -3.11
RAMAPO___LBMP 323565	21.58 0.97 -0.76	19.58 0.75 -4.69	18.47 0.66 -6.22	17.29 0.65 -5.03	18.01 0.63 -5.66	18.72 0.84 -1.01	18.56 0.93 0.00	18.52 1.00 0.00	19.21 1.01 -0.80	20.08 1.09 -0.60	20.47 1.16 -0.68	21.15 1.18 -1.27	21.73 1.30 -0.76	22.51 1.32 -1.73	22.74 1.36 -1.63	22.98 1.48 -0.71	26.42 1.49 -3.95	29.16 1.54 -6.55	28.59 1.62 -3.42	26.36 1.46 -3.71	24.12 1.48 -1.24	22.82 1.45 -0.40	21.60 1.30 -0.54	20.23 1.07 -2.23
RANKINE____ 23646	20.04 0.06 -0.12	15.16 0.24 -0.77	12.85 0.23 -1.02	12.75 0.31 -0.83	12.94 0.29 -0.93	17.28 0.19 -0.22	17.89 0.26 0.00	17.75 0.23 0.00	17.26 -0.31 -0.17	18.17 -0.35 -0.13	18.35 -0.43 -0.15	18.56 -0.41 -0.27	19.62 -0.22 -0.16	19.58 -0.25 -0.37	20.02 -0.08 -0.35	21.02 0.06 -0.15	21.79 -0.04 -0.86	22.72 0.23 -1.42	24.35 0.07 -0.74	22.14 0.15 -0.80	21.89 0.21 -0.27	21.04 -0.02 -0.09	19.74 -0.14 -0.12	17.92 0.51 -0.48
RAVENSWOOD_GT2_1 24244	21.90 1.25 -0.80	20.01 0.93 -4.93	18.97 0.82 -6.55	17.72 0.81 -5.30	18.45 0.77 -5.96	18.98 1.05 -1.06	18.77 1.15 0.00	18.75 1.23 0.00	19.51 1.27 -0.84	20.40 1.38 -0.63	20.79 1.43 -0.72	21.51 1.48 -1.33	22.14 1.67 -0.80	22.95 1.67 -1.81	23.12 1.66 -1.71	23.37 1.83 -0.74	27.02 1.89 -4.16	29.91 1.96 -6.89	29.28 2.14 -3.60	26.98 1.89 -3.90	24.50 1.80 -1.30	23.14 1.74 -0.42	21.99 1.66 -0.57	20.64 1.35 -2.35
RAVENSWOOD_GT2_2 24245	21.90 1.25 -0.80	20.01 0.93 -4.93	18.97 0.82 -6.55	17.72 0.81 -5.30	18.45 0.77 -5.96	18.98 1.05 -1.06	18.77 1.15 0.00	18.75 1.23 0.00	19.51 1.27 -0.84	20.40 1.38 -0.63	20.79 1.43 -0.72	21.51 1.48 -1.33	22.14 1.67 -0.80	22.95 1.67 -1.81	23.12 1.66 -1.71	23.37 1.83 -0.74	27.02 1.89 -4.16	29.91 1.96 -6.89	29.28 2.14 -3.60	26.98 1.89 -3.90	24.50 1.80 -1.30	23.14 1.74 -0.42	21.99 1.66 -0.57	20.64 1.35 -2.35
RAVENSWOOD_GT2_3 24246	21.90 1.25 -0.80	20.01 0.93 -4.93	18.97 0.82 -6.55	17.72 0.81 -5.30	18.45 0.77 -5.96	19.00 1.06 -1.06	18.77 1.15 0.00	18.77 1.24 0.00	19.53 1.29 -0.84	20.42 1.40 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.14 1.67 -0.80	22.97 1.69 -1.81	23.14 1.68 -1.71	23.37 1.83 -0.74	27.04 1.91 -4.16	29.93 1.98 -6.89	29.30 2.17 -3.60	26.98 1.89 -3.90	24.53 1.82 -1.30	23.16 1.76 -0.42	22.01 1.68 -0.57	20.65 1.37 -2.35
RAVENSWOOD_GT2_4 24247	21.90 1.25 -0.80	20.01 0.93 -4.93	18.97 0.82 -6.55	17.72 0.81 -5.30	18.45 0.77 -5.96	19.00 1.06 -1.06	18.77 1.15 0.00	18.77 1.24 0.00	19.53 1.29 -0.84	20.42 1.40 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.14 1.67 -0.80	22.97 1.69 -1.81	23.14 1.68 -1.71	23.37 1.83 -0.74	27.04 1.91 -4.16	29.93 1.98 -6.89	29.30 2.17 -3.60	26.98 1.89 -3.90	24.53 1.82 -1.30	23.16 1.76 -0.42	22.01 1.68 -0.57	20.65 1.37 -2.35
RAVENSWOOD_GT3_1 24248	21.90 1.25 -0.80	20.01 0.93 -4.93	18.97 0.82 -6.55	17.71 0.80 -5.30	18.45 0.77 -5.96	18.98 1.05 -1.06	18.77 1.15 0.00	18.75 1.23 0.00	19.51 1.27 -0.84	20.40 1.38 -0.63	20.79 1.43 -0.72	21.51 1.48 -1.33	22.14 1.67 -0.80	22.95 1.67 -1.81	23.12 1.66 -1.71	23.37 1.83 -0.74	27.04 1.91 -4.16	29.91 1.96 -6.89	29.28 2.14 -3.60	26.98 1.89 -3.90	24.50 1.80 -1.30	23.14 1.74 -0.42	22.01 1.68 -0.57	20.64 1.35 -2.35
RAVENSWOOD_GT3_2 24249	21.90 1.25 -0.80	20.01 0.93 -4.93	18.97 0.82 -6.55	17.71 0.80 -5.30	18.45 0.77 -5.96	18.98 1.05 -1.06	18.77 1.15 0.00	18.75 1.23 0.00	19.51 1.27 -0.84	20.40 1.38 -0.63	20.79 1.43 -0.72	21.51 1.48 -1.33	22.14 1.67 -0.80	22.95 1.67 -1.81	23.12 1.66 -1.71	23.37 1.83 -0.74	27.04 1.91 -4.16	29.91 1.96 -6.89	29.28 2.14 -3.60	26.98 1.89 -3.90	24.50 1.80 -1.30	23.14 1.74 -0.42	22.01 1.68 -0.57	20.64 1.35 -2.35
RAVENSWOOD_GT3_3 24250	21.92 1.27 -0.80	20.03 0.95 -4.93	18.98 0.83 -6.55	17.73 0.82 -5.30	18.46 0.78 -5.96	19.01 1.08 -1.06	18.79 1.16 0.00	18.78 1.26 0.00	19.55 1.30 -0.84	20.44 1.42 -0.63	20.82 1.47 -0.72	21.55 1.51 -1.33	22.16 1.69 -0.80	22.99 1.71 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.06 1.93 -4.16	29.96 2.00 -6.89	29.33 2.19 -3.60	27.00 1.91 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.03 1.70 -0.57	20.67 1.39 -2.35
RAVENSWOOD_GT3_4 24251	21.92 1.27 -0.80	20.03 0.95 -4.93	18.98 0.83 -6.55	17.73 0.82 -5.30	18.46 0.78 -5.96	19.01 1.08 -1.06	18.79 1.16 0.00	18.78 1.26 0.00	19.55 1.30 -0.84	20.44 1.42 -0.63	20.82 1.47 -0.72	21.55 1.51 -1.33	22.16 1.69 -0.80	22.99 1.71 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.06 1.93 -4.16	29.96 2.00 -6.89	29.33 2.19 -3.60	27.00 1.91 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.03 1.70 -0.57	20.67 1.39 -2.35
RAVENSWOOD_GT_1 23729	21.98 1.33 -0.80	20.06 0.98 -4.93	19.01 0.87 -6.55	17.77 0.86 -5.30	18.49 0.82 -5.96	19.01 1.08 -1.06	18.79 1.16 0.00	18.75 1.23 0.00	19.51 1.27 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.55 1.51 -1.33	22.18 1.71 -0.80	23.03 1.75 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.10 1.97 -4.16	29.96 2.00 -6.89	38.02 2.26 -12.22	27.00 1.91 -3.90	24.52 1.82 -1.30	23.18 1.78 -0.42	22.09 1.76 -0.57	20.72 1.44 -2.35
RAVENSWOOD_GT_10 24258	21.90 1.25 -0.80	20.01 0.93 -4.93	18.97 0.82 -6.55	17.71 0.80 -5.30	18.45 0.77 -5.96	18.98 1.05 -1.06	18.77 1.15 0.00	18.75 1.23 0.00	19.51 1.27 -0.84	20.40 1.38 -0.63	20.79 1.43 -0.72	21.51 1.48 -1.33	22.14 1.67 -0.80	22.95 1.67 -1.81	23.12 1.66 -1.71	23.37 1.83 -0.74	27.02 1.89 -4.16	29.91 1.96 -6.89	29.28 2.14 -3.60	26.98 1.89 -3.90	24.50 1.80 -1.30	23.14 1.74 -0.42	21.99 1.66 -0.57	20.64 1.35 -2.35
RAVENSWOOD_GT_11 24259	21.90 1.25 -0.80	20.01 0.93 -4.93	18.97 0.82 -6.55	17.71 0.80 -5.30	18.45 0.77 -5.96	18.98 1.05 -1.06	18.77 1.14 0.00	18.75 1.23 0.00	19.51 1.27 -0.84	20.40 1.38 -0.63	20.79 1.43 -0.72	21.51 1.48 -1.33	22.12 1.65 -0.80	22.97 1.69 -1.81	23.12 1.66 -1.71	23.37 1.83 -0.74	27.02 1.89 -4.16	29.91 1.96 -6.89	29.28 2.14 -3.60	26.96 1.87 -3.90	24.50 1.80 -1.30	23.13 1.74 -0.42	22.01 1.68 -0.57	20.64 1.36 -2.35

RAVENSWOOD_GT_4 24252	21.88 1.23 -0.80	20.01 0.93 -4.93	18.95 0.81 -6.55	17.71 0.80 -5.30	18.44 0.76 -5.96	18.98 1.05 -1.06	18.77 1.15 0.00	18.77 1.24 0.00	19.53 1.29 -0.84	20.42 1.40 -0.63	20.79 1.43 -0.72	21.51 1.48 -1.33	22.14 1.67 -0.80	22.95 1.67 -1.81	23.14 1.68 -1.71	23.37 1.83 -0.74	27.02 1.89 -4.16	29.91 1.96 -6.89	35.82 2.12 -10.16	26.96 1.86 -3.90	24.53 1.82 -1.30	23.14 1.74 -0.42	21.99 1.66 -0.57	20.64 1.35 -2.35
RAVENSWOOD_GT_5 24254	21.88 1.23 -0.80	20.01 0.93 -4.93	18.95 0.81 -6.55	17.71 0.80 -5.30	18.44 0.76 -5.96	18.98 1.05 -1.06	18.77 1.15 0.00	18.77 1.24 0.00	19.53 1.29 -0.84	20.42 1.40 -0.63	20.79 1.43 -0.72	21.51 1.48 -1.33	22.14 1.67 -0.80	22.95 1.67 -1.81	23.14 1.68 -1.71	23.37 1.83 -0.74	27.02 1.89 -4.16	29.91 1.96 -6.89	35.82 2.12 -10.16	26.96 1.86 -3.90	24.53 1.82 -1.30	23.14 1.74 -0.42	21.99 1.66 -0.57	20.64 1.35 -2.35
RAVENSWOOD_GT_6 24253	21.88 1.23 -0.80	20.01 0.93 -4.93	18.95 0.81 -6.55	17.71 0.80 -5.30	18.44 0.76 -5.96	18.98 1.05 -1.06	18.77 1.15 0.00	18.77 1.24 0.00	19.53 1.29 -0.84	20.42 1.40 -0.63	20.79 1.43 -0.72	21.51 1.48 -1.33	22.14 1.67 -0.80	22.95 1.67 -1.81	23.14 1.68 -1.71	23.37 1.83 -0.74	27.02 1.89 -4.16	29.91 1.96 -6.89	35.82 2.12 -10.16	26.96 1.86 -3.90	24.53 1.82 -1.30	23.14 1.74 -0.42	21.99 1.66 -0.57	20.64 1.35 -2.35
RAVENSWOOD_GT_7 24255	21.88 1.23 -0.80	20.01 0.93 -4.93	18.95 0.81 -6.55	17.71 0.80 -5.30	18.44 0.76 -5.96	18.98 1.05 -1.06	18.77 1.15 0.00	18.77 1.24 0.00	19.53 1.29 -0.84	20.42 1.40 -0.63	20.79 1.43 -0.72	21.51 1.48 -1.33	22.14 1.67 -0.80	22.95 1.67 -1.81	23.14 1.68 -1.71	23.37 1.83 -0.74	27.02 1.89 -4.16	29.91 1.96 -6.89	35.82 2.12 -10.16	26.96 1.86 -3.90	24.53 1.82 -1.30	23.14 1.74 -0.42	21.99 1.66 -0.57	20.64 1.35 -2.35
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.90 1.25 -0.80	20.01 0.93 -4.93	18.97 0.82 -6.55	17.71 0.80 -5.30	18.45 0.77 -5.96	18.98 1.05 -1.06	18.77 1.15 0.00	18.75 1.23 0.00	19.51 1.27 -0.84	20.40 1.38 -0.63	20.79 1.43 -0.72	21.51 1.48 -1.33	22.14 1.67 -0.80	22.95 1.67 -1.81	23.12 1.66 -1.71	23.37 1.83 -0.74	27.02 1.89 -4.16	29.91 1.96 -6.89	29.28 2.14 -3.60	26.98 1.89 -3.90	24.50 1.80 -1.30	23.14 1.74 -0.42	21.99 1.66 -0.57	20.64 1.35 -2.35
