

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/27/2023

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	26.30	22.15	20.06	19.65	18.06	19.11	17.69	17.79	19.39	20.10	20.41	21.21	21.88	23.01	23.29	24.43	29.35	32.18	31.53	30.85	28.03	23.53	22.81	22.75
24138	1.69	1.25	1.14	1.09	1.04	1.01	1.11	1.18	1.44	1.56	1.62	1.86	1.99	2.17	2.19	2.30	2.69	2.87	2.69	2.52	2.37	1.92	1.94	1.82
	-2.96	-3.96	-4.11	-3.65	-1.97	-3.43	-0.05	-0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.29	-0.85	-0.51	-1.27	-0.18	0.00	0.00	0.00
74TH STREET_GT_1	26.30	22.15	20.06	19.63	18.08	19.12	17.68	17.81	19.37	20.09	20.39	21.19	21.86	22.93	23.27	24.41	29.32	32.15	31.50	30.85	28.01	23.53	22.79	22.71
24260	1.69	1.25	1.14	1.07	1.05	1.01	1.09	1.19	1.42	1.54	1.60	1.84	1.97	2.08	2.17	2.28	2.66	2.85	2.66	2.52	2.34	1.92	1.92	1.78
	-2.96	-3.96	-4.11	-3.65	-1.97	-3.43	-0.05	-0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.29	-0.85	-0.51	-1.27	-0.18	0.00	0.00	0.00
74TH STREET_GT_2	26.30	22.15	20.06	19.63	18.08	19.12	17.68	17.81	19.37	20.09	20.39	21.19	21.86	22.93	23.27	24.41	29.32	32.15	31.50	30.85	28.01	23.53	22.79	22.71
24261	1.69	1.25	1.14	1.07	1.05	1.01	1.09	1.19	1.42	1.54	1.60	1.84	1.97	2.08	2.17	2.28	2.66	2.85	2.66	2.52	2.34	1.92	1.92	1.78
	-2.96	-3.96	-4.11	-3.65	-1.97	-3.43	-0.05	-0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.29	-0.85	-0.51	-1.27	-0.18	0.00	0.00	0.00
ADK HUDSON___FALLS	26.61	22.96	20.94	20.40	18.37	19.90	17.25	17.42	18.70	19.31	19.58	20.22	20.83	21.80	22.13	23.19	28.43	31.24	30.73	30.38	27.35	22.86	21.98	21.89
24011	1.02	0.75	0.65	0.63	0.69	0.66	0.64	0.65	0.75	0.76	0.79	0.87	0.93	0.96	1.03	1.06	1.34	1.65	1.73	1.62	1.63	1.25	1.11	0.96
	-3.94	-5.27	-5.47	-4.86	-2.62	-4.57	-0.07	-0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.72	-1.13	-0.68	-1.69	-0.25	0.00	0.00	0.00
ADK RESOURCE___RCVRY	26.72	23.03	21.00	20.45	18.43	19.96	17.32	17.49	18.79	19.40	19.68	20.34	20.92	21.95	22.24	23.30	28.58	31.43	30.96	30.57	27.53	23.01	22.08	22.02
23798	1.12	0.81	0.71	0.67	0.75	0.72	0.71	0.71	0.84	0.85	0.88	0.99	1.03	1.10	1.14	1.17	1.50	1.85	1.95	1.81	1.81	1.40	1.21	1.09
	-3.95	-5.27	-5.48	-4.87	-2.62	-4.58	-0.07	-0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.72	-1.13	-0.68	-1.69	-0.25	0.00	0.00	0.00
ADK S GLENS___FALLS	26.61	22.96	20.94	20.40	18.37	19.90	17.25	17.42	18.70	19.31	19.58	20.22	20.83	21.80	22.13	23.19	28.43	31.24	30.73	30.38	27.35	22.86	21.98	21.89
24028	1.02	0.75	0.65	0.63	0.69	0.66	0.64	0.65	0.75	0.76	0.79	0.87	0.93	0.96	1.03	1.06	1.34	1.65	1.73	1.62	1.63	1.25	1.11	0.96
	-3.94	-5.27	-5.47	-4.86	-2.62	-4.57	-0.07	-0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.72	-1.13	-0.68	-1.69	-0.25	0.00	0.00	0.00
ADK_NYS___DAM	26.47	22.86	20.79	20.30	18.30	19.79	17.44	17.52	18.86	19.44	19.70	20.38	20.96	21.99	22.30	23.30	28.41	31.13	30.68	30.33	27.29	22.80	22.02	22.08
23527	1.04	0.86	0.73	0.73	0.74	0.73	0.84	0.77	0.91	0.89	0.90	1.02	1.07	1.15	1.20	1.17	1.39	1.59	1.70	1.65	1.58	1.19	1.15	1.15
	-3.78	-5.06	-5.25	-4.66	-2.51	-4.39	-0.07	-0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.65	-1.08	-0.65	-1.62	-0.24	0.00	0.00	0.00
AIR_PRODUCTS___DRP	25.88	22.36	20.38	19.89	17.88	19.38	16.98	17.11	18.36	18.94	19.19	19.84	20.43	21.41	21.73	22.77	27.81	30.45	29.89	29.56	26.53	22.19	21.41	21.39
24190	0.43	0.34	0.30	0.30	0.30	0.31	0.38	0.35	0.41	0.39	0.39	0.48	0.54	0.56	0.63	0.64	0.79	0.91	0.91	0.87	0.82	0.58	0.54	0.46
	-3.80	-5.08	-5.27	-4.69	-2.52	-4.41	-0.07	-0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.66	-1.09	-0.65	-1.63	-0.24	0.00	0.00	0.00
AKWESSNE_115KV_BK	21.21	16.62	14.49	14.58	14.66	14.30	16.27	15.91	17.68	18.25	18.55	19.08	19.51	20.47	20.57	21.56	24.76	27.77	27.68	26.44	24.89	21.09	20.48	20.55
355683	-0.43	-0.32	-0.33	-0.33	-0.39	-0.37	-0.26	-0.23	-0.27	-0.30	-0.24	-0.27	-0.38	-0.38	-0.53	-0.58	-0.61	-0.68	-0.65	-0.62	-0.59	-0.52	-0.40	-0.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	25.88	22.36	20.38	19.89	17.88	19.38	16.98	17.11	18.36	18.94	19.19	19.84	20.43	21.41	21.73	22.77	27.81	30.45	29.89	29.56	26.53	22.19	21.41	21.39
23571	0.43	0.34	0.30	0.30	0.30	0.31	0.38	0.35	0.41	0.39	0.39	0.48	0.54	0.56	0.63	0.64	0.79	0.91	0.91	0.87	0.82	0.58	0.54	0.46
	-3.80	-5.08	-5.27	-4.69	-2.52	-4.41	-0.07	-0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.66	-1.09	-0.65	-1.63	-0.24	0.00	0.00	0.00
ALBANY___2	25.88	22.36	20.38	19.89	17.88	19.38	16.98	17.11	18.36	18.94	19.19	19.84	20.43	21.41	21.73	22.77	27.81	30.45	29.89	29.56	26.53	22.19	21.41	21.39
23572	0.43	0.34	0.30	0.30	0.30	0.31	0.38	0.35	0.41	0.39	0.39	0.48	0.54	0.56	0.63	0.64	0.79	0.91	0.91	0.87	0.82	0.58	0.54	0.46
	-3.80	-5.08	-5.27	-4.69	-2.52	-4.41	-0.07	-0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.66	-1.09	-0.65	-1.63	-0.24	0.00	0.00	0.00
ALBANY___3	25.88	22.36	20.38	19.89	17.88	19.38	16.98	17.11	18.36	18.94	19.19	19.84	20.43	21.41	21.73	22.77	27.81	30.45	29.89	29.56	26.53	22.19	21.41	21.39
23573	0.43	0.34	0.30	0.30	0.30	0.31	0.38	0.35	0.41	0.39	0.39	0.48	0.54	0.56	0.63	0.64	0.79	0.91	0.91	0.87	0.82	0.58	0.54	0.46
	-3.80	-5.08	-5.27	-4.69	-2.52	-4.41	-0.07	-0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.66	-1.09	-0.65	-1.63	-0.24	0.00	0.00	0.00

ALBANY___4 23574	25.88 0.43 -3.80	22.36 0.34 -5.08	20.38 0.30 -5.27	19.89 0.30 -4.69	17.88 0.30 -2.52	19.38 0.31 -4.41	16.98 0.38 -0.07	17.11 0.35 -0.62	18.36 0.41 0.00	18.94 0.39 0.00	19.19 0.39 0.00	19.84 0.48 0.00	20.43 0.54 0.00	21.41 0.56 0.00	21.73 0.63 0.00	22.77 0.64 0.00	27.81 0.79 -1.66	30.45 0.91 -1.09	29.89 0.91 -0.65	29.56 0.87 -1.63	26.53 0.82 -0.24	22.19 0.58 0.00	21.41 0.54 0.00	21.39 0.46 0.00
ALBANY___LFGE 323615	26.14 0.65 -3.84	22.58 0.51 -5.13	20.57 0.43 -5.33	20.08 0.43 -4.74	18.04 0.44 -2.55	19.56 0.44 -4.45	17.12 0.51 -0.07	17.26 0.50 -0.63	18.54 0.59 0.00	19.12 0.58 0.00	19.38 0.58 0.00	20.05 0.70 0.00	20.65 0.76 0.00	21.66 0.81 0.00	21.97 0.87 0.00	22.99 0.86 0.00	28.11 1.07 -1.68	30.78 1.22 -1.10	30.20 1.22 -0.66	29.87 1.16 -1.64	26.81 1.09 -0.24	22.41 0.80 0.00	21.62 0.75 0.00	21.64 0.71 0.00
ALCOA_PA_115KV_PL-6C 55860	21.24 -0.41 0.00	16.64 -0.30 0.00	14.50 -0.31 0.00	14.58 -0.33 0.00	14.66 -0.39 0.00	14.30 -0.37 0.00	16.33 -0.20 0.00	15.96 -0.18 0.00	17.73 -0.22 0.00	18.31 -0.24 0.00	18.61 -0.19 0.00	19.14 -0.21 0.00	19.51 -0.38 0.00	20.45 -0.40 0.00	20.55 -0.55 0.00	21.56 -0.58 0.00	24.71 -0.66 0.00	27.75 -0.71 0.00	27.68 -0.65 0.00	26.44 -0.62 0.00	24.89 -0.59 0.00	21.11 -0.50 0.00	20.48 -0.40 0.00	20.55 -0.38 0.00
ALCOA_RYNLDS___DRP 24188	21.24 -0.41 0.00	16.64 -0.30 0.00	14.50 -0.31 0.00	14.58 -0.33 0.00	14.66 -0.39 0.00	14.30 -0.37 0.00	16.33 -0.20 0.00	15.96 -0.18 0.00	17.73 -0.22 0.00	18.31 -0.24 0.00	18.61 -0.19 0.00	19.14 -0.21 0.00	19.51 -0.38 0.00	20.45 -0.40 0.00	20.55 -0.55 0.00	21.56 -0.58 0.00	24.71 -0.66 0.00	27.75 -0.71 0.00	27.68 -0.65 0.00	26.44 -0.62 0.00	24.89 -0.59 0.00	21.11 -0.50 0.00	20.48 -0.40 0.00	20.55 -0.38 0.00
ALCOA___DSASP 323711	21.24 -0.41 0.00	16.64 -0.30 0.00	14.50 -0.31 0.00	14.58 -0.33 0.00	14.66 -0.39 0.00	14.30 -0.37 0.00	16.34 -0.20 0.00	15.96 -0.18 0.00	17.74 -0.21 0.00	18.30 -0.24 0.00	18.61 -0.19 0.00	19.14 -0.21 0.00	19.51 -0.38 0.00	20.41 -0.44 0.00	20.55 -0.55 0.00	21.56 -0.58 0.00	24.71 -0.66 0.00	27.75 -0.71 0.00	27.68 -0.65 0.00	26.44 -0.62 0.00	24.92 -0.56 0.00	21.11 -0.50 0.00	20.45 -0.42 0.00	20.43 -0.50 0.00
ALLEGHENY___COGEN 23514	22.84 0.71 -0.48	18.12 0.54 -0.64	15.96 0.49 -0.66	15.99 0.49 -0.59	16.01 0.63 -0.32	15.80 0.57 -0.55	16.72 0.18 -0.01	16.19 -0.02 -0.08	17.50 -0.45 0.00	18.03 -0.52 0.00	18.06 -0.73 0.00	18.48 -0.87 0.00	19.07 -0.82 0.00	20.10 -0.75 0.00	20.66 -0.44 0.00	21.75 -0.38 0.00	25.07 -0.51 -0.21	28.45 -0.14 -0.14	28.72 0.31 -0.08	27.97 0.70 -0.20	26.40 0.89 -0.03	22.75 1.14 0.00	21.60 0.73 0.00	21.85 0.92 0.00
ALTAMONT_115KV_TB 2 55880	26.16 0.71 -3.80	22.58 0.56 -5.08	20.59 0.50 -5.27	20.10 0.51 -4.69	18.08 0.50 -2.52	19.57 0.50 -4.41	17.16 0.56 -0.07	17.28 0.53 -0.62	18.56 0.61 0.00	19.16 0.61 0.00	19.43 0.64 0.00	20.09 0.74 0.00	20.69 0.80 0.00	21.66 0.81 0.00	22.01 0.91 0.00	23.04 0.91 0.00	28.11 1.09 -1.66	30.77 1.22 -1.09	30.23 1.25 -0.65	29.88 1.19 -1.63	26.84 1.12 -0.24	22.47 0.86 0.00	21.69 0.81 0.00	21.68 0.75 0.00
ALTONA_WT_PWR 323606	21.43 -0.22 0.00	16.79 -0.15 0.00	14.62 -0.19 0.00	14.71 -0.19 0.00	14.84 -0.21 0.00	14.43 -0.24 0.00	16.42 -0.11 0.00	16.05 -0.08 0.00	17.84 -0.11 0.00	18.42 -0.13 0.00	18.74 -0.06 0.00	19.28 -0.08 0.00	19.71 -0.18 0.00	20.64 -0.21 0.00	20.78 -0.32 0.00	21.80 -0.33 0.00	25.01 -0.36 0.00	28.12 -0.34 0.00	28.04 -0.28 0.00	26.79 -0.27 0.00	25.25 -0.23 0.00	21.39 -0.22 0.00	20.68 -0.19 0.00	20.68 -0.25 0.00
AMERICAN_REF_FUEL 24010	21.23 -0.84 -0.43	16.89 -0.63 -0.58	14.91 -0.50 -0.60	14.98 -0.46 -0.53	15.00 -0.35 -0.29	14.86 -0.31 -0.50	15.71 -0.83 -0.01	15.40 -0.81 -0.07	16.91 -1.04 0.00	17.68 -0.87 0.00	17.78 -1.02 0.00	18.19 -1.16 0.00	18.78 -1.11 0.00	19.74 -1.11 0.00	20.26 -0.84 0.00	21.31 -0.82 0.00	24.23 -1.32 -0.19	27.04 -1.54 -0.12	26.87 -1.53 -0.07	25.84 -1.41 -0.18	24.26 -1.25 -0.03	21.15 -0.45 0.00	20.02 -0.86 0.00	20.53 -0.40 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.04 -0.09 -0.48	17.52 -0.07 -0.65	15.48 0.00 -0.67	15.50 0.00 -0.60	15.56 0.18 -0.32	15.45 0.22 -0.56	16.54 0.00 -0.01	16.24 0.03 -0.08	17.91 -0.04 0.00	18.73 0.19 0.00	18.79 0.00 0.00	19.26 -0.10 0.00	19.89 0.00 0.00	20.91 0.06 0.00	21.48 0.38 0.00	22.60 0.47 0.00	25.40 -0.18 -0.21	28.37 -0.23 -0.14	28.21 -0.20 -0.08	27.05 -0.22 -0.21	25.53 0.03 -0.03	22.32 0.71 0.00	21.06 0.19 0.00	21.50 0.57 0.00
ARTHUR_KILL_GT_1 23520	26.23 1.62 -2.96	22.04 1.14 -3.96	19.94 1.02 -4.11	19.51 0.95 -3.65	17.93 0.90 -1.97	18.91 0.81 -3.43	17.38 0.79 -0.05	17.51 0.90 -0.47	19.06 1.11 0.01	19.80 1.26 0.01	20.14 1.35 0.01	20.97 1.63 0.01	21.67 1.79 0.01	22.80 1.96 0.01	23.03 1.94 0.01	24.16 2.03 0.01	29.11 2.46 -1.28	31.91 2.62 -0.84	31.23 2.41 -0.50	30.60 2.27 -1.26	27.75 2.09 -0.18	23.32 1.71 0.00	22.73 1.86 0.00	22.71 1.78 0.00
ARTHUR_KILL_2 23512	26.17 1.56 -2.96	22.00 1.10 -3.96	19.92 0.99 -4.11	19.47 0.91 -3.65	17.89 0.87 -1.97	18.87 0.76 -3.43	17.35 0.76 -0.05	17.48 0.87 -0.47	19.00 1.06 0.01	19.74 1.20 0.01	20.08 1.30 0.01	20.91 1.57 0.01	21.61 1.73 0.01	22.73 1.90 0.01	22.97 1.88 0.01	24.09 1.97 0.01	29.03 2.38 -1.28	31.83 2.53 -0.84	31.12 2.29 -0.50	30.49 2.17 -1.26	27.67 2.01 -0.18	23.25 1.64 0.00	22.67 1.80 0.00	22.65 1.72 0.00
ARTHUR_KILL_3 23513	26.10 1.49 -2.96	22.00 1.10 -3.96	19.93 1.01 -4.11	19.50 0.94 -3.65	17.93 0.90 -1.97	18.98 0.88 -3.43	17.55 0.96 -0.05	17.65 1.03 -0.48	19.21 1.26 0.00	19.94 1.39 0.00	20.22 1.43 0.00	21.03 1.68 0.00	21.70 1.81 0.00	22.80 1.96 0.00	23.11 2.01 0.00	24.23 2.10 0.00	29.09 2.44 -1.29	31.87 2.56 -0.85	31.19 2.35 -0.51	30.55 2.22 -1.27	27.80 2.14 -0.18	23.34 1.73 0.00	22.63 1.75 0.00	22.56 1.63 0.00
ARTHUR_KILL_COGEN 323718	26.23 1.62 -2.96	22.04 1.14 -3.96	19.94 1.02 -4.11	19.51 0.95 -3.65	17.93 0.90 -1.97	18.91 0.81 -3.43	17.38 0.79 -0.05	17.51 0.90 -0.47	19.06 1.11 0.01	19.80 1.26 0.01	20.14 1.35 0.01	20.97 1.63 0.01	21.67 1.79 0.01	22.80 1.96 0.01	23.03 1.94 0.01	24.16 2.03 0.01	29.11 2.46 -1.28	31.91 2.62 -0.84	31.23 2.41 -0.50	30.60 2.27 -1.26	27.75 2.09 -0.18	23.32 1.71 0.00	22.73 1.86 0.00	22.71 1.78 0.00
ASHOKAN____ 23654	25.56 0.56 -3.35	21.82 0.39 -4.48	19.76 0.30 -4.65	19.34 0.30 -4.14	17.49 0.21 -2.23	18.78 0.22 -3.89	17.17 0.58 -0.06	17.16 0.48 -0.55	18.47 0.52 0.00	19.05 0.50 0.00	19.28 0.49 0.00	19.97 0.62 0.00	20.59 0.70 0.00	21.62 0.77 0.00	21.94 0.84 0.00	23.02 0.89 0.00	27.62 0.79 -1.46	30.47 1.05 -0.96	30.06 1.16 -0.57	29.69 1.19 -1.44	27.16 1.48 -0.21	22.80 1.19 0.00	21.94 1.06 0.00	21.94 1.00 0.00

ASTORIA_EAST_ENERGY_CC1 323581	26.33 1.71 -2.97	22.16 1.25 -3.97	20.07 1.14 -4.12	19.64 1.07 -3.66	18.08 1.05 -1.97	19.06 0.95 -3.43	17.48 0.89 -0.05	17.63 1.02 -0.48	19.09 1.15 0.01	19.83 1.28 0.00	20.18 1.39 0.00	21.02 1.66 0.00	21.74 1.85 0.00	22.87 2.02 0.00	23.08 1.98 0.00	24.21 2.08 0.00	29.12 2.46 -1.29	31.92 2.62 -0.85	30.98 2.15 -0.50	30.35 2.03 -1.26	27.59 1.94 -0.18	23.16 1.56 0.01	22.65 1.77 0.00	22.75 1.82 0.00
ASTORIA_EAST_ENERGY_CC2 323582	26.35 1.73 -2.97	22.18 1.27 -3.97	20.07 1.14 -4.12	19.65 1.09 -3.66	18.10 1.07 -1.97	19.06 0.95 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.09 1.15 0.01	19.83 1.28 0.00	20.18 1.39 0.00	21.03 1.68 0.00	21.74 1.85 0.00	22.87 2.02 0.00	23.11 2.01 0.00	24.23 2.10 0.00	29.15 2.49 -1.29	31.95 2.65 -0.85	30.98 2.15 -0.50	30.35 2.03 -1.26	27.59 1.94 -0.18	23.16 1.56 0.01	22.65 1.77 0.00	22.75 1.82 0.00
ASTORIA_GT2_1 24094	26.35 1.73 -2.97	22.18 1.27 -3.97	20.07 1.14 -4.12	19.66 1.09 -3.66	18.10 1.07 -1.97	19.06 0.95 -3.43	17.50 0.91 -0.05	17.65 1.03 -0.48	19.12 1.17 0.00	19.83 1.28 0.00	20.18 1.39 0.00	21.04 1.68 0.00	21.74 1.85 0.00	22.83 1.98 0.00	23.10 2.00 0.00	24.23 2.10 0.00	29.14 2.49 -1.29	31.95 2.65 -0.85	31.02 2.18 -0.51	30.36 2.03 -1.27	27.60 1.94 -0.18	23.19 1.58 0.00	22.65 1.77 0.00	22.73 1.80 0.00
ASTORIA_GT2_2 24095	26.35 1.73 -2.97	22.18 1.27 -3.97	20.07 1.14 -4.12	19.66 1.09 -3.66	18.10 1.07 -1.97	19.06 0.95 -3.43	17.50 0.91 -0.05	17.65 1.03 -0.48	19.12 1.17 0.00	19.83 1.28 0.00	20.18 1.39 0.00	21.04 1.68 0.00	21.74 1.85 0.00	22.83 1.98 0.00	23.10 2.00 0.00	24.23 2.10 0.00	29.14 2.49 -1.29	31.95 2.65 -0.85	31.02 2.18 -0.51	30.36 2.03 -1.27	27.60 1.94 -0.18	23.19 1.58 0.00	22.65 1.77 0.00	22.73 1.80 0.00
ASTORIA_GT2_3 24096	26.35 1.73 -2.97	22.18 1.27 -3.97	20.07 1.14 -4.12	19.66 1.09 -3.66	18.10 1.07 -1.97	19.06 0.95 -3.43	17.50 0.91 -0.05	17.65 1.03 -0.48	19.12 1.17 0.00	19.83 1.28 0.00	20.18 1.39 0.00	21.04 1.68 0.00	21.74 1.85 0.00	22.83 1.98 0.00	23.10 2.00 0.00	24.23 2.10 0.00	29.14 2.49 -1.29	31.95 2.65 -0.85	31.02 2.18 -0.51	30.36 2.03 -1.27	27.60 1.94 -0.18	23.19 1.58 0.00	22.65 1.77 0.00	22.73 1.80 0.00
ASTORIA_GT2_4 24097	26.35 1.73 -2.97	22.18 1.27 -3.97	20.07 1.14 -4.12	19.66 1.09 -3.66	18.10 1.07 -1.97	19.06 0.95 -3.43	17.50 0.91 -0.05	17.65 1.03 -0.48	19.12 1.17 0.00	19.83 1.28 0.00	20.18 1.39 0.00	21.04 1.68 0.00	21.74 1.85 0.00	22.83 1.98 0.00	23.10 2.00 0.00	24.23 2.10 0.00	29.14 2.49 -1.29	31.95 2.65 -0.85	31.02 2.18 -0.51	30.36 2.03 -1.27	27.60 1.94 -0.18	23.19 1.58 0.00	22.65 1.77 0.00	22.73 1.80 0.00
ASTORIA_GT3_1 24098	26.35 1.73 -2.97	22.18 1.27 -3.97	20.07 1.14 -4.12	19.66 1.09 -3.66	18.10 1.07 -1.97	19.06 0.95 -3.43	17.50 0.91 -0.05	17.65 1.03 -0.48	19.12 1.17 0.00	19.83 1.28 0.00	20.18 1.39 0.00	21.04 1.68 0.00	21.74 1.85 0.00	22.83 1.98 0.00	23.10 2.00 0.00	24.23 2.10 0.00	29.14 2.49 -1.29	31.95 2.65 -0.85	31.02 2.18 -0.51	30.36 2.03 -1.27	27.60 1.94 -0.18	23.19 1.58 0.00	22.65 1.77 0.00	22.73 1.80 0.00
ASTORIA_GT3_2 24099	26.35 1.73 -2.97	22.18 1.27 -3.97	20.07 1.14 -4.12	19.66 1.09 -3.66	18.10 1.07 -1.97	19.06 0.9																		

ASTORIA_GT_10 24110	26.23 1.62 -2.96	22.07 1.17 -3.96	19.99 1.07 -4.11	19.56 1.00 -3.65	18.00 0.98 -1.97	19.01 0.91 -3.43	17.53 0.94 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.90 1.35 0.00	20.24 1.45 0.00	21.06 1.70 0.00	21.74 1.85 0.00	22.80 1.96 0.00	23.10 2.00 0.00	24.23 2.10 0.00	29.12 2.46 -1.29	31.92 2.62 -0.85	31.21 2.38 -0.51	30.55 2.22 -1.27	27.78 2.11 -0.18	23.32 1.71 0.00	22.69 1.82 0.00	22.65 1.72 0.00
ASTORIA_GT_11 24225	26.23 1.62 -2.96	22.07 1.17 -3.96	19.99 1.07 -4.11	19.56 1.00 -3.65	18.00 0.98 -1.97	19.01 0.91 -3.43	17.53 0.94 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.90 1.35 0.00	20.24 1.45 0.00	21.06 1.70 0.00	21.74 1.85 0.00	22.80 1.96 0.00	23.10 2.00 0.00	24.23 2.10 0.00	29.12 2.46 -1.29	31.92 2.62 -0.85	31.21 2.38 -0.51	30.55 2.22 -1.27	27.78 2.11 -0.18	23.32 1.71 0.00	22.69 1.82 0.00	22.65 1.72 0.00
ASTORIA_GT_12 24226	26.23 1.62 -2.96	22.07 1.17 -3.96	19.99 1.07 -4.11	19.56 1.00 -3.65	18.00 0.98 -1.97	19.01 0.91 -3.43	17.53 0.94 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.90 1.35 0.00	20.24 1.45 0.00	21.06 1.70 0.00	21.74 1.85 0.00	22.80 1.96 0.00	23.10 2.00 0.00	24.23 2.10 0.00	29.12 2.46 -1.29	31.92 2.62 -0.85	31.21 2.38 -0.51	30.55 2.22 -1.27	27.78 2.11 -0.18	23.32 1.71 0.00	22.69 1.82 0.00	22.65 1.72 0.00
ASTORIA_GT_13 24227	26.23 1.62 -2.96	22.07 1.17 -3.96	19.99 1.07 -4.11	19.56 1.00 -3.65	18.00 0.98 -1.97	19.01 0.91 -3.43	17.53 0.94 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.90 1.35 0.00	20.24 1.45 0.00	21.06 1.70 0.00	21.74 1.85 0.00	22.80 1.96 0.00	23.10 2.00 0.00	24.23 2.10 0.00	29.12 2.46 -1.29	31.92 2.62 -0.85	31.21 2.38 -0.51	30.55 2.22 -1.27	27.78 2.11 -0.18	23.32 1.71 0.00	22.69 1.82 0.00	22.65 1.72 0.00
ASTORIA_GT_5 24106	26.37 1.75 -2.97	22.20 1.29 -3.97	20.10 1.17 -4.12	19.67 1.10 -3.66	18.11 1.08 -1.97	19.09 0.98 -3.43	17.51 0.93 -0.05	17.66 1.05 -0.48	19.13 1.18 0.01	19.86 1.32 0.00	20.22 1.43 0.00	21.07 1.72 0.00	21.78 1.89 0.00	22.91 2.06 0.00	23.15 2.05 0.00	24.28 2.15 0.00	29.19 2.54 -1.29	32.01 2.70 -0.85	31.06 2.24 -0.50	30.41 2.08 -1.26	27.64 1.99 -0.18	23.22 1.62 0.01	22.69 1.81 0.00	22.81 1.88 0.00
ASTORIA_GT_7 24107	26.37 1.75 -2.97	22.20 1.29 -3.97	20.10 1.17 -4.12	19.67 1.10 -3.66	18.11 1.08 -1.97	19.09 0.98 -3.43	17.51 0.93 -0.05	17.66 1.05 -0.48	19.13 1.18 0.01	19.86 1.32 0.00	20.22 1.43 0.00	21.07 1.72 0.00	21.78 1.89 0.00	22.91 2.06 0.00	23.15 2.05 0.00	24.28 2.15 0.00	29.19 2.54 -1.29	32.01 2.70 -0.85	31.06 2.24 -0.50	30.41 2.08 -1.26	27.64 1.99 -0.18	23.22 1.62 0.01	22.69 1.81 0.00	22.81 1.88 0.00
ASTORIA_GT_8 24108	26.39 1.78 -2.97	22.21 1.30 -3.97	20.10 1.17 -4.12	19.67 1.10 -3.66	18.11 1.08 -1.97	19.09 0.98 -3.43	17.51 0.93 -0.05	17.68 1.06 -0.48	19.13 1.18 0.00	19.86 1.32 0.00	20.22 1.43 0.00	21.07 1.72 0.00	21.78 1.89 0.00	22.87 2.02 0.00	23.15 2.05 0.00	24.28 2.15 0.00	29.19 2.54 -1.29	32.01 2.70 -0.85	31.07 2.24 -0.51	30.42 2.08 -1.27	27.65 1.99 -0.18	23.21 1.60 0.00	22.69 1.82 0.00	22.75 1.82 0.00
ASTORIA___2 24149	26.35 1.73 -2.97	22.18 1.27 -3.97	20.07 1.14 -4.12	19.65 1.09 -3.66	18.10 1.07 -1.97	19.06 0.95 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.09 1.15 0.01	19.83 1.28 0.00	20.18 1.39 0.00	21.03 1.68 0.00	21.74 1.85 0.00	22.87 2.02 0.00	23.11 2.01 0.00	24.23 2.10 0.00	29.15 2.49 -1.29	31.95 2.65 -0.85	31.01 2.18 -0.50	30.35 2.03 -1.26	27.62 1.96 -0.18	23.18 1.58 0.01	22.65 1.77 0.00	22.77 1.84 0.00
ASTORIA___3 23516	26.21 1.60 -2.96	22.07 1.17 -3.96	19.99 1.07 -4.11	19.56 1.00 -3.65	18.00 0.98 -1.97	19.01 0.91 -3.43	17.53 0.94 -0.05	17.65 1.03 -0.48	19.19 1.24 0.00	19.90 1.35 0.00	20.24 1.45 0.00	21.06 1.70 0.00	21.74 1.85 0.00	22.85 2.00 0.00	23.11 2.01 0.00	24.23 2.10 0.00	29.12 2.46 -1.29	31.92 2.62 -0.85	31.22 2.38 -0.51	30.55 2.22 -1.27	27.78 2.11 -0.18	23.34 1.73 0.00	22.69 1.81 0.00	22.69 1.76 0.00
ASTORIA___4 23517	26.23 1.62 -2.96	22.07 1.17 -3.96	19.99 1.07 -4.11	19.56 1.00 -3.65	18.00 0.98 -1.97	19.01 0.91 -3.43	17.53 0.94 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.90 1.35 0.00	20.24 1.45 0.00	21.06 1.70 0.00	21.74 1.85 0.00	22.80 1.96 0.00	23.10 2.00 0.00	24.23 2.10 0.00	29.12 2.46 -1.29	31.92 2.62 -0.85	31.21 2.38 -0.51	30.55 2.22 -1.27	27.78 2.11 -0.18	23.32 1.71 0.00	22.69 1.82 0.00	22.65 1.72 0.00
ASTORIA___5 23518	26.21 1.60 -2.96	22.07 1.17 -3.96	19.99 1.07 -4.11	19.56 1.00 -3.65	18.00 0.98 -1.97	19.01 0.91 -3.43	17.53 0.94 -0.05	17.65 1.03 -0.48	19.19 1.24 0.00	19.90 1.35 0.00	20.24 1.45 0.00	21.06 1.70 0.00	21.74 1.85 0.00	22.85 2.00 0.00	23.11 2.01 0.00	24.23 2.10 0.00	29.12 2.46 -1.29	31.92 2.62 -0.85	31.22 2.38 -0.51	30.55 2.22 -1.27	27.78 2.11 -0.18	23.34 1.73 0.00	22.69 1.81 0.00	22.69 1.76 0.00
AST_ENERGY_2_CC3 323677	26.12 1.51 -2.96	22.04 1.14 -3.96	19.96 1.04 -4.11	19.53 0.97 -3.65	17.96 0.93 -1.97	19.01 0.91 -3.43	17.58 0.99 -0.05	17.68 1.06 -0.48	19.22 1.27 0.00	19.96 1.41 0.00	20.24 1.45 0.00	21.06 1.70 0.00	21.72 1.83 0.00	22.83 1.98 0.00	23.11 2.01 0.00	24.23 2.10 0.00	29.12 2.46 -1.29	31.92 2.62 -0.85	31.27 2.44 -0.51	30.61 2.27 -1.27	27.80 2.14 -0.18	23.36 1.75 0.00	22.65 1.77 0.00	22.58 1.65 0.00
AST_ENERGY_2_CC4 323678	26.12 1.51 -2.96	22.04 1.14 -3.96	19.96 1.04 -4.11	19.53 0.97 -3.65	17.96 0.93 -1.97	19.01 0.91 -3.43	17.58 0.99 -0.05	17.68 1.06 -0.48	19.22 1.27 0.00	19.96 1.41 0.00	20.24 1.45 0.00	21.06 1.70 0.00	21.72 1.83 0.00	22.83 1.98 0.00	23.11 2.01 0.00	24.23 2.10 0.00	29.12 2.46 -1.29	31.92 2.62 -0.85	31.27 2.44 -0.51	30.61 2.27 -1.27	27.80 2.14 -0.18	23.36 1.75 0.00	22.65 1.77 0.00	22.58 1.65 0.00
ATHENS_STG_1 23668	25.90 0.91 -3.34	22.12 0.71 -4.47	20.09 0.64 -4.64	19.67 0.64 -4.12	17.91 0.63 -2.22	19.16 0.62 -3.88	17.27 0.68 -0.06	17.32 0.65 -0.55	18.72 0.77 0.00	19.36 0.82 0.00	19.64 0.85 0.00	20.32 0.97 0.00	20.92 1.03 0.00	21.97 1.12 0.00	22.28 1.18 0.00	23.32 1.19 0.00	28.24 1.42 -1.46	30.98 1.56 -0.96	30.40 1.50 -0.57	29.93 1.43 -1.43	27.04 1.35 -0.21	22.69 1.08 0.00	21.92 1.04 0.00	21.94 1.00 0.00
ATHENS_STG_2 23670	25.90 0.91 -3.34	22.12 0.71 -4.47	20.09 0.64 -4.64	19.67 0.64 -4.12	17.91 0.63 -2.22	19.16 0.62 -3.88	17.27 0.68 -0.06	17.32 0.65 -0.55	18.72 0.77 0.00	19.36 0.82 0.00	19.64 0.85 0.00	20.32 0.97 0.00	20.92 1.03 0.00	21.97 1.12 0.00	22.28 1.18 0.00	23.32 1.19 0.00	28.24 1.42 -1.46	30.98 1.56 -0.96	30.40 1.50 -0.57	29.93 1.43 -1.43	27.04 1.35 -0.21	22.69 1.08 0.00	21.92 1.04 0.00	21.94 1.00 0.00

ATHENS_STG_3 23677	25.90 0.91 -3.34	22.12 0.71 -4.47	20.09 0.64 -4.64	19.67 0.64 -4.12	17.91 0.63 -2.22	19.16 0.62 -3.88	17.27 0.68 -0.06	17.32 0.65 -0.55	18.72 0.77 0.00	19.36 0.82 0.00	19.64 0.85 0.00	20.32 0.97 0.00	20.92 1.03 0.00	21.97 1.12 0.00	22.28 1.18 0.00	23.32 1.19 0.00	28.24 1.42 -1.46	30.98 1.56 -0.96	30.40 1.50 -0.57	29.93 1.43 -1.43	27.04 1.35 -0.21	22.69 1.08 0.00	21.92 1.04 0.00	21.94 1.00 0.00
AUBURN____LFGE 323710	22.24 0.24 -0.36	17.61 0.19 -0.48	15.47 0.16 -0.50	15.50 0.15 -0.44	15.58 0.29 -0.24	15.26 0.18 -0.41	16.61 0.07 -0.01	16.26 0.06 -0.06	18.02 0.07 0.00	18.68 0.13 0.00	18.89 0.09 0.00	19.37 0.02 0.00	19.93 0.04 0.00	20.91 0.06 0.00	21.31 0.21 0.00	22.35 0.22 0.00	25.72 0.20 -0.16	28.84 0.28 -0.10	28.70 0.31 -0.06	27.52 0.30 -0.15	25.81 0.31 -0.02	21.98 0.37 0.00	21.06 0.19 0.00	21.12 0.19 0.00
BABYLON_RES_REC 323704	26.84 2.21 -2.98	22.77 1.66 -4.17	23.63 1.50 -7.32	20.97 1.46 -4.60	18.54 1.51 -1.98	20.16 1.39 -4.10	18.15 1.55 -0.06	18.19 1.56 -0.49	19.76 1.79 -0.02	21.97 1.91 -1.51	22.90 1.92 -2.19	24.96 2.13 -3.48	26.60 2.27 -4.44	26.49 2.42 -3.23	26.65 2.49 -3.06	29.95 2.61 -5.21	54.00 3.04 -25.59	52.47 3.38 -20.62	57.74 3.26 -26.15	42.57 3.06 -12.45	40.14 2.88 -11.79	28.26 2.38 -4.28	27.18 2.32 -4.00	26.24 2.26 -3.05
BABYLON__69_KV_BK2 356345	27.18 2.55 -2.98	23.01 1.90 -4.17	23.84 1.70 -7.32	21.18 1.67 -4.60	18.74 1.70 -1.98	20.37 1.60 -4.10	18.36 1.77 -0.05	18.41 1.79 -0.48	20.03 2.06 -0.02	22.23 2.17 -1.51	23.18 2.20 -2.19	25.29 2.46 -3.48	28.23 2.61 -5.74	26.79 2.71 -3.23	27.01 2.85 -3.06	31.45 3.01 -6.31	54.46 3.50 -25.59	52.95 3.87 -20.63	58.22 3.74 -26.15	43.03 3.52 -12.45	40.55 3.29 -11.79	30.12 2.79 -5.73	27.52 2.65 -4.00	26.51 2.53 -3.05
BARON_WINDS____WT_PWR 323822	22.10 -0.15 -0.61	17.65 -0.10 -0.81	15.61 -0.04 -0.84	15.61 -0.04 -0.75	15.49 0.03 -0.40	15.45 0.07 -0.70	16.46 -0.08 -0.01	16.15 -0.08 -0.10	17.79 -0.16 0.00	18.51 -0.04 0.00	18.62 -0.17 0.00	19.12 -0.23 0.00	19.71 -0.18 0.00	20.74 -0.10 0.00	21.25 0.15 0.00	22.33 0.20 0.00	25.35 -0.28 -0.27	28.37 -0.26 -0.17	28.20 -0.23 -0.10	27.08 -0.24 -0.26	25.52 0.00 -0.04	22.08 0.47 0.00	21.00 0.13 0.00	21.26 0.33 0.00
BARRETT_IC_1 23704	26.40 1.78 -2.98	22.56 1.46 -4.16	23.42 1.29 -7.32	20.76 1.25 -4.60	18.29 1.25 -1.98	19.96 1.19 -4.10	17.92 1.32 -0.06	17.98 1.36 -0.49	19.55 1.58 -0.02	21.76 1.71 -1.51	22.54 1.56 -2.19	24.53 1.70 -3.47	25.46 1.83 -3.74	26.06 1.98 -3.23	26.21 2.05 -3.06	28.75 2.15 -4.47	53.47 2.51 -25.59	51.75 2.67 -20.61	57.00 2.52 -26.15	41.97 2.46 -12.44	39.56 2.29 -11.79	26.77 1.86 -3.30	26.92 2.05 -4.00	25.95 1.97 -3.05
BARRETT_IC_10 23701	26.40 1.78 -2.98	22.56 1.46 -4.16	23.42 1.29 -7.32	20.76 1.25 -4.60	18.29 1.25 -1.98	19.96 1.19 -4.10	17.92 1.32 -0.06	17.98 1.36 -0.49	19.55 1.58 -0.02	21.76 1.71 -1.51	22.54 1.56 -2.19	24.53 1.70 -3.47	25.46 1.83 -3.74	26.06 1.98 -3.23	26.21 2.05 -3.06	28.75 2.15 -4.47	53.47 2.51 -25.59	51.75 2.67 -20.61	57.00 2.52 -26.15	41.97 2.46 -12.44	39.56 2.29 -11.79	26.77 1.86 -3.30	26.92 2.05 -4.00	25.95 1.97 -3.05
BARRETT_IC_11 23702	26.40 1.78 -2.98	22.56 1.46 -4.16	23.42 1.29 -7.32	20.76 1.25 -4.60	18.29 1.25 -1.98	19.96 1.19 -4.10	17.92 1.32 -0.06	17.98 1.36 -0.49	19.55 1.58 -0.02	21.76 1.71 -1.51	22.54 1.56 -2.19	24.53 1.70 -3.47	25.46 1.83 -3.74	26.06 1.98 -3.23	26.21 2.05 -3.06	28.75 2.15 -4.47	53.47 2.51 -25.59	51.75 2.67 -20.61	57.00 2.52 -26.15	41.97 2.46 -12.44	39.56 2.29 -11.79	26.77 1.86 -3.30	26.92 2.05 -4.00	25.95 1.97 -3.05
BARRETT_IC_12 23703	26.40 1.78 -2.98	22.56 1.46 -4.16	23.42 1.29 -7.32	20.76 1.25 -4.60	18.29 1.25 -1.98	19.96 1.19 -4.10	17.92 1.32 -0.06	17.98 1.36 -0.49	19.55 1.58 -0.02	21.76 1.71 -1.51	22.54 1.56 -2.19	24.53 1.70 -3.47	25.46 1.83 -3.74	26.06 1.98 -3.23	26.21 2.05 -3.06	28.75 2.15 -4.47	53.47 2.51 -25.59	51.75 2.67 -20.61	57.00 2.52 -26.15	41.97 2.46 -12.44	39.56 2.29 -11.79	26.77 1.86 -3.30	26.92 2.05 -4.00	25.95 1.97 -3.05
BARRETT_IC_2 23705	26.40 1.78 -2.98	22.56 1.46 -4.16	23.42 1.29 -7.32	20.76 1.25 -4.60	18.29 1.25 -1.98	19.96 1.19 -4.10	17.92 1.32 -0.06	17.98 1.36 -0.49	19.55 1.58 -0.02	21.76 1.71 -1.51	22.54 1.56 -2.19	24.53 1.70 -3.47	25.46 1.83 -3.74	26.06 1.98 -3.23	26.21 2.05 -3.06	28.75 2.15 -4.47	53.47 2.51 -25.59	51.75 2.67 -20.61	57.00 2.52 -26.15	41.97 2.46 -12.44	39.56 2.29 -11.79	26.77 1.86 -3.30	26.92 2.05 -4.00	25.95 1.97 -3.05
BARRETT_IC_3 23706	26.40 1.78 -2.98	22.56 1.46 -4.16	23.42 1.29 -7.32	20.76 1.25 -4.60	18.29 1.25 -1.98	19.96 1.19 -4.10	17.92 1.32 -0.06	17.98 1.36 -0.49	19.55 1.58 -0.02	21.76 1.71 -1.51	22.54 1.56 -2.19	24.53 1.70 -3.47	25.46 1.83 -3.74	26.06 1.98 -3.23	26.21 2.05 -3.06	28.75 2.15 -4.47	53.47 2.51 -25.59	51.75 2.67 -20.61	57.00 2.52 -26.15	41.97 2.46 -12.44	39.56 2.29 -11.79	26.77 1.86 -3.30	26.92 2.05 -4.00	25.95 1.97 -3.05
BARRETT_IC_4 23707	26.40 1.78 -2.98	22.56 1.46 -4.16	23.42 1.29 -7.32	20.76 1.25 -4.60	18.29 1.25 -1.98	19.96 1.19 -4.10	17.92 1.32 -0.06	17.98 1.36 -0.49	19.55 1.58 -0.02	21.76 1.71 -1.51	22.54 1.56 -2.19	24.53 1.70 -3.47	25.46 1.83 -3.74	26.06 1.98 -3.23	26.21 2.05 -3.06	28.75 2.15 -4.47	53.47 2.51 -25.59	51.75 2.67 -20.61	57.00 2.52 -26.15	41.97 2.46 -12.44	39.56 2.29 -11.79	26.77 1.86 -3.30	26.92 2.05 -4.00	25.95 1.97 -3.05
BARRETT_IC_5 23708	26.40 1.78 -2.98	22.56 1.46 -4.16	23.42 1.29 -7.32	20.76 1.25 -4.60	18.29 1.25 -1.98	19.96 1.19 -4.10	17.92 1.32 -0.06	17.98 1.36 -0.49	19.55 1.58 -0.02	21.76 1.71 -1.51	22.54 1.56 -2.19	24.53 1.70 -3.47	25.46 1.83 -3.74	26.06 1.98 -3.23	26.21 2.05 -3.06	28.75 2.15 -4.47	53.47 2.51 -25.59	51.75 2.67 -20.61	57.00 2.52 -26.15	41.97 2.46 -12.44	39.56 2.29 -11.79	26.77 1.86 -3.30	26.92 2.05 -4.00	25.95 1.97 -3.05
BARRETT_IC_6 23709	26.40 1.78 -2.98	22.56 1.46 -4.16	23.42 1.29 -7.32	20.76 1.25 -4.60	18.29 1.25 -1.98	19.96 1.19 -4.10	17.92 1.32 -0.06	17.98 1.36 -0.49	19.55 1.58 -0.02	21.76 1.71 -1.51	22.54 1.56 -2.19	24.53 1.70 -3.47	25.46 1.83 -3.74	26.06 1.98 -3.23	26.21 2.05 -3.06	28.75 2.15 -4.47	53.47 2.51 -25.59	51.75 2.67 -20.61	57.00 2.52 -26.15	41.97 2.46 -12.44	39.56 2.29 -11.79	26.77 1.86 -3.30	26.92 2.05 -4.00	25.95 1.97 -3.05
BARRETT_IC_7 23710	26.42 1.80 -2.98	22.55 1.44 -4.16	23.42 1.29 -7.32	20.76 1.25 -4.60	18.27 1.23 -1.98	19.96 1.19 -4.10	17.91 1.32 -0.05	17.99 1.37 -0.48	19.55 1.58 -0.02	21.76 1.71 -1.51	22.54 1.56 -2.19	24.53 1.70 -3.47	25.46 1.83 -3.74	26.01 1.94 -3.23	26.21 2.05 -3.06	28.75 2.15 -4.47	53.47 2.51 -25.59	51.75 2.67 -20.62	57.00 2.52 -26.15	41.97 2.46 -12.44	39.56 2.29 -11.79	26.79 1.88 -3.30	26.91 2.05 -3.99	25.90 1.93 -3.05

BARRETT_IC_8 23711	26.40 1.78 -2.98	22.56 1.46 -4.16	23.42 1.29 -7.32	20.76 1.25 -4.60	18.29 1.25 -1.98	19.96 1.19 -4.10	17.92 1.32 -0.06	17.98 1.36 -0.49	19.55 1.58 -0.02	21.76 1.71 -1.51	22.54 1.56 -2.19	24.53 1.70 -3.47	25.46 1.83 -3.74	26.06 1.98 -3.23	26.21 2.05 -3.06	28.75 2.15 -4.47	53.47 2.51 -25.59	51.75 2.67 -20.61	57.00 2.52 -26.15	41.97 2.46 -12.44	39.56 2.29 -11.79	26.77 1.86 -3.30	26.92 2.05 -4.00	25.95 1.97 -3.05
BARRETT_IC_9 23700	26.40 1.78 -2.98	22.56 1.46 -4.16	23.42 1.29 -7.32	20.76 1.25 -4.60	18.29 1.25 -1.98	19.96 1.19 -4.10	17.92 1.32 -0.06	17.98 1.36 -0.49	19.55 1.58 -0.02	21.76 1.71 -1.51	22.54 1.56 -2.19	24.53 1.70 -3.47	25.46 1.83 -3.74	26.06 1.98 -3.23	26.21 2.05 -3.06	28.75 2.15 -4.47	53.47 2.51 -25.59	51.75 2.67 -20.61	57.00 2.52 -26.15	41.97 2.46 -12.44	39.56 2.29 -11.79	26.77 1.86 -3.30	26.92 2.05 -4.00	25.95 1.97 -3.05
BARRETT___1 23545	26.40 1.78 -2.98	22.56 1.46 -4.16	23.42 1.29 -7.32	20.76 1.25 -4.60	18.29 1.25 -1.98	19.96 1.19 -4.10	17.92 1.32 -0.06	17.98 1.36 -0.49	19.55 1.58 -0.02	21.76 1.71 -1.51	22.54 1.56 -2.19	24.53 1.70 -3.47	25.46 1.83 -3.74	26.06 1.98 -3.23	26.21 2.05 -3.06	28.75 2.15 -4.47	53.47 2.51 -25.59	51.75 2.67 -20.61	57.00 2.52 -26.15	41.97 2.46 -12.44	39.56 2.29 -11.79	26.77 1.86 -3.30	26.92 2.05 -4.00	25.95 1.97 -3.05
BARRETT___2 23546	26.40 1.78 -2.98	22.56 1.46 -4.16	23.42 1.29 -7.32	20.76 1.25 -4.60	18.29 1.25 -1.98	19.96 1.19 -4.10	17.92 1.32 -0.06	17.98 1.36 -0.49	19.55 1.58 -0.02	21.76 1.71 -1.51	22.54 1.56 -2.19	24.53 1.70 -3.47	25.46 1.83 -3.74	26.06 1.98 -3.23	26.21 2.05 -3.06	28.75 2.15 -4.47	53.47 2.51 -25.59	51.75 2.67 -20.61	57.00 2.52 -26.15	41.97 2.46 -12.44	39.56 2.29 -11.79	26.77 1.86 -3.30	26.92 2.05 -4.00	25.95 1.97 -3.05
BATAVIA___115KV_TB1 55881	22.09 0.04 -0.40	17.49 0.02 -0.53	15.41 0.04 -0.55	15.47 0.07 -0.49	15.50 0.18 -0.26	15.34 0.21 -0.46	16.28 -0.26 -0.01	16.00 -0.19 -0.07	17.52 -0.43 0.00	18.29 -0.26 0.00	18.42 -0.38 0.00	18.85 -0.50 0.00	19.45 -0.44 0.00	20.43 -0.42 0.00	20.99 -0.11 0.00	22.11 -0.02 0.00	25.24 -0.30 -0.17	28.23 -0.34 -0.11	28.11 -0.28 -0.07	27.02 -0.22 -0.17	25.40 -0.10 -0.02	22.02 0.41 0.00	20.85 -0.02 0.00	21.12 0.19 0.00
BAYONEEC___CTG1 323682	26.15 1.54 -2.96	22.05 1.15 -3.96	19.98 1.05 -4.11	19.54 0.98 -3.65	17.97 0.95 -1.97	19.03 0.92 -3.43	17.60 1.01 -0.05	17.70 1.08 -0.48	19.26 1.31 0.00	19.97 1.43 0.00	20.28 1.48 0.00	21.07 1.72 0.00	21.74 1.85 0.00	22.87 2.02 0.00	23.15 2.05 0.00	24.28 2.15 0.00	29.15 2.49 -1.29	31.95 2.65 -0.85	31.30 2.46 -0.51	30.66 2.33 -1.27	27.85 2.19 -0.18	23.40 1.79 0.00	22.67 1.80 0.00	22.63 1.69 0.00
BAYONEEC___CTG10 323750	26.15 1.54 -2.96	22.05 1.15 -3.96	19.98 1.05 -4.11	19.54 0.98 -3.65	17.97 0.95 -1.97	19.03 0.92 -3.43	17.60 1.01 -0.05	17.70 1.08 -0.48	19.26 1.31 0.00	19.97 1.43 0.00	20.28 1.48 0.00	21.07 1.72 0.00	21.74 1.85 0.00	22.87 2.02 0.00	23.15 2.05 0.00	24.28 2.15 0.00	29.15 2.49 -1.29	31.95 2.65 -0.85	31.30 2.46 -0.51	30.66 2.33 -1.27	27.85 2.19 -0.18	23.40 1.79 0.00	22.67 1.80 0.00	22.63 1.69 0.00
BAYONEEC___CTG2 323683	26.15 1.54 -2.96	22.05 1.15 -3.96	19.98 1.05 -4.11	19.54 0.98 -3.65	17.97 0.95 -1.97	19.03 0.92 -3.43	17.60 1.01 -0.05	17.70 1.08 -0.48	19.26 1.31 0.00	19.97 1.43 0.00	20.28 1.48 0.00	21.07 1.72 0.00	21.74 1.85 0.00	22.87 2.02 0.00	23.15 2.05 0.00	24.28 2.15 0.00	29.15 2.49 -1.29	31.95 2.65 -0.85	31.30 2.46 -0.51	30.66 2.33 -1.27	27.85 2.19 -0.18	23.40 1.79 0.00	22.67 1.80 0.00	22.63 1.69 0.00
BAYONEEC___CTG3 323684	26.15 1.54 -2.96	22.05 1.15 -3.96	19.98 1.05 -4.11	19.54 0.98 -3.65	17.97 0.95 -1.97	19.03 0.92 -3.43	17.60 1.01 -0.05	17.70 1.08 -0.48	19.26 1.31 0.00	19.97 1.43 0.00	20.28 1.48 0.00	21.07 1.72 0.00	21.74 1.85 0.00	22.87 2.02 0.00	23.15 2.05 0.00	24.28 2.15 0.00	29.15 2.49 -1.29	31.95 2.65 -0.85	31.30 2.46 -0.51	30.66 2.33 -1.27	27.85 2.19 -0.18	23.40 1.79 0.00	22.67 1.80 0.00	22.63 1.69 0.00
BAYONEEC___CTG4 323685	26.15 1.54 -2.96	22.05 1.15 -3.96	19.98 1.05 -4.11	19.54 0.98 -3.65	17.97 0.95 -1.97	19.03 0.92 -3.43	17.60 1.01 -0.05	17.70 1.08 -0.48	19.26 1.31 0.00	19.97 1.43 0.00	20.28 1.48 0.00	21.07 1.72 0.00	21.74 1.85 0.00	22.87 2.02 0.00	23.15 2.05 0.00	24.28 2.15 0.00	29.15 2.49 -1.29	31.95 2.65 -0.85	31.30 2.46 -0.51	30.66 2.33 -1.27	27.85 2.19 -0.18	23.40 1.79 0.00	22.67 1.80 0.00	22.63 1.69 0.00
BAYONEEC___CTG5 323686	26.15 1.54 -2.96	22.05 1.15 -3.96	19.98 1.05 -4.11	19.54 0.98 -3.65	17.97 0.95 -1.97	19.03 0.92 -3.43	17.60 1.01 -0.05	17.70 1.08 -0.48	19.26 1.31 0.00	19.97 1.43 0.00	20.28 1.48 0.00	21.07 1.72 0.00	21.74 1.85 0.00	22.87 2.02 0.00	23.15 2.05 0.00	24.28 2.15 0.00	29.15 2.49 -1.29	31.95 2.65 -0.85	31.30 2.46 -0.51	30.66 2.33 -1.27	27.85 2.19 -0.18	23.40 1.79 0.00	22.67 1.80 0.00	22.63 1.69 0.00
BAYONEEC___CTG6 323687	26.15 1.54 -2.96	22.05 1.15 -3.96	19.98 1.05 -4.11	19.54 0.98 -3.65	17.97 0.95 -1.97	19.03 0.92 -3.43	17.60 1.01 -0.05	17.70 1.08 -0.48	19.26 1.31 0.00	19.97 1.43 0.00	20.28 1.48 0.00	21.07 1.72 0.00	21.74 1.85 0.00	22.87 2.02 0.00	23.15 2.05 0.00	24.28 2.15 0.00	29.15 2.49 -1.29	31.95 2.65 -0.85	31.30 2.46 -0.51	30.66 2.33 -1.27	27.85 2.19 -0.18	23.40 1.79 0.00	22.67 1.80 0.00	22.63 1.69 0.00
BAYONEEC___CTG7 323688	26.15 1.54 -2.96	22.05 1.15 -3.96	19.98 1.05 -4.11	19.54 0.98 -3.65	17.97 0.95 -1.97	19.03 0.92 -3.43	17.60 1.01 -0.05	17.70 1.08 -0.48	19.26 1.31 0.00	19.97 1.43 0.00	20.28 1.48 0.00	21.07 1.72 0.00	21.74 1.85 0.00	22.87 2.02 0.00	23.15 2.05 0.00	24.28 2.15 0.00	29.15 2.49 -1.29	31.95 2.65 -0.85	31.30 2.46 -0.51	30.66 2.33 -1.27	27.85 2.19 -0.18	23.40 1.79 0.00	22.67 1.80 0.00	22.63 1.69 0.00
BAYONEEC___CTG8 323689	26.15 1.54 -2.96	22.05 1.15 -3.96	19.98 1.05 -4.11	19.54 0.98 -3.65	17.97 0.95 -1.97	19.03 0.92 -3.43	17.60 1.01 -0.05	17.70 1.08 -0.48	19.26 1.31 0.00	19.97 1.43 0.00	20.28 1.48 0.00	21.07 1.72 0.00	21.74 1.85 0.00	22.87 2.02 0.00	23.15 2.05 0.00	24.28 2.15 0.00	29.15 2.49 -1.29	31.95 2.65 -0.85	31.30 2.46 -0.51	30.66 2.33 -1.27	27.85 2.19 -0.18	23.40 1.79 0.00	22.67 1.80 0.00	22.63 1.69 0.00
BAYONEEC___CTG9 323749	26.15 1.54 -2.96	22.05 1.15 -3.96	19.98 1.05 -4.11	19.54 0.98 -3.65	17.97 0.95 -1.97	19.03 0.92 -3.43	17.60 1.01 -0.05	17.70 1.08 -0.48	19.26 1.31 0.00	19.97 1.43 0.00	20.28 1.48 0.00	21.07 1.72 0.00	21.74 1.85 0.00	22.87 2.02 0.00	23.15 2.05 0.00	24.28 2.15 0.00	29.15 2.49 -1.29	31.95 2.65 -0.85	31.30 2.46 -0.51	30.66 2.33 -1.27	27.85 2.19 -0.18	23.40 1.79 0.00	22.67 1.80 0.00	22.63 1.69 0.00

BEACON___LESR 323632	26.20 0.76 -3.79	22.59 0.58 -5.07	20.57 0.49 -5.27	20.06 0.48 -4.68	18.06 0.48 -2.52	19.57 0.50 -4.40	17.18 0.58 -0.07	17.32 0.56 -0.62	18.63 0.68 0.00	19.21 0.67 0.00	19.47 0.68 0.00	20.13 0.77 0.00	20.75 0.85 0.00	21.76 0.92 0.00	22.07 0.97 0.00	23.10 0.97 0.00	28.21 1.19 -1.66	30.94 1.39 -1.09	30.39 1.42 -0.65	30.02 1.33 -1.62	26.96 1.25 -0.24	22.54 0.93 0.00	21.73 0.86 0.00	21.73 0.80 0.00
BEAVER RIVER___HYD 24048	21.39 -0.37 -0.11	16.79 -0.30 -0.15	14.66 -0.31 -0.16	14.73 -0.31 -0.14	14.83 -0.30 -0.08	14.51 -0.29 -0.13	16.22 -0.31 0.00	15.78 -0.37 -0.02	17.50 -0.45 0.00	18.03 -0.52 0.00	18.27 -0.53 0.00	18.81 -0.54 0.00	19.25 -0.64 0.00	20.18 -0.67 0.00	20.38 -0.72 0.00	21.47 -0.66 0.00	24.60 -0.81 -0.05	27.75 -0.74 -0.03	27.78 -0.57 -0.02	26.73 -0.38 -0.05	25.18 -0.30 -0.01	21.33 -0.28 0.00	20.50 -0.38 0.00	20.51 -0.42 0.00
BEEBEE_GT_13 23619	22.03 0.04 -0.34	17.42 0.02 -0.46	15.32 0.03 -0.48	15.39 0.06 -0.42	15.40 0.12 -0.23	15.18 0.12 -0.40	16.22 -0.31 -0.01	16.03 -0.16 -0.06	17.56 -0.39 0.00	18.29 -0.26 0.00	18.47 -0.32 0.00	18.93 -0.43 0.00	19.51 -0.38 0.00	20.49 -0.35 0.00	20.97 -0.13 0.00	22.04 -0.09 0.00	25.39 -0.13 -0.15	28.36 -0.20 -0.10	28.22 -0.17 -0.06	27.08 -0.14 -0.15	25.37 -0.13 -0.02	21.74 0.13 0.00	20.70 -0.17 0.00	20.89 -0.04 0.00
BENSHRST_27_KV_BENSHRST_1 355998	26.40 1.80 -2.96	22.19 1.29 -3.96	20.08 1.16 -4.11	19.63 1.07 -3.65	18.06 1.04 -1.97	19.06 0.95 -3.43	17.56 0.98 -0.05	17.71 1.10 -0.48	19.26 1.31 0.00	20.01 1.47 0.00	20.35 1.56 0.00	21.19 1.84 0.00	21.90 2.01 0.00	22.97 2.13 0.00	23.27 2.17 0.00	24.41 2.28 0.00	29.37 2.71 -1.29	32.21 2.90 -0.85	31.50 2.66 -0.51	30.85 2.52 -1.27	28.01 2.34 -0.18	23.53 1.92 0.00	22.90 2.02 0.00	22.84 1.90 0.00
BETHLEHEM___GRP 23843	25.88 0.43 -3.80	22.36 0.34 -5.08	20.38 0.30 -5.27	19.89 0.30 -4.69	17.88 0.30 -2.52	19.38 0.31 -4.41	16.98 0.38 -0.07	17.11 0.35 -0.62	18.36 0.41 0.00	18.94 0.39 0.00	19.19 0.39 0.00	19.84 0.48 0.00	20.43 0.54 0.00	21.41 0.56 0.00	21.73 0.63 0.00	22.77 0.64 0.00	27.81 0.79 -1.66	30.45 0.91 -1.09	29.89 0.91 -0.65	29.56 0.87 -1.63	26.53 0.82 -0.24	22.19 0.58 0.00	21.41 0.54 0.00	21.39 0.46 0.00
BETHLEHEM___GS1 323560	25.88 0.43 -3.80	22.36 0.34 -5.08	20.38 0.30 -5.27	19.89 0.30 -4.69	17.88 0.30 -2.52	19.38 0.31 -4.41	16.98 0.38 -0.07	17.11 0.35 -0.62	18.38 0.43 0.00	18.94 0.39 0.00	19.19 0.40 0.00	19.84 0.48 0.00	20.43 0.54 0.00	21.45 0.60 0.00	21.73 0.63 0.00	22.75 0.62 0.00	27.81 0.79 -1.66	30.45 0.91 -1.09	29.89 0.91 -0.65	29.56 0.87 -1.63	26.53 0.82 -0.24	22.19 0.58 0.00	21.41 0.54 0.00	21.43 0.50 0.00
BETHLEHEM___GS2 323561	25.88 0.43 -3.80	22.36 0.34 -5.08	20.38 0.30 -5.27	19.89 0.30 -4.69	17.88 0.30 -2.52	19.38 0.31 -4.41	16.98 0.38 -0.07	17.11 0.35 -0.62	18.38 0.43 0.00	18.94 0.39 0.00	19.19 0.40 0.00	19.84 0.48 0.00	20.43 0.54 0.00	21.45 0.60 0.00	21.73 0.63 0.00	22.75 0.62 0.00	27.81 0.79 -1.66	30.45 0.91 -1.09	29.89 0.91 -0.65	29.56 0.87 -1.63	26.53 0.82 -0.24	22.19 0.58 0.00	21.41 0.54 0.00	21.43 0.50 0.00
BETHLEHEM___GS3 323562	25.88 0.43 -3.80	22.36 0.34 -5.08	20.38 0.30 -5.27	19.89 0.30 -4.69	17.88 0.30 -2.52	19.38 0.31 -4.41	16.98 0.38 -0.07	17.11 0.35 -0.62	18.38 0.43 0.00	18.94 0.39 0.00	19.19 0.40 0.00	19.84 0.48 0.00	20.43 0.54 0.00	21.45 0.60 0.00	21.73 0.63 0.00	22.75 0.62 0.00	27.81 0.79 -1.66	30.45 0.91 -1.09	29.89 0.91 -0.65	29.56 0.87 -1.63	26.53 0.82 -0.24	22.19 0.58 0.00	21.41 0.54 0.00	21.43 0.50 0.00
BETHLEHEM___STEEL 23779	21.68 -0.43 -0.46	17.24 -0.32 -0.62	15.22 -0.24 -0.64	15.27 -0.21 -0.57	15.29 -0.08 -0.31	15.16 -0.04 -0.54	16.24 -0.30 -0.01	15.76 -0.45 -0.08	17.52 -0.43 0.00	18.32 -0.22 0.00	18.40 -0.39 0.00	18.85 -0.50 0.00	19.47 -0.42 0.00	20.43 -0.42 0.00	21.02 -0.08 0.00	22.11 -0.02 0.00	24.86 -0.71 -0.20	27.74 -0.85 -0.13	27.59 -0.82 -0.08	26.48 -0.78 -0.20	24.95 -0.56 -0.03	21.91 0.30 0.00	20.70 -0.17 0.00	21.04 0.10 0.00
BETHLHEM_115KV_TB1 79974	25.94 0.50 -3.80	22.41 0.39 -5.08	20.42 0.34 -5.27	19.93 0.34 -4.68	17.92 0.35 -2.52	19.42 0.35 -4.40	17.02 0.41 -0.07	17.16 0.40 -0.62	18.42 0.47 0.00	18.99 0.45 0.00	19.24 0.45 0.00	19.89 0.54 0.00	20.49 0.60 0.00	21.47 0.63 0.00	21.80 0.70 0.00	22.82 0.69 0.00	27.88 0.86 -1.66	30.51 0.97 -1.09	29.97 0.99 -0.65	29.61 0.92 -1.63	26.58 0.87 -0.24	22.26 0.65 0.00	21.46 0.58 0.00	21.45 0.52 0.00
BETHPAGE_CC_5 323564	26.64 2.01 -2.98	22.63 1.53 -4.17	23.51 1.38 -7.32	20.91 1.40 -4.60	18.45 1.41 -1.98	20.10 1.33 -4.10	18.08 1.49 -0.06	18.14 1.52 -0.49	19.73 1.76 -0.02	21.93 1.87 -1.51	22.84 1.86 -2.19	24.90 2.07 -3.48	26.14 2.21 -4.04	26.37 2.29 -3.23	26.53 2.36 -3.06	29.39 2.43 -4.82	53.75 2.79 -25.59	52.16 3.07 -20.62	57.40 2.92 -26.15	42.27 2.76 -12.45	39.84 2.57 -11.79	27.49 2.12 -3.76	27.00 2.13 -4.00	26.07 2.09 -3.05
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.66 -0.45 -0.47	17.23 -0.34 -0.63	15.21 -0.25 -0.65	15.25 -0.24 -0.58	15.26 -0.11 -0.31	15.16 -0.06 -0.54	16.29 -0.25 -0.01	15.74 -0.47 -0.08	17.59 -0.36 0.00	18.38 -0.17 0.00	18.47 -0.32 0.00	18.93 -0.43 0.00	19.55 -0.34 0.00	20.51 -0.33 0.00	21.12 0.02 0.00	22.20 0.07 0.00	24.86 -0.71 -0.20	27.74 -0.85 -0.13	27.59 -0.82 -0.08	26.48 -0.78 -0.20	24.97 -0.54 -0.03	21.98 0.37 0.00	20.77 -0.10 0.00	21.10 0.17 0.00
BINGHAMTON___COGEN 23790	22.65 0.13 -0.87	18.21 0.10 -1.17	16.15 0.12 -1.21	16.10 0.12 -1.08	15.77 0.14 -0.58	15.83 0.15 -1.01	16.65 0.10 -0.02	16.31 0.03 -0.14	18.04 0.09 0.00	18.69 0.15 0.00	18.91 0.11 0.00	19.45 0.10 0.00	20.01 0.12 0.00	20.99 0.15 0.00	21.42 0.32 0.00	22.48 0.35 0.00	25.92 0.18 -0.38	28.93 0.23 -0.25	28.70 0.23 -0.15	27.63 0.19 -0.37	25.79 0.25 -0.05	22.06 0.45 0.00	21.12 0.25 0.00	21.18 0.25 0.00
BIXINCNT_115KV_LOAD 355685	21.52 -0.63 -0.50	17.15 -0.46 -0.67	15.19 -0.31 -0.69	15.21 -0.31 -0.61	15.19 -0.20 -0.33	15.13 -0.12 -0.58	16.44 -0.10 -0.01	15.73 -0.48 -0.08	17.77 -0.18 0.00	18.56 0.02 0.00	18.62 -0.17 0.00	19.10 -0.25 0.00	19.71 -0.18 0.00	20.66 -0.19 0.00	21.31 0.21 0.00	22.42 0.29 0.00	24.82 -0.76 -0.22	27.75 -0.85 -0.14	27.56 -0.85 -0.09	26.41 -0.87 -0.21	24.92 -0.59 -0.03	22.06 0.45 0.00	20.83 -0.04 0.00	21.12 0.19 0.00
BLACK RIVER___HYD 24047	21.74 -0.06 -0.15	17.06 -0.08 -0.21	14.91 -0.12 -0.21	14.96 -0.13 -0.19	15.05 -0.10 -0.10	14.76 -0.09 -0.18	16.37 -0.17 0.00	15.92 -0.24 -0.03	17.61 -0.34 0.00	18.14 -0.41 0.00	18.36 -0.43 0.00	18.91 -0.44 0.00	19.36 -0.54 0.00	20.30 -0.54 0.00	20.51 -0.59 0.00	21.62 -0.51 0.00	24.80 -0.63 -0.07	27.99 -0.51 -0.04	28.04 -0.31 -0.03	27.08 -0.05 -0.07	25.51 0.03 -0.01	21.65 0.04 0.00	20.75 -0.12 0.00	20.76 -0.17 0.00