RAVENSWOOD_GT_9 24257	21.90 1.25 -0.80	20.01 0.93 -4.93	18.97 0.82 -6.55	17.71 0.80 -5.30	18.45 0.77 -5.96	18.98 1.05 -1.06	18.77 1.15 0.00	18.75 1.23 0.00	19.51 1.27 -0.84	20.40 1.38 -0.63	20.79 1.43 -0.72	21.51 1.48 -1.33	22.14 1.67 -0.80	22.95 1.67 -1.81	23.12 1.66 -1.71	23.37 1.83 -0.74	27.02 1.89 -4.16	29.91 1.96 -6.89	29.28 2.14 -3.60	26.98 1.89 -3.90	24.50 1.80 -1.30	23.14 1.74 -0.42	21.99 1.66 -0.57	20.64 1.35 -2.35
RAVENSWOOD___1 23533	21.96 1.31 -0.80	20.04 0.96 -4.93	19.00 0.86 -6.55	17.76 0.85 -5.30	18.48 0.81 -5.96	19.00 1.06 -1.06	18.77 1.14 0.00	18.75 1.23 0.00	19.50 1.25 -0.84	20.42 1.40 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.16 1.69 -0.80	23.01 1.73 -1.81	23.14 1.68 -1.71	23.37 1.83 -0.74	27.08 1.95 -4.16	29.93 1.98 -6.89	29.38 2.24 -3.60	26.98 1.89 -3.90	24.50 1.80 -1.30	23.16 1.76 -0.42	22.09 1.76 -0.57	20.70 1.42 -2.35
RAVENSWOOD___2 23534	21.94 1.29 -0.80	20.04 0.96 -4.93	19.00 0.86 -6.55	17.76 0.85 -5.30	18.47 0.80 -5.96	19.00 1.06 -1.06	18.77 1.14 0.00	18.73 1.21 0.00	19.50 1.25 -0.84	20.40 1.38 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.16 1.69 -0.80	23.01 1.73 -1.81	23.14 1.68 -1.71	23.37 1.83 -0.74	27.08 1.95 -4.16	29.93 1.98 -6.89	29.38 2.24 -3.60	26.98 1.89 -3.90	24.50 1.80 -1.30	23.16 1.76 -0.42	22.07 1.74 -0.57	20.70 1.42 -2.35
RAVENSWOOD___3 23535	21.90 1.25 -0.80	20.01 0.93 -4.93	18.97 0.82 -6.55	17.72 0.81 -5.30	18.45 0.77 -5.96	18.98 1.05 -1.06	18.77 1.14 0.00	18.75 1.23 0.00	19.51 1.27 -0.84	20.40 1.38 -0.63	20.79 1.43 -0.72	21.51 1.48 -1.33	22.12 1.65 -0.80	22.97 1.69 -1.81	23.12 1.66 -1.71	23.37 1.83 -0.74	27.04 1.91 -4.16	29.91 1.96 -6.89	29.28 2.14 -3.60	26.96 1.87 -3.90	24.50 1.80 -1.30	23.13 1.74 -0.42	22.01 1.68 -0.57	20.64 1.36 -2.35
RAVENSWOOD___4 23820	21.94 1.29 -0.80	20.04 0.96 -4.93	18.99 0.85 -6.55	17.75 0.84 -5.30	18.47 0.80 -5.96	18.98 1.05 -1.06	18.75 1.13 0.00	18.73 1.21 0.00	19.48 1.24 -0.84	20.40 1.38 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.14 1.67 -0.80	22.99 1.71 -1.81	23.12 1.66 -1.71	23.35 1.81 -0.74	27.06 1.93 -4.16	29.93 1.98 -6.89	20.89 2.24 4.89	26.96 1.87 -3.90	24.50 1.80 -1.30	23.13 1.74 -0.42	22.07 1.74 -0.57	20.69 1.40 -2.35
RCPL_TRUST___DRP 24196	21.90 1.25 -0.80	20.01 0.93 -4.93	18.97 0.82 -6.55	17.71 0.80 -5.30	18.45 0.77 -5.96	19.00 1.06 -1.06	18.79 1.16 0.00	18.77 1.24 0.00	19.55 1.30 -0.84	20.44 1.42 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.16 1.69 -0.80	22.97 1.69 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.04 1.91 -4.16	29.96 2.00 -6.89	29.28 2.14 -3.60	26.98 1.89 -3.90	24.53 1.82 -1.30	23.16 1.76 -0.42	22.01 1.68 -0.57	20.64 1.35 -2.35
RED___ROCHESTER 323720	20.38 0.44 -0.09	15.15 0.44 -0.57	12.67 0.32 -0.76	12.59 0.37 -0.61	12.77 0.36 -0.69	17.49 0.44 -0.18	17.85 0.23 0.00	17.75 0.23 0.00	17.68 0.14 -0.14	18.66 0.17 -0.11	18.92 0.17 -0.12	19.11 0.19 -0.22	20.06 0.26 -0.13	20.06 0.29 -0.30	20.41 0.37 -0.29	21.36 0.44 -0.12	22.09 0.42 -0.70	22.81 0.59 -1.15	24.78 0.64 -0.60	22.42 0.57 -0.65	22.27 0.64 -0.22	21.44 0.40 -0.07	20.11 0.26 -0.10	18.05 0.73 -0.39
REGAN___SOLAR 323812	23.57 2.50 -1.21	23.39 1.74 -7.50	22.92 1.37 -9.97	20.87 1.20 -8.06	22.21 1.43 -9.07	20.31 1.84 -1.60	19.91 2.29 0.00	19.83 2.31 0.00	20.88 2.21 -1.27	21.55 2.21 -0.95	21.90 2.18 -1.08	22.91 2.21 -2.01	23.21 2.34 -1.20	24.45 2.26 -2.73	24.68 2.35 -2.58	24.54 2.62 -1.12	29.88 2.64 -6.26	34.28 2.84 -10.38	32.21 3.25 -5.42	30.10 3.03 -5.87	26.47 3.10 -1.96	24.44 2.83 -0.63	23.11 2.49 -0.86	22.62 2.15 -3.54
RENSSELAER___COGEN 23796	21.41 0.54 -1.02	20.85 0.38 -6.32	20.29 0.30 -8.40	18.72 0.31 -6.80	19.67 0.32 -7.64	18.75 0.52 -1.35	18.20 0.58 0.00	18.07 0.54 0.00	19.03 0.56 -1.07	19.78 0.59 -0.80	20.09 0.54 -0.91	20.94 0.54 -1.70	21.32 0.63 -1.02	22.41 0.64 -2.31	22.60 0.67 -2.18	22.47 0.73 -0.94	26.98 0.71 -5.29	30.59 0.76 -8.77	28.97 0.85 -4.58	26.94 0.78 -4.97	23.85 0.79 -1.65	22.22 0.71 -0.53	21.13 0.65 -0.73	20.45 0.53 -2.99
REPUBLIC_115KV_BARTNBRK 55605	24.13 3.22 -1.06	22.91 2.19 -6.58	22.04 1.72 -8.73	20.30 1.62 -7.07	21.40 1.75 -7.94	20.82 2.55 -1.40	20.41 2.78 0.00	20.40 2.87 0.00	21.35 2.84 -1.11	22.21 2.98 -0.83	22.59 3.00 -0.95	23.29 2.82 -1.76	23.66 2.93 -1.06	24.67 2.80 -2.40	24.96 2.94 -2.27	25.03 3.24 -0.98	29.71 3.23 -5.50	33.53 3.35 -9.12	32.16 3.86 -4.76	29.96 3.60 -5.16	26.94 3.81 -1.72	24.89 3.36 -0.55	23.54 3.02 -0.76	22.63 2.59 -3.11

REVERE_CPDR_DRP 24186	20.41 0.52 -0.04	14.77 0.38 -0.24	12.22 0.31 -0.32	12.08 0.22 -0.26	12.28 0.28 -0.29	17.44 0.46 -0.11	18.10 0.48 0.00	17.92 0.40 0.00	17.82 0.33 -0.09	18.76 0.29 -0.07	19.01 0.30 -0.08	19.11 0.26 -0.14	20.07 0.31 -0.09	19.93 0.27 -0.20	20.29 0.36 -0.18	21.30 0.42 -0.08	21.87 0.44 -0.45	22.46 0.65 -0.74	24.75 0.82 -0.39	22.33 0.72 -0.42	22.25 0.71 -0.14	21.53 0.50 -0.05	20.13 0.32 -0.06	17.69 0.51 -0.25
REYNOLDS_115KV_TB3 80639	21.55 0.68 -1.02	20.98 0.50 -6.34	20.40 0.39 -8.42	18.82 0.41 -6.81	19.77 0.40 -7.65	18.85 0.62 -1.35	18.29 0.67 0.00	18.17 0.65 0.00	19.12 0.64 -1.07	19.88 0.68 -0.80	20.22 0.67 -0.92	21.07 0.67 -1.70	21.48 0.79 -1.02	22.57 0.80 -2.31	22.76 0.83 -2.19	22.62 0.87 -0.95	27.14 0.86 -5.30	30.76 0.91 -8.79	29.14 1.01 -4.59	27.08 0.91 -4.97	24.01 0.94 -1.66	22.37 0.86 -0.53	21.28 0.79 -0.73	20.57 0.64 -3.00
RIVERBAY____ 323610	22.19 1.53 -0.81	20.22 1.13 -4.94	19.16 1.01 -6.56	17.87 0.95 -5.31	18.64 0.96 -5.97	19.18 1.25 -1.06	18.93 1.30 0.00	18.84 1.31 0.00	19.55 1.30 -0.84	20.51 1.49 -0.63	20.94 1.58 -0.72	21.68 1.65 -1.33	22.36 1.89 -0.80	23.20 1.93 -1.81	23.30 1.84 -1.71	23.54 2.00 -0.74	27.34 2.20 -4.16	30.12 2.17 -6.89	29.66 2.52 -3.60	27.32 2.23 -3.90	24.72 2.01 -1.30	23.39 1.99 -0.42	22.37 2.03 -0.58	20.98 1.69 -2.36
RIVERSIDE_115KV_TB3 55908	21.52 0.64 -1.03	20.95 0.45 -6.35	20.39 0.36 -8.44	18.81 0.37 -6.83	19.76 0.37 -7.68	18.82 0.59 -1.36	18.28 0.65 0.00	18.13 0.61 0.00	19.10 0.63 -1.08	19.86 0.66 -0.80	20.19 0.63 -0.92	21.04 0.64 -1.70	21.44 0.75 -1.02	22.54 0.76 -2.32	22.73 0.79 -2.19	22.58 0.83 -0.95	27.11 0.82 -5.32	30.74 0.86 -8.82	29.11 0.97 -4.60	27.05 0.87 -4.99	23.97 0.90 -1.66	22.33 0.82 -0.53	21.24 0.75 -0.73	20.55 0.61 -3.01
ROARING__BROOK_WT_PWR 323790	19.24 -0.62 0.00	13.74 -0.41 0.00	11.26 -0.32 0.00	11.29 -0.31 0.00	11.39 -0.33 0.00	16.58 -0.37 -0.08	17.20 -0.42 0.00	17.10 -0.42 0.00	17.03 -0.43 -0.06	18.00 -0.44 -0.05	18.24 -0.45 -0.05	18.33 -0.47 -0.10	19.20 -0.53 -0.06	18.97 -0.62 -0.14	19.24 -0.63 -0.13	20.19 -0.67 -0.06	20.62 -0.67 -0.31	21.03 -0.55 -0.51	23.20 -0.61 -0.27	20.91 -0.57 -0.29	20.90 -0.60 -0.10	20.32 -0.69 -0.03	19.13 -0.67 -0.04	16.72 -0.39 -0.18
ROCHESRG_115KV_T4 355643	20.18 0.24 -0.09	15.01 0.30 -0.57	12.57 0.23 -0.75	12.48 0.27 -0.61	12.66 0.26 -0.68	17.32 0.27 -0.18	17.69 0.07 0.00	17.59 0.07 0.00	17.52 -0.02 -0.14	18.48 -0.02 -0.10	18.74 -0.02 -0.12	18.90 -0.02 -0.22	19.90 0.10 -0.13	19.82 0.06 -0.30	20.19 0.16 -0.29	21.13 0.21 -0.12	21.84 0.17 -0.69	22.57 0.36 -1.15	24.49 0.35 -0.60	22.16 0.32 -0.65	22.01 0.39 -0.22	21.21 0.17 -0.07	19.89 0.04 -0.10	17.87 0.54 -0.39
ROCHESTER_9_IC 23652	20.28 0.34 -0.09	15.10 0.38 -0.57	12.63 0.29 -0.76	12.54 0.32 -0.61	12.72 0.32 -0.69	17.42 0.37 -0.18	17.78 0.16 0.00	17.68 0.16 0.00	17.61 0.07 -0.14	18.57 0.07 -0.11	18.83 0.07 -0.12	19.02 0.09 -0.22	20.02 0.22 -0.13	19.96 0.19 -0.30	20.31 0.28 -0.29	21.26 0.33 -0.12	21.97 0.29 -0.70	22.70 0.48 -1.15	24.64 0.49 -0.60	22.31 0.47 -0.65	22.14 0.51 -0.22	21.34 0.29 -0.07	20.01 0.16 -0.10	17.97 0.64 -0.39
ROCKVIEW_13_KV_LD 356306	21.90 1.25 -0.80	20.01 0.93 -4.93	18.97 0.82 -6.55	17.72 0.81 -5.30	18.45 0.77 -5.96	19.01 1.08 -1.06	18.79 1.16 0.00	18.77 1.24 0.00	19.53 1.29 -0.84	20.40 1.38 -0.63	20.81 1.45 -0.72	21.51 1.48 -1.33	22.12 1.65 -0.80	22.95 1.67 -1.81	23.14 1.68 -1.71	23.35 1.81 -0.74	27.04 1.91 -4.16	29.93 1.98 -6.89	29.30 2.17 -3.60	27.00 1.91 -3.90	24.57 1.86 -1.30	23.18 1.78 -0.42	21.97 1.64 -0.57	20.62 1.34 -2.35