BLACKRVR_115KV_TB2 79977	21.74 -0.06 -0.15	17.06 -0.08 -0.21	14.91 -0.12 -0.21	14.96 -0.13 -0.19	15.05 -0.11 -0.10	14.76 -0.09 -0.18	16.37 -0.17 0.00	15.92 -0.24 -0.03	17.61 -0.34 0.00	18.14 -0.41 0.00	18.36 -0.43 0.00	18.91 -0.45 0.00	19.35 -0.54 0.00	20.28 -0.56 0.00	20.51 -0.59 0.00	21.62 -0.51 0.00	24.80 -0.63 -0.07	27.99 -0.51 -0.04	28.04 -0.31 -0.03	27.08 -0.05 -0.07	25.51 0.03 -0.01	21.65 0.04 0.00	20.75 -0.13 0.00	20.72 -0.21 0.00
BLISS_WT_PWR 323608	21.47 -0.67 -0.50	17.15 -0.46 -0.67	15.19 -0.31 -0.69	15.21 -0.31 -0.61	15.21 -0.18 -0.33	15.13 -0.12 -0.58	16.43 -0.11 -0.01	16.12 -0.10 -0.08	17.77 -0.18 0.00	18.56 0.02 0.00	18.64 -0.15 0.00	19.10 -0.25 0.00	19.71 -0.18 0.00	20.72 -0.12 0.00	21.31 0.21 0.00	22.42 0.29 0.00	24.85 -0.74 -0.22	27.75 -0.85 -0.14	27.56 -0.85 -0.09	26.38 -0.89 -0.21	25.13 -0.38 -0.03	22.04 0.43 0.00	20.81 -0.06 0.00	21.24 0.31 0.00
BLUESTONE__WT_PWR 323821	23.70 1.15 -0.91	19.02 0.86 -1.21	16.83 0.76 -1.26	16.78 0.76 -1.12	16.44 0.78 -0.60	16.54 0.82 -1.05	17.39 0.84 -0.02	17.01 0.73 -0.15	18.79 0.84 0.00	19.42 0.87 0.00	19.60 0.81 0.00	20.26 0.91 0.00	20.81 0.91 0.00	21.85 1.00 0.00	22.20 1.10 0.00	23.39 1.26 0.00	26.98 1.22 -0.40	30.25 1.54 -0.26	30.13 1.64 -0.16	29.13 1.68 -0.39	27.19 1.66 -0.06	23.12 1.51 0.00	22.10 1.23 0.00	22.08 1.15 0.00
BLUE_CIRC_CHEM_DRP 24182	26.13 0.76 -3.72	22.52 0.59 -4.98	20.50 0.52 -5.17	20.04 0.54 -4.59	18.07 0.54 -2.47	19.53 0.54 -4.32	17.21 0.61 -0.07	17.30 0.56 -0.61	18.60 0.65 0.00	19.20 0.65 0.00	19.45 0.66 0.00	20.11 0.75 0.00	20.69 0.80 0.00	21.68 0.83 0.00	22.01 0.91 0.00	23.06 0.93 0.00	28.11 1.12 -1.63	30.77 1.25 -1.07	30.24 1.27 -0.64	29.88 1.22 -1.60	26.86 1.15 -0.23	22.49 0.89 0.00	21.69 0.81 0.00	21.70 0.77 0.00
BOC_GAS_DRP 24189	26.08 0.65 -3.78	22.52 0.53 -5.05	20.52 0.46 -5.25	20.03 0.46 -4.66	18.03 0.47 -2.51	19.51 0.45 -4.39	17.11 0.51 -0.07	17.23 0.48 -0.62	18.52 0.57 0.00	19.12 0.57 0.00	19.38 0.58 0.00	20.05 0.70 0.00	20.65 0.76 0.00	21.62 0.77 0.00	21.94 0.84 0.00	22.99 0.86 0.00	28.03 1.01 -1.65	30.68 1.14 -1.08	30.11 1.13 -0.65	29.77 1.08 -1.62	26.73 1.02 -0.24	22.41 0.80 0.00	21.62 0.75 0.00	21.62 0.69 0.00
BOONVILLE_115KV_TB1 79983	21.99 0.24 -0.10	17.25 0.17 -0.14	15.09 0.13 -0.15	15.16 0.12 -0.13	15.23 0.11 -0.07	14.94 0.15 -0.12	16.68 0.15 0.00	16.25 0.10 -0.02	18.06 0.11 0.00	18.62 0.07 0.00	18.87 0.08 0.00	19.45 0.10 0.00	19.97 0.08 0.00	20.93 0.08 0.00	21.18 0.08 0.00	22.29 0.15 0.00	25.51 0.10 -0.05	28.71 0.23 -0.03	28.66 0.31 -0.02	27.52 0.41 -0.04	25.92 0.43 -0.01	21.95 0.35 0.00	21.10 0.23 0.00	21.12 0.19 0.00
BORALEX_4TH_BRANCH 23824	26.47 1.04 -3.78	22.86 0.86 -5.06	20.79 0.73 -5.25	20.30 0.73 -4.66	18.30 0.74 -2.51	19.79 0.73 -4.39	17.44 0.84 -0.07	17.52 0.77 -0.62	18.86 0.91 0.00	19.44 0.89 0.00	19.70 0.90 0.00	20.38 1.02 0.00	20.96 1.07 0.00	21.99 1.15 0.00	22.30 1.20 0.00	23.30 1.17 0.00	28.41 1.39 -1.65	31.13 1.59 -1.08	30.68 1.70 -0.65	30.33 1.65 -1.62	27.29 1.58 -0.24	22.80 1.19 0.00	22.02 1.15 0.00	22.08 1.15 0.00
BOWLINE__1 23526	25.79 1.30 -2.84	21.74 1.00 -3.80	19.67 0.90 -3.95	19.26 0.85 -3.51	17.77 0.83 -1.89	18.77 0.81 -3.30	17.44 0.86 -0.05	17.48 0.89 -0.46	19.04 1.10 0.00	19.73 1.19 0.00	20.01 1.22 0.00	20.76 1.41 0.00	21.42 1.53 0.00	22.51 1.67 0.00	22.85 1.75 0.00	23.95 1.82 0.00	28.69 2.08 -1.24	31.57 2.30 -0.81	31.00 2.18 -0.49	30.31 2.03 -1.22	27.54 1.89 -0.18	23.14 1.53 0.00	22.35 1.48 0.00	22.33 1.40 0.00
BOWLINE__2 23595	25.79 1.30 -2.84	21.75 1.00 -3.80	19.67 0.90 -3.95	19.26 0.85 -3.51	17.77 0.83 -1.89	18.78 0.81 -3.30	17.44 0.86 -0.05	17.48 0.89 -0.46	19.04 1.10 0.00	19.73 1.19 0.00	20.01 1.22 0.00	20.76 1.41 0.00	21.42 1.53 0.00	22.51 1.67 0.00	22.85 1.75 0.00	23.95 1.82 0.00	28.69 2.08 -1.24	31.57 2.30 -0.81	31.00 2.18 -0.49	30.31 2.03 -1.22	27.54 1.89 -0.18	23.14 1.53 0.00	22.35 1.48 0.00	22.33 1.40 0.00
BRADY____115KV_TB2 356060	21.21 -0.43 0.00	16.62 -0.32 0.00	14.47 -0.34 0.00	14.56 -0.34 0.00	14.62 -0.44 0.00	14.29 -0.38 0.00	16.32 -0.21 0.00	15.92 -0.21 0.00	17.70 -0.25 0.00	18.23 -0.32 0.00	18.55 -0.24 0.00	19.10 -0.25 0.00	19.43 -0.46 0.00	20.39 -0.46 0.00	20.47 -0.63 0.00	21.47 -0.66 0.00	24.63 -0.74 0.00	27.69 -0.77 0.00	27.65 -0.68 0.00	26.47 -0.60 0.00	24.94 -0.54 0.00	21.11 -0.50 0.00	20.48 -0.40 0.00	20.53 -0.40 0.00
BRANSCOMB__SOLAR 323811	26.56 1.00 -3.92	22.94 0.76 -5.24	20.92 0.67 -5.44	20.39 0.66 -4.83	18.35 0.69 -2.60	19.89 0.68 -4.54	17.31 0.71 -0.07	17.45 0.68 -0.64	18.70 0.75 0.00	19.29 0.74 0.00	19.56 0.77 0.00	20.22 0.87 0.00	20.81 0.92 0.00	21.83 0.98 0.00	22.13 1.03 0.00	23.17 1.04 0.00	28.37 1.29 -1.71	31.14 1.56 -1.12	30.67 1.67 -0.67	30.34 1.60 -1.68	27.28 1.55 -0.24	22.82 1.21 0.00	21.96 1.08 0.00	21.96 1.03 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	27.03 2.40 -2.98	22.89 1.78 -4.17	23.75 1.61 -7.32	21.09 1.58 -4.60	18.66 1.63 -1.98	20.28 1.51 -4.10	18.27 1.69 -0.05	18.33 1.71 -0.48	19.91 1.94 -0.02	22.10 2.04 -1.51	23.05 2.07 -2.19	25.13 2.30 -3.48	28.35 2.47 -5.99	26.60 2.52 -3.23	26.80 2.64 -3.06	31.26 2.79 -6.34	54.21 3.25 -25.59	52.61 3.53 -20.63	57.85 3.37 -26.15	42.68 3.17 -12.45	40.22 2.96 -11.79	29.95 2.57 -5.77	27.31 2.44 -4.00	26.33 2.34 -3.05
BRISTLHL_115KV_TB1 79998	21.69 -0.19 -0.23	17.10 -0.15 -0.31	15.02 -0.12 -0.32	15.08 -0.12 -0.29	15.10 -0.11 -0.15	14.84 -0.10 -0.27	16.31 -0.23 0.00	15.93 -0.24 -0.04	17.64 -0.31 0.00	18.25 -0.30 0.00	18.46 -0.34 0.00	18.93 -0.43 0.00	19.45 -0.44 0.00	20.39 -0.46 0.00	20.72 -0.38 0.00	21.75 -0.38 0.00	25.01 -0.46 -0.10	28.01 -0.51 -0.07	27.89 -0.48 -0.04	26.70 -0.46 -0.10	25.08 -0.41 -0.01	21.33 -0.28 0.00	20.50 -0.38 0.00	20.57 -0.36 0.00
BROOKHAVEN__DRP 24191	27.16 2.53 -2.98	22.97 1.86 -4.17	23.85 1.72 -7.32	21.18 1.67 -4.60	18.77 1.73 -1.98	20.38 1.61 -4.10	18.37 1.79 -0.05	18.44 1.82 -0.48	20.05 2.08 -0.02	22.23 2.17 -1.51	23.18 2.20 -2.19	25.25 2.42 -3.48	35.88 2.61 -13.39	26.70 2.63 -3.23	26.93 2.76 -3.07	37.61 2.94 -12.53	54.38 3.42 -25.59	52.90 3.81 -20.63	58.17 3.68 -26.16	42.98 3.46 -12.45	40.51 3.24 -11.79	38.29 2.72 -13.96	27.46 2.59 -4.00	26.45 2.47 -3.05
BROOKLYN_NAVY_YARD 23515	26.10 1.49 -2.96	22.00 1.10 -3.96	19.93 1.01 -4.11	19.50 0.94 -3.65	17.93 0.90 -1.97	19.00 0.89 -3.43	17.56 0.98 -0.05	17.68 1.06 -0.48	19.26 1.31 0.00	19.99 1.45 0.00	20.26 1.47 0.00	21.06 1.70 0.00	21.72 1.83 0.00	22.85 2.00 0.00	23.13 2.03 0.00	24.26 2.12 0.00	29.12 2.46 -1.29	31.95 2.65 -0.85	31.27 2.44 -0.51	30.63 2.30 -1.27	27.83 2.16 -0.18	23.36 1.75 0.00	22.65 1.77 0.00	22.58 1.65 0.00

BROOKLYN___ARMY_DRP 323595	26.32 1.71 -2.96	22.12 1.22 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.51 0.93 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.87 2.02 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.73 1.80 0.00
BROOKVLE_69_KV_TB1 55790	26.60 1.97 -2.98	22.58 1.47 -4.17	23.47 1.33 -7.32	20.79 1.28 -4.60	18.32 1.28 -1.98	19.99 1.22 -4.10	17.93 1.34 -0.05	18.00 1.39 -0.48	19.60 1.63 -0.02	21.80 1.74 -1.51	22.77 1.79 -2.19	24.84 2.01 -3.47	25.78 2.15 -3.74	26.35 2.27 -3.23	26.57 2.41 -3.06	29.18 2.48 -4.57	53.77 2.82 -25.59	52.18 3.10 -20.62	57.43 2.95 -26.15	42.30 2.79 -12.45	39.86 2.60 -11.79	27.18 2.14 -3.43	27.00 2.13 -3.99	25.99 2.01 -3.05
BROOME_2_LFGE 323671	22.65 0.13 -0.87	18.21 0.10 -1.17	16.14 0.12 -1.21	16.10 0.12 -1.08	15.77 0.14 -0.58	15.83 0.15 -1.01	16.65 0.10 -0.02	16.37 0.10 -0.14	18.04 0.09 0.00	18.69 0.15 0.00	18.91 0.11 0.00	19.45 0.10 0.00	20.01 0.12 0.00	21.03 0.19 0.00	21.42 0.32 0.00	22.48 0.35 0.00	25.93 0.18 -0.38	28.93 0.23 -0.25	28.70 0.23 -0.15	27.63 0.19 -0.37	25.81 0.28 -0.05	22.06 0.45 0.00	21.12 0.25 0.00	21.26 0.33 0.00
BROOME___LFGE 323600	22.65 0.13 -0.87	18.21 0.10 -1.17	16.14 0.12 -1.21	16.10 0.12 -1.08	15.77 0.14 -0.58	15.83 0.15 -1.01	16.65 0.10 -0.02	16.37 0.10 -0.14	18.04 0.09 0.00	18.69 0.15 0.00	18.91 0.11 0.00	19.45 0.10 0.00	20.01 0.12 0.00	21.03 0.19 0.00	21.42 0.32 0.00	22.48 0.35 0.00	25.93 0.18 -0.38	28.93 0.23 -0.25	28.70 0.23 -0.15	27.63 0.19 -0.37	25.81 0.28 -0.05	22.06 0.45 0.00	21.12 0.25 0.00	21.26 0.33 0.00
BROWNFLS_115KV_TB_3_5 80003	20.91 -0.82 -0.08	16.39 -0.66 -0.11	14.30 -0.62 -0.11	14.38 -0.63 -0.10	14.46 -0.65 -0.05	14.13 -0.63 -0.09	15.94 -0.60 0.00	15.53 -0.61 -0.01	17.25 -0.70 0.00	17.77 -0.78 0.00	18.02 -0.77 0.00	18.56 -0.79 0.00	18.96 -0.93 0.00	19.87 -0.98 0.00	20.00 -1.10 0.00	21.02 -1.11 0.00	24.13 -1.27 -0.04	27.17 -1.31 -0.02	27.18 -1.16 -0.01	26.10 -1.00 -0.03	24.57 -0.92 -0.01	20.79 -0.82 0.00	20.06 -0.81 0.00	20.09 -0.84 0.00
BROWNSV1_27_KV_LOAD 356125	26.36 1.75 -2.96	22.19 1.29 -3.96	20.09 1.17 -4.11	19.66 1.10 -3.65	18.09 1.07 -1.97	19.15 1.04 -3.43	17.71 1.12 -0.05	17.84 1.23 -0.48	19.40 1.45 0.00	20.14 1.59 0.00	20.43 1.64 0.00	21.25 1.90 0.00	21.92 2.03 0.00	22.99 2.15 0.00	23.34 2.24 0.00	24.48 2.35 0.00	29.40 2.74 -1.29	32.23 2.93 -0.85	31.58 2.75 -0.51	30.90 2.57 -1.27	28.08 2.42 -0.18	23.60 1.99 0.00	22.88 2.00 0.00	22.77 1.84 0.00
BURROWS___LYONSDAL 23803	21.86 0.11 -0.11	17.15 0.07 -0.14	14.99 0.03 -0.15	15.07 0.03 -0.13	15.14 0.02 -0.07	14.85 0.06 -0.12	16.58 0.05 0.00	16.15 0.00 -0.02	17.93 -0.02 0.00	18.49 -0.06 0.00	18.74 -0.06 0.00	19.31 -0.04 0.00	19.81 -0.08 0.00	20.78 -0.06 0.00	21.02 -0.08 0.00	22.11 -0.02 0.00	25.34 -0.08 -0.05	28.52 0.03 -0.03	28.49 0.14 -0.02	27.35 0.24 -0.05	25.77 0.28 -0.01	21.82 0.22 0.00	20.98 0.10 0.00	20.97 0.04 0.00
CAITHNESS_CC_1 323624	27.03 2.40 -2.98	22.90 1.80 -4.17	23.81 1.67 -7.32	21.12 1.61 -4.60	18.71 1.67 -1.98	20.32 1.55 -4.10	18.31 1.72 -0.06	18.37 1.74 -0.49	19.96 1.99 -0.02	22.13 2.08 -1.51	23.09 2.10 -2.19	25.17 2.34 -3.48	35.82 2.51 -13.42	26.68 2.61 -3.23	26.85 2.68 -3.07	37.43 2.81 -12.49	54.23 3.27 -25.59	52.73 3.64 -20.63	57.97 3.48 -26.16	42.79 3.27 -12.45	40.35 3.08 -11.79	38.06 2.55 -13.90	27.36 2.48 -4.00	26.41 2.43 -3.05
CALPINE BETH_PAGE_GT4 24209	26.66 2.03 -2.98	22.63 1.52 -4.17	23.52 1.39 -7.32	20.90 1.39 -4.60	18.44 1.40 -1.98	20.10 1.33 -4.10	18.07 1.49 -0.05	18.13 1.52 -0.48	19.73 1.76 -0.02	21.93 1.87 -1.51	22.81 1.82 -2.19	24.84 2.01 -3.48	26.00 2.15 -3.96	26.35 2.27 -3.23	26.55 2.38 -3.06	29.28 2.37 -4.79	53.70 2.74 -25.59	52.10 3.02 -20.62	57.37 2.89 -26.15	42.22 2.71 -12.45	39.79 2.52 -11.79	27.44 2.12 -3.71	26.93 2.07 -4.00	26.03 2.05 -3.05
CALPINE_BETH_PAGE_GT_4 323586	26.62 1.99 -2.98	22.62 1.51 -4.17	23.49 1.36 -7.32	20.90 1.39 -4.60	18.45 1.41 -1.98	20.10 1.33 -4.10	18.08 1.49 -0.06	18.12 1.50 -0.49	19.73 1.76 -0.02	21.93 1.87 -1.51	22.81 1.82 -2.19	24.84 2.01 -3.48	26.00 2.15 -3.96	26.35 2.27 -3.23	26.50 2.34 -3.06	29.29 2.37 -4.79	53.70 2.74 -25.59	52.10 3.02 -20.62	57.37 2.89 -26.15	42.22 2.71 -12.45	39.81 2.55 -11.79	27.40 2.07 -3.71	26.93 2.07 -4.00	26.05 2.07 -3.05
CALPINE_BP_GT1 23823	26.62 1.99 -2.98	22.62 1.51 -4.17	23.49 1.36 -7.32	20.90 1.39 -4.60	18.45 1.41 -1.98	20.10 1.33 -4.10	18.08 1.49 -0.06	18.12 1.50 -0.49	19.73 1.76 -0.02	21.93 1.87 -1.51	22.81 1.82 -2.19	24.84 2.01 -3.48	26.00 2.15 -3.96	26.35 2.27 -3.23	26.50 2.34 -3.06	29.29 2.37 -4.79	53.70 2.74 -25.59	52.10 3.02 -20.62	57.37 2.89 -26.15	42.22 2.71 -12.45	39.81 2.55 -11.79	27.40 2.07 -3.71	26.93 2.07 -4.00	26.05 2.07 -3.05
CALSPAN___DRP 24200	21.68 -0.43 -0.46	17.24 -0.32 -0.62	15.22 -0.24 -0.64	15.27 -0.21 -0.57	15.29 -0.08 -0.31	15.16 -0.04 -0.54	16.24 -0.30 -0.01	15.76 -0.45 -0.08	17.52 -0.43 0.00	18.32 -0.22 0.00	18.40 -0.39 0.00	18.85 -0.50 0.00	19.47 -0.42 0.00	20.43 -0.42 0.00	21.02 -0.08 0.00	22.11 -0.02 0.00	24.86 -0.71 -0.20	27.74 -0.85 -0.13	27.59 -0.82 -0.08	26.48 -0.78 -0.20	24.95 -0.56 -0.03	21.91 0.30 0.00	20.70 -0.17 0.00	21.04 0.10 0.00
CALVERTON___SOLAR 323806	27.27 2.64 -2.98	23.07 1.96 -4.17	23.95 1.82 -7.32	21.27 1.76 -4.60	18.86 1.82 -1.98	20.47 1.70 -4.10	18.46 1.87 -0.06	18.51 1.89 -0.49	20.14 2.17 -0.02	22.32 2.26 -1.51	23.27 2.29 -2.19	25.37 2.53 -3.48	36.00 2.73 -13.38	26.91 2.83 -3.23	27.08 2.91 -3.07	37.78 3.10 -12.55	54.56 3.60 -25.59	53.13 4.04 -20.63	58.40 3.91 -26.16	43.20 3.68 -12.45	40.71 3.44 -11.79	38.45 2.85 -13.99	27.61 2.73 -4.00	26.64 2.66 -3.05
CANDIGU_WT_PWR 323617	22.10 -0.15 -0.61	17.65 -0.10 -0.81	15.61 -0.04 -0.84	15.61 -0.04 -0.75	15.49 0.03 -0.40	15.45 0.07 -0.70	16.46 -0.08 -0.01	16.15 -0.08 -0.10	17.79 -0.16 0.00	18.51 -0.04 0.00	18.62 -0.17 0.00	19.12 -0.23 0.00	19.71 -0.18 0.00	20.74 -0.10 0.00	21.25 0.15 0.00	22.33 0.20 0.00	25.35 -0.28 -0.27	28.37 -0.26 -0.17	28.20 -0.23 -0.10	27.08 -0.24 -0.26	25.52 0.00 -0.04	22.08 0.47 0.00	21.00 0.13 0.00	21.26 0.33 0.00
CARR STREET_E_SYR 24060	21.84 -0.06 -0.26	17.24 -0.05 -0.35	15.13 -0.04 -0.36	15.18 -0.04 -0.32	15.20 -0.03 -0.17	14.96 -0.01 -0.30	16.40 -0.13 0.00	16.05 -0.13 -0.04	17.77 -0.18 0.00	18.38 -0.17 0.00	18.59 -0.21 0.00	19.08 -0.27 0.00	19.63 -0.26 0.00	20.57 -0.27 0.00	20.91 -0.19 0.00	21.95 -0.18 0.00	25.18 -0.30 -0.11	28.13 -0.40 -0.07	27.98 -0.40 -0.04	26.80 -0.38 -0.11	25.21 -0.28 -0.02	21.50 -0.11 0.00	20.68 -0.19 0.00	20.85 -0.08 0.00

CARTHAGE___PAPER 23857	21.50 -0.28 -0.14	16.89 -0.24 -0.19	14.75 -0.25 -0.19	14.81 -0.27 -0.17	14.91 -0.24 -0.09	14.60 -0.24 -0.16	16.25 -0.28 0.00	15.82 -0.34 -0.02	17.50 -0.45 0.00	18.03 -0.52 0.00	18.27 -0.53 0.00	18.81 -0.54 0.00	19.25 -0.64 0.00	20.18 -0.67 0.00	20.38 -0.72 0.00	21.47 -0.66 0.00	24.64 -0.79 -0.06	27.81 -0.68 -0.04	27.87 -0.48 -0.02	26.88 -0.24 -0.06	25.33 -0.15 -0.01	21.46 -0.15 0.00	20.60 -0.27 0.00	20.59 -0.34 0.00
CASSADAGA_WT_PWR 323784	22.15 0.02 -0.49	17.63 0.03 -0.65	15.56 0.07 -0.67	15.58 0.07 -0.60	15.62 0.24 -0.32	15.53 0.29 -0.56	16.67 0.13 -0.01	16.37 0.16 -0.08	18.06 0.11 0.00	18.88 0.33 0.00	18.94 0.15 0.00	19.41 0.06 0.00	20.05 0.16 0.00	21.07 0.23 0.00	21.65 0.55 0.00	22.75 0.62 0.00	25.53 -0.05 -0.21	28.51 -0.09 -0.14	28.38 -0.03 -0.08	27.19 -0.08 -0.21	25.74 0.23 -0.03	22.52 0.91 0.00	21.25 0.38 0.00	21.66 0.73 0.00
CE_DUNWOOD___DRP 24194	26.05 1.45 -2.95	21.97 1.08 -3.95	19.90 0.99 -4.10	19.49 0.94 -3.64	17.93 0.92 -1.96	18.97 0.88 -3.42	17.55 0.96 -0.05	17.63 1.02 -0.48	19.17 1.22 0.00	19.84 1.30 0.00	20.15 1.35 0.00	20.90 1.55 0.00	21.56 1.67 0.00	22.60 1.75 0.00	22.98 1.88 0.00	24.08 1.95 0.00	28.91 2.26 -1.29	31.78 2.48 -0.84	31.16 2.32 -0.51	30.52 2.19 -1.26	27.70 2.04 -0.18	23.27 1.66 0.00	22.50 1.63 0.00	22.44 1.51 0.00
CE_MILLWOOD___DRP 24193	25.97 1.39 -2.94	21.92 1.05 -3.93	19.84 0.95 -4.08	19.44 0.91 -3.62	17.89 0.89 -1.95	18.93 0.85 -3.41	17.51 0.93 -0.05	17.58 0.97 -0.48	19.12 1.17 0.00	19.81 1.26 0.00	20.09 1.30 0.00	20.84 1.49 0.00	21.50 1.61 0.00	22.55 1.71 0.00	22.91 1.81 0.00	24.01 1.88 0.00	28.83 2.18 -1.28	31.72 2.42 -0.84	31.10 2.27 -0.50	30.46 2.14 -1.26	27.62 1.96 -0.18	23.21 1.60 0.00	22.44 1.57 0.00	22.37 1.44 0.00
CE_NYC2_DRP 24202	26.23 1.62 -2.96	22.09 1.19 -3.96	19.99 1.07 -4.11	19.57 1.01 -3.65	18.00 0.98 -1.97	19.01 0.91 -3.43	17.55 0.96 -0.05	17.68 1.06 -0.48	19.21 1.26 0.00	19.92 1.37 0.00	20.26 1.47 0.00	21.07 1.72 0.00	21.74 1.85 0.00	22.83 1.98 0.00	23.13 2.03 0.00	24.26 2.12 0.00	29.14 2.49 -1.29	31.95 2.65 -0.85	31.24 2.41 -0.51	30.61 2.27 -1.27	27.80 2.14 -0.18	23.36 1.75 0.00	22.69 1.82 0.00	22.65 1.72 0.00
CE_NYC_DRP 24195	26.21 1.60 -2.96	22.07 1.17 -3.96	19.99 1.07 -4.11	19.57 1.01 -3.65	18.00 0.98 -1.97	19.04 0.94 -3.43	17.61 1.03 -0.05	17.73 1.11 -0.48	19.28 1.33 0.00	20.01 1.47 0.00	20.30 1.50 0.00	21.09 1.74 0.00	21.76 1.87 0.00	22.83 1.98 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.19 2.54 -1.29	32.01 2.70 -0.85	31.36 2.52 -0.51	30.69 2.35 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.69 1.82 0.00	22.60 1.67 0.00
CHAFFEE___LFGE 323603	21.67 -0.46 -0.48	17.25 -0.34 -0.64	15.23 -0.25 -0.67	15.26 -0.24 -0.59	15.27 -0.10 -0.32	15.17 -0.06 -0.56	16.28 -0.27 -0.01	15.97 -0.24 -0.08	17.57 -0.38 0.00	18.36 -0.19 0.00	18.46 -0.34 0.00	18.89 -0.46 0.00	19.53 -0.36 0.00	20.53 -0.31 0.00	21.10 0.00 0.00	22.20 0.07 0.00	24.89 -0.68 -0.21	27.77 -0.83 -0.14	27.65 -0.76 -0.08	26.54 -0.73 -0.21	25.13 -0.38 -0.03	22.00 0.39 0.00	20.79 -0.08 0.00	21.24 0.31 0.00
CHATEAUG_35_KV_LOAD 355732	21.37 -0.28 0.00	16.74 -0.20 0.00	14.58 -0.24 0.00	14.67 -0.24 0.00	14.78 -0.27 0.00	14.39 -0.28 0.00	16.37 -0.17 0.00	16.00 -0.13 0.00	17.79 -0.16 0.00	18.34 -0.20 0.00	18.66 -0.13 0.00	19.20 -0.15 0.00	19.63 -0.26 0.00	20.59 -0.25 0.00	20.70 -0.40 0.00	21.71 -0.42 0.00	24.91 -0.46 0.00	28.00 -0.46 0.00	27.93 -0.40 0.00	26.69 -0.38 0.00	25.12 -0.36 0.00	21.31 -0.30 0.00	20.64 -0.23 0.00	20.74 -0.19 0.00
CHATEAUG_WT_PWR 323614	21.37 -0.28 0.00	16.74 -0.20 0.00	14.58 -0.24 0.00	14.68 -0.22 0.00	14.80 -0.26 0.00	14.41 -0.26 0.00	16.37 -0.17 0.00	16.00 -0.13 0.00	17.81 -0.14 0.00	18.36 -0.19 0.00	18.68 -0.11 0.00	19.22 -0.13 0.00	19.65 -0.24 0.00	20.57 -0.27 0.00	20.72 -0.38 0.00	21.73 -0.40 0.00	24.93 -0.43 0.00	28.03 -0.43 0.00	27.96 -0.37 0.00	26.71 -0.35 0.00	25.15 -0.33 0.00	21.31 -0.30 0.00	20.62 -0.25 0.00	20.62 -0.31 0.00
CHAT_HIGH_FALL_HYD 323578	21.37 -0.28 0.00	16.74 -0.20 0.00	14.58 -0.24 0.00	14.67 -0.24 0.00	14.78 -0.27 0.00	14.39 -0.28 0.00	16.37 -0.17 0.00	15.99 -0.15 0.00	17.79 -0.16 0.00	18.34 -0.20 0.00	18.66 -0.13 0.00	19.20 -0.16 0.00	19.63 -0.26 0.00	20.55 -0.29 0.00	20.70 -0.40 0.00	21.71 -0.42 0.00	24.91 -0.46 0.00	28.00 -0.46 0.00	27.93 -0.40 0.00	26.69 -0.38 0.00	25.15 -0.33 0.00	21.31 -0.30 0.00	20.62 -0.25 0.00	20.59 -0.34 0.00
CHAUTAUQUA___LFGE 323629	22.00 -0.13 -0.48	17.50 -0.08 -0.64	15.45 -0.03 -0.66	15.48 -0.01 -0.59	15.52 0.15 -0.32	15.40 0.18 -0.55	16.49 -0.05 -0.01	16.19 -0.02 -0.08	17.84 -0.11 0.00	18.66 0.11 0.00	18.74 -0.06 0.00	19.20 -0.16 0.00	19.81 -0.08 0.00	20.85 0.00 0.00	21.42 0.32 0.00	22.51 0.38 0.00	25.32 -0.25 -0.21	28.28 -0.31 -0.14	28.13 -0.28 -0.08	26.97 -0.30 -0.20	25.48 -0.03 -0.03	22.28 0.67 0.00	21.02 0.15 0.00	21.45 0.52 0.00
CHERRYST_13_KV_LD 356241	26.27 1.67 -2.96	22.12 1.22 -3.96	20.03 1.11 -4.11	19.62 1.06 -3.65	18.03 1.01 -1.97	19.09 0.98 -3.43	17.66 1.07 -0.05	17.78 1.16 -0.48	19.33 1.38 0.00	20.07 1.52 0.00	20.35 1.56 0.00	21.15 1.80 0.00	21.84 1.95 0.00	22.89 2.04 0.00	23.23 2.13 0.00	24.37 2.24 0.00	29.27 2.61 -1.29	32.09 2.79 -0.85	31.44 2.61 -0.51	30.79 2.46 -1.27	27.96 2.29 -0.18	23.49 1.88 0.00	22.77 1.90 0.00	22.67 1.74 0.00
CHESTROR_138KV_BK263 355645	25.50 1.17 -2.69	21.42 0.88 -3.59	19.34 0.80 -3.73	18.98 0.76 -3.31	17.59 0.75 -1.79	18.51 0.72 -3.12	17.34 0.76 -0.05	17.36 0.79 -0.44	18.90 0.95 0.00	19.57 1.02 0.00	19.83 1.03 0.00	20.55 1.20 0.00	21.18 1.29 0.00	22.22 1.38 0.00	22.60 1.50 0.00	23.68 1.55 0.00	28.34 1.80 -1.17	31.22 1.99 -0.77	30.69 1.90 -0.46	30.00 1.79 -1.15	27.28 1.63 -0.17	22.93 1.32 0.00	22.15 1.27 0.00	22.08 1.15 0.00
CH_MIDHUDSON___DRP 24192	26.02 1.34 -3.03	22.03 1.03 -4.05	19.94 0.92 -4.21	19.54 0.89 -3.74	17.91 0.84 -2.01	19.01 0.82 -3.52	17.48 0.89 -0.06	17.53 0.90 -0.49	19.03 1.08 0.00	19.70 1.15 0.00	19.98 1.18 0.00	20.71 1.35 0.00	21.34 1.45 0.00	22.39 1.54 0.00	22.75 1.65 0.00	23.83 1.70 0.00	28.69 2.00 -1.32	31.54 2.22 -0.87	31.00 2.15 -0.52	30.39 2.03 -1.30	27.55 1.89 -0.19	23.12 1.51 0.00	22.33 1.46 0.00	22.29 1.36 0.00
CH_MISC_IPPS 23765	26.08 1.47 -2.96	22.02 1.12 -3.96	19.92 0.99 -4.11	19.53 0.97 -3.65	17.93 0.90 -1.97	18.99 0.88 -3.44	17.53 0.94 -0.05	17.57 0.95 -0.48	19.08 1.13 0.00	19.77 1.22 0.00	20.03 1.24 0.00	20.78 1.43 0.00	21.44 1.55 0.00	22.53 1.69 0.00	22.85 1.75 0.00	23.95 1.82 0.00	28.79 2.13 -1.29	31.72 2.42 -0.85	31.16 2.32 -0.51	30.55 2.22 -1.27	27.70 2.04 -0.18	23.25 1.64 0.00	22.44 1.57 0.00	22.42 1.49 0.00

CH_RES_BVR_FALLS 23983	21.34 -0.30 0.00	16.72 -0.22 0.00	14.61 -0.21 0.00	14.70 -0.21 0.00	14.81 -0.24 0.00	14.45 -0.22 0.00	16.35 -0.18 0.00	15.99 -0.15 0.00	17.79 -0.16 0.00	18.38 -0.17 0.00	18.64 -0.15 0.00	19.24 -0.12 0.00	19.75 -0.14 0.00	20.70 -0.14 0.00	20.91 -0.19 0.00	21.93 -0.20 0.00	24.99 -0.38 0.00	28.03 -0.43 0.00	27.90 -0.42 0.00	26.69 -0.38 0.00	25.12 -0.36 0.00	21.29 -0.32 0.00	20.60 -0.27 0.00	20.62 -0.31 0.00
CH_RES_NIAGARA 23895	21.30 -0.78 -0.43	16.97 -0.54 -0.57	14.96 -0.44 -0.59	15.05 -0.39 -0.53	15.05 -0.29 -0.28	14.95 -0.22 -0.50	15.70 -0.84 -0.01	15.33 -0.87 -0.07	16.82 -1.13 0.00	17.58 -0.97 0.00	17.68 -1.11 0.00	18.09 -1.26 0.00	18.68 -1.21 0.00	19.64 -1.21 0.00	20.15 -0.95 0.00	21.18 -0.95 0.00	24.16 -1.40 -0.19	26.93 -1.65 -0.12	26.76 -1.64 -0.07	25.71 -1.54 -0.18	24.13 -1.38 -0.03	21.05 -0.56 0.00	19.91 -0.96 0.00	20.43 -0.50 0.00
CH_RES_SYRACUSE 23985	22.02 0.09 -0.29	17.38 0.05 -0.39	15.27 0.06 -0.40	15.32 0.06 -0.36	15.31 0.06 -0.19	15.08 0.07 -0.34	16.51 -0.03 -0.01	16.16 -0.02 -0.05	17.90 -0.05 0.00	18.51 -0.04 0.00	18.72 -0.07 0.00	19.20 -0.16 0.00	19.75 -0.14 0.00	20.72 -0.12 0.00	21.06 -0.04 0.00	22.11 -0.02 0.00	25.42 -0.08 -0.13	28.45 -0.09 -0.08	28.32 -0.06 -0.05	27.11 -0.08 -0.12	25.45 -0.05 -0.02	21.65 0.04 0.00	20.81 -0.06 0.00	20.97 0.04 0.00
CLINTON_WT_PWR 323605	21.37 -0.28 0.00	16.74 -0.20 0.00	14.58 -0.24 0.00	14.68 -0.22 0.00	14.80 -0.26 0.00	14.41 -0.26 0.00	16.37 -0.17 0.00	16.00 -0.13 0.00	17.81 -0.14 0.00	18.36 -0.19 0.00	18.68 -0.11 0.00	19.22 -0.13 0.00	19.65 -0.24 0.00	20.57 -0.27 0.00	20.72 -0.38 0.00	21.73 -0.40 0.00	24.93 -0.43 0.00	28.03 -0.43 0.00	27.96 -0.37 0.00	26.71 -0.35 0.00	25.15 -0.33 0.00	21.31 -0.30 0.00	20.62 -0.25 0.00	20.62 -0.31 0.00
CLINTON___LFGE 323618	21.52 -0.13 0.00	16.88 -0.07 0.00	14.68 -0.13 0.00	14.77 -0.13 0.00	14.89 -0.17 0.00	14.48 -0.19 0.00	16.45 -0.08 0.00	16.10 -0.03 0.00	17.90 -0.05 0.00	18.47 -0.07 0.00	18.79 0.00 0.00	19.33 -0.02 0.00	19.77 -0.12 0.00	20.70 -0.14 0.00	20.87 -0.23 0.00	21.87 -0.26 0.00	25.09 -0.28 0.00	28.20 -0.26 0.00	28.16 -0.17 0.00	26.90 -0.16 0.00	25.35 -0.13 0.00	21.50 -0.11 0.00	20.77 -0.10 0.00	20.76 -0.17 0.00
COBBLENY_34_KV_TB1 80064	21.69 -0.43 -0.48	17.25 -0.34 -0.64	15.23 -0.25 -0.67	15.26 -0.24 -0.59	15.27 -0.11 -0.32	15.17 -0.06 -0.56	16.28 -0.26 -0.01	15.76 -0.45 -0.08	17.57 -0.38 0.00	18.36 -0.19 0.00	18.46 -0.34 0.00	18.89 -0.46 0.00	19.53 -0.36 0.00	20.49 -0.35 0.00	21.10 0.00 0.00	22.20 0.07 0.00	24.89 -0.68 -0.21	27.77 -0.83 -0.14	27.65 -0.76 -0.08	26.54 -0.73 -0.21	25.02 -0.48 -0.03	22.00 0.39 0.00	20.77 -0.10 0.00	21.08 0.15 0.00
COFFEEN___115KV_TB3 355620	21.91 0.11 -0.16	17.19 0.03 -0.21	15.03 0.00 -0.22	15.09 -0.01 -0.19	15.17 0.02 -0.10	14.88 0.03 -0.18	16.50 -0.03 0.00	16.01 -0.15 -0.03	17.72 -0.23 0.00	18.23 -0.32 0.00	18.46 -0.34 0.00	19.00 -0.35 0.00	19.45 -0.44 0.00	20.41 -0.44 0.00	20.64 -0.46 0.00	21.75 -0.38 0.00	24.93 -0.51 -0.07	28.16 -0.34 -0.04	28.27 -0.08 -0.03	27.29 0.16 -0.07	25.74 0.25 -0.01	21.85 0.24 0.00	20.91 0.04 0.00	20.87 -0.06 0.00
COLDSPRG_115KV_BK1 355956	22.04 -0.11 -0.50	17.53 -0.08 -0.67	15.49 -0.01 -0.70	15.50 -0.03 -0.62	15.52 0.14 -0.33	15.44 0.19 -0.58	16.76 0.21 -0.01	16.09 -0.13 -0.08	18.13 0.18 0.00	18.95 0.41 0.00	19.00 0.21 0.00	19.49 0.14 0.00	20.13 0.24 0.00	21.10 0.25 0.00	21.75 0.65 0.00	22.86 0.73 0.00	25.41 -0.18 -0.22	28.40 -0.20 -0.14	28.27 -0.14 -0.09	27.09 -0.19 -0.22	25.59 0.08 -0.03	22.65 1.04 0.00	21.33 0.46 0.00	21.60 0.67 0.00
COLONIE_LFGE___ 323577	26.37 0.87 -3.86	22.80 0.69 -5.16	20.76 0.59 -5.36	20.26 0.60 -4.76	18.22 0.60 -2.56	19.75 0.60 -4.48	17.27 0.66 -0.07	17.39 0.63 -0.63	18.69 0.74 0.00	19.27 0.72 0.00	19.55 0.75 0.00	20.20 0.85 0.00	20.81 0.92 0.00	21.83 0.98 0.00	22.13 1.03 0.00	23.15 1.02 0.00	28.29 1.24 -1.68	30.98 1.42 -1.10	30.46 1.47 -0.66	30.12 1.41 -1.65	27.07 1.35 -0.24	22.65 1.04 0.00	21.83 0.96 0.00	21.87 0.94 0.00
COOPERNY_115KV_TB1 80082	24.56 0.91 -2.01	20.31 0.68 -2.68	18.22 0.62 -2.79	17.98 0.60 -2.48	16.98 0.59 -1.33	17.56 0.56 -2.33	17.16 0.60 -0.04	17.07 0.61 -0.33	18.69 0.74 0.00	19.34 0.80 0.00	19.60 0.81 0.00	20.28 0.93 0.00	20.91 1.01 0.00	21.91 1.06 0.00	22.26 1.16 0.00	23.35 1.22 0.00	27.64 1.40 -0.88	30.57 1.54 -0.57	30.15 1.47 -0.34	29.30 1.38 -0.86	26.85 1.25 -0.13	22.62 1.02 0.00	21.83 0.96 0.00	21.81 0.88 0.00
COPENHAGEN_WT_PWR 323753	21.72 -0.09 -0.16	17.06 -0.10 -0.22	14.92 -0.12 -0.22	14.97 -0.13 -0.20	15.06 -0.10 -0.11	14.75 -0.10 -0.19	16.37 -0.17 0.00	15.92 -0.24 -0.03	17.61 -0.34 0.00	18.14 -0.41 0.00	18.36 -0.43 0.00	18.91 -0.44 0.00	19.36 -0.54 0.00	20.30 -0.54 0.00	20.53 -0.57 0.00	21.62 -0.51 0.00	24.80 -0.63 -0.07	27.96 -0.54 -0.05	28.02 -0.34 -0.03	27.03 -0.11 -0.07	25.46 -0.03 -0.01	21.61 0.00 0.00	20.73 -0.15 0.00	20.76 -0.17 0.00
CORNELL_____ 23752	22.71 0.45 -0.61	18.12 0.36 -0.82	15.99 0.33 -0.85	15.99 0.33 -0.75	15.81 0.35 -0.41	15.73 0.35 -0.71	16.84 0.30 -0.01	16.47 0.24 -0.10	18.20 0.25 0.00	18.82 0.28 0.00	19.00 0.21 0.00	19.53 0.17 0.00	20.09 0.20 0.00	21.05 0.21 0.00	21.44 0.34 0.00	22.55 0.42 0.00	26.01 0.38 -0.27	29.17 0.54 -0.17	29.06 0.62 -0.10	27.95 0.62 -0.26	26.15 0.64 -0.04	22.28 0.67 0.00	21.33 0.46 0.00	21.39 0.46 0.00
CORONAAV_69_KV_TB1 355595	26.57 1.95 -2.98	22.60 1.49 -4.16	23.47 1.33 -7.32	20.79 1.28 -4.60	18.32 1.28 -1.98	20.00 1.23 -4.10	17.96 1.37 -0.05	18.02 1.40 -0.48	19.60 1.63 -0.02	21.80 1.74 -1.51	22.69 1.71 -2.19	24.74 1.92 -3.47	25.68 2.05 -3.74	26.24 2.17 -3.23	26.46 2.30 -3.06	29.04 2.41 -4.50	53.77 2.82 -25.59	52.18 3.10 -20.62	57.42 2.95 -26.15	42.32 2.81 -12.44	39.89 2.62 -11.79	27.10 2.16 -3.33	27.04 2.17 -3.99	26.01 2.03 -3.05
CORTLAND_115KV_TB3 80093	22.41 0.26 -0.50	17.82 0.20 -0.67	15.70 0.19 -0.69	15.72 0.19 -0.62	15.58 0.20 -0.33	15.47 0.22 -0.58	16.69 0.15 -0.01	16.33 0.11 -0.08	18.08 0.13 0.00	18.69 0.15 0.00	18.91 0.11 0.00	19.43 0.08 0.00	19.99 0.10 0.00	20.95 0.10 0.00	21.33 0.23 0.00	22.42 0.29 0.00	25.81 0.23 -0.22	28.88 0.28 -0.14	28.75 0.34 -0.09	27.60 0.32 -0.21	25.87 0.36 -0.03	22.04 0.43 0.00	21.12 0.25 0.00	21.18 0.25 0.00
COXSACKIE___GT 23611	26.53 1.32 -3.56	22.68 0.98 -4.76	20.55 0.80 -4.94	20.12 0.82 -4.39	18.22 0.80 -2.36	19.55 0.75 -4.13	17.51 0.91 -0.07	17.54 0.82 -0.58	18.85 0.90 0.00	19.40 0.85 0.00	19.60 0.81 0.00	20.30 0.95 0.00	20.92 1.03 0.00	21.95 1.10 0.00	22.26 1.16 0.00	23.35 1.22 0.00	28.42 1.50 -1.55	31.41 1.94 -1.02	31.03 2.10 -0.61	30.67 2.08 -1.52	27.81 2.11 -0.22	23.23 1.62 0.00	22.27 1.40 0.00	22.27 1.34 0.00

CPV_VALLEY___CC1 323721	25.11 1.02 -2.45	20.99 0.78 -3.27	18.92 0.71 -3.40	18.61 0.69 -3.02	17.34 0.66 -1.62	18.15 0.64 -2.84	17.27 0.69 -0.04	17.22 0.69 -0.40	18.81 0.86 0.00	19.47 0.93 0.00	19.75 0.96 0.00	20.45 1.10 0.00	21.08 1.19 0.00	22.14 1.29 0.00	22.47 1.37 0.00	23.55 1.42 0.00	28.08 1.65 -1.07	30.98 1.82 -0.70	30.45 1.70 -0.42	29.71 1.60 -1.05	27.06 1.43 -0.15	22.75 1.14 0.00	21.96 1.08 0.00	21.96 1.03 0.00
CPV_VALLEY___CC2 323722	25.11 1.02 -2.45	20.99 0.78 -3.27	18.92 0.71 -3.40	18.61 0.69 -3.02	17.34 0.66 -1.62	18.15 0.64 -2.84	17.27 0.69 -0.04	17.22 0.69 -0.40	18.81 0.86 0.00	19.47 0.93 0.00	19.75 0.96 0.00	20.45 1.10 0.00	21.08 1.19 0.00	22.14 1.29 0.00	22.47 1.37 0.00	23.55 1.42 0.00	28.08 1.65 -1.07	30.98 1.82 -0.70	30.45 1.70 -0.42	29.71 1.60 -1.05	27.06 1.43 -0.15	22.75 1.14 0.00	21.96 1.08 0.00	21.96 1.03 0.00
CRESCENT___HYD 24018	26.37 0.87 -3.86	22.80 0.69 -5.16	20.76 0.59 -5.36	20.26 0.60 -4.76	18.22 0.60 -2.56	19.75 0.60 -4.48	17.27 0.66 -0.07	17.39 0.63 -0.63	18.69 0.74 0.00	19.27 0.72 0.00	19.55 0.75 0.00	20.20 0.85 0.00	20.81 0.92 0.00	21.83 0.98 0.00	22.13 1.03 0.00	23.15 1.02 0.00	28.29 1.24 -1.68	30.98 1.42 -1.10	30.46 1.47 -0.66	30.12 1.41 -1.65	27.07 1.35 -0.24	22.65 1.04 0.00	21.83 0.96 0.00	21.87 0.94 0.00
CRICKET___VALLEY_CC1 323756	25.82 1.02 -3.16	21.99 0.83 -4.22	19.94 0.74 -4.38	19.53 0.73 -3.89	17.88 0.72 -2.10	19.02 0.69 -3.66	17.37 0.78 -0.06	17.41 0.76 -0.51	18.86 0.91 0.00	19.49 0.95 0.00	19.77 0.98 0.00	20.49 1.14 0.00	21.10 1.21 0.00	22.16 1.31 0.00	22.45 1.35 0.00	23.48 1.35 0.00	28.34 1.60 -1.38	31.12 1.76 -0.90	30.60 1.73 -0.54	30.07 1.65 -1.35	27.20 1.53 -0.20	22.80 1.19 0.00	22.06 1.19 0.00	22.08 1.15 0.00
CRICKET___VALLEY_CC2 323757	25.82 1.02 -3.16	21.99 0.83 -4.22	19.94 0.74 -4.38	19.53 0.73 -3.89	17.88 0.72 -2.10	19.02 0.69 -3.66	17.37 0.78 -0.06	17.41 0.76 -0.51	18.86 0.91 0.00	19.49 0.95 0.00	19.77 0.98 0.00	20.49 1.14 0.00	21.10 1.21 0.00	22.16 1.31 0.00	22.45 1.35 0.00	23.48 1.35 0.00	28.34 1.60 -1.38	31.12 1.76 -0.90	30.60 1.73 -0.54	30.07 1.65 -1.35	27.20 1.53 -0.20	22.80 1.19 0.00	22.06 1.19 0.00	22.08 1.15 0.00
CRICKET___VALLEY_CC3 323758	25.82 1.02 -3.16	21.99 0.83 -4.22	19.94 0.74 -4.38	19.53 0.73 -3.89	17.88 0.72 -2.10	19.02 0.69 -3.66	17.37 0.78 -0.06	17.41 0.76 -0.51	18.86 0.91 0.00	19.49 0.95 0.00	19.77 0.98 0.00	20.49 1.14 0.00	21.10 1.21 0.00	22.16 1.31 0.00	22.45 1.35 0.00	23.48 1.35 0.00	28.34 1.60 -1.38	31.12 1.76 -0.90	30.60 1.73 -0.54	30.07 1.65 -1.35	27.20 1.53 -0.20	22.80 1.19 0.00	22.06 1.19 0.00	22.08 1.15 0.00
CRUCIBLE_METL_DRP 24180	22.00 0.06 -0.29	17.38 0.05 -0.39	15.27 0.06 -0.40	15.32 0.06 -0.36	15.31 0.06 -0.19	15.08 0.07 -0.34	16.51 -0.03 -0.01	16.15 -0.03 -0.05	17.90 -0.05 0.00	18.51 -0.04 0.00	18.72 -0.08 0.00	19.20 -0.15 0.00	19.75 -0.14 0.00	20.70 -0.15 0.00	21.06 -0.04 0.00	22.11 -0.02 0.00	25.42 -0.08 -0.13	28.45 -0.09 -0.08	28.32 -0.06 -0.05	27.11 -0.08 -0.12	25.45 -0.05 -0.02	21.65 0.04 0.00	20.81 -0.06 0.00	20.89 -0.04 0.00
DAHOWA___HYDRO 323763	26.59 1.02 -3.93	22.96 0.76 -5.25	20.93 0.67 -5.45	20.39 0.64 -4.84	18.36 0.69 -2.61	19.90 0.68 -4.55	17.30 0.69 -0.07	17.43 0.66 -0.64	18.72 0.77 0.00	19.31 0.76 0.00	19.56 0.77 0.00	20.22 0.87 0.00	20.83 0.94 0.00	21.85 1.00 0.00	22.13 1.03 0.00	23.19 1.06 0.00	28.40 1.32 -1.71	31.17 1.59 -1.12	30.70 1.70 -0.67	30.37 1.62 -1.68	27.33 1.61 -0.24	22.84 1.23 0.00	21.98 1.11 0.00	21.96 1.03 0.00
DANC___LFGE 323619	21.71 -0.13 -0.19	17.08 -0.12 -0.25	14.94 -0.13 -0.26	15.00 -0.13 -0.23	15.08 -0.10 -0.12	14.79 -0.10 -0.22	16.34 -0.20 0.00	15.92 -0.24 -0.03	17.63 -0.32 0.00	18.18 -0.37 0.00	18.40 -0.40 0.00	18.91 -0.44 0.00	19.39 -0.50 0.00	20.32 -0.52 0.00	20.59 -0.51 0.00	21.64 -0.49 0.00	24.84 -0.61 -0.08	27.94 -0.57 -0.05	27.94 -0.42 -0.03	26.87 -0.27 -0.08	25.31 -0.18 -0.01	21.50 -0.11 0.00	20.64 -0.23 0.00	20.72 -0.21 0.00
DANSKAMMER___1 23586	26.08 1.47 -2.96	22.02 1.12 -3.96	19.92 0.99 -4.11	19.53 0.97 -3.65	17.93 0.90 -1.97	18.99 0.88 -3.44	17.53 0.94 -0.05	17.57 0.95 -0.48	19.08 1.13 0.00	19.77 1.22 0.00	20.03 1.24 0.00	20.78 1.43 0.00	21.44 1.55 0.00	22.53 1.69 0.00	22.85 1.75 0.00	23.95 1.82 0.00	28.79 2.13 -1.29	31.72 2.42 -0.85	31.16 2.32 -0.51	30.55 2.22 -1.27	27.70 2.04 -0.18	23.25 1.64 0.00	22.44 1.57 0.00	22.42 1.49 0.00
DANSKAMMER___2 23589	26.08 1.47 -2.96	22.02 1.12 -3.96	19.92 0.99 -4.11	19.53 0.97 -3.65	17.93 0.90 -1.97	18.99 0.88 -3.44	17.53 0.94 -0.05	17.57 0.95 -0.48	19.08 1.13 0.00	19.77 1.22 0.00	20.03 1.24 0.00	20.78 1.43 0.00	21.44 1.55 0.00	22.53 1.69 0.00	22.85 1.75 0.00	23.95 1.82 0.00	28.79 2.13 -1.29	31.72 2.42 -0.85	31.16 2.32 -0.51	30.55 2.22 -1.27	27.70 2.04 -0.18	23.25 1.64 0.00	22.44 1.57 0.00	22.42 1.49 0.00
DANSKAMMER___3 23590	26.08 1.47 -2.96	22.02 1.12 -3.96	19.92 0.99 -4.11	19.53 0.97 -3.65	17.93 0.90 -1.97	18.99 0.88 -3.44	17.53 0.94 -0.05	17.57 0.95 -0.48	19.08 1.13 0.00	19.77 1.22 0.00	20.03 1.24 0.00	20.78 1.43 0.00	21.44 1.55 0.00	22.53 1.69 0.00	22.85 1.75 0.00	23.95 1.82 0.00	28.79 2.13 -1.29	31.72 2.42 -0.85	31.16 2.32 -0.51	30.55 2.22 -1.27	27.70 2.04 -0.18	23.25 1.64 0.00	22.44 1.57 0.00	22.42 1.49 0.00
DANSKAMMER___4 23591	26.08 1.47 -2.96	22.02 1.12 -3.96	19.92 0.99 -4.11	19.53 0.97 -3.65	17.93 0.90 -1.97	18.99 0.88 -3.44	17.53 0.94 -0.05	17.57 0.95 -0.48	19.08 1.13 0.00	19.77 1.22 0.00	20.03 1.24 0.00	20.78 1.43 0.00	21.44 1.55 0.00	22.53 1.69 0.00	22.85 1.75 0.00	23.95 1.82 0.00	28.79 2.13 -1.29	31.72 2.42 -0.85	31.16 2.32 -0.51	30.55 2.22 -1.27	27.70 2.04 -0.18	23.25 1.64 0.00	22.44 1.57 0.00	22.42 1.49 0.00
DANSKAMMER___DIESEL 23592	26.08 1.47 -2.96	22.02 1.12 -3.96	19.92 0.99 -4.11	19.51 0.95 -3.65	17.93 0.90 -1.97	18.99 0.88 -3.44	17.53 0.94 -0.05	17.57 0.95 -0.48	19.08 1.13 0.00	19.77 1.22 0.00	20.03 1.24 0.00	20.78 1.43 0.00	21.44 1.55 0.00	22.47 1.63 0.00	22.85 1.75 0.00	23.95 1.81 0.00	28.79 2.13 -1.29	31.72 2.42 -0.85	31.16 2.32 -0.51	30.55 2.22 -1.27	27.70 2.04 -0.18	23.25 1.64 0.00	22.44 1.57 0.00	22.37 1.44 0.00
DARBY___SOLAR 323810	26.56 1.00 -3.92	22.94 0.76 -5.24	20.90 0.65 -5.44	20.38 0.64 -4.83	18.35 0.69 -2.60	19.87 0.66 -4.54	17.30 0.69 -0.07	17.43 0.66 -0.64	18.72 0.77 0.00	19.33 0.78 0.00	19.60 0.81 0.00	20.24 0.89 0.00	20.85 0.95 0.00	21.87 1.02 0.00	22.15 1.05 0.00	23.21 1.08 0.00	28.42 1.34 -1.71	31.17 1.59 -1.12	30.67 1.67 -0.67	30.34 1.60 -1.68	27.28 1.55 -0.24	22.82 1.21 0.00	21.96 1.08 0.00	21.96 1.03 0.00

DASHVILLE___HYD 23610	25.80 1.08 -3.07	21.87 0.83 -4.10	19.81 0.74 -4.26	19.40 0.72 -3.78	17.71 0.62 -2.04	18.84 0.62 -3.56	17.38 0.79 -0.06	17.31 0.68 -0.50	18.88 0.93 0.00	19.57 1.02 0.00	19.83 1.03 0.00	20.57 1.22 0.00	21.22 1.33 0.00	22.24 1.40 0.00	22.62 1.52 0.00	23.70 1.57 0.00	28.43 1.72 -1.34	31.24 1.91 -0.88	30.67 1.81 -0.53	30.11 1.73 -1.31	27.33 1.66 -0.19	23.01 1.40 0.00	22.25 1.38 0.00	22.21 1.28 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	27.96 3.33 -2.98	23.57 2.46 -4.17	24.35 2.22 -7.32	21.69 2.18 -4.60	19.28 2.24 -1.98	20.88 2.11 -4.10	18.90 2.31 -0.05	18.97 2.36 -0.48	20.70 2.73 -0.02	22.95 2.89 -1.51	23.93 2.95 -2.19	26.07 3.23 -3.48	36.69 3.44 -13.35	27.62 3.54 -3.23	27.86 3.69 -3.07	38.69 3.98 -12.58	55.57 4.62 -25.59	54.35 5.26 -20.63	59.59 5.10 -26.16	44.25 4.74 -12.45	41.65 4.38 -11.79	39.31 3.67 -14.02	28.30 3.42 -4.00	27.23 3.24 -3.05
DELAWARE___LFGE 323621	23.48 0.76 -1.07	18.95 0.58 -1.43	16.82 0.52 -1.49	16.75 0.52 -1.32	16.28 0.51 -0.71	16.44 0.53 -1.24	17.11 0.56 -0.02	16.82 0.52 -0.17	18.56 0.61 0.00	19.21 0.67 0.00	19.45 0.66 0.00	20.09 0.74 0.00	20.69 0.80 0.00	21.68 0.83 0.00	22.01 0.91 0.00	23.10 0.97 0.00	26.87 1.04 -0.47	29.96 1.20 -0.31	29.67 1.16 -0.18	28.66 1.14 -0.46	26.64 1.10 -0.07	22.54 0.93 0.00	21.69 0.81 0.00	21.68 0.75 0.00
DERFIELD_115KV_TB7 355931	21.73 0.09 0.00	17.01 0.07 0.00	14.87 0.06 0.00	14.97 0.06 0.00	15.12 0.06 0.00	14.74 0.07 0.00	16.58 0.05 0.00	16.18 0.05 0.00	18.00 0.05 0.00	18.60 0.06 0.00	18.85 0.06 0.00	19.43 0.08 0.00	19.97 0.08 0.00	20.93 0.08 0.00	21.21 0.11 0.00	22.26 0.13 0.00	25.49 0.13 0.00	28.60 0.14 0.00	28.47 0.14 0.00	27.23 0.16 0.00	25.61 0.13 0.00	21.72 0.11 0.00	20.96 0.08 0.00	20.99 0.06 0.00
DOGLEVILLE___HYD 23807	21.84 0.19 0.00	17.11 0.17 0.00	14.96 0.15 0.00	15.06 0.15 0.00	15.18 0.12 0.00	14.83 0.16 0.00	16.70 0.17 0.00	16.26 0.13 0.00	18.11 0.16 0.00	18.73 0.19 0.00	18.96 0.17 0.00	19.57 0.21 0.00	20.13 0.24 0.00	21.05 0.21 0.00	21.29 0.19 0.00	22.35 0.22 0.00	25.57 0.20 0.00	28.71 0.26 0.00	28.61 0.28 0.00	27.36 0.30 0.00	25.76 0.28 0.00	21.87 0.26 0.00	21.08 0.21 0.00	21.14 0.21 0.00
DUNKIRK___115KV_TB_200 55889	21.95 -0.17 -0.48	17.46 -0.12 -0.64	15.42 -0.06 -0.66	15.45 -0.04 -0.59	15.49 0.12 -0.32	15.37 0.15 -0.55	16.46 -0.08 -0.01	16.00 -0.21 -0.08	17.81 -0.14 0.00	18.62 0.07 0.00	18.70 -0.09 0.00	19.16 -0.19 0.00	19.77 -0.12 0.00	20.74 -0.10 0.00	21.37 0.27 0.00	22.46 0.33 0.00	25.27 -0.30 -0.21	28.22 -0.37 -0.14	28.07 -0.34 -0.08	26.92 -0.35 -0.20	25.33 -0.18 -0.03	22.24 0.63 0.00	20.98 0.10 0.00	21.27 0.33 0.00
DUNKIRK___1 23563	21.95 -0.17 -0.48	17.46 -0.12 -0.64	15.42 -0.06 -0.66	15.45 -0.04 -0.59	15.49 0.12 -0.32	15.37 0.15 -0.55	16.46 -0.08 -0.01	16.00 -0.21 -0.08	17.81 -0.14 0.00	18.62 0.07 0.00	18.70 -0.09 0.00	19.16 -0.19 0.00	19.77 -0.12 0.00	20.74 -0.10 0.00	21.37 0.27 0.00	22.46 0.33 0.00	25.27 -0.30 -0.21	28.22 -0.37 -0.14	28.07 -0.34 -0.08	26.92 -0.35 -0.20	25.33 -0.18 -0.03	22.24 0.63 0.00	20.98 0.10 0.00	21.27 0.33 0.00
DUNKIRK___2 23564	21.95 -0.17 -0.48	17.46 -0.12 -0.64	15.42 -0.06 -0.66	15.45 -0.04 -0.59	15.49 0.12 -0.32	15.37 0.15 -0.55	16.46 -0.08 -0.01	16.00 -0.21 -0.08	17.81 -0.14 0.00	18.62 0.07 0.00	18.70 -0.09 0.00	19.16 -0.19 0.00	19.77 -0.12 0.00	20.74 -0.10 0.00	21.37 0.27 0.00	22.46 0.33 0.00	25.27 -0.30 -0.21	28.22 -0.37 -0.14	28.07 -0.34 -0.08	26.92 -0.35 -0.20	25.33 -0.18 -0.03	22.24 0.63 0.00	20.98 0.10 0.00	21.27 0.33 0.00
DUNKIRK___3 23565	21.80 -0.32 -0.48	17.34 -0.24 -0.64	15.33 -0.15 -0.66	15.36 -0.13 -0.59	15.39 0.02 -0.32	15.25 0.03 -0.55	16.36 -0.18 -0.01	15.87 -0.34 -0.08	17.68 -0.27 0.00	18.47 -0.07 0.00	18.57 -0.23 0.00	19.02 -0.33 0.00	19.63 -0.26 0.00	20.59 -0.25 0.00	21.23 0.13 0.00	22.31 0.18 0.00	25.09 -0.48 -0.21	28.00 -0.60 -0.14	27.84 -0.57 -0.08	26.70 -0.57 -0.20	25.15 -0.36 -0.03	22.08 0.48 0.00	20.85 -0.02 0.00	21.14 0.21 0.00
DUNKIRK___4 23566	21.80 -0.32 -0.48	17.34 -0.24 -0.64	15.33 -0.15 -0.66	15.36 -0.13 -0.59	15.39 0.02 -0.32	15.25 0.03 -0.55	16.36 -0.18 -0.01	15.87 -0.34 -0.08	17.68 -0.27 0.00	18.47 -0.07 0.00	18.57 -0.23 0.00	19.02 -0.33 0.00	19.63 -0.26 0.00	20.59 -0.25 0.00	21.23 0.13 0.00	22.31 0.18 0.00	25.09 -0.48 -0.21	28.00 -0.60 -0.14	27.84 -0.57 -0.08	26.70 -0.57 -0.20	25.15 -0.36 -0.03	22.08 0.48 0.00	20.85 -0.02 0.00	21.14 0.21 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	26.10 1.49 -2.96	22.02 1.12 -3.96	19.94 1.02 -4.11	19.53 0.97 -3.65	17.97 0.95 -1.97	19.01 0.91 -3.43	17.60 1.01 -0.05	17.68 1.06 -0.48	19.21 1.26 0.00	19.92 1.37 0.00	20.20 1.41 0.00	20.98 1.63 0.00	21.62 1.73 0.00	22.68 1.83 0.00	23.04 1.94 0.00	24.14 2.01 0.00	28.99 2.33 -1.29	31.86 2.56 -0.85	31.24 2.41 -0.51	30.61 2.27 -1.27	27.78 2.11 -0.18	23.34 1.73 0.00	22.56 1.69 0.00	22.50 1.57 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.79 1.30 -2.85	21.73 0.98 -3.81	19.65 0.89 -3.95	19.27 0.85 -3.51	17.76 0.81 -1.89	18.75 0.78 -3.30	17.43 0.84 -0.05	17.45 0.86 -0.46	18.97 1.02 0.00	19.66 1.11 0.00	19.92 1.13 0.00	20.67 1.32 0.00	21.30 1.41 0.00	22.35 1.50 0.00	22.72 1.62 0.00	23.81 1.68 0.00	28.56 1.95 -1.24	31.46 2.19 -0.81	30.91 2.10 -0.49	30.26 1.98 -1.22	27.46 1.81 -0.18	23.08 1.47 0.00	22.27 1.40 0.00	22.23 1.30 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	26.33 1.71 -2.97	22.16 1.25 -3.97	20.06 1.13 -4.12	19.63 1.06 -3.66	18.07 1.04 -1.97	19.04 0.94 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.12 1.17 0.00	19.84 1.30 0.00	20.20 1.41 0.00	21.04 1.68 0.00	21.74 1.85 0.00	22.80 1.96 0.00	23.08 1.98 0.00	24.21 2.08 0.00	29.14 2.49 -1.29	31.92 2.62 -0.85	31.10 2.27 -0.51	30.47 2.14 -1.27	27.68 2.01 -0.18	23.25 1.64 0.00	22.69 1.82 0.00	22.73 1.80 0.00
E179THST_13_KV_LOAD 356214	26.43 1.82 -2.97	22.23 1.32 -3.97	20.12 1.19 -4.12	19.68 1.12 -3.66	18.13 1.10 -1.97	19.10 1.00 -3.43	17.56 0.98 -0.05	17.71 1.10 -0.48	19.21 1.26 0.00	19.94 1.39 0.00	20.30 1.50 0.00	21.13 1.78 0.00	21.84 1.95 0.00	22.91 2.06 0.00	23.19 2.09 0.00	24.32 2.19 0.00	29.27 2.61 -1.29	32.09 2.79 -0.85	31.24 2.41 -0.51	30.61 2.27 -1.27	27.80 2.14 -0.18	23.36 1.75 0.00	22.79 1.92 0.00	22.84 1.90 0.00
EAST HAMPTON___GT 23717	28.37 3.75 -2.98	23.90 2.79 -4.17	24.64 2.50 -7.32	21.95 2.44 -4.60	19.54 2.50 -1.98	21.15 2.38 -4.10	19.19 2.60 -0.06	19.27 2.65 -0.49	21.06 3.09 -0.02	23.34 3.28 -1.51	24.33 3.35 -2.19	26.49 3.66 -3.48	37.12 3.88 -13.35	28.14 4.07 -3.23	28.35 4.18 -3.07	39.23 4.51 -12.58	56.21 5.25 -25.59	55.09 6.00 -20.63	60.29 5.81 -26.16	44.90 5.39 -12.45	42.27 4.99 -11.79	39.76 4.13 -14.03	28.71 3.84 -4.00	27.69 3.71 -3.05