ROME____115KV_TB2 80656	20.41 0.52 -0.04	14.77 0.38 -0.24	12.22 0.31 -0.32	12.08 0.22 -0.26	12.28 0.28 -0.29	17.44 0.46 -0.11	18.10 0.48 0.00	17.92 0.40 0.00	17.82 0.33 -0.09	18.76 0.29 -0.07	19.01 0.30 -0.08	19.11 0.26 -0.14	20.07 0.31 -0.09	19.93 0.27 -0.20	20.29 0.36 -0.18	21.30 0.42 -0.08	21.87 0.44 -0.45	22.46 0.65 -0.74	24.75 0.82 -0.39	22.33 0.72 -0.42	22.25 0.71 -0.14	21.53 0.50 -0.05	20.13 0.32 -0.06	17.69 0.51 -0.25
ROSETON__1 23587	21.62 0.97 -0.80	19.81 0.74 -4.93	18.77 0.63 -6.55	17.53 0.63 -5.30	18.28 0.61 -5.96	18.78 0.84 -1.06	18.54 0.92 0.00	18.48 0.96 0.00	19.22 0.97 -0.84	20.07 1.05 -0.63	20.45 1.10 -0.72	21.15 1.12 -1.33	21.71 1.24 -0.80	22.54 1.26 -1.81	22.74 1.28 -1.71	22.93 1.39 -0.74	26.54 1.41 -4.16	29.43 1.47 -6.89	28.74 1.60 -3.60	26.51 1.42 -3.90	24.12 1.41 -1.30	22.78 1.38 -0.42	21.61 1.28 -0.57	20.31 1.03 -2.35
ROSETON__2 23588	21.62 0.97 -0.80	19.81 0.74 -4.93	18.77 0.63 -6.55	17.53 0.63 -5.30	18.28 0.61 -5.96	18.78 0.84 -1.06	18.54 0.92 0.00	18.48 0.96 0.00	19.22 0.97 -0.84	20.07 1.05 -0.63	20.45 1.10 -0.72	21.15 1.12 -1.33	21.71 1.24 -0.80	22.54 1.26 -1.81	22.74 1.28 -1.71	22.93 1.39 -0.74	26.54 1.41 -4.16	29.43 1.47 -6.89	28.74 1.60 -3.60	26.51 1.42 -3.90	24.12 1.41 -1.30	22.78 1.38 -0.42	21.61 1.28 -0.57	20.31 1.03 -2.35
ROTTDAM_115KV_TB3 80664	21.86 0.93 -1.08	21.48 0.66 -6.66	20.98 0.53 -8.85	19.29 0.52 -7.16	20.32 0.55 -8.05	19.10 0.81 -1.42	18.49 0.86 0.00	18.38 0.86 0.00	19.38 0.85 -1.13	20.14 0.90 -0.84	20.51 0.91 -0.96	21.39 0.90 -1.79	21.74 1.00 -1.07	22.89 0.99 -2.43	23.09 1.05 -2.30	22.92 1.12 -0.99	27.69 1.13 -5.58	31.51 1.20 -9.24	29.71 1.34 -4.83	27.65 1.23 -5.23	24.39 1.24 -1.74	22.69 1.15 -0.56	21.55 1.03 -0.77	20.98 0.90 -3.15
RUSSELL__1 23602	20.38 0.44 -0.09	15.15 0.44 -0.57	12.68 0.34 -0.76	12.59 0.37 -0.61	12.77 0.36 -0.69	17.47 0.42 -0.18	17.85 0.23 0.00	17.75 0.23 0.00	17.68 0.14 -0.14	18.66 0.17 -0.11	18.92 0.17 -0.12	19.11 0.19 -0.22	20.12 0.31 -0.13	20.06 0.29 -0.30	20.41 0.38 -0.29	21.36 0.44 -0.12	22.09 0.42 -0.70	22.81 0.59 -1.15	24.78 0.64 -0.60	22.42 0.57 -0.65	22.27 0.64 -0.22	21.45 0.40 -0.07	20.09 0.24 -0.10	18.05 0.73 -0.39
RUSSELL__2 23532	20.38 0.44 -0.09	15.15 0.44 -0.57	12.68 0.34 -0.76	12.59 0.37 -0.61	12.77 0.36 -0.69	17.47 0.42 -0.18	17.85 0.23 0.00	17.75 0.23 0.00	17.68 0.14 -0.14	18.66 0.17 -0.11	18.92 0.17 -0.12	19.11 0.19 -0.22	20.12 0.31 -0.13	20.06 0.29 -0.30	20.41 0.38 -0.29	21.36 0.44 -0.12	22.09 0.42 -0.70	22.81 0.59 -1.15	24.78 0.64 -0.60	22.42 0.57 -0.65	22.27 0.64 -0.22	21.45 0.40 -0.07	20.09 0.24 -0.10	18.05 0.73 -0.39
RUSSELL__3 23549	20.38 0.44 -0.09	15.15 0.44 -0.57	12.68 0.34 -0.76	12.59 0.37 -0.61	12.77 0.36 -0.69	17.47 0.42 -0.18	17.85 0.23 0.00	17.75 0.23 0.00	17.68 0.14 -0.14	18.66 0.17 -0.11	18.92 0.17 -0.12	19.11 0.19 -0.22	20.12 0.31 -0.13	20.06 0.29 -0.30	20.41 0.38 -0.29	21.36 0.44 -0.12	22.09 0.42 -0.70	22.81 0.59 -1.15	24.78 0.64 -0.60	22.42 0.57 -0.65	22.27 0.64 -0.22	21.45 0.40 -0.07	20.09 0.24 -0.10	18.05 0.73 -0.39

RUSSELL___4 23556	20.38 0.44 -0.09	15.15 0.44 -0.57	12.68 0.34 -0.76	12.59 0.37 -0.61	12.77 0.36 -0.69	17.47 0.42 -0.18	17.85 0.23 0.00	17.75 0.23 0.00	17.68 0.14 -0.14	18.66 0.17 -0.11	18.92 0.17 -0.12	19.11 0.19 -0.22	20.12 0.31 -0.13	20.06 0.29 -0.30	20.41 0.38 -0.29	21.36 0.44 -0.12	22.09 0.42 -0.70	22.81 0.59 -1.15	24.78 0.64 -0.60	22.42 0.57 -0.65	22.27 0.64 -0.22	21.45 0.40 -0.07	20.09 0.24 -0.10	18.05 0.73 -0.39
RUSSELL___STATION 23914	20.38 0.44 -0.09	15.15 0.44 -0.57	12.68 0.34 -0.76	12.59 0.37 -0.61	12.77 0.36 -0.69	17.47 0.42 -0.18	17.85 0.23 0.00	17.75 0.23 0.00	17.68 0.14 -0.14	18.66 0.17 -0.11	18.92 0.17 -0.12	19.11 0.19 -0.22	20.12 0.31 -0.13	20.06 0.29 -0.30	20.41 0.38 -0.29	21.36 0.44 -0.12	22.09 0.42 -0.70	22.81 0.59 -1.15	24.78 0.64 -0.60	22.42 0.57 -0.65	22.27 0.64 -0.22	21.45 0.40 -0.07	20.09 0.24 -0.10	18.05 0.73 -0.39
S SALMON___HYD 24043	19.77 -0.14 -0.06	14.42 -0.07 -0.34	11.99 -0.06 -0.46	11.90 -0.08 -0.37	12.06 -0.07 -0.42	16.93 -0.07 -0.13	17.55 -0.07 0.00	17.42 -0.10 0.00	17.34 -0.16 -0.10	18.29 -0.18 -0.08	18.52 -0.20 -0.09	18.64 -0.22 -0.16	19.51 -0.26 -0.10	19.39 -0.29 -0.22	19.70 -0.26 -0.21	20.66 -0.23 -0.09	21.27 -0.21 -0.50	21.86 -0.04 -0.83	24.00 0.02 -0.44	21.69 0.02 -0.47	21.61 0.04 -0.16	20.88 -0.15 -0.05	19.59 -0.24 -0.07	17.27 0.05 -0.28
S.PERRY___115KV_TB1 80734	20.74 0.75 -0.13	15.64 0.69 -0.80	13.19 0.54 -1.06	13.04 0.58 -0.86	13.26 0.59 -0.96	17.82 0.73 -0.22	18.33 0.70 0.00	18.15 0.63 0.00	17.84 0.26 -0.18	18.62 0.09 -0.13	18.71 -0.07 -0.15	18.89 -0.09 -0.28	19.86 0.02 -0.17	19.79 -0.06 -0.38	20.19 0.08 -0.36	21.14 0.19 -0.16	22.06 0.21 -0.88	23.11 0.59 -1.45	25.15 0.85 -0.76	23.01 1.00 -0.82	22.88 1.20 -0.27	21.95 0.88 -0.09	20.49 0.61 -0.12	18.53 1.10 -0.50
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.03 0.06 -0.12	15.13 0.24 -0.74	12.80 0.23 -0.98	12.70 0.30 -0.79	12.90 0.29 -0.89	17.25 0.17 -0.21	17.73 0.11 0.00	17.57 0.05 0.00	17.22 -0.35 -0.17	18.13 -0.39 -0.13	18.31 -0.47 -0.14	18.52 -0.45 -0.27	19.57 -0.26 -0.16	19.53 -0.29 -0.36	19.95 -0.14 -0.34	20.93 -0.02 -0.15	21.68 -0.13 -0.83	22.57 0.13 -1.38	24.24 -0.02 -0.72	22.04 0.06 -0.78	21.79 0.13 -0.26	20.98 -0.08 -0.08	19.69 -0.18 -0.11	17.89 0.49 -0.47
SAWYER___23_KV_LOAD 55526	20.03 0.06 -0.12	15.13 0.24 -0.74	12.80 0.23 -0.98	12.70 0.30 -0.79	12.90 0.29 -0.89	17.25 0.17 -0.21	17.73 0.11 0.00	17.57 0.05 0.00	17.22 -0.35 -0.17	18.13 -0.39 -0.13	18.31 -0.47 -0.14	18.52 -0.45 -0.27	19.57 -0.26 -0.16	19.53 -0.29 -0.36	19.95 -0.14 -0.34	20.93 -0.02 -0.15	21.68 -0.13 -0.83	22.57 0.13 -1.38	24.24 -0.02 -0.72	22.04 0.06 -0.78	21.79 0.13 -0.26	20.98 -0.08 -0.08	19.69 -0.18 -0.11	17.89 0.49 -0.47
SELKIRK___I 23801	21.63 0.77 -1.00	20.91 0.55 -6.21	20.29 0.45 -8.25	18.73 0.45 -6.67	19.68 0.47 -7.50	18.94 0.74 -1.33	18.42 0.79 0.00	18.27 0.75 0.00	19.18 0.73 -1.05	19.93 0.75 -0.79	20.28 0.75 -0.90	21.10 0.73 -1.67	21.49 0.83 -1.00	22.57 0.84 -2.27	22.76 0.87 -2.14	22.66 0.94 -0.93	27.10 0.92 -5.20	30.67 0.99 -8.61	29.15 1.11 -4.50	27.09 1.02 -4.88	24.08 1.05 -1.62	22.44 0.94 -0.52	21.34 0.87 -0.71	20.61 0.74 -2.94
SELKIRK___II 23799	21.47 0.60 -1.02	20.88 0.44 -6.29	20.31 0.36 -8.36	18.73 0.36 -6.76	19.69 0.37 -7.60	18.81 0.59 -1.34	18.26 0.63 0.00	18.13 0.61 0.00	19.07 0.61 -1.07	19.83 0.64 -0.80	20.16 0.61 -0.91	21.00 0.62 -1.69	21.39 0.71 -1.01	22.48 0.72 -2.30	22.67 0.75 -2.17	22.55 0.81 -0.94	27.04 0.80 -5.27	30.66 0.86 -8.73	29.04 0.94 -4.56	27.00 0.87 -4.94	23.93 0.88 -1.65	22.32 0.82 -0.53	21.23 0.75 -0.72	20.52 0.61 -2.98
SENECA OSWGO___HYD 24041	19.90 -0.02 -0.06	14.58 0.04 -0.39	12.13 0.02 -0.51	12.05 0.02 -0.42	12.22 0.04 -0.47	17.06 0.05 -0.14	17.71 0.09 0.00	17.63 0.11 0.00	17.53 0.02 -0.11	18.49 0.02 -0.08	18.77 0.04 -0.09	18.89 0.02 -0.17	19.77 0.00 -0.10	19.64 -0.06 -0.24	19.95 -0.02 -0.22	20.92 0.02 -0.10	21.52 0.00 -0.54	22.09 0.13 -0.90	24.18 0.17 -0.47	21.83 0.13 -0.51	21.73 0.15 -0.17	21.03 0.00 -0.05	19.77 -0.06 -0.07	17.44 0.20 -0.31
SENECA___115KV_TB3 355854	20.06 0.08 -0.12	15.19 0.27 -0.77	12.87 0.25 -1.02	12.77 0.34 -0.83	12.96 0.32 -0.93	17.29 0.20 -0.22	17.91 0.28 0.00	17.77 0.25 0.00	17.28 -0.30 -0.17	18.19 -0.33 -0.13	18.37 -0.41 -0.15	18.58 -0.39 -0.27	19.66 -0.18 -0.16	19.60 -0.23 -0.37	20.06 -0.04 -0.35	21.04 0.08 -0.15	21.81 -0.02 -0.86	22.74 0.25 -1.42	24.38 0.09 -0.74	22.17 0.17 -0.80	21.93 0.26 -0.27	21.08 0.02 -0.09	19.78 -0.10 -0.12	17.94 0.52 -0.48
SENECA___ENERGY 23797	20.11 0.16 -0.10	14.93 0.18 -0.60	12.53 0.14 -0.80	12.42 0.16 -0.65	12.61 0.16 -0.73	17.26 0.20 -0.18	17.89 0.26 0.00	17.78 0.26 0.00	17.65 0.11 -0.15	18.61 0.11 -0.11	18.87 0.11 -0.12	19.03 0.09 -0.23	19.91 0.10 -0.14	19.85 0.08 -0.31	20.20 0.16 -0.30	21.16 0.23 -0.13	21.93 0.23 -0.72	22.70 0.44 -1.19	24.68 0.52 -0.62	22.31 0.45 -0.67	22.12 0.49 -0.22	21.30 0.25 -0.07	19.99 0.14 -0.10	17.78 0.44 -0.41