EAST RIVER___6 23660	26.27 1.67 -2.96	22.14 1.24 -3.96	20.03 1.11 -4.11	19.60 1.04 -3.65	18.03 1.01 -1.97	19.09 0.98 -3.43	17.65 1.06 -0.05	17.74 1.13 -0.48	19.31 1.36 0.00	20.05 1.50 0.00	20.34 1.54 0.00	21.13 1.78 0.00	21.80 1.91 0.00	22.91 2.06 0.00	23.19 2.09 0.00	24.34 2.21 0.00	29.22 2.56 -1.29	32.04 2.73 -0.85	31.41 2.58 -0.51	30.74 2.41 -1.27	27.93 2.27 -0.18	23.47 1.86 0.00	22.75 1.88 0.00	22.71 1.78 0.00
EAST RIVER___7 23524	26.27 1.67 -2.96	22.14 1.24 -3.96	20.03 1.11 -4.11	19.60 1.04 -3.65	18.03 1.01 -1.97	19.09 0.98 -3.43	17.65 1.06 -0.05	17.74 1.13 -0.48	19.31 1.36 0.00	20.05 1.50 0.00	20.34 1.54 0.00	21.13 1.78 0.00	21.80 1.91 0.00	22.91 2.06 0.00	23.19 2.09 0.00	24.34 2.21 0.00	29.22 2.56 -1.29	32.04 2.73 -0.85	31.41 2.58 -0.51	30.74 2.41 -1.27	27.93 2.27 -0.18	23.47 1.86 0.00	22.75 1.88 0.00	22.71 1.78 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	26.05 1.45 -2.95	21.97 1.08 -3.95	19.90 0.99 -4.10	19.49 0.94 -3.64	17.93 0.92 -1.96	18.97 0.88 -3.42	17.55 0.96 -0.05	17.63 1.02 -0.48	19.17 1.22 0.00	19.84 1.30 0.00	20.15 1.35 0.00	20.90 1.55 0.00	21.56 1.67 0.00	22.60 1.75 0.00	22.98 1.88 0.00	24.08 1.95 0.00	28.91 2.26 -1.29	31.78 2.48 -0.84	31.16 2.32 -0.51	30.52 2.19 -1.26	27.70 2.04 -0.18	23.27 1.66 0.00	22.50 1.63 0.00	22.44 1.51 0.00
EAST_HAMPTON___DIESEL 23722	28.37 3.75 -2.98	23.90 2.79 -4.17	24.65 2.52 -7.32	21.95 2.44 -4.60	19.54 2.50 -1.98	21.15 2.38 -4.10	19.21 2.61 -0.06	19.27 2.65 -0.49	21.07 3.11 -0.02	23.34 3.28 -1.51	24.35 3.36 -2.19	26.49 3.66 -3.48	37.12 3.88 -13.35	28.16 4.09 -3.23	28.35 4.18 -3.07	39.23 4.51 -12.58	56.21 5.25 -25.59	55.09 6.00 -20.63	60.32 5.83 -26.16	44.90 5.39 -12.45	42.27 4.99 -11.79	39.76 4.13 -14.03	28.73 3.86 -4.00	27.71 3.73 -3.05
EAST_PULASKI___ESR 323781	21.73 -0.13 -0.21	17.13 -0.10 -0.29	15.01 -0.10 -0.30	15.07 -0.10 -0.26	15.12 -0.08 -0.14	14.84 -0.07 -0.25	16.34 -0.20 0.00	15.96 -0.21 -0.03	17.66 -0.29 0.00	18.25 -0.30 0.00	18.46 -0.34 0.00	18.95 -0.41 0.00	19.47 -0.42 0.00	20.39 -0.46 0.00	20.70 -0.40 0.00	21.73 -0.40 0.00	24.95 -0.51 -0.09	28.01 -0.51 -0.06	27.94 -0.42 -0.04	26.80 -0.35 -0.09	25.21 -0.28 -0.01	21.44 -0.17 0.00	20.60 -0.27 0.00	20.66 -0.27 0.00
EAST_RIVER___1 323558	26.19 1.58 -2.96	22.07 1.17 -3.96	19.99 1.07 -4.11	19.57 1.01 -3.65	18.00 0.98 -1.97	19.04 0.94 -3.43	17.61 1.03 -0.05	17.71 1.10 -0.48	19.28 1.33 0.00	20.01 1.46 0.00	20.30 1.50 0.00	21.09 1.74 0.00	21.76 1.87 0.00	22.89 2.04 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.19 2.54 -1.29	32.01 2.70 -0.85	31.36 2.52 -0.51	30.69 2.35 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.69 1.81 0.00	22.65 1.72 0.00
EAST_RIVER___2 323559	26.27 1.67 -2.96	22.14 1.24 -3.96	20.03 1.11 -4.11	19.60 1.04 -3.65	18.03 1.01 -1.97	19.09 0.98 -3.43	17.65 1.06 -0.05	17.74 1.13 -0.48	19.31 1.36 0.00	20.05 1.50 0.00	20.34 1.54 0.00	21.13 1.78 0.00	21.80 1.91 0.00	22.91 2.06 0.00	23.19 2.09 0.00	24.34 2.21 0.00	29.22 2.56 -1.29	32.04 2.73 -0.85	31.41 2.58 -0.51	30.74 2.41 -1.27	27.93 2.27 -0.18	23.47 1.86 0.00	22.75 1.88 0.00	22.71 1.78 0.00
EAST___DELAWARE_HYD 23607	25.75 1.54 -2.57	21.53 1.15 -3.44	19.39 1.01 -3.57	19.06 0.98 -3.17	17.60 0.84 -1.71	18.53 0.88 -2.98	17.52 0.94 -0.05	17.49 0.94 -0.42	19.04 1.10 0.00	19.73 1.19 0.00	19.98 1.18 0.00	20.73 1.37 0.00	21.36 1.47 0.00	22.47 1.63 0.00	22.81 1.71 0.00	23.92 1.79 0.00	28.59 2.10 -1.12	31.58 2.39 -0.73	31.12 2.35 -0.44	30.44 2.27 -1.10	27.73 2.09 -0.16	23.32 1.71 0.00	22.46 1.59 0.00	22.44 1.51 0.00
EIGHT_POINT___WT_PWR 323820	22.35 0.13 -0.57	17.82 0.12 -0.76	15.75 0.15 -0.79	15.76 0.15 -0.70	15.64 0.21 -0.38	15.61 0.28 -0.66	16.67 0.13 -0.01	16.35 0.13 -0.09	17.99 0.04 0.00	18.71 0.17 0.00	18.81 0.02 0.00	19.31 -0.04 0.00	19.91 0.02 0.00	20.95 0.10 0.00	21.48 0.38 0.00	22.60 0.47 0.00	25.61 0.00 -0.25	28.70 0.09 -0.16	28.60 0.17 -0.10	27.44 0.14 -0.24	25.90 0.38 -0.04	22.43 0.82 0.00	21.27 0.40 0.00	21.58 0.65 0.00
ELBRIDGE_115KV_TB2 80188	21.95 0.00 -0.31	17.35 0.00 -0.41	15.25 0.01 -0.43	15.28 0.00 -0.38	15.29 0.03 -0.20	15.05 0.03 -0.36	16.46 -0.08 -0.01	16.09 -0.10 -0.05	17.82 -0.13 0.00	18.44 -0.11 0.00	18.64 -0.15 0.00	19.14 -0.21 0.00	19.67 -0.22 0.00	20.62 -0.23 0.00	20.97 -0.13 0.00	22.02 -0.11 0.00	25.32 -0.18 -0.13	28.37 -0.17 -0.09	28.21 -0.17 -0.05	27.03 -0.16 -0.13	25.37 -0.13 -0.02	21.59 -0.02 0.00	20.75 -0.13 0.00	20.83 -0.10 0.00
ELEC_TRO_TEK 24086	26.47 1.84 -2.98	22.50 1.39 -4.16	23.39 1.26 -7.32	20.72 1.21 -4.60	18.26 1.22 -1.98	19.91 1.14 -4.10	17.88 1.29 -0.05	17.95 1.34 -0.48	19.51 1.54 -0.02	21.71 1.65 -1.51	22.62 1.64 -2.19	24.66 1.84 -3.47	25.60 1.97 -3.74	26.14 2.06 -3.23	26.33 2.17 -3.06	28.91 2.26 -4.52	53.59 2.64 -25.59	51.95 2.87 -20.62	57.23 2.75 -26.15	42.11 2.60 -12.45	39.68 2.42 -11.79	26.98 2.01 -3.36	26.85 1.98 -3.99	25.86 1.88 -3.05
ELLENBURG_WT_PWR 323604	21.37 -0.28 0.00	16.74 -0.20 0.00	14.58 -0.24 0.00	14.68 -0.22 0.00	14.80 -0.26 0.00	14.41 -0.26 0.00	16.37 -0.17 0.00	16.00 -0.13 0.00	17.81 -0.14 0.00	18.36 -0.19 0.00	18.68 -0.11 0.00	19.22 -0.13 0.00	19.65 -0.24 0.00	20.57 -0.27 0.00	20.72 -0.38 0.00	21.73 -0.40 0.00	24.93 -0.43 0.00	28.03 -0.43 0.00	27.96 -0.37 0.00	26.71 -0.35 0.00	25.15 -0.33 0.00	21.31 -0.30 0.00	20.62 -0.25 0.00	20.62 -0.31 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.65 -0.45 -0.45	17.21 -0.34 -0.61	15.19 -0.25 -0.63	15.24 -0.22 -0.56	15.27 -0.09 -0.30	15.14 -0.06 -0.53	16.14 -0.40 -0.01	15.74 -0.47 -0.07	17.41 -0.54 0.00	18.19 -0.35 0.00	18.29 -0.51 0.00	18.71 -0.64 0.00	19.33 -0.56 0.00	20.28 -0.56 0.00	20.87 -0.23 0.00	21.95 -0.18 0.00	24.78 -0.79 -0.20	27.65 -0.94 -0.13	27.50 -0.91 -0.08	26.39 -0.87 -0.19	24.84 -0.66 -0.03	21.76 0.15 0.00	20.56 -0.31 0.00	20.91 -0.02 0.00
EMPIRE_CC_1 323656	25.98 0.69 -3.64	22.38 0.58 -4.86	20.35 0.49 -5.05	19.88 0.49 -4.49	17.97 0.50 -2.42	19.39 0.50 -4.22	17.16 0.56 -0.07	17.26 0.53 -0.59	18.58 0.63 0.00	19.16 0.61 0.00	19.41 0.62 0.00	20.09 0.74 0.00	20.69 0.80 0.00	21.70 0.85 0.00	22.01 0.91 0.00	23.02 0.89 0.00	28.02 1.07 -1.59	30.72 1.22 -1.04	30.20 1.25 -0.62	29.81 1.19 -1.56	26.85 1.15 -0.23	22.45 0.84 0.00	21.69 0.81 0.00	21.73 0.80 0.00
EMPIRE_CC_2 323658	25.98 0.69 -3.64	22.38 0.58 -4.86	20.35 0.49 -5.05	19.88 0.49 -4.49	17.97 0.50 -2.42	19.39 0.50 -4.22	17.16 0.56 -0.07	17.26 0.53 -0.59	18.58 0.63 0.00	19.16 0.61 0.00	19.41 0.62 0.00	20.09 0.74 0.00	20.69 0.80 0.00	21.70 0.85 0.00	22.01 0.91 0.00	23.02 0.89 0.00	28.02 1.07 -1.59	30.72 1.22 -1.04	30.20 1.25 -0.62	29.81 1.19 -1.56	26.85 1.15 -0.23	22.45 0.84 0.00	21.69 0.81 0.00	21.73 0.80 0.00

ENORWICH_115KV_TB1 80156	23.87 1.41 -0.81	19.12 1.08 -1.09	16.88 0.93 -1.13	16.85 0.94 -1.00	16.56 0.96 -0.54	16.63 1.01 -0.94	17.61 1.06 -0.01	17.17 0.90 -0.13	18.92 0.97 0.00	19.51 0.96 0.00	19.66 0.86 0.00	20.30 0.95 0.00	20.85 0.95 0.00	21.89 1.04 0.00	22.20 1.10 0.00	23.46 1.33 0.00	27.04 1.32 -0.36	30.43 1.74 -0.23	30.39 1.93 -0.14	29.47 2.06 -0.35	27.57 2.04 -0.05	23.42 1.82 0.00	22.35 1.48 0.00	22.33 1.40 0.00
ERIE_ST__34_KV_TB1-2 80199	21.47 -0.65 -0.47	17.06 -0.51 -0.63	15.06 -0.40 -0.65	15.10 -0.39 -0.58	15.10 -0.27 -0.31	14.99 -0.22 -0.54	16.34 -0.20 -0.01	15.60 -0.61 -0.08	17.63 -0.32 0.00	18.44 -0.11 0.00	18.53 -0.26 0.00	18.98 -0.37 0.00	19.63 -0.26 0.00	20.59 -0.25 0.00	21.23 0.13 0.00	22.33 0.20 0.00	24.71 -0.86 -0.20	27.60 -1.00 -0.13	27.45 -0.96 -0.08	26.32 -0.95 -0.20	24.90 -0.61 -0.03	22.11 0.50 0.00	20.87 0.00 0.00	21.16 0.23 0.00
ERIE_WT_PWR 323693	21.70 -0.41 -0.46	17.26 -0.30 -0.62	15.23 -0.22 -0.64	15.28 -0.19 -0.57	15.29 -0.07 -0.31	15.18 -0.03 -0.54	16.26 -0.28 -0.01	15.95 -0.26 -0.08	17.54 -0.41 0.00	18.32 -0.22 0.00	18.42 -0.38 0.00	18.85 -0.50 0.00	19.47 -0.42 0.00	20.49 -0.35 0.00	21.04 -0.06 0.00	22.13 0.00 0.00	24.88 -0.68 -0.20	27.76 -0.83 -0.13	27.61 -0.79 -0.08	26.51 -0.76 -0.20	25.07 -0.43 -0.03	21.93 0.32 0.00	20.73 -0.15 0.00	21.20 0.27 0.00
ESPRGFLD_115KV_TB1 80157	21.98 1.17 0.84	16.71 0.88 1.12	14.44 0.79 1.16	14.65 0.78 1.03	15.31 0.81 0.56	14.49 0.79 0.97	17.36 0.84 0.02	16.79 0.79 0.14	18.87 0.92 0.00	19.51 0.96 0.00	19.73 0.94 0.00	20.40 1.05 0.00	20.99 1.09 0.00	22.01 1.17 0.00	22.34 1.24 0.00	23.50 1.37 0.00	26.52 1.52 0.36	30.04 1.82 0.24	30.11 1.93 0.14	28.60 1.89 0.36	27.23 1.81 0.05	23.12 1.51 0.00	22.17 1.29 0.00	22.10 1.17 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.69 0.43 -0.61	18.10 0.34 -0.81	15.97 0.31 -0.85	15.96 0.30 -0.75	15.78 0.32 -0.40	15.71 0.34 -0.71	16.82 0.28 -0.01	16.46 0.23 -0.10	18.18 0.23 0.00	18.81 0.26 0.00	18.98 0.19 0.00	19.51 0.15 0.00	20.07 0.18 0.00	21.03 0.19 0.00	21.42 0.32 0.00	22.53 0.40 0.00	25.99 0.36 -0.27	29.11 0.48 -0.17	29.00 0.57 -0.10	27.89 0.57 -0.26	26.10 0.59 -0.04	22.24 0.63 0.00	21.31 0.44 0.00	21.35 0.42 0.00
ETNA____115KV_TB2 80207	22.69 0.43 -0.61	18.10 0.34 -0.81	15.97 0.31 -0.85	15.96 0.30 -0.75	15.78 0.32 -0.40	15.71 0.34 -0.71	16.82 0.28 -0.01	16.46 0.23 -0.10	18.18 0.23 0.00	18.81 0.26 0.00	18.98 0.19 0.00	19.51 0.15 0.00	20.07 0.18 0.00	21.03 0.19 0.00	21.42 0.32 0.00	22.53 0.40 0.00	25.99 0.36 -0.27	29.11 0.48 -0.17	29.00 0.57 -0.10	27.89 0.57 -0.26	26.10 0.59 -0.04	22.24 0.63 0.00	21.31 0.44 0.00	21.35 0.42 0.00
EUCLID__115KV_TB2 356179	21.74 -0.15 -0.24	17.15 -0.12 -0.33	15.05 -0.10 -0.34	15.10 -0.10 -0.30	15.13 -0.09 -0.16	14.86 -0.09 -0.28	16.32 -0.21 0.00	15.96 -0.21 -0.04	17.68 -0.27 0.00	18.29 -0.26 0.00	18.51 -0.28 0.00	18.98 -0.37 0.00	19.53 -0.36 0.00	20.45 -0.40 0.00	20.80 -0.30 0.00	21.84 -0.29 0.00	25.09 -0.38 -0.11	28.10 -0.43 -0.07	27.94 -0.42 -0.04	26.76 -0.41 -0.10	25.14 -0.36 -0.02	21.37 -0.24 0.00	20.56 -0.31 0.00	20.64 -0.29 0.00
E_CANADA_CAP_HY 24051	27.85 1.41 -4.80	24.45 1.09 -6.42	22.43 0.95 -6.66	21.75 0.92 -5.92	19.24 0.99 -3.19	21.21 0.97 -5.57	17.65 1.03 -0.09	17.88 0.97 -0.78	19.03 1.08 0.00	19.66 1.11 0.00	19.90 1.11 0.00	20.55 1.20 0.00	21.15 1.25 0.00	22.22 1.38 0.00	22.54 1.44 0.00	23.68 1.55 0.00	29.29 1.83 -2.10	32.08 2.25 -1.37	31.56 2.41 -0.82	31.45 2.33 -2.06	27.99 2.22 -0.30	23.40 1.79 0.00	22.44 1.57 0.00	22.40 1.46 0.00
E_CANADA_MHWK_HY 24050	21.84 0.19 0.00	17.11 0.17 0.00	14.96 0.15 0.00	15.06 0.15 0.00	15.18 0.12 0.00	14.83 0.16 0.00	16.70 0.17 0.00	16.26 0.13 0.00	18.11 0.16 0.00	18.73 0.19 0.00	18.96 0.17 0.00	19.57 0.21 0.00	20.13 0.24 0.00	21.05 0.21 0.00	21.29 0.19 0.00	22.35 0.22 0.00	25.57 0.20 0.00	28.71 0.26 0.00	28.61 0.28 0.00	27.36 0.30 0.00	25.76 0.28 0.00	21.87 0.26 0.00	21.08 0.21 0.00	21.14 0.21 0.00
E_FISHKILL__LBMP 23776	25.92 1.23 -3.04	21.96 0.95 -4.07	19.89 0.86 -4.22	19.49 0.83 -3.75	17.89 0.81 -2.02	18.97 0.78 -3.53	17.45 0.86 -0.06	17.52 0.89 -0.50	19.01 1.06 0.00	19.68 1.13 0.00	19.96 1.17 0.00	20.69 1.34 0.00	21.32 1.43 0.00	22.35 1.50 0.00	22.72 1.62 0.00	23.79 1.66 0.00	28.62 1.93 -1.33	31.46 2.13 -0.87	30.89 2.04 -0.52	30.29 1.92 -1.30	27.45 1.78 -0.19	23.03 1.43 0.00	22.27 1.40 0.00	22.23 1.30 0.00
FALCON__SEABRD_CC1 323796	21.52 -0.13 0.00	16.88 -0.07 0.00	14.69 -0.12 0.00	14.79 -0.12 0.00	14.90 -0.15 0.00	14.49 -0.18 0.00	16.48 -0.05 0.00	16.12 -0.02 0.00	17.91 -0.04 0.00	18.49 -0.06 0.00	18.81 0.02 0.00	19.35 0.00 0.00	19.79 -0.10 0.00	20.72 -0.12 0.00	20.89 -0.21 0.00	21.89 -0.24 0.00	25.11 -0.25 0.00	28.23 -0.23 0.00	28.16 -0.17 0.00	26.90 -0.16 0.00	25.35 -0.13 0.00	21.48 -0.13 0.00	20.79 -0.08 0.00	20.78 -0.15 0.00
FALCON__SEABRD_CC2 323797	21.52 -0.13 0.00	16.88 -0.07 0.00	14.69 -0.12 0.00	14.79 -0.12 0.00	14.90 -0.15 0.00	14.49 -0.18 0.00	16.48 -0.05 0.00	16.12 -0.02 0.00	17.91 -0.04 0.00	18.49 -0.06 0.00	18.81 0.02 0.00	19.35 0.00 0.00	19.79 -0.10 0.00	20.72 -0.12 0.00	20.89 -0.21 0.00	21.89 -0.24 0.00	25.11 -0.25 0.00	28.23 -0.23 0.00	28.16 -0.17 0.00	26.90 -0.16 0.00	25.35 -0.13 0.00	21.48 -0.13 0.00	20.79 -0.08 0.00	20.78 -0.15 0.00
FAR ROCKAWAY__4 23548	26.72 2.10 -2.98	22.72 1.61 -4.16	23.55 1.42 -7.32	20.88 1.37 -4.60	18.39 1.35 -1.98	20.07 1.31 -4.10	18.04 1.45 -0.05	18.12 1.50 -0.48	19.71 1.74 -0.02	21.93 1.87 -1.51	22.82 1.84 -2.19	24.88 2.05 -3.47	25.82 2.19 -3.74	26.39 2.31 -3.23	26.61 2.45 -3.06	29.22 2.59 -4.50	54.00 3.04 -25.59	52.44 3.36 -20.62	57.68 3.20 -26.15	42.54 3.03 -12.44	40.12 2.85 -11.79	27.30 2.36 -3.33	27.20 2.34 -3.99	26.16 2.18 -3.05
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	26.21 1.60 -2.96	22.09 1.19 -3.96	19.99 1.07 -4.11	19.57 1.01 -3.65	18.00 0.98 -1.97	19.06 0.95 -3.43	17.61 1.03 -0.05	17.73 1.11 -0.48	19.30 1.35 0.00	20.01 1.47 0.00	20.30 1.50 0.00	21.11 1.76 0.00	21.78 1.89 0.00	22.85 2.00 0.00	23.19 2.09 0.00	24.32 2.19 0.00	29.19 2.54 -1.29	32.04 2.73 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.71 1.84 0.00	22.60 1.67 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	26.21 1.60 -2.96	22.09 1.19 -3.96	20.00 1.08 -4.11	19.57 1.01 -3.65	18.00 0.98 -1.97	19.06 0.95 -3.43	17.61 1.03 -0.05	17.74 1.13 -0.48	19.30 1.35 0.00	20.01 1.47 0.00	20.32 1.52 0.00	21.11 1.76 0.00	21.78 1.89 0.00	22.85 2.00 0.00	23.19 2.09 0.00	24.32 2.19 0.00	29.19 2.54 -1.29	32.04 2.73 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.90 2.24 -0.18	23.42 1.82 0.00	22.71 1.84 0.00	22.63 1.70 0.00

FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	26.19 1.58 -2.96	22.07 1.17 -3.96	19.99 1.07 -4.11	19.56 1.00 -3.65	17.99 0.96 -1.97	19.04 0.94 -3.43	17.61 1.03 -0.05	17.73 1.11 -0.48	19.28 1.33 0.00	19.99 1.45 0.00	20.30 1.50 0.00	21.09 1.74 0.00	21.76 1.87 0.00	22.83 1.98 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.17 2.51 -1.29	32.01 2.70 -0.85	31.33 2.49 -0.51	30.69 2.35 -1.27	27.88 2.22 -0.18	23.40 1.79 0.00	22.69 1.82 0.00	22.60 1.67 0.00
FARRAGUT___LBMP 323566	26.19 1.58 -2.96	22.05 1.15 -3.96	19.97 1.05 -4.11	19.56 1.00 -3.65	17.99 0.96 -1.97	19.03 0.92 -3.43	17.60 1.01 -0.05	17.71 1.10 -0.48	19.26 1.31 0.00	19.97 1.43 0.00	20.28 1.48 0.00	21.07 1.72 0.00	21.74 1.85 0.00	22.80 1.96 0.00	23.15 2.05 0.00	24.28 2.15 0.00	29.14 2.49 -1.29	31.98 2.67 -0.85	31.33 2.49 -0.51	30.66 2.33 -1.27	27.85 2.19 -0.18	23.40 1.79 0.00	22.67 1.79 0.00	22.58 1.65 0.00
FENNER___WINDPWR 24204	22.35 0.37 -0.34	17.67 0.27 -0.45	15.52 0.24 -0.47	15.56 0.24 -0.42	15.51 0.23 -0.23	15.33 0.26 -0.39	16.75 0.21 -0.01	16.38 0.19 -0.06	18.15 0.20 0.00	18.75 0.20 0.00	18.96 0.17 0.00	19.53 0.17 0.00	20.07 0.18 0.00	21.07 0.23 0.00	21.35 0.25 0.00	22.46 0.33 0.00	25.82 0.31 -0.15	28.95 0.40 -0.10	28.84 0.45 -0.06	27.70 0.49 -0.15	26.01 0.51 -0.02	22.06 0.45 0.00	21.23 0.35 0.00	21.31 0.38 0.00
FIBERTEK___ENERGY 23856	22.00 0.06 -0.29	17.38 0.05 -0.39	15.27 0.06 -0.40	15.32 0.06 -0.36	15.31 0.06 -0.19	15.08 0.07 -0.34	16.51 -0.03 -0.01	16.15 -0.03 -0.05	17.90 -0.05 0.00	18.51 -0.04 0.00	18.72 -0.08 0.00	19.20 -0.15 0.00	19.75 -0.14 0.00	20.70 -0.15 0.00	21.06 -0.04 0.00	22.11 -0.02 0.00	25.42 -0.08 -0.13	28.45 -0.09 -0.08	28.32 -0.06 -0.05	27.11 -0.08 -0.12	25.45 -0.05 -0.02	21.65 0.04 0.00	20.81 -0.06 0.00	20.89 -0.04 0.00
FITZPATRICK____ 23598	21.36 -0.46 -0.17	16.81 -0.36 -0.23	14.74 -0.31 -0.24	14.80 -0.31 -0.21	14.85 -0.32 -0.11	14.57 -0.29 -0.20	16.12 -0.41 0.00	15.76 -0.40 -0.03	17.45 -0.50 0.00	18.03 -0.52 0.00	18.25 -0.55 0.00	18.69 -0.66 0.00	19.21 -0.68 0.00	20.14 -0.71 0.00	20.45 -0.65 0.00	21.44 -0.69 0.00	24.65 -0.79 -0.07	27.62 -0.88 -0.05	27.48 -0.88 -0.03	26.30 -0.84 -0.07	24.70 -0.79 -0.01	20.98 -0.63 0.00	20.22 -0.65 0.00	20.41 -0.52 0.00
FLOWRFLD_69_KV_BK1 356044	27.12 2.49 -2.98	22.94 1.83 -4.17	23.82 1.69 -7.32	21.15 1.64 -4.60	18.78 1.75 -1.98	20.34 1.57 -4.10	18.32 1.74 -0.05	18.39 1.77 -0.48	20.01 2.05 -0.02	22.21 2.15 -1.51	23.16 2.18 -2.19	25.27 2.44 -3.48	36.50 2.61 -14.00	26.77 2.69 -3.23	27.00 2.83 -3.07	41.02 2.99 -15.90	54.38 3.42 -25.59	52.81 3.73 -20.63	58.03 3.54 -26.16	42.90 3.38 -12.45	40.40 3.13 -11.79	42.73 2.70 -18.42	27.46 2.59 -4.00	26.43 2.45 -3.05
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	26.14 1.52 -2.97	22.07 1.15 -3.98	19.96 1.02 -4.13	19.56 0.98 -3.67	17.96 0.93 -1.98	19.01 0.89 -3.45	17.56 0.98 -0.05	17.60 0.98 -0.49	19.12 1.17 0.00	19.79 1.24 0.00	20.07 1.28 0.00	20.82 1.47 0.00	21.46 1.57 0.00	22.51 1.67 0.00	22.89 1.79 0.00	23.99 1.86 0.00	28.85 2.18 -1.30	31.78 2.48 -0.85	31.22 2.38 -0.51	30.61 2.27 -1.27	27.75 2.09 -0.19	23.29 1.69 0.00	22.48 1.61 0.00	22.42 1.49 0.00
FORT ORANGE____ 23900	26.09 0.67 -3.77	22.49 0.51 -5.04	20.48 0.43 -5.24	19.99 0.43 -4.65	18.00 0.44 -2.51	19.48 0.44 -4.38	17.13 0.53 -0.07	17.23 0.48 -0.62	18.52 0.57 0.00	19.08 0.54 0.00	19.34 0.55 0.00	19.99 0.64 0.00	20.61 0.72 0.00	21.62 0.77 0.00	21.92 0.82 0.00	22.95 0.82 0.00	28.03 1.02 -1.65	30.73 1.19 -1.08	30.19 1.22 -0.65	29.84 1.16 -1.62	26.83 1.12 -0.24	22.45 0.84 0.00	21.64 0.77 0.00	21.66 0.73 0.00
FORT_DRUM_COGEN 23780	21.71 -0.09 -0.15	17.04 -0.10 -0.20	14.89 -0.13 -0.21	14.96 -0.13 -0.19	15.04 -0.12 -0.10	14.74 -0.10 -0.18	16.37 -0.17 0.00	15.90 -0.26 -0.02	17.61 -0.34 0.00	18.12 -0.43 0.00	18.34 -0.45 0.00	18.89 -0.46 0.00	19.35 -0.54 0.00	20.28 -0.56 0.00	20.51 -0.59 0.00	21.60 -0.53 0.00	24.77 -0.66 -0.07	27.96 -0.54 -0.04	28.04 -0.31 -0.03	27.05 -0.08 -0.06	25.49 0.00 -0.01	21.63 0.02 0.00	20.73 -0.15 0.00	20.70 -0.23 0.00
FPL_FAR_ROCK_GT1 24212	26.70 2.08 -2.98	22.73 1.63 -4.16	23.57 1.44 -7.32	20.88 1.37 -4.60	18.39 1.36 -1.98	20.07 1.31 -4.10	18.05 1.46 -0.06	18.11 1.48 -0.49	19.71 1.74 -0.02	21.93 1.87 -1.51	22.82 1.84 -2.19	24.88 2.05 -3.47	25.82 2.19 -3.74	26.45 2.38 -3.23	26.61 2.45 -3.06	29.22 2.59 -4.50	54.00 3.04 -25.59	52.44 3.36 -20.62	57.68 3.20 -26.15	42.54 3.03 -12.44	40.12 2.85 -11.79	27.28 2.33 -3.33	27.21 2.34 -4.00	26.20 2.22 -3.05
FPL_FAR_ROCK_GT2 23815	26.70 2.08 -2.98	22.73 1.63 -4.16	23.57 1.44 -7.32	20.88 1.37 -4.60	18.39 1.36 -1.98	20.07 1.31 -4.10	18.05 1.46 -0.06	18.11 1.48 -0.49	19.71 1.74 -0.02	21.93 1.87 -1.51	22.82 1.84 -2.19	24.88 2.05 -3.47	25.82 2.19 -3.74	26.45 2.38 -3.23	26.61 2.45 -3.06	29.22 2.59 -4.50	54.00 3.04 -25.59	52.44 3.36 -20.62	57.68 3.20 -26.15	42.54 3.03 -12.44	40.12 2.85 -11.79	27.28 2.33 -3.33	27.21 2.34 -4.00	26.20 2.22 -3.05
FRANKLIN_FALL_HYD 24054	21.26 -0.39 0.00	16.67 -0.27 0.00	14.50 -0.31 0.00	14.59 -0.31 0.00	14.68 -0.38 0.00	14.30 -0.37 0.00	16.28 -0.25 0.00	15.96 -0.18 0.00	17.73 -0.22 0.00	18.29 -0.26 0.00	18.62 -0.17 0.00	19.16 -0.19 0.00	19.55 -0.34 0.00	20.51 -0.33 0.00	20.61 -0.49 0.00	21.60 -0.53 0.00	24.78 -0.58 0.00	27.86 -0.60 0.00	27.79 -0.54 0.00	26.58 -0.49 0.00	25.02 -0.46 0.00	21.22 -0.39 0.00	20.54 -0.33 0.00	20.62 -0.31 0.00
FREEPORT_EQUS_GT1 23764	26.68 2.06 -2.98	22.68 1.58 -4.17	23.54 1.41 -7.32	20.88 1.37 -4.60	18.42 1.38 -1.98	20.07 1.31 -4.10	18.05 1.46 -0.06	18.11 1.48 -0.49	19.71 1.74 -0.02	21.91 1.85 -1.51	22.82 1.84 -2.19	24.88 2.05 -3.47	25.82 2.19 -3.74	26.43 2.35 -3.23	26.59 2.43 -3.06	29.23 2.52 -4.58	53.90 2.94 -25.59	52.32 3.24 -20.62	57.57 3.09 -26.15	42.43 2.92 -12.45	40.02 2.75 -11.79	27.29 2.25 -3.44	27.10 2.23 -4.00	26.16 2.18 -3.05
FREEPORT___CT2 23818	26.68 2.06 -2.98	22.68 1.58 -4.17	23.54 1.41 -7.32	20.88 1.37 -4.60	18.42 1.38 -1.98	20.07 1.31 -4.10	18.05 1.46 -0.06	18.11 1.48 -0.49	19.71 1.74 -0.02	21.91 1.85 -1.51	22.82 1.84 -2.19	24.88 2.05 -3.47	25.82 2.19 -3.74	26.43 2.35 -3.23	26.59 2.43 -3.06	29.23 2.52 -4.58	53.90 2.94 -25.59	52.32 3.24 -20.62	57.57 3.09 -26.15	42.43 2.92 -12.45	40.02 2.75 -11.79	27.29 2.25 -3.44	27.10 2.23 -4.00	26.16 2.18 -3.05
FRESHKLS_33_KV_LOAD 356253	26.23 1.62 -2.96	22.04 1.14 -3.96	19.95 1.02 -4.11	19.50 0.94 -3.65	17.93 0.90 -1.97	18.91 0.81 -3.43	17.38 0.79 -0.05	17.53 0.92 -0.47	19.05 1.11 0.01	19.80 1.26 0.01	20.14 1.35 0.01	20.97 1.63 0.01	21.67 1.79 0.01	22.73 1.90 0.01	23.03 1.94 0.01	24.16 2.04 0.01	29.11 2.46 -1.28	31.91 2.62 -0.84	31.24 2.41 -0.50	30.60 2.27 -1.26	27.75 2.09 -0.18	23.32 1.71 0.00	22.73 1.86 0.00	22.67 1.74 0.00