SHOEMAKER___GT 23640	21.38 0.81 -0.71	19.14 0.62 -4.38	17.94 0.53 -5.81	16.86 0.55 -4.70	17.53 0.53 -5.29	18.58 0.76 -0.94	18.42 0.79 0.00	18.33 0.81 0.00	18.95 0.80 -0.75	19.80 0.85 -0.56	20.15 0.88 -0.64	20.78 0.90 -1.19	21.38 1.00 -0.71	22.09 1.01 -1.62	22.32 1.05 -1.53	22.60 1.14 -0.66	25.83 1.15 -3.70	28.42 1.22 -6.14	28.06 1.32 -3.20	25.85 1.19 -3.47	23.76 1.20 -1.16	22.52 1.17 -0.37	21.33 1.07 -0.51	19.90 0.88 -2.09
SHOEMAKR_138KV_BK 111 55601	21.37 0.81 -0.70	19.10 0.62 -4.34	17.88 0.53 -5.76	16.81 0.55 -4.66	17.48 0.53 -5.24	18.53 0.73 -0.94	18.42 0.79 0.00	18.33 0.81 0.00	18.94 0.80 -0.74	19.81 0.86 -0.55	20.16 0.89 -0.63	20.79 0.92 -1.18	21.40 1.02 -0.71	22.09 1.03 -1.60	22.33 1.07 -1.51	22.62 1.16 -0.65	25.82 1.17 -3.67	28.37 1.22 -6.08	28.06 1.34 -3.18	25.82 1.19 -3.44	23.77 1.22 -1.15	22.54 1.20 -0.37	21.33 1.07 -0.50	19.90 0.90 -2.07
SHOREHAM_IC_1 23715	27.24 2.24 -5.14	22.55 1.64 -6.76	19.59 1.42 -6.57	18.30 1.39 -5.30	18.92 1.24 -5.96	19.57 1.64 -1.06	19.55 1.92 0.00	19.45 1.93 0.00	20.33 2.09 -0.84	21.64 2.22 -1.02	24.66 2.24 -3.79	25.39 2.30 -4.38	28.22 2.52 -6.03	35.18 2.53 -13.19	36.28 2.57 -13.96	38.22 2.77 -14.66	46.28 2.79 -22.51	40.61 2.97 -16.57	48.73 3.25 -21.94	38.26 2.93 -14.14	38.23 2.89 -13.94	35.23 2.79 -11.46	33.40 2.73 -10.92	23.46 2.27 -4.26
SHOREHAM_IC_2 23716	27.24 2.24 -5.14	22.55 1.64 -6.76	19.59 1.42 -6.57	18.30 1.39 -5.30	18.92 1.24 -5.96	19.57 1.64 -1.06	19.55 1.92 0.00	19.45 1.93 0.00	20.33 2.09 -0.84	21.64 2.22 -1.02	24.66 2.24 -3.79	25.39 2.30 -4.38	28.22 2.52 -6.03	35.18 2.53 -13.19	36.28 2.57 -13.96	38.22 2.77 -14.66	46.28 2.79 -22.51	40.61 2.97 -16.57	48.73 3.25 -21.94	38.26 2.93 -14.14	38.23 2.89 -13.94	35.23 2.79 -11.46	33.40 2.73 -10.92	23.46 2.27 -4.26

SISSONVILLE____ 23735	18.48 -1.37 0.00	13.11 -1.03 0.00	10.72 -0.87 0.00	10.69 -0.92 0.00	10.81 -0.90 0.00	15.87 -1.05 -0.04	16.50 -1.13 0.00	16.37 -1.16 0.00	16.39 -1.04 -0.03	17.30 -1.12 -0.02	17.47 -1.19 -0.03	17.58 -1.18 -0.05	18.28 -1.42 -0.03	18.27 -1.27 -0.07	18.41 -1.40 -0.07	19.25 -1.58 -0.03	19.59 -1.55 -0.16	19.71 -1.62 -0.27	21.99 -1.69 -0.14	19.86 -1.48 -0.15	19.94 -1.52 -0.05	19.52 -1.47 -0.02	18.48 -1.30 -0.02	15.74 -1.29 -0.09
SITHE_IND_GS1 24169	19.58 -0.32 -0.05	14.26 -0.18 -0.29	11.83 -0.15 -0.39	11.76 -0.16 -0.32	11.92 -0.15 -0.36	16.79 -0.20 -0.12	17.41 -0.21 0.00	17.31 -0.21 0.00	17.23 -0.26 -0.09	18.19 -0.28 -0.07	18.44 -0.28 -0.08	18.57 -0.28 -0.15	19.42 -0.33 -0.09	19.28 -0.39 -0.20	19.58 -0.35 -0.19	20.53 -0.35 -0.08	21.08 -0.36 -0.46	21.58 -0.25 -0.77	23.66 -0.28 -0.40	21.35 -0.28 -0.44	21.30 -0.26 -0.15	20.65 -0.38 -0.05	19.44 -0.38 -0.06	17.13 -0.07 -0.26
SITHE_IND_GS2 24170	19.58 -0.32 -0.05	14.26 -0.18 -0.29	11.83 -0.15 -0.39	11.76 -0.16 -0.32	11.92 -0.15 -0.36	16.79 -0.20 -0.12	17.41 -0.21 0.00	17.31 -0.21 0.00	17.23 -0.26 -0.09	18.19 -0.28 -0.07	18.44 -0.28 -0.08	18.57 -0.28 -0.15	19.42 -0.33 -0.09	19.28 -0.39 -0.20	19.58 -0.35 -0.19	20.53 -0.35 -0.08	21.08 -0.36 -0.46	21.58 -0.25 -0.77	23.66 -0.28 -0.40	21.35 -0.28 -0.44	21.30 -0.26 -0.15	20.65 -0.38 -0.05	19.44 -0.38 -0.06	17.13 -0.07 -0.26
SITHE_IND_GS3 24171	19.58 -0.32 -0.05	14.26 -0.18 -0.29	11.83 -0.15 -0.39	11.76 -0.16 -0.32	11.92 -0.15 -0.36	16.79 -0.20 -0.12	17.41 -0.21 0.00	17.31 -0.21 0.00	17.23 -0.26 -0.09	18.19 -0.28 -0.07	18.44 -0.28 -0.08	18.57 -0.28 -0.15	19.42 -0.33 -0.09	19.28 -0.39 -0.20	19.58 -0.35 -0.19	20.53 -0.35 -0.08	21.08 -0.36 -0.46	21.58 -0.25 -0.77	23.66 -0.28 -0.40	21.35 -0.28 -0.44	21.30 -0.26 -0.15	20.65 -0.38 -0.05	19.44 -0.38 -0.06	17.13 -0.07 -0.26
SITHE_IND_GS4 24172	19.58 -0.32 -0.05	14.26 -0.18 -0.29	11.83 -0.15 -0.39	11.76 -0.16 -0.32	11.92 -0.15 -0.36	16.79 -0.20 -0.12	17.41 -0.21 0.00	17.31 -0.21 0.00	17.23 -0.26 -0.09	18.19 -0.28 -0.07	18.44 -0.28 -0.08	18.57 -0.28 -0.15	19.42 -0.33 -0.09	19.28 -0.39 -0.20	19.58 -0.35 -0.19	20.53 -0.35 -0.08	21.08 -0.36 -0.46	21.58 -0.25 -0.77	23.66 -0.28 -0.40	21.35 -0.28 -0.44	21.30 -0.26 -0.15	20.65 -0.38 -0.05	19.44 -0.38 -0.06	17.13 -0.07 -0.26
SITHE____BATAVIA 24024	20.44 0.48 -0.11	15.33 0.52 -0.66	12.88 0.42 -0.87	12.78 0.46 -0.70	12.98 0.47 -0.79	17.54 0.47 -0.20	17.96 0.33 0.00	17.82 0.30 0.00	17.55 0.00 -0.15	18.49 -0.02 -0.12	18.69 -0.07 -0.13	18.89 -0.06 -0.25	19.86 0.04 -0.15	19.89 0.10 -0.33	20.28 0.22 -0.32	21.27 0.33 -0.14	22.01 0.27 -0.77	22.86 0.53 -1.27	24.74 0.54 -0.66	22.48 0.57 -0.72	22.31 0.66 -0.24	21.45 0.40 -0.08	20.08 0.22 -0.11	18.19 0.83 -0.43
SITHE____INDEPEND 23800	19.58 -0.32 -0.05	14.26 -0.18 -0.29	11.83 -0.15 -0.39	11.76 -0.16 -0.32	11.92 -0.15 -0.36	16.80 -0.19 -0.12	17.41 -0.21 0.00	17.31 -0.21 0.00	17.23 -0.26 -0.09	18.19 -0.28 -0.07	18.44 -0.28 -0.08	18.57 -0.28 -0.15	19.46 -0.30 -0.09	19.28 -0.39 -0.20	19.58 -0.36 -0.19	20.53 -0.35 -0.08	21.09 -0.36 -0.46	21.58 -0.25 -0.77	23.66 -0.28 -0.40	21.35 -0.28 -0.44	21.29 -0.26 -0.15	20.65 -0.38 -0.05	19.43 -0.40 -0.06	17.13 -0.07 -0.26
SITHE____MASSENA 23902	19.18 -0.68 0.00	13.64 -0.51 0.00	11.15 -0.44 0.00	11.15 -0.45 0.00	11.26 -0.46 0.00	16.44 -0.45 -0.03	17.15 -0.48 0.00	17.03 -0.49 0.00	17.00 -0.42 -0.02	17.95 -0.46 -0.02	18.17 -0.48 -0.02	18.27 -0.47 -0.03	19.14 -0.55 -0.02	19.00 -0.51 -0.04	19.16 -0.63 -0.04	20.05 -0.77 -0.02	20.32 -0.75 -0.10	20.39 -0.84 -0.17	22.76 -0.87 -0.09	20.54 -0.74 -0.09	20.67 -0.77 -0.03	20.30 -0.69 -0.01	19.18 -0.59 -0.01	16.35 -0.64 -0.06
SITHE____OGDNSBRG 24021	19.06 -0.79 0.00	13.54 -0.61 0.00	11.06 -0.53 0.00	11.03 -0.58 0.00	11.16 -0.55 0.00	16.37 -0.54 -0.04	17.02 -0.60 0.00	16.87 -0.65 0.00	16.84 -0.59 -0.03	17.77 -0.64 -0.02	17.97 -0.69 -0.02	18.05 -0.69 -0.04	18.81 -0.89 -0.03	18.78 -0.74 -0.06	18.95 -0.85 -0.06	19.81 -1.02 -0.02	20.11 -1.01 -0.14	20.24 -1.05 -0.23	22.60 -1.06 -0.12	20.45 -0.87 -0.13	20.53 -0.92 -0.04	20.15 -0.84 -0.01	19.04 -0.73 -0.02	16.18 -0.83 -0.08
SITHE____STERLING 23777	20.36 0.46 -0.04	14.78 0.35 -0.28	12.25 0.29 -0.37	12.14 0.23 -0.30	12.33 0.28 -0.34	17.40 0.40 -0.12	18.10 0.48 0.00	17.94 0.42 0.00	17.83 0.33 -0.10	18.78 0.31 -0.07	19.03 0.32 -0.08	19.15 0.30 -0.15	20.07 0.31 -0.09	19.98 0.31 -0.21	20.32 0.37 -0.20	21.32 0.44 -0.09	21.90 0.44 -0.48	22.51 0.65 -0.80	24.73 0.78 -0.42	22.32 0.68 -0.45	22.24 0.68 -0.15	21.53 0.50 -0.05	20.20 0.37 -0.07	17.73 0.53 -0.27
SLEIGHT__34_KV_TB1 80719	20.58 0.64 -0.09	15.23 0.52 -0.56	12.74 0.41 -0.75	12.63 0.42 -0.61	12.84 0.45 -0.68	17.67 0.62 -0.18	18.33 0.70 0.00	18.26 0.74 0.00	18.17 0.63 -0.14	19.18 0.68 -0.10	19.48 0.73 -0.12	19.61 0.69 -0.22	20.57 0.77 -0.13	20.46 0.70 -0.30	20.78 0.75 -0.28	21.75 0.83 -0.12	22.51 0.84 -0.69	23.24 1.03 -1.14	25.34 1.20 -0.60	22.84 1.00 -0.65	22.67 1.05 -0.22	21.80 0.76 -0.07	20.42 0.57 -0.09	18.19 0.86 -0.39
SOUTH CAIRO____GT 23612	21.88 1.07 -0.96	20.78 0.71 -5.93	20.00 0.53 -7.88	18.54 0.56 -6.37	19.51 0.63 -7.16	19.17 1.03 -1.27	18.79 1.16 0.00	18.56 1.03 0.00	19.26 0.85 -1.01	20.01 0.86 -0.75	20.29 0.80 -0.86	21.10 0.80 -1.59	21.49 0.86 -0.96	22.51 0.88 -2.17	22.71 0.91 -2.05	22.71 1.02 -0.89	26.91 0.97 -4.97	30.36 1.05 -8.24	29.14 1.29 -4.30	27.15 1.29 -4.66	24.37 1.41 -1.55	22.76 1.28 -0.50	21.55 1.11 -0.68	20.67 0.93 -2.81
SOUTH HAMPTN____IC 23720	27.62 2.62 -5.14	22.81 1.90 -6.76	19.78 1.62 -6.57	18.52 1.61 -5.30	19.12 1.44 -5.96	19.86 1.92 -1.06	19.84 2.22 0.00	19.75 2.23 0.00	20.64 2.40 -0.84	22.01 2.59 -1.02	25.05 2.63 -3.79	25.80 2.71 -4.38	28.57 2.95 -5.95	35.27 2.98 -12.83	36.36 3.04 -13.58	38.27 3.29 -14.19	46.07 3.29 -21.80	41.04 3.52 -16.46	48.60 3.86 -21.20	38.40 3.43 -13.78	38.26 3.38 -13.47	35.33 3.25 -11.10	33.44 3.12 -10.57	23.80 2.61 -4.26
SOUTHDOW_115KV_TB1 355954	20.34 0.36 -0.13	15.46 0.50 -0.82	13.14 0.46 -1.09	13.12 0.63 -0.88	13.32 0.61 -0.99	17.71 0.61 -0.23	18.43 0.81 0.00	18.38 0.86 0.00	17.72 0.14 -0.18	18.62 0.09 -0.14	18.75 -0.04 -0.15	18.97 -0.02 -0.29	20.12 0.28 -0.17	20.05 0.19 -0.39	20.51 0.39 -0.37	21.56 0.60 -0.16	22.40 0.52 -0.90	23.37 0.82 -1.49	25.02 0.71 -0.78	22.80 0.76 -0.84	22.54 0.86 -0.28	21.72 0.65 -0.09	20.33 0.45 -0.12	18.37 0.93 -0.51
SOUTHOLD_69_KV_BK 2 55809	28.07 3.08 -5.14	23.15 2.24 -6.76	20.05 1.89 -6.57	18.77 1.86 -5.30	19.36 1.69 -5.96	20.23 2.29 -1.06	20.23 2.61 0.00	20.13 2.61 0.00	21.06 2.82 -0.84	22.47 3.05 -1.02	25.54 3.11 -3.79	26.30 3.22 -4.38	29.18 3.56 -5.95	35.84 3.54 -12.83	36.96 3.63 -13.58	38.95 3.95 -14.19	46.85 4.07 -21.81	41.75 4.23 -16.46	49.40 4.66 -21.20	39.09 4.11 -13.78	38.88 4.00 -13.48	35.90 3.82 -11.10	33.96 3.64 -10.57	24.24 3.05 -4.26

SOUTHOLD___IC 23719	28.09 3.10 -5.14	23.15 2.23 -6.76	20.05 1.89 -6.57	18.77 1.86 -5.30	19.36 1.69 -5.96	20.19 2.26 -1.06	20.23 2.61 0.00	20.13 2.61 0.00	21.06 2.82 -0.84	22.47 3.05 -1.02	25.54 3.11 -3.79	26.30 3.22 -4.38	29.14 3.52 -5.95	35.84 3.54 -12.83	36.96 3.63 -13.58	38.95 3.95 -14.19	46.73 3.94 -21.81	41.76 4.23 -16.46	49.40 4.66 -21.20	39.07 4.09 -13.78	38.88 4.00 -13.48	35.90 3.82 -11.10	33.98 3.65 -10.57	24.24 3.05 -4.26
SPIERFLS_115KV_TB 1 80737	22.51 1.59 -1.06	21.82 1.09 -6.59	21.18 0.85 -8.75	19.54 0.86 -7.08	20.54 0.87 -7.96	19.58 1.30 -1.41	19.03 1.41 0.00	18.96 1.44 0.00	19.94 1.43 -1.12	20.72 1.49 -0.83	21.08 1.49 -0.95	21.74 1.27 -1.77	22.14 1.42 -1.06	23.23 1.36 -2.40	23.60 1.58 -2.27	23.51 1.73 -0.98	28.21 1.72 -5.51	31.99 1.79 -9.14	30.43 2.12 -4.77	28.33 1.97 -5.17	25.16 2.03 -1.72	23.33 1.80 -0.55	22.11 1.60 -0.76	21.40 1.35 -3.11
ST LAWRENCE___ 23600	19.18 -0.68 0.00	13.62 -0.52 0.00	11.15 -0.44 0.00	11.15 -0.45 0.00	11.26 -0.46 0.00	16.39 -0.51 -0.02	17.08 -0.55 0.00	16.98 -0.54 0.00	16.93 -0.49 -0.02	17.87 -0.53 -0.01	18.09 -0.56 -0.02	18.19 -0.54 -0.03	19.08 -0.61 -0.02	18.92 -0.58 -0.04	19.13 -0.65 -0.04	20.09 -0.73 -0.02	20.35 -0.71 -0.09	20.39 -0.82 -0.15	22.75 -0.87 -0.08	20.51 -0.76 -0.08	20.64 -0.79 -0.03	20.29 -0.69 -0.01	19.16 -0.61 -0.01	16.32 -0.66 -0.05
STATE_CA_115KV_115_LB 55624	21.54 0.66 -1.03	21.02 0.47 -6.40	20.47 0.37 -8.51	18.86 0.37 -6.88	19.85 0.40 -7.74	18.86 0.62 -1.37	18.31 0.69 0.00	18.19 0.67 0.00	19.15 0.66 -1.09	19.90 0.70 -0.81	20.23 0.67 -0.93	21.09 0.67 -1.72	21.49 0.79 -1.03	22.60 0.80 -2.34	22.77 0.81 -2.21	22.63 0.87 -0.96	27.20 0.86 -5.36	30.85 0.91 -8.88	29.19 1.01 -4.64	27.13 0.91 -5.03	24.02 0.94 -1.68	22.38 0.86 -0.54	21.26 0.77 -0.74	20.59 0.63 -3.03
STATE_ST_34_KV_LOAD 55959	20.31 0.36 -0.10	15.04 0.30 -0.59	12.61 0.23 -0.79	12.58 0.34 -0.64	12.69 0.26 -0.72	17.42 0.37 -0.18	18.06 0.44 0.00	17.99 0.47 0.00	17.91 0.37 -0.14	18.89 0.39 -0.11	19.17 0.41 -0.12	19.34 0.41 -0.23	20.26 0.45 -0.14	20.16 0.39 -0.31	20.49 0.45 -0.29	21.45 0.52 -0.13	22.21 0.52 -0.71	22.94 0.70 -1.18	24.96 0.80 -0.62	22.54 0.68 -0.67	22.34 0.71 -0.22	21.53 0.48 -0.07	20.19 0.34 -0.10	17.93 0.59 -0.40
STATION 5_MISC_HYD 23604	20.30 0.36 -0.09	15.10 0.38 -0.57	12.63 0.29 -0.76	12.54 0.32 -0.61	12.72 0.32 -0.69	17.42 0.37 -0.18	17.78 0.16 0.00	17.68 0.16 0.00	17.61 0.07 -0.14	18.57 0.07 -0.11	18.83 0.07 -0.12	19.02 0.09 -0.22	19.96 0.16 -0.13	19.96 0.19 -0.30	20.31 0.28 -0.29	21.26 0.33 -0.12	21.97 0.29 -0.70	22.70 0.48 -1.15	24.64 0.50 -0.60	22.31 0.47 -0.65	22.16 0.54 -0.22	21.34 0.29 -0.07	20.01 0.16 -0.10	17.97 0.64 -0.39
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.28 0.34 -0.09	15.07 0.35 -0.57	12.61 0.27 -0.76	12.50 0.28 -0.61	12.70 0.29 -0.69	17.40 0.35 -0.18	17.91 0.28 0.00	17.82 0.30 0.00	17.73 0.19 -0.14	18.70 0.20 -0.11	18.98 0.22 -0.12	19.15 0.22 -0.22	20.12 0.31 -0.13	20.04 0.27 -0.30	20.39 0.36 -0.29	21.34 0.42 -0.12	22.07 0.40 -0.70	22.81 0.59 -1.15	24.80 0.66 -0.60	22.42 0.57 -0.65	22.24 0.62 -0.22	21.42 0.38 -0.07	20.07 0.22 -0.10	17.95 0.63 -0.39
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.16 0.22 -0.09	14.99 0.28 -0.56	12.54 0.20 -0.75	12.45 0.23 -0.61	12.62 0.22 -0.68	17.30 0.25 -0.18	17.68 0.05 0.00	17.57 0.05 0.00	17.52 -0.02 -0.14	18.50 0.00 -0.10	18.75 0.00 -0.12	18.94 0.02 -0.22	19.94 0.14 -0.13	19.86 0.10 -0.30	20.21 0.18 -0.29	21.15 0.23 -0.12	21.86 0.19 -0.69	22.59 0.38 -1.15	24.52 0.38 -0.60	22.18 0.34 -0.65	22.03 0.41 -0.22	21.21 0.17 -0.07	19.89 0.04 -0.10	17.85 0.52 -0.39
STA_56___34_KV_BUS2 355983	20.16 0.22 -0.09	14.99 0.28 -0.56	12.54 0.20 -0.75	12.45 0.23 -0.61	12.62 0.22 -0.68	17.30 0.25 -0.18	17.68 0.05 0.00	17.57 0.05 0.00	17.52 -0.02 -0.14	18.50 0.00 -0.10	18.75 0.00 -0.12	18.94 0.02 -0.22	19.94 0.14 -0.13	19.86 0.10 -0.30	20.21 0.18 -0.29	21.15 0.23 -0.12	21.86 0.19 -0.69	22.59 0.38 -1.15	24.52 0.38 -0.60	22.18 0.34 -0.65	22.03 0.41 -0.22	21.21 0.17 -0.07	19.89 0.04 -0.10	17.85 0.52 -0.39
STA_67___115KV_BK2 355882	20.24 0.30 -0.09	15.07 0.35 -0.57	12.61 0.27 -0.76	12.52 0.30 -0.61	12.69 0.29 -0.69	17.39 0.34 -0.18	17.76 0.14 0.00	17.64 0.12 0.00	17.58 0.03 -0.14	18.54 0.04 -0.11	18.79 0.04 -0.12	18.96 0.04 -0.22	19.98 0.18 -0.13	19.90 0.14 -0.30	20.25 0.22 -0.29	21.22 0.29 -0.12	21.92 0.25 -0.70	22.64 0.42 -1.15	24.59 0.45 -0.60	22.25 0.40 -0.65	22.09 0.47 -0.22	21.30 0.25 -0.07	19.97 0.12 -0.10	17.94 0.61 -0.39
STA_7___115KV_9TRANS 80674	20.38 0.44 -0.09	15.15 0.44 -0.57	12.68 0.34 -0.76	12.59 0.37 -0.61	12.77 0.36 -0.69	17.47 0.42 -0.18	17.85 0.23 0.00	17.75 0.23 0.00	17.68 0.14 -0.14	18.66 0.17 -0.11	18.92 0.17 -0.12	19.11 0.19 -0.22	20.12 0.31 -0.13	20.06 0.29 -0.30	20.41 0.38 -0.29	21.36 0.44 -0.12	22.09 0.42 -0.70	22.81 0.59 -1.15	24.78 0.64 -0.60	22.42 0.57 -0.65	22.27 0.64 -0.22	21.45 0.40 -0.07	20.09 0.24 -0.10	18.05 0.73 -0.39
STA_82___115KV_TB1 80780	20.26 0.32 -0.09	15.07 0.35 -0.57	12.63 0.28 -0.76	12.54 0.31 -0.61	12.71 0.30 -0.69	17.39 0.34 -0.18	17.76 0.14 0.00	17.66 0.14 0.00	17.58 0.03 -0.14	18.55 0.06 -0.11	18.81 0.06 -0.12	18.98 0.06 -0.22	19.98 0.18 -0.13	19.92 0.16 -0.30	20.27 0.24 -0.29	21.22 0.29 -0.12	21.93 0.25 -0.70	22.66 0.44 -1.16	24.59 0.45 -0.60	22.27 0.42 -0.66	22.12 0.49 -0.22	21.32 0.27 -0.07	19.97 0.12 -0.10	17.95 0.63 -0.39
STEEL___WIND 323596	20.06 0.08 -0.12	15.17 0.25 -0.77	12.86 0.24 -1.02	12.76 0.32 -0.83	12.95 0.30 -0.93	17.28 0.19 -0.22	17.89 0.26 0.00	17.75 0.23 0.00	17.28 -0.30 -0.17	18.19 -0.33 -0.13	18.35 -0.43 -0.15	18.56 -0.41 -0.27	19.52 -0.32 -0.16	19.58 -0.25 -0.37	20.04 -0.06 -0.35	21.02 0.06 -0.15	21.79 -0.04 -0.86	22.72 0.23 -1.42	24.35 0.07 -0.74	22.17 0.17 -0.80	21.91 0.24 -0.27	21.06 0.00 -0.09	19.78 -0.10 -0.12	17.92 0.51 -0.48
STEPHTWN_115KV_BK_2 55603	21.65 0.77 -1.02	21.02 0.55 -6.32	20.43 0.44 -8.40	18.83 0.43 -6.80	19.81 0.46 -7.64	18.95 0.73 -1.35	18.42 0.79 0.00	18.31 0.79 0.00	19.25 0.78 -1.07	20.02 0.83 -0.80	20.35 0.80 -0.91	21.20 0.80 -1.70	21.61 0.92 -1.02	22.69 0.91 -2.31	22.88 0.95 -2.18	22.76 1.02 -0.94	27.26 0.99 -5.29	30.89 1.05 -8.77	29.30 1.18 -4.58	27.22 1.06 -4.97	24.15 1.09 -1.65	22.49 0.99 -0.53	21.37 0.89 -0.73	20.65 0.73 -2.99
STEUBEN_REC_LFGE 323667	20.29 0.28 -0.16	15.53 0.38 -1.00	13.24 0.32 -1.32	13.06 0.38 -1.07	13.31 0.39 -1.20	17.49 0.35 -0.26	18.24 0.62 0.00	18.12 0.60 0.00	17.70 0.09 -0.21	18.61 0.06 -0.16	18.76 -0.06 -0.18	18.94 -0.09 -0.33	19.91 0.04 -0.20	19.91 0.00 -0.45	20.35 0.18 -0.43	21.32 0.33 -0.18	22.35 0.34 -1.03	23.47 0.70 -1.72	25.24 0.80 -0.90	22.93 0.76 -0.97	22.61 0.88 -0.32	21.63 0.55 -0.10	20.22 0.32 -0.14	18.31 0.80 -0.59

STONY___BROOK 24151	27.08 2.08 -5.14	22.44 1.53 -6.76	19.47 1.31 -6.57	18.23 1.32 -5.30	18.82 1.15 -5.96	19.48 1.55 -1.06	19.40 1.78 0.00	19.33 1.81 0.00	20.21 1.97 -0.84	21.53 2.11 -1.02	24.57 2.14 -3.79	25.27 2.19 -4.38	28.65 2.40 -6.58	37.47 2.39 -15.61	38.72 2.41 -16.56	41.16 2.58 -17.78	50.81 2.58 -27.25	41.42 2.61 -17.75	53.29 2.85 -26.90	40.38 2.65 -16.54	41.12 2.65 -17.06	37.42 2.58 -13.87	35.56 2.53 -13.27	23.29 2.10 -4.26
STURGEON_POOL_HYD 23609	21.55 0.87 -0.82	19.89 0.66 -5.08	18.93 0.59 -6.75	17.63 0.56 -5.46	18.43 0.57 -6.14	18.74 0.78 -1.09	18.52 0.90 0.00	18.45 0.93 0.00	19.15 0.89 -0.87	20.00 0.96 -0.65	20.38 1.01 -0.74	21.12 1.05 -1.37	21.65 1.16 -0.82	22.52 1.19 -1.87	22.70 1.18 -1.76	22.87 1.31 -0.76	26.60 1.34 -4.28	29.55 1.39 -7.09	28.75 1.51 -3.70	26.54 1.34 -4.01	24.09 1.35 -1.34	22.75 1.34 -0.43	21.57 1.22 -0.59	20.35 1.00 -2.42