FULTON COGEN____ 23766	21.69 -0.19 -0.23	17.10 -0.15 -0.31	15.02 -0.12 -0.32	15.08 -0.12 -0.29	15.10 -0.11 -0.15	14.84 -0.10 -0.27	16.31 -0.23 0.00	15.93 -0.24 -0.04	17.64 -0.31 0.00	18.25 -0.30 0.00	18.46 -0.34 0.00	18.93 -0.43 0.00	19.45 -0.44 0.00	20.39 -0.46 0.00	20.72 -0.38 0.00	21.75 -0.38 0.00	25.01 -0.46 -0.10	28.01 -0.51 -0.07	27.89 -0.48 -0.04	26.70 -0.46 -0.10	25.08 -0.41 -0.01	21.33 -0.28 0.00	20.50 -0.38 0.00	20.57 -0.36 0.00
FULTON____LFGE 323630	28.34 2.19 -4.50	24.61 1.64 -6.02	22.49 1.42 -6.25	21.85 1.39 -5.55	19.33 1.28 -2.99	21.35 1.45 -5.22	18.17 1.55 -0.08	18.38 1.52 -0.73	19.62 1.67 0.00	20.27 1.73 0.00	20.49 1.69 0.00	21.11 1.76 0.00	21.76 1.87 0.00	22.83 1.98 0.00	23.19 2.09 0.00	24.39 2.26 0.00	30.17 2.84 -1.97	33.30 3.56 -1.29	32.90 3.80 -0.77	32.56 3.57 -1.93	29.12 3.36 -0.28	24.29 2.68 0.00	23.19 2.32 0.00	23.07 2.14 0.00
G.F.CEMENT____DRP 24184	26.61 1.02 -3.94	22.96 0.75 -5.27	20.94 0.65 -5.47	20.40 0.63 -4.86	18.37 0.69 -2.62	19.90 0.66 -4.57	17.25 0.64 -0.07	17.42 0.65 -0.64	18.70 0.75 0.00	19.31 0.76 0.00	19.58 0.79 0.00	20.22 0.87 0.00	20.83 0.93 0.00	21.80 0.96 0.00	22.13 1.03 0.00	23.19 1.06 0.00	28.43 1.34 -1.72	31.24 1.65 -1.13	30.73 1.73 -0.68	30.38 1.62 -1.69	27.35 1.63 -0.25	22.86 1.25 0.00	21.98 1.11 0.00	21.89 0.96 0.00
GARDENVILLE____LBMP 24039	21.65 -0.45 -0.46	17.22 -0.34 -0.62	15.20 -0.25 -0.64	15.25 -0.22 -0.57	15.27 -0.09 -0.31	15.15 -0.06 -0.54	16.21 -0.33 -0.01	15.74 -0.47 -0.08	17.47 -0.48 0.00	18.27 -0.28 0.00	18.36 -0.43 0.00	18.79 -0.56 0.00	19.41 -0.48 0.00	20.37 -0.48 0.00	20.95 -0.15 0.00	22.04 -0.09 0.00	24.83 -0.74 -0.20	27.71 -0.88 -0.13	27.56 -0.85 -0.08	26.45 -0.81 -0.20	24.92 -0.59 -0.03	21.85 0.24 0.00	20.64 -0.23 0.00	20.97 0.04 0.00
GARDNVLA_35_KV_LD 355827	21.72 -0.39 -0.46	17.28 -0.29 -0.62	15.25 -0.21 -0.64	15.30 -0.18 -0.57	15.30 -0.06 -0.31	15.19 -0.01 -0.54	16.28 -0.26 -0.01	15.79 -0.42 -0.08	17.56 -0.39 0.00	18.36 -0.19 0.00	18.44 -0.36 0.00	18.89 -0.46 0.00	19.51 -0.38 0.00	20.47 -0.38 0.00	21.08 -0.02 0.00	22.15 0.02 0.00	24.91 -0.66 -0.20	27.79 -0.80 -0.13	27.64 -0.76 -0.08	26.53 -0.73 -0.20	25.02 -0.48 -0.03	21.95 0.35 0.00	20.75 -0.13 0.00	21.08 0.15 0.00
GELCKHM__115KV_LOAD 80723	21.82 -0.09 -0.26	17.22 -0.07 -0.35	15.12 -0.06 -0.36	15.17 -0.06 -0.32	15.18 -0.05 -0.17	14.94 -0.03 -0.30	16.39 -0.15 0.00	16.03 -0.15 -0.04	17.75 -0.20 0.00	18.36 -0.19 0.00	18.57 -0.23 0.00	19.06 -0.29 0.00	19.61 -0.28 0.00	20.53 -0.31 0.00	20.89 -0.21 0.00	21.93 -0.20 0.00	25.20 -0.28 -0.11	28.22 -0.31 -0.07	28.06 -0.30 -0.04	26.88 -0.25 -0.11	25.24 -0.25 -0.02	21.46 -0.15 0.00	20.64 -0.23 0.00	20.72 -0.21 0.00
GENERAL____MILLS 23808	21.68 -0.43 -0.46	17.24 -0.32 -0.62	15.22 -0.24 -0.64	15.27 -0.21 -0.57	15.29 -0.08 -0.31	15.16 -0.04 -0.54	16.24 -0.30 -0.01	15.76 -0.45 -0.08	17.52 -0.43 0.00	18.32 -0.22 0.00	18.40 -0.39 0.00	18.85 -0.50 0.00	19.47 -0.42 0.00	20.43 -0.42 0.00	21.02 -0.08 0.00	22.11 -0.02 0.00	24.86 -0.71 -0.20	27.74 -0.85 -0.13	27.59 -0.82 -0.08	26.48 -0.78 -0.20	24.95 -0.56 -0.03	21.91 0.30 0.00	20.70 -0.17 0.00	21.04 0.10 0.00
GE_PLASTICS____DRP 24183	26.07 0.65 -3.78	22.50 0.51 -5.05	20.50 0.44 -5.24	20.01 0.45 -4.66	18.01 0.45 -2.51	19.49 0.44 -4.38	17.11 0.51 -0.07	17.23 0.48 -0.62	18.52 0.57 0.00	19.10 0.56 0.00	19.36 0.56 0.00	20.03 0.68 0.00	20.63 0.74 0.00	21.60 0.75 0.00	21.92 0.82 0.00	22.97 0.84 0.00	28.03 1.01 -1.65	30.68 1.14 -1.08	30.11 1.13 -0.65	29.76 1.08 -1.62	26.76 1.04 -0.24	22.39 0.78 0.00	21.60 0.73 0.00	21.60 0.67 0.00
GILBOA____1 23756	25.29 0.74 -2.90	21.40 0.58 -3.88	19.35 0.50 -4.03	19.04 0.55 -3.58	17.52 0.54 -1.93	18.58 0.54 -3.37	17.16 0.58 -0.05	17.12 0.52 -0.47	18.56 0.61 0.00	19.20 0.65 0.00	19.45 0.66 0.00	20.11 0.75 0.00	20.71 0.82 0.00	21.74 0.90 0.00	22.05 0.95 0.00	23.10 0.97 0.00	27.75 1.11 -1.27	30.48 1.19 -0.83	29.99 1.16 -0.50	29.42 1.11 -1.24	26.75 1.09 -0.18	22.49 0.89 0.00	21.71 0.84 0.00	21.73 0.80 0.00
GILBOA____2 23757	25.29 0.74 -2.90	21.40 0.58 -3.88	19.35 0.50 -4.03	19.04 0.55 -3.58	17.52 0.54 -1.93	18.58 0.54 -3.37	17.16 0.58 -0.05	17.12 0.52 -0.47	18.56 0.61 0.00	19.20 0.65 0.00	19.45 0.66 0.00	20.11 0.75 0.00	20.71 0.82 0.00	21.74 0.90 0.00	22.05 0.95 0.00	23.10 0.97 0.00	27.75 1.11 -1.27	30.48 1.19 -0.83	29.99 1.16 -0.50	29.42 1.11 -1.24	26.75 1.09 -0.18	22.49 0.89 0.00	21.71 0.84 0.00	21.73 0.80 0.00
GILBOA____3 23758	25.29 0.74 -2.90	21.40 0.58 -3.88	19.35 0.50 -4.03	19.04 0.55 -3.58	17.52 0.54 -1.93	18.58 0.54 -3.37	17.16 0.58 -0.05	17.12 0.52 -0.47	18.56 0.61 0.00	19.20 0.65 0.00	19.45 0.66 0.00	20.11 0.75 0.00	20.71 0.82 0.00	21.74 0.90 0.00	22.05 0.95 0.00	23.10 0.97 0.00	27.75 1.11 -1.27	30.48 1.19 -0.83	29.99 1.16 -0.50	29.42 1.11 -1.24	26.75 1.09 -0.18	22.49 0.89 0.00	21.71 0.84 0.00	21.73 0.80 0.00
GILBOA____4 23759	25.29 0.74 -2.90	21.40 0.58 -3.88	19.35 0.50 -4.03	19.04 0.55 -3.58	17.52 0.54 -1.93	18.58 0.54 -3.37	17.16 0.58 -0.05	17.12 0.52 -0.47	18.56 0.61 0.00	19.20 0.65 0.00	19.45 0.66 0.00	20.11 0.75 0.00	20.71 0.82 0.00	21.74 0.90 0.00	22.05 0.95 0.00	23.10 0.97 0.00	27.75 1.11 -1.27	30.48 1.19 -0.83	29.99 1.16 -0.50	29.42 1.11 -1.24	26.75 1.09 -0.18	22.49 0.89 0.00	21.71 0.84 0.00	21.73 0.80 0.00
GILBOA____ 23599	25.29 0.74 -2.90	21.40 0.58 -3.88	19.35 0.50 -4.03	19.04 0.55 -3.58	17.53 0.54 -1.93	18.58 0.54 -3.37	17.16 0.58 -0.05	17.12 0.52 -0.47	18.56 0.61 0.00	19.20 0.65 0.00	19.45 0.66 0.00	20.11 0.75 0.00	20.71 0.82 0.00	21.70 0.85 0.00	22.05 0.95 0.00	23.10 0.97 0.00	27.75 1.12 -1.27	30.48 1.20 -0.83	29.99 1.16 -0.50	29.42 1.11 -1.24	26.73 1.07 -0.18	22.49 0.89 0.00	21.69 0.81 0.00	21.68 0.75 0.00
GINNA____ 23603	21.05 -0.93 -0.33	16.62 -0.76 -0.44	14.62 -0.65 -0.46	14.67 -0.64 -0.41	14.66 -0.62 -0.22	14.47 -0.59 -0.38	15.50 -1.04 -0.01	15.22 -0.97 -0.05	16.80 -1.15 0.00	17.47 -1.08 0.00	17.67 -1.13 0.00	18.11 -1.24 0.00	18.66 -1.23 0.00	19.59 -1.25 0.00	20.00 -1.10 0.00	21.02 -1.11 0.00	24.24 -1.27 -0.14	27.10 -1.45 -0.09	26.97 -1.42 -0.06	25.85 -1.35 -0.14	24.15 -1.35 -0.02	20.68 -0.93 0.00	19.77 -1.11 0.00	19.99 -0.94 0.00
GLEN PARK____ 23778	21.87 0.07 -0.16	17.15 0.00 -0.21	15.00 -0.03 -0.22	15.05 -0.04 -0.19	15.14 -0.02 -0.10	14.84 -0.01 -0.18	16.47 -0.07 0.00	16.00 -0.16 -0.03	17.68 -0.27 0.00	18.21 -0.33 0.00	18.44 -0.36 0.00	18.98 -0.37 0.00	19.43 -0.46 0.00	20.37 -0.48 0.00	20.59 -0.51 0.00	21.71 -0.42 0.00	24.90 -0.53 -0.07	28.13 -0.37 -0.04	28.21 -0.14 -0.03	27.24 0.11 -0.07	25.69 0.20 -0.01	21.80 0.19 0.00	20.87 0.00 0.00	20.89 -0.04 0.00

GLENDALE_27_KV_LOAD 356172	26.32 1.71 -2.96	22.15 1.25 -3.96	20.05 1.13 -4.11	19.62 1.06 -3.65	18.06 1.04 -1.97	19.07 0.97 -3.43	17.61 1.03 -0.05	17.74 1.13 -0.48	19.28 1.33 0.00	20.01 1.47 0.00	20.33 1.54 0.00	21.15 1.80 0.00	21.84 1.95 0.00	22.93 2.08 0.00	23.23 2.13 0.00	24.37 2.24 0.00	29.27 2.61 -1.29	32.09 2.79 -0.85	31.38 2.55 -0.51	30.74 2.41 -1.27	27.93 2.27 -0.18	23.47 1.86 0.00	22.79 1.92 0.00	22.75 1.82 0.00
GLENWOOD_IC_1_G5 23712	26.47 1.84 -2.98	22.48 1.37 -4.17	23.38 1.24 -7.32	20.70 1.19 -4.60	18.23 1.19 -1.98	19.90 1.13 -4.10	17.84 1.26 -0.05	17.92 1.31 -0.48	19.49 1.53 -0.02	21.69 1.63 -1.51	22.65 1.67 -2.19	24.72 1.90 -3.47	25.66 2.03 -3.74	26.22 2.15 -3.23	26.42 2.26 -3.06	29.00 2.30 -4.57	53.54 2.59 -25.59	51.90 2.82 -20.62	57.14 2.66 -26.15	42.03 2.52 -12.45	39.61 2.34 -11.79	26.96 1.92 -3.43	26.87 2.00 -3.99	25.86 1.88 -3.05
GLENWOOD_IC_2_G1 23688	26.29 1.67 -2.98	22.38 1.27 -4.16	23.27 1.14 -7.32	20.60 1.09 -4.60	18.12 1.08 -1.98	19.80 1.03 -4.10	17.73 1.14 -0.06	17.80 1.18 -0.49	19.37 1.40 -0.02	21.56 1.50 -1.51	22.52 1.54 -2.19	24.59 1.76 -3.47	25.50 1.87 -3.74	26.12 2.04 -3.23	26.25 2.09 -3.06	28.80 2.17 -4.50	53.47 2.51 -25.59	51.84 2.76 -20.62	57.08 2.60 -26.15	41.97 2.46 -12.44	39.56 2.29 -11.79	26.82 1.88 -3.33	26.72 1.86 -3.99	25.74 1.76 -3.05
GLENWOOD_IC_3_G1 23689	26.29 1.67 -2.98	22.38 1.27 -4.16	23.27 1.14 -7.32	20.60 1.09 -4.60	18.12 1.08 -1.98	19.80 1.03 -4.10	17.73 1.14 -0.06	17.80 1.18 -0.49	19.37 1.40 -0.02	21.56 1.50 -1.51	22.52 1.54 -2.19	24.59 1.76 -3.47	25.50 1.87 -3.74	26.12 2.04 -3.23	26.25 2.09 -3.06	28.80 2.17 -4.50	53.47 2.51 -25.59	51.84 2.76 -20.62	57.08 2.60 -26.15	41.97 2.46 -12.44	39.56 2.29 -11.79	26.82 1.88 -3.33	26.72 1.86 -3.99	25.74 1.76 -3.05
GLENWOOD___4 23550	26.47 1.84 -2.98	22.48 1.37 -4.17	23.38 1.24 -7.32	20.70 1.19 -4.60	18.23 1.19 -1.98	19.90 1.13 -4.10	17.84 1.26 -0.05	17.92 1.31 -0.48	19.49 1.53 -0.02	21.69 1.63 -1.51	22.65 1.67 -2.19	24.72 1.90 -3.47	25.66 2.03 -3.74	26.22 2.15 -3.23	26.42 2.26 -3.06	29.03 2.32 -4.57	53.60 2.64 -25.59	51.98 2.90 -20.62	57.23 2.75 -26.15	42.08 2.57 -12.45	39.66 2.39 -11.79	27.01 1.97 -3.43	26.87 2.00 -3.99	25.86 1.88 -3.05
GLENWOOD___5 23614	26.47 1.84 -2.98	22.48 1.37 -4.17	23.38 1.24 -7.32	20.70 1.19 -4.60	18.23 1.19 -1.98	19.90 1.13 -4.10	17.84 1.26 -0.05	17.92 1.31 -0.48	19.49 1.53 -0.02	21.69 1.63 -1.51	22.65 1.67 -2.19	24.72 1.90 -3.47	25.66 2.03 -3.74	26.22 2.15 -3.23	26.42 2.26 -3.06	29.03 2.32 -4.57	53.60 2.64 -25.59	51.98 2.90 -20.62	57.23 2.75 -26.15	42.08 2.57 -12.45	39.66 2.39 -11.79	27.01 1.97 -3.43	26.87 2.00 -3.99	25.86 1.88 -3.05
GLOBAL GREEN_PORT_GT1 23814	28.26 3.64 -2.98	23.82 2.71 -4.17	24.58 2.44 -7.32	21.88 2.37 -4.60	19.46 2.42 -1.98	21.07 2.30 -4.10	19.12 2.53 -0.06	19.19 2.57 -0.49	20.97 3.00 -0.02	23.23 3.17 -1.51	24.23 3.25 -2.19	26.39 3.56 -3.48	37.00 3.76 -13.35	28.04 3.96 -3.23	28.24 4.07 -3.07	39.12 4.40 -12.58	56.08 5.13 -25.59	54.92 5.83 -20.63	60.15 5.67 -26.16	44.77 5.25 -12.45	42.14 4.87 -11.79	39.66 4.02 -14.03	28.63 3.76 -4.00	27.60 3.62 -3.05
GLOBE___DSASP 323697	21.25 -0.82 -0.43	16.92 -0.59 -0.57	14.93 -0.47 -0.59	15.02 -0.42 -0.53	15.02 -0.32 -0.28	14.91 -0.25 -0.49	15.66 -0.88 -0.01	15.35 -0.86 -0.07	16.77 -1.18 0.00	17.53 -1.02 0.00	17.65 -1.15 0.00	18.04 -1.32 0.00	18.62 -1.27 0.00	19.55 -1.29 0.00	20.09 -1.01 0.00	21.11 -1.02 0.00	24.08 -1.47 -0.19	26.84 -1.74 -0.12	26.70 -1.70 -0.07	25.65 -1.60 -0.18	24.10 -1.40 -0.03	20.98 -0.63 0.00	19.85 -1.02 0.00	20.22 -0.71 0.00
GOETHSLN___LBMP 323567	26.10 1.49 -2.96	22.00 1.10 -3.96	19.93 1.01 -4.11	19.50 0.94 -3.65	17.91 0.89 -1.97	18.98 0.88 -3.43	17.55 0.96 -0.05	17.66 1.05 -0.48	19.21 1.26 0.00	19.94 1.39 0.00	20.22 1.43 0.00	21.02 1.66 0.00	21.70 1.81 0.00	22.74 1.90 0.00	23.10 2.00 0.00	24.23 2.10 0.00	29.09 2.44 -1.29	31.86 2.56 -0.85	31.19 2.35 -0.51	30.55 2.22 -1.27	27.78 2.11 -0.18	23.34 1.73 0.00	22.60 1.73 0.00	22.52 1.59 0.00
GOLAH___69_KV_TB 1_2 80279	21.95 -0.04 -0.35	17.39 -0.02 -0.46	15.35 0.06 -0.48	15.42 0.09 -0.43	15.45 0.17 -0.23	15.22 0.15 -0.40	16.26 -0.28 -0.01	16.01 -0.18 -0.06	17.52 -0.43 0.00	18.23 -0.32 0.00	18.44 -0.36 0.00	18.87 -0.48 0.00	19.41 -0.48 0.00	20.39 -0.46 0.00	20.89 -0.21 0.00	22.02 -0.11 0.00	25.31 -0.20 -0.15	28.24 -0.31 -0.10	28.10 -0.28 -0.06	26.97 -0.24 -0.15	25.30 -0.20 -0.02	21.76 0.15 0.00	20.70 -0.17 0.00	20.91 -0.02 0.00
GOODYEAR_LAKE_HYD 323669	23.09 0.93 -0.52	18.33 0.69 -0.69	16.15 0.62 -0.72	16.17 0.63 -0.64	16.03 0.63 -0.34	15.91 0.65 -0.60	17.22 0.68 -0.01	16.85 0.63 -0.08	18.70 0.75 0.00	19.34 0.80 0.00	19.58 0.79 0.00	20.24 0.89 0.00	20.83 0.93 0.00	21.85 1.00 0.00	22.18 1.08 0.00	23.30 1.17 0.00	26.83 1.24 -0.23	30.06 1.45 -0.15	29.89 1.47 -0.09	28.72 1.43 -0.22	26.89 1.38 -0.03	22.78 1.17 0.00	21.87 1.00 0.00	21.85 0.92 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.65 0.13 -0.87	18.21 0.10 -1.16	16.14 0.12 -1.21	16.10 0.12 -1.07	15.77 0.14 -0.58	15.84 0.16 -1.01	16.65 0.10 -0.02	16.31 0.03 -0.14	18.04 0.09 0.00	18.71 0.17 0.00	18.91 0.11 0.00	19.45 0.10 0.00	20.03 0.14 0.00	20.99 0.15 0.00	21.42 0.32 0.00	22.48 0.35 0.00	25.92 0.18 -0.38	28.93 0.23 -0.25	28.70 0.23 -0.15	27.63 0.19 -0.37	25.79 0.25 -0.05	22.08 0.48 0.00	21.12 0.25 0.00	21.20 0.27 0.00
GOUDEY___7 23579	22.65 0.13 -0.87	18.22 0.12 -1.16	16.15 0.13 -1.21	16.11 0.13 -1.07	15.78 0.15 -0.58	15.85 0.18 -1.01	16.66 0.12 -0.02	16.32 0.05 -0.14	18.06 0.11 0.00	18.73 0.19 0.00	18.93 0.13 0.00	19.47 0.12 0.00	20.05 0.16 0.00	21.01 0.17 0.00	21.44 0.34 0.00	22.51 0.38 0.00	25.95 0.20 -0.38	28.96 0.26 -0.25	28.73 0.25 -0.15	27.65 0.22 -0.37	25.81 0.28 -0.05	22.11 0.50 0.00	21.14 0.27 0.00	21.22 0.29 0.00
GOUDEY___8 23580	22.65 0.13 -0.87	18.21 0.10 -1.16	16.14 0.12 -1.21	16.10 0.12 -1.07	15.77 0.14 -0.58	15.84 0.16 -1.01	16.65 0.10 -0.02	16.31 0.03 -0.14	18.04 0.09 0.00	18.71 0.17 0.00	18.91 0.11 0.00	19.45 0.10 0.00	20.03 0.14 0.00	20.99 0.15 0.00	21.42 0.32 0.00	22.48 0.35 0.00	25.92 0.18 -0.38	28.93 0.23 -0.25	28.70 0.23 -0.15	27.63 0.19 -0.37	25.79 0.25 -0.05	22.08 0.48 0.00	21.12 0.25 0.00	21.20 0.27 0.00
GOWANUS_GT1_1 24077	26.32 1.71 -2.96	22.12 1.22 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.51 0.93 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.87 2.02 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.73 1.80 0.00

GOWANUS_GT1_2 24078	26.32 1.71 -2.96	22.12 1.22 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.51 0.93 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.87 2.02 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.73 1.80 0.00
GOWANUS_GT1_3 24079	26.32 1.71 -2.96	22.12 1.22 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.51 0.93 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.87 2.02 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.73 1.80 0.00
GOWANUS_GT1_4 24080	26.32 1.71 -2.96	22.12 1.22 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.51 0.93 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.87 2.02 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.73 1.80 0.00
GOWANUS_GT1_5 24084	26.32 1.71 -2.96	22.12 1.22 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.51 0.93 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.87 2.02 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.73 1.80 0.00
GOWANUS_GT1_6 24111	26.32 1.71 -2.96	22.12 1.22 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.51 0.93 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.87 2.02 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.73 1.80 0.00
GOWANUS_GT1_7 24112	26.32 1.71 -2.96	22.12 1.22 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.51 0.93 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.87 2.02 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.73 1.80 0.00
GOWANUS_GT1_8 24113	26.32 1.71 -2.96	22.12 1.22 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.51 0.93 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.87 2.02 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.73 1.80 0.00
GOWANUS_GT2_1 24114	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
GOWANUS_GT2_2 24115	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
GOWANUS_GT2_3 24116	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
GOWANUS_GT2_4 24117	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
GOWANUS_GT2_5 24118	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
GOWANUS_GT2_6 24119	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
GOWANUS_GT2_7 24120	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
GOWANUS_GT2_8 24121	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00

GOWANUS_GT3_1 24122	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
GOWANUS_GT3_2 24123	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
GOWANUS_GT3_3 24124	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
GOWANUS_GT3_4 24125	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
GOWANUS_GT3_5 24126	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
GOWANUS_GT3_6 24127	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
GOWANUS_GT3_7 24128	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
GOWANUS_GT3_8 24129	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
GOWANUS_GT4_1 24130	26.32 1.71 -2.96	22.12 1.22 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.51 0.93 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.87 2.02 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.73 1.80 0.00
GOWANUS_GT4_2 24131	26.32 1.71 -2.96	22.12 1.22 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.51 0.93 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.87 2.02 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.73 1.80 0.00
GOWANUS_GT4_3 24132	26.32 1.71 -2.96	22.12 1.22 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.51 0.93 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.87 2.02 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.73 1.80 0.00
GOWANUS_GT4_4 24133	26.32 1.71 -2.96	22.12 1.22 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.51 0.93 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.87 2.02 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.73 1.80 0.00
GOWANUS_GT4_5 24134	26.32 1.71 -2.96	22.12 1.22 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.51 0.93 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.87 2.02 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.73 1.80 0.00
GOWANUS_GT4_6 24135	26.32 1.71 -2.96	22.12 1.22 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.51 0.93 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.87 2.02 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.73 1.80 0.00
GOWANUS_GT4_7 24136	26.32 1.71 -2.96	22.12 1.22 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.51 0.93 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.87 2.02 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.73 1.80 0.00

GOWANUS_GT4_8 24137	26.32 1.71 -2.96	22.12 1.22 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.51 0.93 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.87 2.02 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.73 1.80 0.00
GREENBSH_115KV_TB3 55895	25.98 0.54 -3.79	22.44 0.42 -5.07	20.45 0.37 -5.27	19.96 0.37 -4.68	17.95 0.38 -2.52	19.45 0.38 -4.40	17.05 0.45 -0.07	17.19 0.44 -0.62	18.45 0.50 0.00	19.01 0.46 0.00	19.28 0.49 0.00	19.93 0.58 0.00	20.53 0.64 0.00	21.51 0.67 0.00	21.84 0.74 0.00	22.86 0.73 0.00	27.93 0.91 -1.66	30.60 1.05 -1.09	30.03 1.05 -0.65	29.69 1.00 -1.62	26.66 0.94 -0.24	22.30 0.69 0.00	21.52 0.65 0.00	21.50 0.57 0.00
GREENDGE_115KV_TB5 80291	22.34 0.15 -0.54	17.80 0.14 -0.72	15.70 0.13 -0.75	15.71 0.13 -0.67	15.57 0.15 -0.36	15.50 0.21 -0.63	16.59 0.05 -0.01	16.24 0.02 -0.09	17.93 -0.02 0.00	18.62 0.07 0.00	18.78 -0.02 0.00	19.27 -0.08 0.00	19.85 -0.04 0.00	20.82 -0.02 0.00	21.33 0.23 0.00	22.42 0.29 0.00	25.70 0.10 -0.24	28.84 0.23 -0.15	28.70 0.28 -0.09	27.54 0.24 -0.23	25.82 0.31 -0.03	22.19 0.58 0.00	21.12 0.25 0.00	21.22 0.29 0.00
GREENIDGE____3 23582	22.34 0.15 -0.54	17.80 0.14 -0.72	15.70 0.13 -0.75	15.71 0.13 -0.67	15.57 0.15 -0.36	15.50 0.21 -0.63	16.59 0.05 -0.01	16.24 0.02 -0.09	17.93 -0.02 0.00	18.62 0.07 0.00	18.78 -0.02 0.00	19.27 -0.08 0.00	19.85 -0.04 0.00	20.82 -0.02 0.00	21.33 0.23 0.00	22.42 0.29 0.00	25.70 0.10 -0.24	28.84 0.23 -0.15	28.70 0.28 -0.09	27.54 0.24 -0.23	25.82 0.31 -0.03	22.19 0.58 0.00	21.12 0.25 0.00	21.22 0.29 0.00
GREENIDGE____4 23583	22.36 0.17 -0.54	17.80 0.13 -0.72	15.70 0.13 -0.75	15.71 0.13 -0.67	15.57 0.15 -0.36	15.50 0.21 -0.63	16.59 0.05 -0.01	16.29 0.06 -0.09	17.95 0.00 0.00	18.62 0.07 0.00	18.78 -0.02 0.00	19.28 -0.08 0.00	19.85 -0.04 0.00	20.87 0.02 0.00	21.33 0.23 0.00	22.42 0.29 0.00	25.70 0.10 -0.24	28.84 0.23 -0.15	28.70 0.28 -0.09	27.54 0.24 -0.23	25.84 0.33 -0.03	22.19 0.58 0.00	21.14 0.27 0.00	21.33 0.40 0.00
GREENLWN_69_KV_BK 3 55738	26.77 2.14 -2.98	22.72 1.61 -4.17	23.58 1.45 -7.32	20.91 1.40 -4.60	18.47 1.43 -1.98	20.12 1.35 -4.10	18.09 1.50 -0.05	18.16 1.55 -0.48	19.75 1.78 -0.02	21.95 1.89 -1.52	22.87 1.88 -2.19	24.94 2.11 -3.48	25.54 2.17 -3.48	26.41 2.33 -3.24	26.64 2.47 -3.07	28.03 2.57 -3.33	53.95 2.99 -25.60	52.36 3.27 -20.63	57.60 3.12 -26.16	42.46 2.95 -12.45	40.02 2.75 -11.79	25.68 2.29 -1.78	27.13 2.25 -4.00	26.12 2.13 -3.05
GREENWD_138_KV_38B11_REV_LBMP_J 345004	26.32 1.71 -2.96	22.12 1.22 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.51 0.93 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.87 2.02 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.73 1.80 0.00
GRISSOM____SOLAR 323813	28.34 2.19 -4.50	24.61 1.64 -6.02	22.49 1.42 -6.25	21.85 1.39 -5.55	19.33 1.28 -2.99	21.35 1.45 -5.22	18.17 1.55 -0.08	18.38 1.52 -0.73	19.62 1.67 0.00	20.27 1.73 0.00	20.49 1.69 0.00	21.11 1.76 0.00	21.76 1.87 0.00	22.83 1.98 0.00	23.19 2.09 0.00	24.39 2.26 0.00	30.17 2.84 -1.97	33.30 3.56 -1.29	32.90 3.80 -0.77	32.56 3.57 -1.93	29.12 3.36 -0.28	24.29 2.68 0.00	23.19 2.32 0.00	23.07 2.14 0.00
GROVEVILLE____HYD 323602	26.14 1.52 -2.97	22.07 1.15 -3.98	19.96 1.02 -4.13	19.56 0.98 -3.67	17.96 0.93 -1.98	19.01 0.89 -3.45	17.56 0.98 -0.05	17.60 0.98 -0.49	19.12 1.17 0.00	19.79 1.24 0.00	20.07 1.28 0.00	20.82 1.47 0.00	21.46 1.57 0.00	22.51 1.67 0.00	22.89 1.79 0.00	23.99 1.86 0.00	28.85 2.18 -1.30	31.78 2.48 -0.85	31.22 2.38 -0.51	30.61 2.27 -1.27	27.75 2.09 -0.19	23.29 1.69 0.00	22.48 1.61 0.00	22.42 1.49 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.00 0.06 -0.29	17.38 0.05 -0.39	15.27 0.06 -0.40	15.32 0.06 -0.36	15.31 0.06 -0.19	15.08 0.07 -0.34	16.51 -0.03 -0.01	16.15 -0.03 -0.05	17.90 -0.05 0.00	18.51 -0.04 0.00	18.72 -0.08 0.00	19.20 -0.15 0.00	19.75 -0.14 0.00	20.70 -0.15 0.00	21.06 -0.04 0.00	22.11 -0.02 0.00	25.42 -0.08 -0.13	28.45 -0.09 -0.08	28.32 -0.06 -0.05	27.11 -0.08 -0.12	25.45 -0.05 -0.02	21.65 0.04 0.00	20.81 -0.06 0.00	20.89 -0.04 0.00
HAMLTNNY_34_KV_TB 80303	22.06 0.11 -0.31	17.44 0.08 -0.41	15.31 0.07 -0.43	15.36 0.07 -0.38	15.37 0.11 -0.20	15.13 0.10 -0.36	16.52 -0.02 -0.01	16.17 -0.02 -0.05	17.91 -0.04 0.00	18.55 0.00 0.00	18.76 -0.04 0.00	19.24 -0.12 0.00	19.79 -0.10 0.00	20.74 -0.10 0.00	21.12 0.02 0.00	22.15 0.02 0.00	25.50 0.00 -0.13	28.54 0.00 -0.09	28.41 0.03 -0.05	27.20 0.00 -0.13	25.52 0.03 -0.02	21.72 0.11 0.00	20.85 -0.02 0.00	20.93 0.00 0.00
HAMPSHIRE____PAPER_HYD 323593	20.91 -0.82 -0.08	16.39 -0.66 -0.11	14.30 -0.62 -0.11	14.38 -0.63 -0.10	14.46 -0.65 -0.05	14.13 -0.63 -0.09	15.94 -0.59 0.00	15.53 -0.61 -0.01	17.25 -0.70 0.00	17.77 -0.78 0.00	18.02 -0.77 0.00	18.56 -0.79 0.00	18.96 -0.93 0.00	19.84 -1.00 0.00	20.00 -1.10 0.00	21.02 -1.11 0.00	24.13 -1.27 -0.04	27.17 -1.31 -0.02	27.18 -1.16 -0.01	26.10 -1.00 -0.03	24.57 -0.92 -0.01	20.79 -0.82 0.00	20.06 -0.81 0.00	20.03 -0.90 0.00
HARDSCRABBLE_WT_PWR 323673	21.84 0.19 0.00	17.10 0.15 0.00	14.96 0.15 0.00	15.06 0.15 0.00	15.18 0.12 0.00	14.83 0.16 0.00	16.68 0.15 0.00	16.26 0.13 0.00	18.13 0.18 0.00	18.73 0.19 0.00	18.98 0.19 0.00	19.59 0.23 0.00	20.13 0.24 0.00	21.07 0.23 0.00	21.31 0.21 0.00	22.37 0.24 0.00	25.59 0.23 0.00	28.74 0.28 0.00	28.64 0.31 0.00	27.36 0.30 0.00	25.76 0.28 0.00	21.85 0.24 0.00	21.06 0.19 0.00	21.12 0.19 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.76 1.39 -2.73	21.64 1.05 -3.65	19.53 0.93 -3.79	19.17 0.89 -3.36	17.70 0.83 -1.81	18.65 0.82 -3.16	17.46 0.88 -0.05	17.50 0.92 -0.44	19.04 1.09 0.00	19.73 1.19 0.00	20.00 1.20 0.00	20.76 1.41 0.00	21.40 1.51 0.00	22.45 1.61 0.00	22.85 1.75 0.00	23.95 1.81 0.00	28.66 2.11 -1.19	31.60 2.36 -0.78	31.03 2.24 -0.47	30.34 2.11 -1.17	27.58 1.94 -0.17	23.19 1.58 0.00	22.37 1.50 0.00	22.29 1.36 0.00
HARSNRAD_115KV_TB1 81005	21.55 -0.52 -0.42	17.11 -0.39 -0.56	15.08 -0.31 -0.58	15.16 -0.27 -0.52	15.18 -0.15 -0.28	15.05 -0.10 -0.49	15.95 -0.60 -0.01	15.65 -0.55 -0.07	17.16 -0.79 0.00	17.95 -0.59 0.00	18.04 -0.75 0.00	18.46 -0.89 0.00	19.08 -0.82 0.00	20.01 -0.83 0.00	20.57 -0.53 0.00	21.64 -0.49 0.00	24.61 -0.94 -0.18	27.44 -1.14 -0.12	27.32 -1.08 -0.07	26.24 -1.00 -0.18	24.66 -0.84 -0.03	21.50 -0.11 0.00	20.33 -0.54 0.00	20.70 -0.23 0.00

HARZA MOOSE___RIVER 24016	21.86 0.11 -0.11	17.15 0.07 -0.14	14.99 0.03 -0.15	15.07 0.03 -0.13	15.14 0.02 -0.07	14.85 0.06 -0.12	16.58 0.05 0.00	16.15 0.00 -0.02	17.93 -0.02 0.00	18.49 -0.06 0.00	18.74 -0.06 0.00	19.31 -0.04 0.00	19.81 -0.08 0.00	20.78 -0.06 0.00	21.02 -0.08 0.00	22.11 -0.02 0.00	25.34 -0.08 -0.05	28.52 0.03 -0.03	28.49 0.14 -0.02	27.35 0.24 -0.05	25.77 0.28 -0.01	21.82 0.22 0.00	20.98 0.10 0.00	20.97 0.04 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	21.85 -0.06 -0.26	17.24 -0.05 -0.35	15.13 -0.04 -0.37	15.19 -0.04 -0.32	15.20 -0.03 -0.17	14.95 -0.03 -0.30	16.39 -0.15 0.00	16.03 -0.15 -0.04	17.77 -0.18 0.00	18.38 -0.17 0.00	18.59 -0.21 0.00	19.08 -0.27 0.00	19.61 -0.28 0.00	20.55 -0.29 0.00	20.91 -0.19 0.00	21.95 -0.18 0.00	25.20 -0.28 -0.11	28.22 -0.31 -0.08	28.06 -0.31 -0.05	26.85 -0.32 -0.11	25.24 -0.25 -0.02	21.50 -0.11 0.00	20.66 -0.21 0.00	20.74 -0.19 0.00
HELLGATE_13_KV_LD 55870	26.23 1.62 -2.96	22.09 1.19 -3.96	20.01 1.08 -4.11	19.58 1.01 -3.66	18.00 0.98 -1.97	19.01 0.91 -3.43	17.53 0.94 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.92 1.37 0.00	20.24 1.45 0.00	21.06 1.70 0.00	21.74 1.85 0.00	22.80 1.96 0.00	23.13 2.03 0.00	24.23 2.10 0.00	29.14 2.49 -1.29	31.92 2.62 -0.85	31.21 2.38 -0.51	30.58 2.25 -1.27	27.78 2.11 -0.18	23.34 1.73 0.00	22.69 1.82 0.00	22.65 1.72 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	26.23 1.62 -2.96	22.09 1.19 -3.96	20.01 1.08 -4.11	19.58 1.01 -3.66	18.00 0.98 -1.97	19.01 0.91 -3.43	17.53 0.94 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.92 1.37 0.00	20.24 1.45 0.00	21.06 1.70 0.00	21.74 1.85 0.00	22.80 1.96 0.00	23.13 2.03 0.00	24.23 2.10 0.00	29.14 2.49 -1.29	31.92 2.62 -0.85	31.21 2.38 -0.51	30.58 2.25 -1.27	27.78 2.11 -0.18	23.34 1.73 0.00	22.69 1.82 0.00	22.65 1.72 0.00
HEMPSTEAD____ 23647	26.46 1.84 -2.98	22.51 1.41 -4.17	23.39 1.26 -7.32	20.73 1.22 -4.60	18.27 1.23 -1.98	19.93 1.16 -4.10	17.89 1.29 -0.06	17.95 1.32 -0.49	19.51 1.54 -0.02	21.73 1.67 -1.51	22.65 1.67 -2.19	24.70 1.88 -3.47	25.64 2.01 -3.74	26.24 2.17 -3.23	26.38 2.21 -3.06	29.00 2.30 -4.57	53.62 2.66 -25.59	51.98 2.90 -20.62	57.26 2.78 -26.15	42.11 2.60 -12.45	39.71 2.45 -11.79	27.05 2.01 -3.43	26.87 2.00 -4.00	25.90 1.92 -3.05
HEWLETT__69_KV_BK3 55828	26.66 2.03 -2.98	22.65 1.54 -4.16	23.51 1.38 -7.32	20.84 1.33 -4.60	18.36 1.32 -1.98	20.03 1.26 -4.10	17.99 1.41 -0.05	18.07 1.45 -0.48	19.65 1.69 -0.02	21.86 1.80 -1.51	22.75 1.77 -2.19	24.80 1.97 -3.47	25.74 2.11 -3.74	26.31 2.23 -3.23	26.52 2.36 -3.06	29.13 2.50 -4.50	53.87 2.92 -25.59	52.30 3.22 -20.62	57.54 3.06 -26.15	42.40 2.90 -12.44	39.99 2.73 -11.79	27.19 2.25 -3.33	27.10 2.23 -3.99	26.07 2.09 -3.05
HICKLING___1 23621	22.33 0.00 -0.69	17.90 0.03 -0.92	15.84 0.07 -0.95	15.81 0.06 -0.85	15.66 0.15 -0.46	15.61 0.15 -0.80	16.61 0.07 -0.01	16.18 -0.06 -0.11	17.97 0.02 0.00	18.69 0.15 0.00	18.83 0.04 0.00	19.35 0.00 0.00	19.93 0.04 0.00	20.91 0.06 0.00	21.46 0.36 0.00	22.55 0.42 0.00	25.69 0.03 -0.30	28.74 0.09 -0.20	28.56 0.11 -0.12	27.41 0.05 -0.29	25.70 0.18 -0.04	22.26 0.65 0.00	21.16 0.29 0.00	21.27 0.33 0.00
HICKLING___2 23622	22.33 0.00 -0.69	17.90 0.03 -0.92	15.84 0.07 -0.95	15.81 0.06 -0.85	15.66 0.15 -0.46	15.61 0.15 -0.80	16.61 0.07 -0.01	16.18 -0.06 -0.11	17.97 0.02 0.00	18.69 0.15 0.00	18.83 0.04 0.00	19.35 0.00 0.00	19.93 0.04 0.00	20.91 0.06 0.00	21.46 0.36 0.00	22.55 0.42 0.00	25.69 0.03 -0.30	28.74 0.09 -0.20	28.56 0.11 -0.12	27.41 0.05 -0.29	25.70 0.18 -0.04	22.26 0.65 0.00	21.16 0.29 0.00	21.27 0.33 0.00
HIGH FALLS___HY 23754	26.15 1.58 -2.93	22.04 1.19 -3.91	19.93 1.05 -4.06	19.53 1.01 -3.61	17.86 0.86 -1.94	18.97 0.91 -3.39	17.55 0.96 -0.05	17.58 0.97 -0.48	19.10 1.15 0.00	19.79 1.24 0.00	20.03 1.24 0.00	20.80 1.45 0.00	21.44 1.55 0.00	22.49 1.65 0.00	22.89 1.79 0.00	24.01 1.88 0.00	28.85 2.21 -1.28	31.80 2.50 -0.84	31.24 2.41 -0.50	30.64 2.33 -1.25	27.80 2.14 -0.18	23.36 1.75 0.00	22.52 1.65 0.00	22.46 1.53 0.00
HILLBURN___GT 23639	25.79 1.36 -2.78	21.69 1.03 -3.71	19.62 0.95 -3.86	19.23 0.89 -3.43	17.71 0.81 -1.85	18.73 0.84 -3.22	17.48 0.89 -0.05	17.52 0.94 -0.45	19.08 1.13 0.00	19.79 1.24 0.00	20.07 1.28 0.00	20.82 1.47 0.00	21.48 1.59 0.00	22.60 1.75 0.00	22.93 1.83 0.00	24.03 1.90 0.00	28.78 2.21 -1.21	31.67 2.42 -0.79	31.10 2.29 -0.48	30.39 2.14 -1.19	27.61 1.96 -0.17	23.23 1.62 0.00	22.42 1.54 0.00	22.40 1.46 0.00
HILLSIDE_115KV_TB1 80332	22.05 -0.30 -0.71	17.67 -0.22 -0.95	15.65 -0.15 -0.99	15.63 -0.15 -0.88	15.41 -0.12 -0.47	15.42 -0.07 -0.82	16.40 -0.15 -0.01	15.96 -0.29 -0.12	17.75 -0.20 0.00	18.47 -0.07 0.00	18.61 -0.19 0.00	19.14 -0.21 0.00	19.71 -0.18 0.00	20.68 -0.17 0.00	21.23 0.13 0.00	22.29 0.15 0.00	25.37 -0.30 -0.31	28.38 -0.28 -0.20	28.14 -0.31 -0.12	27.02 -0.35 -0.30	25.32 -0.20 -0.04	21.93 0.32 0.00	20.87 0.00 0.00	20.97 0.04 0.00
HISHELDN_WT_PWR 323625	21.75 -0.39 -0.50	17.33 -0.27 -0.66	15.29 -0.21 -0.69	15.34 -0.18 -0.61	15.32 -0.06 -0.33	15.21 -0.03 -0.57	16.23 -0.31 -0.01	15.92 -0.29 -0.08	17.50 -0.45 0.00	18.27 -0.28 0.00	18.38 -0.41 0.00	18.83 -0.52 0.00	19.43 -0.46 0.00	20.45 -0.40 0.00	20.97 -0.13 0.00	22.06 -0.07 0.00	24.95 -0.63 -0.22	27.86 -0.74 -0.14	27.71 -0.71 -0.08	26.57 -0.70 -0.21	25.08 -0.43 -0.03	21.85 0.24 0.00	20.68 -0.19 0.00	21.12 0.19 0.00
HOLTSVILLE_IC_1 23690	26.94 2.32 -2.98	22.85 1.75 -4.17	23.75 1.61 -7.32	21.07 1.56 -4.60	18.66 1.63 -1.98	20.28 1.51 -4.10	18.26 1.67 -0.06	18.30 1.68 -0.49	19.91 1.94 -0.02	22.08 2.02 -1.51	23.03 2.05 -2.19	25.12 2.28 -3.48	35.83 2.45 -13.49	26.60 2.52 -3.23	26.76 2.59 -3.07	37.27 2.72 -12.42	54.10 3.14 -25.59	52.56 3.47 -20.63	57.80 3.31 -26.16	42.66 3.14 -12.45	40.20 2.93 -11.79	37.86 2.44 -13.81	27.27 2.40 -4.00	26.32 2.34 -3.05
HOLTSVILLE_IC_10 23699	27.11 2.49 -2.98	22.97 1.86 -4.17	23.85 1.72 -7.32	21.16 1.65 -4.60	18.78 1.75 -1.98	20.37 1.60 -4.10	18.36 1.77 -0.06	18.41 1.79 -0.49	20.01 2.05 -0.02	22.21 2.15 -1.51	23.16 2.18 -2.19	25.27 2.44 -3.48	35.29 2.61 -12.80	26.79 2.71 -3.23	26.95 2.78 -3.07	38.11 2.94 -13.04	54.33 3.37 -25.59	52.84 3.76 -20.63	58.08 3.60 -26.16	42.90 3.38 -12.45	40.45 3.18 -11.79	38.90 2.66 -14.63	27.46 2.59 -4.00	26.49 2.51 -3.05
HOLTSVILLE_IC_2 23691	26.94 2.32 -2.98	22.85 1.75 -4.17	23.75 1.61 -7.32	21.07 1.56 -4.60	18.66 1.63 -1.98	20.28 1.51 -4.10	18.26 1.67 -0.06	18.30 1.68 -0.49	19.91 1.94 -0.02	22.08 2.02 -1.51	23.03 2.05 -2.19	25.12 2.28 -3.48	35.83 2.45 -13.49	26.60 2.52 -3.23	26.76 2.59 -3.07	37.27 2.72 -12.42	54.10 3.14 -25.59	52.56 3.47 -20.63	57.80 3.31 -26.16	42.66 3.14 -12.45	40.20 2.93 -11.79	37.86 2.44 -13.81	27.27 2.40 -4.00	26.32 2.34 -3.05

HOLTSVILLE_IC_3 23692	26.94 2.32 -2.98	22.85 1.75 -4.17	23.75 1.61 -7.32	21.07 1.56 -4.60	18.66 1.63 -1.98	20.28 1.51 -4.10	18.26 1.67 -0.06	18.30 1.68 -0.49	19.91 1.94 -0.02	22.08 2.02 -1.51	23.03 2.05 -2.19	25.12 2.28 -3.48	35.83 2.45 -13.49	26.60 2.52 -3.23	26.76 2.59 -3.07	37.27 2.72 -12.42	54.10 3.14 -25.59	52.56 3.47 -20.63	57.80 3.31 -26.16	42.66 3.14 -12.45	40.20 2.93 -11.79	37.86 2.44 -13.81	27.27 2.40 -4.00	26.32 2.34 -3.05
HOLTSVILLE_IC_4 23693	26.94 2.32 -2.98	22.85 1.75 -4.17	23.75 1.61 -7.32	21.07 1.56 -4.60	18.66 1.63 -1.98	20.28 1.51 -4.10	18.26 1.67 -0.06	18.30 1.68 -0.49	19.91 1.94 -0.02	22.08 2.02 -1.51	23.03 2.05 -2.19	25.12 2.28 -3.48	35.83 2.45 -13.49	26.60 2.52 -3.23	26.76 2.59 -3.07	37.27 2.72 -12.42	54.10 3.14 -25.59	52.56 3.47 -20.63	57.80 3.31 -26.16	42.66 3.14 -12.45	40.20 2.93 -11.79	37.86 2.44 -13.81	27.27 2.40 -4.00	26.32 2.34 -3.05
HOLTSVILLE_IC_5 23694	26.94 2.32 -2.98	22.85 1.75 -4.17	23.75 1.61 -7.32	21.07 1.56 -4.60	18.66 1.63 -1.98	20.28 1.51 -4.10	18.26 1.67 -0.06	18.30 1.68 -0.49	19.91 1.94 -0.02	22.08 2.02 -1.51	23.03 2.05 -2.19	25.12 2.28 -3.48	35.83 2.45 -13.49	26.60 2.52 -3.23	26.76 2.59 -3.07	37.27 2.72 -12.42	54.10 3.14 -25.59	52.56 3.47 -20.63	57.80 3.31 -26.16	42.66 3.14 -12.45	40.20 2.93 -11.79	37.86 2.44 -13.81	27.27 2.40 -4.00	26.32 2.34 -3.05
HOLTSVILLE_IC_6 23695	27.11 2.49 -2.98	22.97 1.86 -4.17	23.85 1.72 -7.32	21.16 1.65 -4.60	18.78 1.75 -1.98	20.37 1.60 -4.10	18.36 1.77 -0.06	18.41 1.79 -0.49	20.01 2.05 -0.02	22.21 2.15 -1.51	23.16 2.18 -2.19	25.27 2.44 -3.48	35.29 2.61 -12.80	26.79 2.71 -3.23	26.95 2.78 -3.07	38.11 2.94 -13.04	54.33 3.37 -25.59	52.84 3.76 -20.63	58.08 3.60 -26.16	42.90 3.38 -12.45	40.45 3.18 -11.79	38.90 2.66 -14.63	27.46 2.59 -4.00	26.49 2.51 -3.05
HOLTSVILLE_IC_7 23696	27.11 2.49 -2.98	22.97 1.86 -4.17	23.85 1.72 -7.32	21.16 1.65 -4.60	18.78 1.75 -1.98	20.37 1.60 -4.10	18.36 1.77 -0.06	18.41 1.79 -0.49	20.01 2.05 -0.02	22.21 2.15 -1.51	23.16 2.18 -2.19	25.27 2.44 -3.48	35.29 2.61 -12.80	26.79 2.71 -3.23	26.95 2.78 -3.07	38.11 2.94 -13.04	54.33 3.37 -25.59	52.84 3.76 -20.63	58.08 3.60 -26.16	42.90 3.38 -12.45	40.45 3.18 -11.79	38.90 2.66 -14.63	27.46 2.59 -4.00	26.49 2.51 -3.05
HOLTSVILLE_IC_8 23697	27.11 2.49 -2.98	22.97 1.86 -4.17	23.85 1.72 -7.32	21.16 1.65 -4.60	18.78 1.75 -1.98	20.37 1.60 -4.10	18.36 1.77 -0.06	18.41 1.79 -0.49	20.01 2.05 -0.02	22.21 2.15 -1.51	23.16 2.18 -2.19	25.27 2.44 -3.48	35.29 2.61 -12.80	26.79 2.71 -3.23	26.95 2.78 -3.07	38.11 2.94 -13.04	54.33 3.37 -25.59	52.84 3.76 -20.63	58.08 3.60 -26.16	42.90 3.38 -12.45	40.45 3.18 -11.79	38.90 2.66 -14.63	27.46 2.59 -4.00	26.49 2.51 -3.05
HOLTSVILLE_IC_9 23698	27.11 2.49 -2.98	22.97 1.86 -4.17	23.85 1.72 -7.32	21.16 1.65 -4.60	18.78 1.75 -1.98	20.37 1.60 -4.10	18.36 1.77 -0.06	18.41 1.79 -0.49	20.01 2.05 -0.02	22.21 2.15 -1.51	23.16 2.18 -2.19	25.27 2.44 -3.48	35.29 2.61 -12.80	26.79 2.71 -3.23	26.95 2.78 -3.07	38.11 2.94 -13.04	54.33 3.37 -25.59	52.84 3.76 -20.63	58.08 3.60 -26.16	42.90 3.38 -12.45	40.45 3.18 -11.79	38.90 2.66 -14.63	27.46 2.59 -4.00	26.49 2.51 -3.05
HOMER_HL_115KV_TB2 355744	21.11 -1.06 -0.52	16.85 -0.80 -0.70	14.92 -0.62 -0.73	14.91 -0.64 -0.64	14.88 -0.53 -0.35	14.81 -0.47 -0.61	16.33 -0.21 -0.01	15.40 -0.82 -0.09	17.68 -0.27 0.00	18.47 -0.07 0.00	18.53 -0.26 0.00	19.02 -0.33 0.00	19.63 -0.26 0.00	20.57 -0.27 0.00	21.27 0.17 0.00	22.35 0.22 0.00	24.40 -1.19 -0.23	27.30 -1.31 -0.15	27.11 -1.30 -0.09	25.96 -1.33 -0.22	24.62 -0.89 -0.03	22.08 0.48 0.00	20.83 -0.04 0.00	21.06 0.13 0.00
HOWARD_WT_PWR 323690	22.38 0.15 -0.58	17.85 0.13 -0.77	15.76 0.15 -0.80	15.77 0.15 -0.71	15.66 0.23 -0.38	15.62 0.28 -0.67	16.69 0.15 -0.01	16.37 0.14 -0.09	18.00 0.05 0.00	18.73 0.19 0.00	18.83 0.04 0.00	19.31 -0.04 0.00	19.93 0.04 0.00	20.97 0.13 0.00	21.50 0.40 0.00	22.62 0.49 0.00	25.64 0.03 -0.25	28.74 0.11 -0.16	28.63 0.20 -0.10	27.47 0.16 -0.25	25.90 0.38 -0.04	22.45 0.84 0.00	21.29 0.42 0.00	21.58 0.65 0.00
HQ_GEN_CEDARS 23644	21.15 -0.50 0.00	16.57 -0.37 0.00	14.44 -0.37 0.00	14.52 -0.39 0.00	14.59 -0.47 0.00	14.24 -0.43 0.00	16.30 -0.23 0.00	15.94 -0.19 0.00	17.72 -0.23 0.00	18.27 -0.28 0.00	18.59 -0.21 0.00	19.10 -0.25 0.00	19.43 -0.46 0.00	20.39 -0.46 0.00	20.47 -0.63 0.00	21.44 -0.69 0.00	24.60 -0.76 0.00	27.63 -0.83 0.00	27.56 -0.76 0.00	26.33 -0.73 0.00	24.79 -0.69 0.00	21.03 -0.58 0.00	20.39 -0.48 0.00	20.49 -0.44 0.00
HQ_GEN_CEDARS_PROXY 323590	21.15 -0.50 0.00	16.57 -0.37 0.00	14.44 -0.37 0.00	14.53 -0.37 0.00	14.59 -0.47 0.00	14.24 -0.43 0.00	16.30 -0.23 0.00	15.92 -0.21 0.00	17.72 -0.23 0.00	18.27 -0.28 0.00	18.59 -0.21 0.00	19.10 -0.25 0.00	19.43 -0.46 0.00	20.32 -0.52 0.00	20.47 -0.63 0.00	21.44 -0.69 0.00	24.61 -0.76 0.00	27.63 -0.83 0.00	27.56 -0.76 0.00	26.33 -0.73 0.00	24.82 -0.66 0.00	21.03 -0.58 0.00	20.37 -0.50 0.00	20.34 -0.59 0.00
HQ_GEN_IMPORT 323601	21.32 -0.32 0.00	16.69 -0.25 0.00	14.58 -0.24 0.00	14.67 -0.24 0.00	14.80 -0.26 0.00	14.42 -0.25 0.00	16.37 -0.17 0.00	15.97 -0.16 0.00	17.77 -0.18 0.00	18.34 -0.20 0.00	18.61 -0.19 0.00	19.16 -0.19 0.00	19.65 -0.24 0.00	20.55 -0.29 0.00	20.74 -0.36 0.00	21.75 -0.38 0.00	24.93 -0.43 0.00	28.00 -0.46 0.00	27.87 -0.45 0.00	26.63 -0.43 0.00	25.07 -0.41 0.00	21.26 -0.35 0.00	20.60 -0.27 0.00	20.57 -0.36 0.00
HQ_GEN_WHEEL 23651	21.32 -0.32 0.00	16.69 -0.25 0.00	14.58 -0.24 0.00	14.67 -0.24 0.00	14.80 -0.26 0.00	14.42 -0.25 0.00	16.37 -0.17 0.00	15.97 -0.16 0.00	17.77 -0.18 0.00	18.34 -0.20 0.00	18.61 -0.19 0.00	19.16 -0.19 0.00	19.65 -0.24 0.00	20.55 -0.29 0.00	20.74 -0.36 0.00	21.75 -0.38 0.00	24.93 -0.43 0.00	28.00 -0.46 0.00	27.87 -0.45 0.00	26.63 -0.43 0.00	25.07 -0.41 0.00	21.26 -0.35 0.00	20.60 -0.27 0.00	20.57 -0.36 0.00
HUDSON_AVE_GT_3 23810	26.21 1.60 -2.96	22.09 1.19 -3.96	19.99 1.07 -4.11	19.57 1.01 -3.65	18.00 0.98 -1.97	19.04 0.94 -3.43	17.61 1.03 -0.05	17.74 1.13 -0.48	19.30 1.35 0.00	20.01 1.47 0.00	20.32 1.52 0.00	21.11 1.76 0.00	21.78 1.89 0.00	22.85 2.00 0.00	23.19 2.09 0.00	24.32 2.19 0.00	29.19 2.54 -1.29	32.04 2.73 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.90 2.24 -0.18	23.42 1.82 0.00	22.71 1.84 0.00	22.63 1.70 0.00
HUDSON_AVE_GT_4 23540	26.21 1.60 -2.96	22.09 1.19 -3.96	19.99 1.07 -4.11	19.57 1.01 -3.65	18.00 0.98 -1.97	19.04 0.94 -3.43	17.61 1.03 -0.05	17.74 1.13 -0.48	19.30 1.35 0.00	20.01 1.47 0.00	20.32 1.52 0.00	21.11 1.76 0.00	21.78 1.89 0.00	22.85 2.00 0.00	23.19 2.09 0.00	24.32 2.19 0.00	29.19 2.54 -1.29	32.04 2.73 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.90 2.24 -0.18	23.42 1.82 0.00	22.71 1.84 0.00	22.63 1.70 0.00

HUDSON_AVE_GT_5 23657	26.21 1.60 -2.96	22.09 1.19 -3.96	19.99 1.07 -4.11	19.57 1.01 -3.65	18.00 0.98 -1.97	19.04 0.94 -3.43	17.61 1.03 -0.05	17.74 1.13 -0.48	19.30 1.35 0.00	20.01 1.47 0.00	20.32 1.52 0.00	21.11 1.76 0.00	21.78 1.89 0.00	22.85 2.00 0.00	23.19 2.09 0.00	24.32 2.19 0.00	29.19 2.54 -1.29	32.04 2.73 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.90 2.24 -0.18	23.42 1.82 0.00	22.71 1.84 0.00	22.63 1.70 0.00
HUDSON_AVE_10 24168	26.12 1.52 -2.96	22.00 1.10 -3.96	19.93 1.01 -4.11	19.50 0.94 -3.65	17.93 0.90 -1.97	19.00 0.89 -3.43	17.56 0.98 -0.05	17.70 1.08 -0.48	19.26 1.31 0.00	19.99 1.45 0.00	20.26 1.47 0.00	21.06 1.70 0.00	21.72 1.83 0.00	22.78 1.94 0.00	23.13 2.03 0.00	24.26 2.12 0.00	29.12 2.46 -1.29	31.95 2.65 -0.85	31.27 2.44 -0.51	30.63 2.30 -1.27	27.83 2.17 -0.18	23.36 1.75 0.00	22.65 1.77 0.00	22.54 1.61 0.00
HUDSON___115KV_TB 4 355613	26.24 0.91 -3.68	22.54 0.68 -4.92	20.50 0.58 -5.11	20.03 0.58 -4.54	18.09 0.59 -2.45	19.51 0.57 -4.27	17.29 0.69 -0.07	17.33 0.60 -0.60	18.67 0.72 0.00	19.23 0.69 0.00	19.49 0.70 0.00	20.15 0.79 0.00	20.77 0.88 0.00	21.74 0.90 0.00	22.09 0.99 0.00	23.15 1.02 0.00	28.22 1.24 -1.61	31.02 1.51 -1.05	30.55 1.59 -0.63	30.18 1.54 -1.58	27.19 1.48 -0.23	22.75 1.15 0.00	21.89 1.02 0.00	21.85 0.92 0.00
HUNTER MOUNT___DRP 323613	26.12 0.91 -3.56	22.38 0.68 -4.76	20.32 0.56 -4.94	19.86 0.57 -4.39	18.01 0.59 -2.36	19.35 0.56 -4.13	17.29 0.69 -0.07	17.28 0.56 -0.58	18.65 0.70 0.00	19.20 0.65 0.00	19.43 0.64 0.00	20.09 0.74 0.00	20.71 0.82 0.00	21.70 0.85 0.00	22.03 0.93 0.00	23.08 0.95 0.00	28.06 1.14 -1.55	30.93 1.45 -1.02	30.50 1.56 -0.61	30.13 1.54 -1.52	27.23 1.53 -0.22	22.80 1.19 0.00	21.92 1.04 0.00	21.87 0.94 0.00
HUNTINGTON_RES_REC 323705	26.92 2.29 -2.98	22.86 1.75 -4.17	23.70 1.57 -7.32	21.03 1.52 -4.60	18.63 1.60 -1.98	20.24 1.47 -4.10	18.22 1.62 -0.06	18.27 1.65 -0.49	19.87 1.90 -0.02	22.08 2.02 -1.51	23.02 2.03 -2.19	25.11 2.28 -3.48	39.24 2.39 -16.96	26.66 2.58 -3.23	26.85 2.68 -3.07	49.98 2.81 -25.04	54.21 3.25 -25.59	52.64 3.56 -20.63	57.88 3.40 -26.16	42.73 3.22 -12.45	40.27 3.00 -11.79	54.59 2.48 -30.50	27.31 2.44 -4.00	26.35 2.36 -3.05
HUNTLEY___63 23557	21.71 -0.37 -0.44	17.27 -0.25 -0.58	15.22 -0.19 -0.60	15.29 -0.15 -0.54	15.31 -0.03 -0.29	15.20 0.03 -0.50	16.11 -0.43 -0.01	15.74 -0.47 -0.07	17.32 -0.63 0.00	18.10 -0.45 0.00	18.19 -0.60 0.00	18.62 -0.74 0.00	19.23 -0.66 0.00	20.18 -0.67 0.00	20.76 -0.34 0.00	21.84 -0.29 0.00	24.77 -0.79 -0.19	27.61 -0.97 -0.12	27.50 -0.91 -0.07	26.38 -0.87 -0.19	24.84 -0.66 -0.03	21.67 0.06 0.00	20.48 -0.40 0.00	20.85 -0.08 0.00
HUNTLEY___64 23558	21.71 -0.37 -0.44	17.27 -0.25 -0.58	15.22 -0.19 -0.60	15.29 -0.15 -0.54	15.31 -0.03 -0.29	15.20 0.03 -0.50	16.11 -0.43 -0.01	15.74 -0.47 -0.07	17.32 -0.63 0.00	18.10 -0.45 0.00	18.19 -0.60 0.00	18.62 -0.74 0.00	19.23 -0.66 0.00	20.18 -0.67 0.00	20.76 -0.34 0.00	21.84 -0.29 0.00	24.77 -0.79 -0.19	27.61 -0.97 -0.12	27.50 -0.91 -0.07	26.38 -0.87 -0.19	24.84 -0.66 -0.03	21.67 0.06 0.00	20.48 -0.40 0.00	20.85 -0.08 0.00
HUNTLEY___65 23559	21.71 -0.37 -0.44	17.27 -0.25 -0.58	15.22 -0.19 -0.60	15.29 -0.15 -0.54	15.31 -0.03 -0.29	15.20 0.03 -0.50	16.11 -0.43 -0.01	15.74 -0.47 -0.07	17.32 -0.63 0.00	18.10 -0.45 0.00	18.19 -0.60 0.00	18.62 -0.74 0.00	19.23 -0.66 0.00	20.18 -0.67 0.00	20.76 -0.34 0.00	21.84 -0.29 0.00	24.77 -0.79 -0.19	27.61 -0.97 -0.12	27.50 -0.91 -0.07	26.38 -0.87 -0.19	24.84 -0.66 -0.03	21.67 0.06 0.00	20.48 -0.40 0.00	20.85 -0.08 0.00
HUNTLEY___66 23560	21.71 -0.37 -0.44	17.27 -0.25 -0.58	15.22 -0.19 -0.60	15.29 -0.15 -0.54	15.31 -0.03 -0.29	15.20 0.03 -0.50	16.11 -0.43 -0.01	15.74 -0.47 -0.07	17.32 -0.63 0.00	18.10 -0.45 0.00	18.19 -0.60 0.00	18.62 -0.74 0.00	19.23 -0.66 0.00	20.18 -0.67 0.00	20.76 -0.34 0.00	21.84 -0.29 0.00	24.77 -0.79 -0.19	27.61 -0.97 -0.12	27.50 -0.91 -0.07	26.38 -0.87 -0.19	24.84 -0.66 -0.03	21.67 0.06 0.00	20.48 -0.40 0.00	20.85 -0.08 0.00
HUNTLEY___67 23561	21.55 -0.54 -0.44	17.13 -0.41 -0.59	15.12 -0.31 -0.62	15.19 -0.27 -0.55	15.20 -0.15 -0.29	15.07 -0.12 -0.52	16.01 -0.53 -0.01	15.66 -0.55 -0.07	17.25 -0.70 0.00	18.03 -0.52 0.00	18.14 -0.66 0.00	18.56 -0.79 0.00	19.18 -0.72 0.00	20.12 -0.73 0.00	20.70 -0.40 0.00	21.75 -0.38 0.00	24.65 -0.91 -0.19	27.50 -1.08 -0.13	27.33 -1.08 -0.08	26.25 -1.00 -0.19	24.69 -0.82 -0.03	21.59 -0.02 0.00	20.41 -0.46 0.00	20.74 -0.19 0.00
HUNTLEY___68 23562	21.55 -0.54 -0.44	17.13 -0.41 -0.59	15.12 -0.31 -0.62	15.19 -0.27 -0.55	15.20 -0.15 -0.29	15.07 -0.12 -0.52	16.01 -0.53 -0.01	15.66 -0.55 -0.07	17.25 -0.70 0.00	18.03 -0.52 0.00	18.14 -0.66 0.00	18.56 -0.79 0.00	19.18 -0.72 0.00	20.12 -0.73 0.00	20.70 -0.40 0.00	21.75 -0.38 0.00	24.65 -0.91 -0.19	27.50 -1.08 -0.13	27.33 -1.08 -0.08	26.25 -1.00 -0.19	24.69 -0.82 -0.03	21.59 -0.02 0.00	20.41 -0.46 0.00	20.74 -0.19 0.00
HYLAND___LFGE 323620	22.93 0.80 -0.48	18.17 0.59 -0.64	16.01 0.53 -0.66	16.03 0.54 -0.59	16.07 0.69 -0.32	15.84 0.62 -0.55	16.74 0.20 -0.01	16.18 -0.03 -0.08	17.39 -0.56 0.00	17.90 -0.65 0.00	17.89 -0.90 0.00	18.29 -1.06 0.00	18.90 -0.99 0.00	19.91 -0.94 0.00	20.47 -0.63 0.00	21.58 -0.55 0.00	24.89 -0.68 -0.21	28.34 -0.26 -0.14	28.69 0.28 -0.08	28.05 0.79 -0.20	26.50 0.99 -0.03	22.84 1.23 0.00	21.69 0.81 0.00	21.91 0.98 0.00
INDECK___CORINTH 23802	26.27 0.67 -3.95	22.70 0.47 -5.28	20.71 0.41 -5.49	20.18 0.40 -4.87	18.15 0.47 -2.63	19.68 0.43 -4.58	16.99 0.38 -0.07	17.15 0.37 -0.64	18.42 0.47 0.00	18.99 0.44 0.00	19.26 0.47 0.00	19.91 0.56 0.00	20.51 0.62 0.00	21.51 0.67 0.00	21.78 0.68 0.00	22.82 0.69 0.00	28.00 0.91 -1.72	30.73 1.14 -1.13	30.22 1.22 -0.68	29.89 1.14 -1.69	26.92 1.20 -0.25	22.52 0.91 0.00	21.64 0.77 0.00	21.60 0.67 0.00
INDECK___ILION 23567	21.82 0.17 0.00	17.08 0.14 0.00	14.95 0.13 0.00	15.04 0.13 0.00	15.16 0.11 0.00	14.80 0.13 0.00	16.67 0.13 0.00	16.25 0.11 0.00	18.09 0.14 0.00	18.69 0.15 0.00	18.93 0.13 0.00	19.53 0.17 0.00	20.07 0.18 0.00	21.01 0.17 0.00	21.29 0.19 0.00	22.35 0.22 0.00	25.57 0.20 0.00	28.71 0.26 0.00	28.61 0.28 0.00	27.33 0.27 0.00	25.73 0.25 0.00	21.82 0.22 0.00	21.04 0.17 0.00	21.10 0.17 0.00
INDECK___OLEAN 23982	21.11 -1.06 -0.52	16.85 -0.80 -0.70	14.92 -0.62 -0.73	14.91 -0.64 -0.64	14.88 -0.53 -0.35	14.81 -0.47 -0.61	16.29 -0.25 -0.01	16.01 -0.21 -0.09	17.68 -0.27 0.00	18.47 -0.07 0.00	18.53 -0.26 0.00	19.02 -0.33 0.00	19.63 -0.26 0.00	20.66 -0.19 0.00	21.27 0.17 0.00	22.35 0.22 0.00	24.40 -1.19 -0.23	27.30 -1.31 -0.15	27.11 -1.30 -0.09	25.96 -1.33 -0.22	25.00 -0.51 -0.03	22.08 0.47 0.00	20.85 -0.02 0.00	21.20 0.27 0.00