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.50 0.91 -0.73	19.35 0.69 -4.51	18.18 0.60 -5.99	17.05 0.59 -4.85	17.75 0.59 -5.45	18.64 0.79 -0.97	18.50 0.88 0.00	18.43 0.91 0.00	19.09 0.92 -0.77	19.96 0.99 -0.58	20.34 1.04 -0.66	20.99 1.07 -1.22	21.58 1.18 -0.73	22.31 1.19 -1.66	22.54 1.22 -1.57	22.81 1.33 -0.68	26.13 1.34 -3.81	28.79 1.41 -6.32	28.35 1.51 -3.30	26.12 1.36 -3.57	23.97 1.37 -1.19	22.70 1.34 -0.38	21.49 1.21 -0.52	20.08 1.00 -2.15
SWANROAD_115KV_TB1 355699	19.73 -0.24 -0.11	14.88 0.03 -0.71	12.59 0.06 -0.94	12.49 0.12 -0.76	12.68 0.11 -0.86	17.01 -0.07 -0.21	17.38 -0.25 0.00	17.22 -0.30 0.00	16.94 -0.63 -0.16	17.84 -0.68 -0.12	18.01 -0.76 -0.14	18.21 -0.75 -0.26	19.23 -0.59 -0.16	19.19 -0.62 -0.35	19.61 -0.47 -0.33	20.57 -0.37 -0.14	21.28 -0.50 -0.81	22.17 -0.23 -1.34	23.82 -0.42 -0.70	21.63 -0.32 -0.76	21.42 -0.24 -0.25	20.62 -0.44 -0.08	19.35 -0.51 -0.11	17.63 0.24 -0.46
SYNERGY___BIOGAS 323694	20.44 0.48 -0.11	15.33 0.52 -0.66	12.88 0.42 -0.87	12.78 0.46 -0.70	12.98 0.47 -0.79	17.54 0.47 -0.20	17.96 0.33 0.00	17.82 0.30 0.00	17.55 0.00 -0.15	18.49 -0.02 -0.12	18.69 -0.07 -0.13	18.89 -0.06 -0.25	19.86 0.04 -0.15	19.89 0.10 -0.33	20.28 0.22 -0.32	21.27 0.33 -0.14	22.01 0.27 -0.77	22.86 0.53 -1.27	24.74 0.54 -0.66	22.48 0.57 -0.72	22.31 0.66 -0.24	21.45 0.40 -0.08	20.08 0.22 -0.11	18.19 0.83 -0.43
SYRACUSE___ENERGY_ST1 323597	20.11 0.18 -0.08	14.81 0.18 -0.48	12.37 0.14 -0.64	12.26 0.14 -0.52	12.46 0.16 -0.58	17.27 0.24 -0.16	17.91 0.28 0.00	17.82 0.30 0.00	17.73 0.21 -0.13	18.73 0.24 -0.09	19.00 0.26 -0.11	19.14 0.24 -0.20	20.06 0.28 -0.12	19.93 0.19 -0.27	20.24 0.24 -0.26	21.20 0.29 -0.11	21.89 0.29 -0.62	22.52 0.42 -1.03	24.57 0.49 -0.54	22.16 0.38 -0.58	22.01 0.41 -0.19	21.27 0.23 -0.06	19.98 0.14 -0.09	17.69 0.41 -0.35
SYRACUSE___ENERGY_ST2 323598	20.11 0.18 -0.08	14.81 0.18 -0.48	12.37 0.14 -0.64	12.26 0.14 -0.52	12.46 0.16 -0.58	17.27 0.24 -0.16	17.91 0.28 0.00	17.82 0.30 0.00	17.73 0.21 -0.13	18.73 0.24 -0.09	19.00 0.26 -0.11	19.14 0.24 -0.20	20.06 0.28 -0.12	19.93 0.19 -0.27	20.24 0.24 -0.26	21.20 0.29 -0.11	21.89 0.29 -0.62	22.52 0.42 -1.03	24.57 0.49 -0.54	22.16 0.38 -0.58	22.01 0.41 -0.19	21.27 0.23 -0.06	19.98 0.14 -0.09	17.69 0.41 -0.35
SYRACUSE___POWER 24017	20.05 0.12 -0.08	14.79 0.14 -0.50	12.36 0.10 -0.66	12.25 0.10 -0.54	12.44 0.12 -0.60	17.20 0.17 -0.16	17.84 0.21 0.00	17.75 0.23 0.00	17.67 0.14 -0.13	18.66 0.17 -0.10	18.91 0.17 -0.11	19.07 0.17 -0.20	19.99 0.20 -0.12	19.86 0.12 -0.28	20.19 0.18 -0.26	21.14 0.23 -0.11	21.83 0.21 -0.64	22.48 0.36 -1.06	24.49 0.40 -0.55	22.11 0.32 -0.60	21.95 0.34 -0.20	21.23 0.19 -0.06	19.94 0.10 -0.09	17.63 0.34 -0.36
TALLMAN__138KV_BK151 55660	21.62 1.01 -0.75	19.61 0.79 -4.67	18.49 0.70 -6.21	17.31 0.68 -5.02	18.02 0.67 -5.64	18.77 0.89 -1.01	18.59 0.97 0.00	18.57 1.05 0.00	19.26 1.06 -0.80	20.13 1.14 -0.60	20.53 1.21 -0.68	21.20 1.23 -1.26	21.80 1.38 -0.76	22.56 1.38 -1.72	22.79 1.42 -1.63	23.04 1.54 -0.70	26.47 1.55 -3.94	29.20 1.60 -6.54	28.65 1.69 -3.41	26.42 1.53 -3.70	24.18 1.54 -1.23	22.88 1.51 -0.40	21.66 1.36 -0.54	20.28 1.12 -2.23
TEALLAVE_115KV_TB7 355573	20.00 0.08 -0.07	14.68 0.11 -0.42	12.23 0.08 -0.56	12.14 0.08 -0.45	12.32 0.09 -0.51	17.15 0.13 -0.15	17.80 0.18 0.00	17.70 0.18 0.00	17.62 0.10 -0.12	18.59 0.11 -0.09	18.86 0.13 -0.10	19.00 0.11 -0.18	19.92 0.14 -0.11	19.79 0.08 -0.25	20.10 0.12 -0.24	21.07 0.17 -0.10	21.72 0.17 -0.58	22.32 0.29 -0.96	24.37 0.33 -0.50	21.99 0.25 -0.54	21.87 0.28 -0.18	21.16 0.13 -0.06	19.88 0.04 -0.08	17.56 0.30 -0.33
TELGRAPH_34_KV_EAST 80808	20.16 0.20 -0.11	15.16 0.34 -0.68	12.78 0.29 -0.90	12.68 0.35 -0.73	12.87 0.34 -0.82	17.36 0.29 -0.20	17.75 0.12 0.00	17.63 0.11 0.00	17.33 -0.23 -0.16	18.25 -0.26 -0.12	18.45 -0.32 -0.14	18.65 -0.30 -0.25	19.72 -0.10 -0.15	19.67 -0.14 -0.34	20.07 0.00 -0.32	21.04 0.10 -0.14	21.78 0.02 -0.78	22.63 0.27 -1.30	24.41 0.19 -0.68	22.16 0.23 -0.73	21.97 0.32 -0.24	21.14 0.08 -0.08	19.80 -0.06 -0.11	17.98 0.61 -0.44
TEMPLE___115KV_TB 2 55572	20.02 0.10 -0.07	14.70 0.13 -0.43	12.25 0.09 -0.57	12.16 0.09 -0.46	12.33 0.11 -0.51	17.17 0.15 -0.15	17.82 0.19 0.00	17.73 0.21 0.00	17.64 0.12 -0.12	18.61 0.13 -0.09	18.88 0.15 -0.10	19.04 0.15 -0.19	19.94 0.16 -0.11	19.81 0.10 -0.25	20.12 0.14 -0.24	21.09 0.19 -0.10	21.75 0.19 -0.58	22.34 0.32 -0.96	24.40 0.35 -0.50	22.01 0.28 -0.55	21.89 0.30 -0.18	21.16 0.13 -0.06	19.88 0.04 -0.08	17.58 0.32 -0.33
TIANA____69_KV_BK 1 55817	27.48 2.48 -5.14	22.72 1.81 -6.76	19.71 1.55 -6.57	18.45 1.54 -5.30	19.05 1.37 -5.96	19.79 1.86 -1.06	19.74 2.11 0.00	19.64 2.12 0.00	20.54 2.30 -0.84	21.90 2.48 -1.02	24.94 2.52 -3.79	25.67 2.58 -4.38	28.47 2.85 -5.95	35.14 2.84 -12.83	36.23 2.90 -13.58	38.13 3.14 -14.19	46.01 3.23 -21.81	40.87 3.35 -16.46	48.41 3.67 -21.20	38.26 3.28 -13.78	38.11 3.23 -13.47	35.18 3.10 -11.10	33.31 2.98 -10.57	23.70 2.51 -4.26
TILDEN___115KV_TB1 80814	20.05 0.12 -0.08	14.79 0.14 -0.50	12.36 0.10 -0.66	12.25 0.10 -0.54	12.44 0.12 -0.60	17.20 0.17 -0.16	17.84 0.21 0.00	17.75 0.23 0.00	17.67 0.14 -0.13	18.66 0.17 -0.10	18.91 0.17 -0.11	19.07 0.17 -0.20	19.99 0.20 -0.12	19.86 0.12 -0.28	20.19 0.18 -0.26	21.14 0.23 -0.11	21.83 0.21 -0.64	22.48 0.36 -1.06	24.49 0.40 -0.55	22.11 0.32 -0.60	21.95 0.34 -0.20	21.23 0.19 -0.06	19.94 0.10 -0.09	17.63 0.34 -0.36
TRIGEN___CC 323695	26.50 1.51 -5.14	22.04 1.13 -6.76	19.15 0.99 -6.57	17.86 0.95 -5.30	18.55 0.88 -5.96	19.11 1.18 -1.06	18.96 1.34 0.00	18.91 1.38 0.00	19.76 1.51 -0.84	21.04 1.62 -1.02	24.04 1.62 -3.79	24.72 1.65 -4.38	25.51 1.81 -4.04	25.61 1.81 -4.34	26.05 1.84 -4.46	26.00 1.98 -3.22	28.18 2.03 -5.17	30.11 2.11 -6.94	29.62 2.28 -3.79	28.59 2.03 -5.37	25.94 2.01 -2.52	25.59 1.95 -2.66	23.95 1.88 -2.32	22.75 1.56 -4.26

TRINITY__115KV__4 BK 55933	21.45 0.58 -1.02	20.90 0.41 -6.34	20.34 0.32 -8.42	18.76 0.34 -6.81	19.71 0.34 -7.66	18.77 0.54 -1.35	18.22 0.60 0.00	18.10 0.58 0.00	19.07 0.59 -1.07	19.82 0.63 -0.80	20.13 0.58 -0.92	20.98 0.58 -1.70	21.38 0.69 -1.02	22.48 0.70 -2.32	22.67 0.73 -2.19	22.52 0.77 -0.95	27.04 0.76 -5.31	30.66 0.80 -8.80	29.03 0.89 -4.59	26.98 0.81 -4.98	23.90 0.83 -1.66	22.27 0.76 -0.53	21.18 0.69 -0.73	20.49 0.56 -3.00
UNION__PROCESSING_DRP 323587	20.26 0.32 -0.09	15.09 0.37 -0.57	12.63 0.28 -0.76	12.54 0.31 -0.62	12.71 0.30 -0.69	17.40 0.35 -0.18	17.76 0.14 0.00	17.66 0.14 0.00	17.59 0.05 -0.14	18.55 0.06 -0.11	18.81 0.06 -0.12	18.98 0.06 -0.22	20.00 0.20 -0.13	19.92 0.16 -0.31	20.27 0.24 -0.29	21.24 0.31 -0.12	21.93 0.25 -0.70	22.66 0.44 -1.16	24.62 0.47 -0.61	22.27 0.42 -0.66	22.12 0.49 -0.22	21.32 0.27 -0.07	19.97 0.12 -0.10	17.95 0.63 -0.40
UPPER HUDSON__HYD 24058	22.51 1.59 -1.06	21.82 1.09 -6.59	21.18 0.85 -8.75	19.54 0.86 -7.08	20.54 0.87 -7.96	19.61 1.33 -1.41	19.03 1.41 0.00	18.96 1.44 0.00	19.94 1.43 -1.12	20.72 1.49 -0.83	21.08 1.49 -0.95	21.74 1.27 -1.77	22.13 1.40 -1.06	23.23 1.36 -2.40	23.60 1.58 -2.27	23.51 1.73 -0.98	28.21 1.72 -5.51	31.99 1.79 -9.14	30.43 2.12 -4.77	28.33 1.97 -5.17	25.16 2.03 -1.72	23.33 1.80 -0.55	22.13 1.62 -0.76	21.40 1.36 -3.11
UPPER RAQUET__HYD 24056	18.46 -1.39 0.00	13.11 -1.03 0.00	10.72 -0.87 0.00	10.69 -0.92 0.00	10.81 -0.90 0.00	15.85 -1.06 -0.04	16.50 -1.13 0.00	16.36 -1.16 0.00	16.39 -1.04 -0.03	17.30 -1.12 -0.02	17.47 -1.19 -0.03	17.58 -1.18 -0.05	18.40 -1.30 -0.03	18.27 -1.26 -0.07	18.41 -1.40 -0.07	19.25 -1.58 -0.03	19.59 -1.55 -0.16	19.71 -1.62 -0.27	21.99 -1.70 -0.14	19.86 -1.48 -0.15	19.94 -1.52 -0.05	19.52 -1.47 -0.02	18.44 -1.34 -0.02	15.74 -1.29 -0.09
VALLEY44_115KV_TB2 355964	19.54 -0.46 -0.14	14.89 -0.11 -0.86	12.67 -0.06 -1.14	12.57 0.03 -0.93	12.74 -0.01 -1.04	16.80 -0.30 -0.24	17.94 0.32 0.00	17.78 0.26 0.00	16.93 -0.66 -0.19	17.85 -0.68 -0.14	18.01 -0.78 -0.16	18.21 -0.79 -0.30	19.20 -0.65 -0.18	19.21 -0.66 -0.41	19.71 -0.41 -0.38	20.65 -0.31 -0.17	21.51 -0.40 -0.93	22.45 -0.15 -1.54	23.94 -0.40 -0.80	21.79 -0.28 -0.87	21.48 -0.21 -0.29	20.65 -0.42 -0.09	19.33 -0.55 -0.13	17.49 0.03 -0.52
VALLEY__115KV_TB 1-4 80826	19.79 -0.06 0.00	14.10 -0.04 0.00	11.54 -0.05 0.00	11.53 -0.08 0.00	11.68 -0.04 0.00	16.99 0.03 -0.09	17.64 0.02 0.00	17.49 -0.04 0.00	17.40 -0.07 -0.07	18.33 -0.11 -0.05	18.60 -0.09 -0.06	18.64 -0.17 -0.11	19.58 -0.16 -0.06	19.39 -0.21 -0.15	19.71 -0.18 -0.14	20.67 -0.19 -0.06	21.17 -0.15 -0.34	21.66 0.04 -0.56	23.95 0.12 -0.29	21.61 0.11 -0.32	21.62 0.11 -0.11	21.05 0.04 -0.03	19.74 -0.06 -0.05	17.26 0.14 -0.19
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.06 0.91 -0.29	16.65 0.72 -1.79	14.54 0.58 -2.37	14.13 0.60 -1.92	14.47 0.60 -2.16	18.15 0.86 -0.42	18.56 0.93 0.00	18.40 0.88 0.00	18.52 0.78 -0.33	19.45 0.81 -0.25	19.78 0.86 -0.29	20.07 0.84 -0.53	20.93 0.94 -0.32	21.12 0.93 -0.72	21.44 1.01 -0.68	22.18 1.08 -0.29	23.72 1.09 -1.65	25.09 1.28 -2.74	26.41 1.44 -1.43	24.04 1.29 -1.55	23.19 1.26 -0.52	22.30 1.15 -0.17	20.93 0.95 -0.23	18.78 0.91 -0.93
VISCHER__FERRY HYD 24020	21.83 0.93 -1.04	21.24 0.67 -6.43	20.66 0.53 -8.54	19.05 0.53 -6.91	20.01 0.53 -7.77	19.07 0.83 -1.37	18.49 0.86 0.00	18.38 0.86 0.00	19.34 0.85 -1.09	20.11 0.90 -0.81	20.48 0.91 -0.93	21.31 0.88 -1.72	21.71 1.00 -1.04	22.82 1.01 -2.35	23.03 1.07 -2.22	22.90 1.14 -0.96	27.49 1.13 -5.38	31.16 1.18 -8.92	29.54 1.34 -4.66	27.45 1.21 -5.05	24.33 1.24 -1.68	22.67 1.15 -0.54	21.54 1.05 -0.74	20.84 0.86 -3.04
V_A_10_SYNC_DSASP 323832	20.06 0.10 -0.10	15.04 0.25 -0.64	12.67 0.23 -0.85	12.56 0.27 -0.69	12.74 0.26 -0.77	17.27 0.20 -0.19	17.55 -0.07 0.00	17.42 -0.11 0.00	17.31 -0.24 -0.15	18.25 -0.26 -0.11	18.45 -0.32 -0.13	18.64 -0.30 -0.24	19.66 -0.16 -0.14	19.59 -0.19 -0.33	20.00 -0.06 -0.31	20.95 0.02 -0.13	21.67 -0.06 -0.75	22.48 0.17 -1.25	24.24 0.05 -0.65	21.98 0.08 -0.70	21.79 0.15 -0.23	21.01 -0.04 -0.08	19.72 -0.14 -0.10	17.85 0.49 -0.42
V_CMM_10_SYNC_DSASP 323787	19.24 -0.62 0.00	13.65 -0.50 0.00	11.17 -0.42 0.00	11.19 -0.42 0.00	11.29 -0.42 0.00	16.42 -0.47 -0.02	17.11 -0.51 0.00	17.01 -0.51 0.00	16.97 -0.45 -0.02	17.93 -0.48 -0.01	18.15 -0.50 -0.02	18.23 -0.50 -0.03	19.14 -0.55 -0.02	18.98 -0.52 -0.04	19.19 -0.59 -0.04	20.13 -0.69 -0.02	20.39 -0.67 -0.09	20.43 -0.78 -0.15	22.79 -0.82 -0.08	20.58 -0.70 -0.08	20.71 -0.73 -0.03	20.34 -0.65 -0.01	19.22 -0.55 -0.01	16.37 -0.61 -0.05
V_CMP_10_SYNC_DSASP 323788	18.88 -0.97 0.00	13.45 -0.69 0.00	11.00 -0.59 0.00	11.06 -0.55 0.00	11.06 -0.66 0.00	16.12 -0.78 -0.02	16.69 -0.93 0.00	16.61 -0.91 0.00	16.62 -0.80 -0.02	17.53 -0.88 -0.01	17.70 -0.95 -0.02	17.76 -0.97 -0.03	18.57 -1.12 -0.02	18.43 -1.07 -0.04	18.60 -1.18 -0.04	19.51 -1.31 -0.02	19.88 -1.19 -0.09	20.02 -1.20 -0.15	22.44 -1.18 -0.08	20.28 -1.00 -0.09	20.34 -1.09 -0.03	19.89 -1.09 -0.01	18.78 -0.99 -0.01	15.99 -1.00 -0.05
V_E_10_SYNC_DSASP 323830	21.26 1.19 -0.22	16.46 0.96 -1.36	14.14 0.75 -1.80	13.78 0.72 -1.46	14.11 0.76 -1.64	18.25 1.05 -0.34	18.84 1.22 0.00	18.59 1.07 0.00	18.48 0.82 -0.27	19.31 0.72 -0.20	19.55 0.69 -0.23	19.74 0.62 -0.42	20.61 0.69 -0.25	20.74 0.70 -0.57	21.10 0.81 -0.54	21.95 0.91 -0.23	23.32 1.03 -1.32	24.68 1.43 -2.18	26.54 1.86 -1.14	24.17 1.74 -1.24	23.51 1.69 -0.41	22.51 1.41 -0.13	21.08 1.15 -0.18	18.86 1.18 -0.74
V_F_30_NSYNC__DSASP 323816	22.28 1.37 -1.06	21.67 0.96 -6.56	21.07 0.76 -8.72	19.43 0.77 -7.05	20.42 0.77 -7.93	19.45 1.18 -1.40	18.86 1.23 0.00	18.77 1.24 0.00	19.73 1.22 -1.11	20.51 1.29 -0.83	20.87 1.28 -0.95	21.70 1.23 -1.76	22.08 1.36 -1.06	23.20 1.34 -2.40	23.45 1.44 -2.26	23.34 1.56 -0.98	28.02 1.55 -5.49	31.79 1.62 -9.10	30.15 1.86 -4.75	28.04 1.70 -5.15	24.86 1.73 -1.72	23.10 1.57 -0.55	21.95 1.44 -0.75	21.26 1.22 -3.10
V_F_30_SYNC_DSASP 323786	21.54 0.66 -1.03	21.01 0.47 -6.40	20.46 0.37 -8.50	18.85 0.37 -6.88	19.83 0.39 -7.73	18.86 0.62 -1.37	18.31 0.69 0.00	18.19 0.67 0.00	19.15 0.66 -1.08	19.90 0.70 -0.81	20.23 0.67 -0.93	21.09 0.67 -1.72	21.49 0.79 -1.03	22.58 0.78 -2.34	22.76 0.81 -2.21	22.63 0.87 -0.95	27.19 0.86 -5.35	30.85 0.91 -8.88	29.19 1.01 -4.64	27.13 0.91 -5.02	24.02 0.94 -1.67	22.37 0.86 -0.54	21.26 0.77 -0.74	20.59 0.63 -3.03
V_XM_10_SYNC_DSASP 323789	18.88 -0.97 0.00	13.45 -0.69 0.00	11.00 -0.59 0.00	11.06 -0.55 0.00	11.06 -0.66 0.00	16.12 -0.78 -0.02	16.69 -0.93 0.00	16.61 -0.91 0.00	16.62 -0.80 -0.02	17.53 -0.88 -0.01	17.70 -0.95 -0.02	17.76 -0.97 -0.03	18.57 -1.12 -0.02	18.43 -1.07 -0.04	18.60 -1.18 -0.04	19.51 -1.31 -0.02	19.88 -1.19 -0.09	20.02 -1.20 -0.15	22.44 -1.18 -0.08	20.28 -1.00 -0.09	20.34 -1.09 -0.03	19.89 -1.09 -0.01	18.78 -0.99 -0.01	15.99 -1.00 -0.05

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.69 1.07 -0.76	19.69 0.83 -4.71	18.57 0.73 -6.25	17.39 0.72 -5.06	18.10 0.70 -5.69	18.83 0.94 -1.01	18.66 1.04 0.00	18.63 1.10 0.00	19.32 1.11 -0.80	20.19 1.20 -0.60	20.57 1.25 -0.69	21.26 1.29 -1.27	21.85 1.42 -0.76	22.62 1.42 -1.73	22.85 1.46 -1.64	23.11 1.60 -0.71	26.54 1.59 -3.97	29.29 1.64 -6.58	28.74 1.77 -3.44	26.51 1.59 -3.73	24.25 1.61 -1.24	22.97 1.59 -0.40	21.74 1.44 -0.55	20.35 1.17 -2.25
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.90 1.25 -0.80	20.01 0.93 -4.93	18.97 0.82 -6.55	17.71 0.80 -5.30	18.45 0.77 -5.96	19.00 1.06 -1.06	18.79 1.16 0.00	18.77 1.24 0.00	19.55 1.30 -0.84	20.44 1.42 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.16 1.69 -0.80	22.97 1.69 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.04 1.91 -4.16	29.96 2.00 -6.89	29.28 2.14 -3.60	26.98 1.89 -3.90	24.53 1.82 -1.30	23.16 1.76 -0.42	22.01 1.68 -0.57	20.64 1.35 -2.35
W50THST__13_KV_LOAD 356117	21.98 1.33 -0.80	20.08 1.00 -4.93	19.02 0.88 -6.55	17.77 0.86 -5.30	18.51 0.83 -5.96	19.08 1.15 -1.06	18.88 1.25 0.00	18.87 1.35 0.00	19.63 1.39 -0.84	20.53 1.51 -0.63	20.92 1.57 -0.72	21.64 1.61 -1.33	22.28 1.81 -0.80	23.09 1.81 -1.81	23.26 1.80 -1.71	23.52 1.98 -0.74	27.17 2.03 -4.16	30.08 2.13 -6.89	29.37 2.24 -3.60	27.11 2.01 -3.90	24.65 1.95 -1.30	23.26 1.87 -0.42	22.11 1.78 -0.57	20.74 1.46 -2.35
WADING RIVER_IC_1 23522	27.26 2.26 -5.14	22.55 1.64 -6.76	19.59 1.42 -6.57	18.31 1.40 -5.30	18.92 1.24 -5.96	19.59 1.65 -1.06	19.55 1.92 0.00	19.45 1.93 0.00	20.33 2.09 -0.84	21.66 2.24 -1.02	24.68 2.25 -3.79	25.40 2.32 -4.38	28.14 2.52 -5.95	34.82 2.55 -12.81	35.89 2.59 -13.56	37.76 2.79 -14.17	45.54 2.79 -21.77	40.51 2.97 -16.47	47.95 3.25 -21.16	37.88 2.93 -13.76	37.77 2.91 -13.45	34.87 2.81 -11.08	33.04 2.73 -10.55	23.46 2.27 -4.26
WADING RIVER_IC_2 23547	27.26 2.26 -5.14	22.55 1.64 -6.76	19.59 1.42 -6.57	18.31 1.40 -5.30	18.92 1.24 -5.96	19.59 1.65 -1.06	19.55 1.92 0.00	19.45 1.93 0.00	20.33 2.09 -0.84	21.66 2.24 -1.02	24.68 2.25 -3.79	25.40 2.32 -4.38	28.14 2.52 -5.95	34.82 2.55 -12.81	35.89 2.59 -13.56	37.76 2.79 -14.17	45.54 2.79 -21.77	40.51 2.97 -16.47	47.95 3.25 -21.16	37.88 2.93 -13.76	37.77 2.91 -13.45	34.87 2.81 -11.08	33.04 2.73 -10.55	23.46 2.27 -4.26
WADING RIVER_IC_3 23601	27.26 2.26 -5.14	22.55 1.64 -6.76	19.59 1.42 -6.57	18.31 1.40 -5.30	18.92 1.24 -5.96	19.59 1.65 -1.06	19.55 1.92 0.00	19.45 1.93 0.00	20.33 2.09 -0.84	21.66 2.24 -1.02	24.68 2.25 -3.79	25.40 2.32 -4.38	28.14 2.52 -5.95	34.82 2.55 -12.81	35.89 2.59 -13.56	37.76 2.79 -14.17	45.54 2.79 -21.77	40.51 2.97 -16.47	47.95 3.25 -21.16	37.88 2.93 -13.76	37.77 2.91 -13.45	34.87 2.81 -11.08	33.04 2.73 -10.55	23.46 2.27 -4.26
WALDENNY_I2_KV_BK2 80841	20.08 0.10 -0.12	15.18 0.27 -0.76	12.86 0.25 -1.02	12.77 0.34 -0.82	12.95 0.32 -0.92	17.31 0.22 -0.22	17.87 0.25 0.00	17.75 0.23 0.00	17.29 -0.28 -0.17	18.21 -0.31 -0.13	18.37 -0.41 -0.15	18.60 -0.37 -0.27	19.68 -0.16 -0.16	19.62 -0.21 -0.37	20.06 -0.04 -0.35	21.06 0.10 -0.15	21.83 0.00 -0.85	22.75 0.27 -1.41	24.37 0.09 -0.74	22.18 0.19 -0.80	21.93 0.26 -0.27	21.08 0.02 -0.09	19.78 -0.10 -0.12	17.94 0.52 -0.48
WALDEN__HYDRO 24148	21.67 1.05 -0.77	19.67 0.78 -4.74	18.56 0.67 -6.30	17.35 0.65 -5.10	18.11 0.67 -5.73	18.80 0.91 -1.02	18.61 0.99 0.00	18.52 1.00 0.00	19.18 0.97 -0.81	20.05 1.05 -0.60	20.42 1.10 -0.69	21.11 1.12 -1.28	21.66 1.22 -0.77	22.45 1.25 -1.75	22.66 1.26 -1.65	22.93 1.42 -0.71	26.38 1.41 -4.00	29.17 1.47 -6.63	28.63 1.62 -3.46	26.43 1.48 -3.75	24.18 1.52 -1.25	22.87 1.49 -0.40	21.65 1.34 -0.55	20.29 1.10 -2.26
WARRENSBURG____ 23737	22.51 1.59 -1.06	21.82 1.09 -6.59	21.18 0.85 -8.75	19.54 0.86 -7.08	20.54 0.87 -7.96	19.61 1.33 -1.41	19.03 1.41 0.00	18.96 1.44 0.00	19.94 1.43 -1.12	20.72 1.49 -0.83	21.08 1.49 -0.95	21.74 1.27 -1.77	22.13 1.40 -1.06	23.23 1.36 -2.40	23.60 1.58 -2.27	23.51 1.73 -0.98	28.21 1.72 -5.51	31.99 1.79 -9.14	30.43 2.12 -4.77	28.33 1.97 -5.17	25.16 2.03 -1.72	23.33 1.80 -0.55	22.13 1.62 -0.76	21.40 1.36 -3.11
WATERSIDE____6 8 9 23538	21.94 1.29 -0.80	20.04 0.96 -4.93	19.00 0.86 -6.55	17.74 0.84 -5.30	18.47 0.80 -5.96	19.00 1.06 -1.06	18.75 1.13 0.00	18.73 1.21 0.00	19.48 1.24 -0.84	20.40 1.38 -0.63	20.81 1.45 -0.72	21.53 1.50 -1.33	22.16 1.69 -0.80	22.99 1.71 -1.81	23.12 1.66 -1.71	23.35 1.81 -0.74	27.06 1.93 -4.16	29.93 1.98 -6.89	20.89 2.24 4.89	27.02 1.93 -3.90	24.50 1.80 -1.30	23.14 1.74 -0.42	22.05 1.72 -0.57	20.69 1.41 -2.35
WATKINRD_115KV_LN8_ILLION 55919	19.87 0.02 0.00	14.16 0.01 0.00	11.60 0.01 0.00	11.60 -0.01 0.00	11.74 0.02 0.00	17.08 0.12 -0.09	17.73 0.11 0.00	17.61 0.09 0.00	17.50 0.03 -0.07	18.46 0.02 -0.05	18.73 0.04 -0.06	18.79 -0.02 -0.11	19.73 0.00 -0.06	19.57 -0.04 -0.15	19.89 0.00 -0.14	20.88 0.02 -0.06	21.36 0.04 -0.34	21.81 0.19 -0.56	24.07 0.24 -0.29	21.72 0.21 -0.32	21.73 0.21 -0.11	21.14 0.13 -0.03	19.84 0.04 -0.05	17.34 0.22 -0.19
WATSON__69_KV_BK 1 55734	27.22 2.22 -5.14	22.54 1.63 -6.76	19.56 1.40 -6.57	18.26 1.35 -5.30	18.91 1.23 -5.96	19.60 1.67 -1.06	19.53 1.90 0.00	19.43 1.91 0.00	20.31 2.07 -0.84	21.63 2.21 -1.02	24.66 2.24 -3.79	25.36 2.28 -4.38	27.20 2.52 -5.01	30.65 2.51 -8.67	31.43 2.57 -9.12	32.39 2.77 -8.82	37.47 2.83 -13.66	35.61 2.91 -11.64	39.42 3.20 -12.68	33.74 2.88 -9.66	32.37 2.85 -8.11	30.71 2.77 -6.97	28.96 2.67 -6.53	23.41 2.22 -4.26
WDELAWARE__HYD 323627	21.28 0.74 -0.69	18.97 0.55 -4.28	17.75 0.48 -5.68	16.69 0.49 -4.60	17.36 0.48 -5.17	18.47 0.68 -0.92	18.33 0.71 0.00	18.22 0.70 0.00	18.79 0.66 -0.73	19.64 0.70 -0.55	20.01 0.75 -0.63	20.63 0.77 -1.16	21.21 0.85 -0.70	21.92 0.88 -1.58	22.15 0.91 -1.49	22.46 1.02 -0.65	25.62 1.03 -3.62	28.18 1.12 -6.00	27.92 1.25 -3.13	25.71 1.12 -3.40	23.69 1.16 -1.13	22.49 1.15 -0.36	21.28 1.03 -0.50	19.81 0.83 -2.05
WEST BABYLON__IC 23714	27.08 2.08 -5.14	22.44 1.53 -6.76	19.47 1.31 -6.57	18.18 1.27 -5.30	18.84 1.16 -5.96	19.50 1.57 -1.06	19.40 1.78 0.00	19.33 1.80 0.00	20.19 1.95 -0.84	21.52 2.10 -1.02	24.53 2.11 -3.79	25.23 2.15 -4.38	26.35 2.38 -4.30	27.34 2.37 -5.51	27.88 2.41 -5.72	28.14 2.60 -4.74	31.11 2.66 -7.46	31.99 2.76 -8.16	32.75 3.01 -6.19	30.43 2.71 -6.53	28.14 2.70 -4.03	27.40 2.60 -3.82	25.73 2.51 -3.46	23.28 2.08 -4.26
WEST CANADA__HYD 24049	19.91 0.06 0.00	14.20 0.06 0.00	11.63 0.05 0.00	11.64 0.03 0.00	11.76 0.05 0.00	17.11 0.15 -0.09	17.76 0.14 0.00	17.65 0.12 0.00	17.56 0.09 -0.07	18.54 0.09 -0.05	18.79 0.09 -0.06	18.88 0.08 -0.11	19.81 0.08 -0.06	19.67 0.06 -0.15	19.99 0.10 -0.14	21.01 0.15 -0.06	21.44 0.13 -0.34	21.88 0.25 -0.56	24.12 0.28 -0.29	21.74 0.23 -0.32	21.75 0.24 -0.11	21.18 0.17 -0.03	19.90 0.10 -0.05	17.38 0.25 -0.19

WESTERN_NY_WIND 24143	20.42 0.46 -0.11	15.32 0.51 -0.66	12.88 0.41 -0.88	12.77 0.45 -0.71	12.97 0.46 -0.80	17.52 0.46 -0.20	17.94 0.32 0.00	17.80 0.28 0.00	17.54 -0.02 -0.16	18.46 -0.06 -0.12	18.67 -0.09 -0.13	18.86 -0.09 -0.25	19.82 0.00 -0.15	19.88 0.08 -0.34	20.26 0.20 -0.32	21.25 0.31 -0.14	22.00 0.25 -0.77	22.85 0.50 -1.28	24.73 0.52 -0.67	22.45 0.53 -0.72	22.29 0.64 -0.24	21.41 0.36 -0.08	20.06 0.20 -0.11	18.18 0.81 -0.44
WESTOVER___LESR 323668	20.41 0.32 -0.23	15.90 0.31 -1.45	13.78 0.27 -1.92	13.44 0.28 -1.55	13.74 0.28 -1.75	17.56 0.34 -0.36	18.10 0.48 0.00	17.98 0.46 0.00	17.93 0.24 -0.28	18.86 0.26 -0.21	19.14 0.26 -0.24	19.39 0.24 -0.45	20.27 0.33 -0.27	20.36 0.29 -0.61	20.72 0.39 -0.57	21.53 0.48 -0.25	22.83 0.46 -1.39	24.00 0.63 -2.31	25.40 0.66 -1.20	23.07 0.57 -1.31	22.46 0.62 -0.44	21.56 0.44 -0.14	20.26 0.32 -0.19	18.26 0.54 -0.79
WETHRSFD_WT_PWR 323626	19.95 -0.04 -0.14	15.16 0.16 -0.86	12.88 0.15 -1.14	12.75 0.22 -0.92	12.96 0.21 -1.04	17.19 0.08 -0.24	17.78 0.16 0.00	17.63 0.11 0.00	17.24 -0.35 -0.19	18.15 -0.39 -0.14	18.29 -0.50 -0.16	18.49 -0.50 -0.30	19.41 -0.43 -0.18	19.48 -0.39 -0.40	19.93 -0.20 -0.38	20.88 -0.08 -0.17	21.76 -0.15 -0.93	22.75 0.15 -1.53	24.41 0.07 -0.80	22.21 0.15 -0.87	21.91 0.21 -0.29	21.05 -0.02 -0.09	19.73 -0.16 -0.13	17.88 0.42 -0.52
WHAVSTOR_138KV_BK127 55557	21.59 0.97 -0.76	19.64 0.78 -4.71	18.53 0.68 -6.26	17.35 0.67 -5.07	18.05 0.64 -5.69	18.76 0.88 -1.02	18.59 0.97 0.00	18.56 1.03 0.00	19.25 1.04 -0.81	20.12 1.12 -0.60	20.51 1.19 -0.69	21.19 1.22 -1.27	21.77 1.34 -0.77	22.54 1.34 -1.74	22.77 1.38 -1.64	23.01 1.50 -0.71	26.44 1.49 -3.98	29.19 1.54 -6.59	28.63 1.65 -3.44	26.41 1.48 -3.73	24.15 1.50 -1.24	22.84 1.47 -0.40	21.65 1.34 -0.55	20.26 1.08 -2.25
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.59 0.97 -0.76	19.64 0.78 -4.71	18.53 0.68 -6.26	17.35 0.67 -5.07	18.05 0.64 -5.69	18.76 0.88 -1.02	18.59 0.97 0.00	18.56 1.03 0.00	19.25 1.04 -0.81	20.12 1.12 -0.60	20.51 1.19 -0.69	21.19 1.22 -1.27	21.77 1.34 -0.77	22.54 1.34 -1.74	22.77 1.38 -1.64	23.01 1.50 -0.71	26.44 1.49 -3.98	29.19 1.54 -6.59	28.63 1.65 -3.44	26.41 1.48 -3.73	24.15 1.50 -1.24	22.84 1.47 -0.40	21.65 1.34 -0.55	20.26 1.08 -2.25
WHITEHAL_115KV_TB1 80871	23.18 2.26 -1.06	22.26 1.54 -6.58	21.53 1.21 -8.73	19.89 1.22 -7.07	20.90 1.24 -7.94	20.10 1.82 -1.40	19.60 1.97 0.00	19.54 2.01 0.00	20.50 1.98 -1.11	21.30 2.08 -0.83	21.67 2.09 -0.95	22.37 1.91 -1.76	22.75 2.03 -1.06	23.83 1.97 -2.40	24.15 2.13 -2.27	24.13 2.35 -0.98	28.83 2.35 -5.50	32.63 2.44 -9.12	31.15 2.85 -4.76	29.00 2.65 -5.16	25.89 2.76 -1.72	23.98 2.45 -0.55	22.71 2.19 -0.76	21.90 1.86 -3.11
WHITEPLN_13_KV_LOAD 356215	21.98 1.33 -0.80	20.07 1.00 -4.92	19.00 0.88 -6.54	17.71 0.81 -5.29	18.49 0.83 -5.94	19.09 1.16 -1.06	18.86 1.23 0.00	18.84 1.31 0.00	19.61 1.37 -0.84	20.49 1.47 -0.63	20.88 1.53 -0.72	21.60 1.57 -1.33	22.22 1.75 -0.80	23.02 1.75 -1.81	23.21 1.76 -1.71	23.45 1.91 -0.74	27.18 2.06 -4.15	30.08 2.15 -6.87	29.48 2.35 -3.59	27.18 2.10 -3.89	24.74 2.03 -1.30	23.30 1.91 -0.42	22.05 1.72 -0.57	20.70 1.42 -2.34
WM_FLOYD_69_KV_BK2 356380	27.20 2.20 -5.14	22.52 1.61 -6.76	19.56 1.40 -6.57	18.28 1.37 -5.30	18.89 1.22 -5.96	19.59 1.65 -1.06	19.51 1.89 0.00	19.41 1.89 0.00	20.28 2.04 -0.84	21.61 2.19 -1.02	24.62 2.20 -3.79	25.33 2.24 -4.38	28.11 2.46 -5.98	34.88 2.47 -12.95	35.96 2.51 -13.71	37.85 2.70 -14.34	45.78 2.77 -22.03	40.33 2.86 -16.40	48.14 3.15 -21.44	37.95 2.86 -13.90	37.86 2.83 -13.63	34.94 2.75 -11.22	33.09 2.65 -10.68	23.41 2.22 -4.26
WOODARD___115KV_TB2 355635	19.96 0.04 -0.07	14.66 0.08 -0.42	12.21 0.06 -0.56	12.12 0.06 -0.46	12.30 0.07 -0.51	17.14 0.12 -0.15	17.76 0.14 0.00	17.66 0.14 0.00	17.59 0.07 -0.12	18.57 0.09 -0.09	18.83 0.09 -0.10	18.98 0.09 -0.19	19.88 0.10 -0.11	19.75 0.04 -0.25	20.06 0.08 -0.24	21.03 0.12 -0.10	21.66 0.10 -0.58	22.25 0.23 -0.96	24.32 0.28 -0.50	21.95 0.21 -0.54	21.82 0.24 -0.18	21.10 0.06 -0.06	19.84 0.00 -0.08	17.53 0.27 -0.33
YORK___WARBASSE 23770	22.04 1.39 -0.80	20.10 1.02 -4.93	19.05 0.90 -6.55	17.79 0.88 -5.30	18.51 0.83 -5.96	19.01 1.08 -1.06	18.75 1.13 0.00	18.71 1.19 0.00	19.49 1.25 -0.84	20.42 1.40 -0.63	20.82 1.47 -0.72	21.57 1.53 -1.33	22.22 1.75 -0.80	23.05 1.77 -1.81	23.16 1.70 -1.71	23.39 1.85 -0.74	27.15 2.01 -4.16	30.00 2.04 -6.89	88.89 2.33 -63.02	27.08 1.99 -3.90	24.55 1.84 -1.30	23.18 1.78 -0.42	22.15 1.82 -0.57	20.77 1.49 -2.35