INDECK___OSWEGO 23783	21.62 -0.26 -0.23	17.05 -0.20 -0.30	14.95 -0.18 -0.32	15.01 -0.18 -0.28	15.04 -0.17 -0.15	14.77 -0.16 -0.26	16.26 -0.28 0.00	15.90 -0.27 -0.04	17.59 -0.36 0.00	18.18 -0.37 0.00	18.40 -0.40 0.00	18.87 -0.48 0.00	19.39 -0.50 0.00	20.32 -0.52 0.00	20.64 -0.46 0.00	21.66 -0.47 0.00	24.91 -0.56 -0.10	27.90 -0.63 -0.07	27.77 -0.60 -0.04	26.59 -0.57 -0.10	24.98 -0.51 -0.01	21.24 -0.37 0.00	20.45 -0.42 0.00	20.62 -0.31 0.00
INDECK___YERKES 23781	21.74 -0.35 -0.44	17.29 -0.24 -0.58	15.24 -0.18 -0.60	15.31 -0.13 -0.54	15.33 -0.02 -0.29	15.22 0.04 -0.50	16.13 -0.41 -0.01	15.78 -0.42 -0.07	17.34 -0.61 0.00	18.12 -0.43 0.00	18.21 -0.58 0.00	18.64 -0.72 0.00	19.25 -0.64 0.00	20.26 -0.58 0.00	20.78 -0.32 0.00	21.87 -0.26 0.00	24.80 -0.76 -0.19	27.64 -0.94 -0.12	27.49 -0.91 -0.07	26.41 -0.84 -0.19	24.87 -0.64 -0.03	21.70 0.09 0.00	20.52 -0.35 0.00	21.04 0.11 0.00
INDIAN POINT_GT_1 24139	25.95 1.39 -2.92	21.88 1.03 -3.90	19.82 0.95 -4.05	19.40 0.89 -3.60	17.87 0.87 -1.94	18.89 0.84 -3.39	17.50 0.91 -0.05	17.56 0.95 -0.48	19.10 1.15 0.00	19.79 1.24 0.00	20.07 1.28 0.00	20.82 1.47 0.00	21.48 1.59 0.00	22.53 1.69 0.00	22.91 1.81 0.00	24.01 1.88 0.00	28.82 2.18 -1.27	31.68 2.39 -0.84	31.09 2.27 -0.50	30.45 2.14 -1.25	27.62 1.96 -0.18	23.21 1.60 0.00	22.42 1.54 0.00	22.35 1.42 0.00
INDIAN POINT_GT_2 23659	25.95 1.39 -2.92	21.88 1.03 -3.90	19.82 0.95 -4.05	19.40 0.89 -3.60	17.87 0.87 -1.94	18.89 0.84 -3.39	17.50 0.91 -0.05	17.56 0.95 -0.48	19.10 1.15 0.00	19.79 1.24 0.00	20.07 1.28 0.00	20.82 1.47 0.00	21.48 1.59 0.00	22.53 1.69 0.00	22.91 1.81 0.00	24.01 1.88 0.00	28.82 2.18 -1.27	31.68 2.39 -0.84	31.09 2.27 -0.50	30.45 2.14 -1.25	27.62 1.96 -0.18	23.21 1.60 0.00	22.42 1.54 0.00	22.35 1.42 0.00
INDIAN POINT_GT_3 24019	25.95 1.39 -2.92	21.88 1.03 -3.90	19.82 0.95 -4.05	19.40 0.89 -3.60	17.87 0.87 -1.94	18.89 0.84 -3.39	17.50 0.91 -0.05	17.56 0.95 -0.48	19.10 1.15 0.00	19.79 1.24 0.00	20.07 1.28 0.00	20.82 1.47 0.00	21.48 1.59 0.00	22.53 1.69 0.00	22.91 1.81 0.00	24.01 1.88 0.00	28.82 2.18 -1.27	31.68 2.39 -0.84	31.09 2.27 -0.50	30.45 2.14 -1.25	27.62 1.96 -0.18	23.21 1.60 0.00	22.42 1.54 0.00	22.35 1.42 0.00
INDIAN POINT___2 23530	25.86 1.34 -2.87	21.80 1.02 -3.84	19.73 0.93 -3.98	19.33 0.88 -3.54	17.82 0.86 -1.91	18.82 0.82 -3.33	17.48 0.89 -0.05	17.52 0.92 -0.47	19.08 1.13 0.00	19.77 1.22 0.00	20.05 1.26 0.00	20.80 1.45 0.00	21.46 1.57 0.00	22.55 1.71 0.00	22.89 1.79 0.00	23.99 1.86 0.00	28.77 2.15 -1.25	31.64 2.36 -0.82	31.03 2.21 -0.49	30.38 2.08 -1.23	27.57 1.91 -0.18	23.19 1.58 0.00	22.39 1.52 0.00	22.37 1.44 0.00
INDIAN POINT___3 23531	25.91 1.34 -2.92	21.87 1.02 -3.91	19.80 0.93 -4.06	19.39 0.88 -3.61	17.85 0.86 -1.94	18.88 0.82 -3.39	17.48 0.89 -0.05	17.56 0.95 -0.48	19.08 1.13 0.00	19.77 1.22 0.00	20.05 1.26 0.00	20.80 1.45 0.00	21.46 1.57 0.00	22.49 1.65 0.00	22.87 1.77 0.00	23.97 1.84 0.00	28.77 2.13 -1.28	31.63 2.33 -0.84	31.04 2.21 -0.50	30.40 2.08 -1.25	27.57 1.91 -0.18	23.16 1.56 0.00	22.40 1.52 0.00	22.33 1.40 0.00
INGHAM_C_115KV_TB7 356103	21.84 0.19 0.00	17.11 0.17 0.00	14.96 0.15 0.00	15.06 0.15 0.00	15.18 0.12 0.00	14.83 0.16 0.00	16.70 0.17 0.00	16.26 0.13 0.00	18.11 0.16 0.00	18.73 0.19 0.00	18.96 0.17 0.00	19.56 0.21 0.00	20.13 0.24 0.00	21.03 0.19 0.00	21.29 0.19 0.00	22.35 0.22 0.00	25.57 0.20 0.00	28.71 0.26 0.00	28.61 0.28 0.00	27.36 0.30 0.00	25.76 0.28 0.00	21.87 0.26 0.00	21.08 0.21 0.00	21.12 0.19 0.00
IP CORINTH___1 23988	26.40 0.80 -3.95	22.79 0.56 -5.28	20.80 0.50 -5.49	20.26 0.48 -4.87	18.24 0.56 -2.63	19.77 0.51 -4.58	17.07 0.46 -0.07	17.25 0.47 -0.64	18.52 0.57 0.00	19.08 0.54 0.00	19.36 0.56 0.00	20.01 0.66 0.00	20.61 0.72 0.00	21.57 0.73 0.00	21.90 0.80 0.00	22.93 0.80 0.00	28.16 1.07 -1.72	30.90 1.31 -1.13	30.39 1.39 -0.68	30.06 1.30 -1.69	27.07 1.35 -0.25	22.65 1.04 0.00	21.75 0.88 0.00	21.66 0.73 0.00
IP___TICONDEROGA 23804	27.52 1.93 -3.95	23.61 1.39 -5.27	21.51 1.21 -5.48	20.94 1.16 -4.87	18.91 1.23 -2.62	20.49 1.25 -4.58	17.89 1.29 -0.07	18.08 1.31 -0.64	19.49 1.54 0.00	20.18 1.63 0.00	20.47 1.67 0.00	21.13 1.78 0.00	21.64 1.75 0.00	22.66 1.81 0.00	22.98 1.88 0.00	24.12 1.99 0.00	29.57 2.49 -1.72	32.57 2.99 -1.13	32.15 3.14 -0.68	31.65 2.90 -1.69	28.65 2.93 -0.25	23.92 2.31 0.00	22.85 1.98 0.00	22.69 1.76 0.00
ISLIP_RES_REC 323679	27.22 2.60 -2.98	23.06 1.95 -4.17	23.92 1.79 -7.32	21.24 1.73 -4.60	18.84 1.81 -1.98	20.44 1.67 -4.10	18.43 1.83 -0.06	18.48 1.85 -0.49	20.10 2.14 -0.02	22.30 2.24 -1.51	23.26 2.27 -2.19	25.37 2.53 -3.48	34.65 2.73 -12.04	26.91 2.83 -3.23	27.10 2.93 -3.07	37.52 3.10 -12.29	54.54 3.58 -25.59	53.07 3.98 -20.63	58.31 3.82 -26.16	43.12 3.60 -12.45	40.66 3.39 -11.79	38.08 2.83 -13.64	27.58 2.71 -4.00	26.62 2.64 -3.05
JAMAICA___27_KV_LOAD 355505	26.14 1.54 -2.96	22.00 1.10 -3.96	19.93 1.01 -4.11	19.50 0.94 -3.65	17.91 0.89 -1.97	19.00 0.89 -3.43	17.61 1.03 -0.05	17.79 1.18 -0.48	19.40 1.45 0.00	20.14 1.59 0.00	20.35 1.56 0.00	21.15 1.80 0.00	21.84 1.95 0.00	22.91 2.06 0.00	23.23 2.13 0.00	24.37 2.24 0.00	29.22 2.56 -1.29	32.06 2.76 -0.85	31.38 2.55 -0.51	30.71 2.38 -1.27	27.96 2.29 -0.18	23.45 1.84 0.00	22.77 1.90 0.00	22.60 1.67 0.00
JANIS___SOLAR 323808	23.30 0.93 -0.72	18.62 0.71 -0.96	16.42 0.61 -1.00	16.41 0.61 -0.89	16.18 0.65 -0.48	16.17 0.66 -0.84	17.19 0.64 -0.01	16.83 0.58 -0.12	18.47 0.52 0.00	19.05 0.50 0.00	19.17 0.38 0.00	19.72 0.37 0.00	20.25 0.36 0.00	21.26 0.42 0.00	21.61 0.51 0.00	22.79 0.66 0.00	26.34 0.66 -0.32	29.66 1.00 -0.21	29.64 1.19 -0.12	28.67 1.30 -0.31	26.85 1.32 -0.04	22.84 1.23 0.00	21.83 0.96 0.00	21.94 1.00 0.00
JARVIS____ 23743	21.73 0.09 0.00	17.01 0.07 0.00	14.87 0.06 0.00	14.97 0.06 0.00	15.12 0.06 0.00	14.74 0.07 0.00	16.58 0.05 0.00	16.18 0.05 0.00	18.00 0.05 0.00	18.60 0.06 0.00	18.85 0.06 0.00	19.43 0.08 0.00	19.97 0.08 0.00	20.95 0.10 0.00	21.21 0.11 0.00	22.26 0.13 0.00	25.49 0.13 0.00	28.60 0.14 0.00	28.47 0.14 0.00	27.23 0.16 0.00	25.61 0.13 0.00	21.72 0.11 0.00	20.96 0.08 0.00	21.04 0.11 0.00
JENNISON___1 23625	23.59 1.04 -0.91	18.95 0.80 -1.21	16.75 0.68 -1.26	16.72 0.70 -1.12	16.38 0.72 -0.60	16.47 0.75 -1.05	17.33 0.78 -0.02	16.94 0.66 -0.15	18.70 0.75 0.00	19.34 0.80 0.00	19.51 0.71 0.00	20.15 0.79 0.00	20.71 0.82 0.00	21.74 0.90 0.00	22.09 0.99 0.00	23.28 1.15 0.00	26.85 1.09 -0.40	30.11 1.39 -0.26	29.96 1.47 -0.16	28.99 1.54 -0.39	27.06 1.53 -0.06	23.01 1.40 0.00	22.00 1.13 0.00	22.00 1.07 0.00

JENNISON____2 23626	23.59 1.04 -0.91	18.95 0.80 -1.21	16.75 0.68 -1.26	16.72 0.70 -1.12	16.38 0.72 -0.60	16.47 0.75 -1.05	17.33 0.78 -0.02	16.94 0.66 -0.15	18.70 0.75 0.00	19.34 0.80 0.00	19.51 0.71 0.00	20.15 0.79 0.00	20.71 0.82 0.00	21.74 0.90 0.00	22.09 0.99 0.00	23.28 1.15 0.00	26.85 1.09 -0.40	30.11 1.39 -0.26	29.96 1.47 -0.16	28.99 1.54 -0.39	27.06 1.53 -0.06	23.01 1.40 0.00	22.00 1.13 0.00	22.00 1.07 0.00
JERICHO_RISE_WT_PWR 323719	21.30 -0.35 0.00	16.69 -0.25 0.00	14.55 -0.27 0.00	14.64 -0.27 0.00	14.75 -0.30 0.00	14.38 -0.29 0.00	16.35 -0.18 0.00	15.97 -0.16 0.00	17.77 -0.18 0.00	18.34 -0.20 0.00	18.64 -0.15 0.00	19.18 -0.17 0.00	19.61 -0.28 0.00	20.53 -0.31 0.00	20.68 -0.42 0.00	21.66 -0.47 0.00	24.88 -0.48 0.00	27.95 -0.51 0.00	27.87 -0.45 0.00	26.63 -0.43 0.00	25.10 -0.38 0.00	21.24 -0.37 0.00	20.58 -0.29 0.00	20.55 -0.38 0.00
KATONAH__115KV_46KV_TB4 355592	26.15 1.49 -3.01	22.09 1.12 -4.02	20.00 1.01 -4.18	19.57 0.95 -3.71	17.99 0.93 -2.00	19.04 0.88 -3.49	17.55 0.96 -0.06	17.62 1.00 -0.49	19.17 1.22 0.00	19.86 1.32 0.00	20.15 1.35 0.00	20.90 1.55 0.00	21.58 1.69 0.00	22.68 1.83 0.00	23.06 1.96 0.00	24.14 2.01 0.00	29.04 2.36 -1.31	31.94 2.62 -0.86	31.39 2.55 -0.52	30.76 2.41 -1.29	27.75 2.09 -0.19	23.29 1.69 0.00	22.48 1.61 0.00	22.42 1.49 0.00
KCE_NY_1 323755	26.69 1.10 -3.94	23.04 0.83 -5.27	21.01 0.73 -5.47	20.48 0.72 -4.86	18.44 0.77 -2.62	19.97 0.73 -4.57	17.38 0.78 -0.07	17.52 0.74 -0.64	18.81 0.86 0.00	19.44 0.89 0.00	19.71 0.92 0.00	20.36 1.01 0.00	20.96 1.07 0.00	22.01 1.17 0.00	22.30 1.20 0.00	23.37 1.24 0.00	28.58 1.50 -1.72	31.35 1.76 -1.13	30.84 1.84 -0.68	30.48 1.73 -1.69	27.40 1.68 -0.25	22.91 1.30 0.00	22.04 1.17 0.00	22.04 1.11 0.00
KCE_NY_6_ESR 323823	21.70 -0.41 -0.46	17.26 -0.30 -0.62	15.23 -0.22 -0.64	15.28 -0.19 -0.57	15.29 -0.07 -0.31	15.18 -0.03 -0.54	16.26 -0.28 -0.01	15.95 -0.26 -0.08	17.54 -0.41 0.00	18.32 -0.22 0.00	18.42 -0.38 0.00	18.85 -0.50 0.00	19.47 -0.42 0.00	20.49 -0.35 0.00	21.04 -0.06 0.00	22.13 0.00 0.00	24.88 -0.68 -0.20	27.76 -0.83 -0.13	27.61 -0.79 -0.08	26.51 -0.76 -0.20	25.07 -0.43 -0.03	21.93 0.32 0.00	20.73 -0.15 0.00	21.20 0.27 0.00
KEDC_PORT_JEFF_GT2 24210	27.05 2.42 -2.98	22.92 1.81 -4.17	23.81 1.67 -7.32	21.13 1.63 -4.60	18.72 1.69 -1.98	20.34 1.57 -4.10	18.31 1.72 -0.06	18.37 1.74 -0.49	19.98 2.01 -0.02	22.17 2.11 -1.51	23.12 2.14 -2.19	25.21 2.38 -3.48	35.97 2.57 -13.51	26.75 2.67 -3.23	26.91 2.74 -3.07	39.04 2.86 -14.06	54.23 3.27 -25.59	52.53 3.44 -20.63	57.77 3.28 -26.16	42.68 3.16 -12.45	40.25 2.98 -11.79	40.13 2.55 -15.98	27.40 2.52 -4.00	26.45 2.47 -3.05
KEDC_PORT_JEFF_GT3 24211	27.05 2.42 -2.98	22.92 1.81 -4.17	23.81 1.67 -7.32	21.13 1.63 -4.60	18.72 1.69 -1.98	20.34 1.57 -4.10	18.31 1.72 -0.06	18.37 1.74 -0.49	19.98 2.01 -0.02	22.17 2.11 -1.51	23.12 2.14 -2.19	25.21 2.38 -3.48	35.97 2.57 -13.51	26.75 2.67 -3.23	26.91 2.74 -3.07	39.04 2.86 -14.06	54.23 3.27 -25.59	52.53 3.44 -20.63	57.77 3.28 -26.16	42.68 3.16 -12.45	40.25 2.98 -11.79	40.13 2.55 -15.98	27.40 2.52 -4.00	26.45 2.47 -3.05
KEDC_GLWD_GT4 24219	26.44 1.82 -2.98	22.50 1.39 -4.17	23.38 1.24 -7.32	20.70 1.19 -4.60	18.23 1.19 -1.98	19.90 1.13 -4.10	17.85 1.26 -0.06	17.91 1.29 -0.49	19.49 1.52 -0.02	21.69 1.63 -1.51	22.65 1.67 -2.19	24.72 1.90 -3.47	25.66 2.03 -3.74	26.26 2.19 -3.23	26.42 2.26 -3.06	29.00 2.30 -4.57	53.55 2.59 -25.59	51.90 2.82 -20.62	57.14 2.66 -26.15	42.03 2.52 -12.45	39.61 2.34 -11.79	27.03 1.99 -3.43	26.87 2.00 -4.00	25.90 1.92 -3.05
KEDC_GLWD_GT5 24220	26.44 1.82 -2.98	22.50 1.39 -4.17	23.38 1.24 -7.32	20.70 1.19 -4.60	18.23 1.19 -1.98	19.90 1.13 -4.10	17.85 1.26 -0.06	17.91 1.29 -0.49	19.49 1.52 -0.02	21.69 1.63 -1.51	22.65 1.67 -2.19	24.72 1.90 -3.47	25.66 2.03 -3.74	26.26 2.19 -3.23	26.42 2.26 -3.06	29.00 2.30 -4.57	53.55 2.59 -25.59	51.90 2.82 -20.62	57.14 2.66 -26.15	42.03 2.52 -12.45	39.61 2.34 -11.79	27.03 1.99 -3.43	26.87 2.00 -4.00	25.90 1.92 -3.05
KENSICO____ 23655	26.05 1.45 -2.95	21.97 1.08 -3.95	19.90 0.99 -4.10	19.49 0.94 -3.64	17.93 0.92 -1.96	18.97 0.88 -3.42	17.55 0.96 -0.05	17.63 1.02 -0.48	19.17 1.22 0.00	19.84 1.30 0.00	20.15 1.35 0.00	20.90 1.55 0.00	21.56 1.67 0.00	22.60 1.75 0.00	22.98 1.88 0.00	24.08 1.95 0.00	28.91 2.26 -1.29	31.78 2.48 -0.84	31.16 2.32 -0.51	30.52 2.19 -1.26	27.70 2.04 -0.18	23.27 1.66 0.00	22.50 1.63 0.00	22.44 1.51 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.98 1.60 -2.73	21.79 1.20 -3.65	19.67 1.07 -3.79	19.30 1.03 -3.36	17.76 0.89 -1.81	18.76 0.92 -3.16	17.57 0.99 -0.05	17.56 0.98 -0.44	19.12 1.17 0.00	19.79 1.24 0.00	20.05 1.26 0.00	20.80 1.45 0.00	21.44 1.55 0.00	22.49 1.65 0.00	22.89 1.79 0.00	24.01 1.88 0.00	28.76 2.21 -1.19	31.77 2.53 -0.78	31.26 2.46 -0.47	30.61 2.38 -1.17	27.84 2.19 -0.17	23.38 1.77 0.00	22.54 1.67 0.00	22.48 1.55 0.00
KIAC_JFK_GT1 23816	26.04 1.43 -2.96	21.92 1.02 -3.96	19.84 0.92 -4.11	19.41 0.85 -3.65	17.85 0.83 -1.97	18.93 0.82 -3.43	17.53 0.94 -0.05	17.71 1.10 -0.48	19.31 1.36 0.00	20.05 1.50 0.00	20.24 1.45 0.00	21.04 1.68 0.00	21.72 1.83 0.00	22.78 1.94 0.00	23.10 2.00 0.00	24.23 2.10 0.00	28.99 2.33 -1.29	31.81 2.50 -0.85	31.10 2.27 -0.51	30.47 2.14 -1.27	27.80 2.14 -0.18	23.29 1.69 0.00	22.65 1.77 0.00	22.48 1.55 0.00
KIAC_JFK_GT2 23817	26.04 1.43 -2.96	21.92 1.02 -3.96	19.84 0.92 -4.11	19.41 0.85 -3.65	17.85 0.83 -1.97	18.93 0.82 -3.43	17.53 0.94 -0.05	17.71 1.10 -0.48	19.31 1.36 0.00	20.05 1.50 0.00	20.24 1.45 0.00	21.04 1.68 0.00	21.72 1.83 0.00	22.78 1.94 0.00	23.10 2.00 0.00	24.23 2.10 0.00	28.99 2.33 -1.29	31.81 2.50 -0.85	31.10 2.27 -0.51	30.47 2.14 -1.27	27.80 2.14 -0.18	23.29 1.69 0.00	22.65 1.77 0.00	22.48 1.55 0.00
KIAC_JFK____ 323774	25.99 1.39 -2.96	21.90 1.00 -3.96	19.84 0.92 -4.11	19.41 0.85 -3.65	17.85 0.83 -1.97	18.92 0.82 -3.43	17.53 0.94 -0.05	17.70 1.08 -0.48	19.31 1.36 0.00	20.05 1.50 0.00	20.24 1.45 0.00	21.03 1.68 0.00	21.72 1.83 0.00	22.83 1.98 0.00	23.11 2.01 0.00	24.23 2.10 0.00	28.99 2.33 -1.29	31.81 2.50 -0.85	31.10 2.27 -0.51	30.47 2.14 -1.27	27.80 2.14 -0.18	23.30 1.69 0.00	22.65 1.77 0.00	22.52 1.59 0.00
KINTIGH____ 23543	21.62 -0.41 -0.38	17.17 -0.29 -0.51	15.12 -0.22 -0.53	15.20 -0.18 -0.47	15.22 -0.09 -0.25	15.04 -0.07 -0.44	15.91 -0.63 -0.01	15.76 -0.44 -0.06	17.18 -0.77 0.00	17.92 -0.63 0.00	18.06 -0.73 0.00	18.48 -0.87 0.00	19.08 -0.82 0.00	20.01 -0.83 0.00	20.53 -0.57 0.00	21.58 -0.55 0.00	24.82 -0.71 -0.17	27.68 -0.88 -0.11	27.54 -0.85 -0.07	26.42 -0.81 -0.16	24.79 -0.71 -0.02	21.37 -0.24 0.00	20.27 -0.61 0.00	20.55 -0.38 0.00

KNTFSRNC_46_KV_46KV_LOAD 80397	21.52 -0.13 0.00	16.88 -0.07 0.00	14.68 -0.13 0.00	14.77 -0.13 0.00	14.89 -0.17 0.00	14.48 -0.19 0.00	16.45 -0.08 0.00	16.12 -0.02 0.00	17.90 -0.05 0.00	18.47 -0.07 0.00	18.79 0.00 0.00	19.33 -0.02 0.00	19.77 -0.12 0.00	20.74 -0.10 0.00	20.87 -0.23 0.00	21.87 -0.27 0.00	25.09 -0.28 0.00	28.20 -0.26 0.00	28.16 -0.17 0.00	26.90 -0.16 0.00	25.33 -0.15 0.00	21.50 -0.11 0.00	20.79 -0.08 0.00	20.89 -0.04 0.00
LACHUTE___HYDRO 323717	27.52 1.93 -3.95	23.61 1.39 -5.27	21.51 1.21 -5.48	20.94 1.16 -4.87	18.91 1.23 -2.62	20.49 1.25 -4.58	17.90 1.29 -0.07	18.08 1.31 -0.64	19.49 1.54 0.00	20.18 1.63 0.00	20.47 1.67 0.00	21.13 1.78 0.00	21.64 1.75 0.00	22.70 1.85 0.00	22.98 1.88 0.00	24.12 1.99 0.00	29.57 2.49 -1.72	32.57 2.99 -1.13	32.15 3.14 -0.68	31.65 2.90 -1.69	28.68 2.95 -0.25	23.92 2.31 0.00	22.86 1.98 0.00	22.73 1.80 0.00
LAWRNCALV_115KV_TB1 80681	20.72 -0.93 0.00	16.21 -0.73 0.00	14.13 -0.68 0.00	14.21 -0.70 0.00	14.27 -0.78 0.00	13.94 -0.73 0.00	15.95 -0.58 0.00	15.58 -0.55 0.00	17.32 -0.63 0.00	17.86 -0.69 0.00	18.15 -0.64 0.00	18.69 -0.66 0.00	19.00 -0.90 0.00	19.93 -0.92 0.00	20.00 -1.10 0.00	20.98 -1.15 0.00	24.07 -1.29 0.00	27.06 -1.39 0.00	27.00 -1.33 0.00	25.85 -1.22 0.00	24.33 -1.15 0.00	20.59 -1.02 0.00	19.97 -0.90 0.00	20.05 -0.88 0.00
LEDERLE___ 23769	25.94 1.47 -2.82	21.83 1.12 -3.77	19.73 1.01 -3.91	19.34 0.95 -3.47	17.83 0.90 -1.87	18.83 0.89 -3.27	17.54 0.96 -0.05	17.59 1.00 -0.46	19.15 1.20 0.00	19.86 1.32 0.00	20.15 1.35 0.00	20.90 1.55 0.00	21.56 1.67 0.00	22.62 1.77 0.00	23.02 1.92 0.00	24.12 1.99 0.00	28.90 2.31 -1.23	31.82 2.56 -0.81	31.22 2.41 -0.48	30.54 2.27 -1.21	27.74 2.09 -0.18	23.32 1.71 0.00	22.50 1.63 0.00	22.44 1.51 0.00
LIGHTHSE_115KV_TB6 355974	21.75 -0.11 -0.21	17.12 -0.10 -0.28	15.00 -0.10 -0.29	15.06 -0.10 -0.26	15.12 -0.08 -0.14	14.84 -0.07 -0.24	16.35 -0.18 0.00	15.96 -0.21 -0.03	17.66 -0.29 0.00	18.25 -0.30 0.00	18.46 -0.34 0.00	18.95 -0.41 0.00	19.45 -0.44 0.00	20.39 -0.46 0.00	20.70 -0.40 0.00	21.73 -0.40 0.00	24.92 -0.53 -0.09	28.00 -0.51 -0.06	27.91 -0.45 -0.04	26.80 -0.35 -0.09	25.24 -0.25 -0.01	21.48 -0.13 0.00	20.62 -0.25 0.00	20.66 -0.27 0.00
LINDEN COGEN___ 23786	26.08 1.47 -2.96	21.99 1.09 -3.96	19.92 0.99 -4.11	19.50 0.94 -3.65	17.91 0.89 -1.97	18.97 0.87 -3.43	17.53 0.94 -0.05	17.65 1.03 -0.48	19.21 1.26 0.00	19.92 1.37 0.00	20.22 1.43 0.00	21.02 1.66 0.00	21.68 1.79 0.00	22.80 1.96 0.00	23.11 2.01 0.00	24.23 2.10 0.00	29.07 2.41 -1.29	31.84 2.53 -0.85	31.16 2.32 -0.51	30.52 2.19 -1.27	27.78 2.11 -0.18	23.34 1.73 0.00	22.60 1.73 0.00	22.54 1.61 0.00
LINDHRST_69_KV_BK1 356055	27.01 2.38 -2.98	22.87 1.76 -4.17	23.73 1.60 -7.32	21.06 1.55 -4.60	18.62 1.58 -1.98	20.27 1.50 -4.10	18.24 1.65 -0.05	18.29 1.68 -0.48	19.91 1.94 -0.02	22.10 2.04 -1.51	23.03 2.05 -2.19	25.13 2.30 -3.48	26.93 2.45 -4.59	26.62 2.54 -3.23	26.84 2.68 -3.06	30.29 2.81 -5.35	54.23 3.27 -25.59	52.72 3.64 -20.62	57.96 3.48 -26.15	42.79 3.27 -12.45	40.35 3.08 -11.79	28.66 2.59 -4.46	27.35 2.48 -4.00	26.35 2.37 -3.05
LIPA_MISC_IPP 23656	27.16 2.53 -2.98	22.97 1.86 -4.17	23.85 1.72 -7.32	21.18 1.67 -4.60	18.77 1.73 -1.98	20.38 1.61 -4.10	18.37 1.79 -0.05	18.44 1.82 -0.48	20.05 2.08 -0.02	22.23 2.17 -1.51	23.18 2.20 -2.19	25.25 2.42 -3.48	35.88 2.61 -13.39	26.70 2.63 -3.23	26.93 2.76 -3.07	37.61 2.94 -12.53	54.38 3.42 -25.59	52.90 3.81 -20.63	58.17 3.68 -26.16	42.98 3.46 -12.45	40.51 3.24 -11.79	38.29 2.72 -13.96	27.46 2.59 -4.00	26.45 2.47 -3.05
LISF___SOLAR 323691	27.18 2.55 -2.98	23.02 1.91 -4.17	23.89 1.76 -7.32	21.22 1.71 -4.60	18.80 1.76 -1.98	20.43 1.66 -4.10	18.41 1.82 -0.06	18.46 1.84 -0.49	20.08 2.12 -0.02	22.25 2.19 -1.51	23.20 2.22 -2.19	25.29 2.46 -3.48	35.78 2.63 -13.26	26.83 2.75 -3.23	27.00 2.83 -3.07	37.77 2.99 -12.65	54.43 3.48 -25.59	52.99 3.90 -20.63	58.25 3.77 -26.16	43.06 3.54 -12.45	40.58 3.31 -11.79	38.47 2.74 -14.11	27.52 2.65 -4.00	26.55 2.57 -3.05
LITTLE FALLS___HYD 24013	21.84 0.19 0.00	17.11 0.17 0.00	14.96 0.15 0.00	15.06 0.15 0.00	15.18 0.12 0.00	14.83 0.16 0.00	16.70 0.17 0.00	16.26 0.13 0.00	18.11 0.16 0.00	18.73 0.19 0.00	18.96 0.17 0.00	19.56 0.21 0.00	20.13 0.24 0.00	21.03 0.19 0.00	21.29 0.19 0.00	22.35 0.22 0.00	25.57 0.20 0.00	28.71 0.26 0.00	28.61 0.28 0.00	27.36 0.30 0.00	25.76 0.28 0.00	21.87 0.26 0.00	21.08 0.21 0.00	21.12 0.19 0.00
LITTLRIV_115KV_TB1 356100	20.91 -0.74 0.00	16.37 -0.58 0.00	14.25 -0.56 0.00	14.33 -0.58 0.00	14.36 -0.69 0.00	14.07 -0.60 0.00	16.09 -0.45 0.00	15.71 -0.42 0.00	17.47 -0.48 0.00	17.99 -0.56 0.00	18.29 -0.51 0.00	18.85 -0.50 0.00	19.16 -0.74 0.00	20.09 -0.75 0.00	20.13 -0.97 0.00	21.13 -1.00 0.00	24.25 -1.12 0.00	27.29 -1.17 0.00	27.25 -1.08 0.00	26.12 -0.95 0.00	24.61 -0.87 0.00	20.81 -0.80 0.00	20.16 -0.71 0.00	20.22 -0.71 0.00
LI_NEWBRDGE___DRP 323616	26.46 1.84 -2.98	22.48 1.37 -4.16	23.38 1.24 -7.32	20.72 1.21 -4.60	18.26 1.22 -1.98	19.91 1.14 -4.10	17.88 1.29 -0.05	17.95 1.34 -0.48	19.49 1.53 -0.02	21.69 1.63 -1.51	22.60 1.62 -2.19	24.66 1.84 -3.47	25.58 1.95 -3.74	26.12 2.04 -3.23	26.31 2.15 -3.06	28.83 2.24 -4.46	53.57 2.61 -25.59	51.93 2.85 -20.62	57.20 2.72 -26.15	42.08 2.57 -12.44	39.66 2.39 -11.78	26.88 1.99 -3.28	26.83 1.96 -3.99	25.84 1.86 -3.05
LOCKPORT_115KV_TB60_63_64 80432	21.54 -0.52 -0.42	17.11 -0.39 -0.56	15.08 -0.31 -0.58	15.15 -0.27 -0.51	15.18 -0.15 -0.28	15.04 -0.12 -0.48	15.95 -0.60 -0.01	15.64 -0.56 -0.07	17.16 -0.79 0.00	17.93 -0.61 0.00	18.04 -0.75 0.00	18.46 -0.89 0.00	19.06 -0.84 0.00	20.01 -0.83 0.00	20.57 -0.53 0.00	21.64 -0.49 0.00	24.61 -0.94 -0.18	27.47 -1.11 -0.12	27.32 -1.08 -0.07	26.24 -1.00 -0.18	24.69 -0.82 -0.03	21.50 -0.11 0.00	20.33 -0.54 0.00	20.68 -0.25 0.00
LOCKPORT___CC1 323769	21.53 -0.54 -0.42	17.12 -0.39 -0.56	15.08 -0.31 -0.58	15.16 -0.27 -0.52	15.18 -0.15 -0.28	15.05 -0.10 -0.49	15.95 -0.59 -0.01	15.64 -0.57 -0.07	17.18 -0.77 0.00	17.95 -0.59 0.00	18.04 -0.75 0.00	18.46 -0.89 0.00	19.07 -0.82 0.00	20.05 -0.79 0.00	20.57 -0.53 0.00	21.64 -0.49 0.00	24.61 -0.94 -0.18	27.44 -1.14 -0.12	27.32 -1.08 -0.07	26.24 -1.00 -0.18	24.66 -0.84 -0.03	21.50 -0.11 0.00	20.35 -0.52 0.00	20.85 -0.08 0.00
LOCKPORT___CC2 323770	21.53 -0.54 -0.42	17.12 -0.39 -0.56	15.08 -0.31 -0.58	15.16 -0.27 -0.52	15.18 -0.15 -0.28	15.05 -0.10 -0.49	15.95 -0.59 -0.01	15.64 -0.57 -0.07	17.18 -0.77 0.00	17.95 -0.59 0.00	18.04 -0.75 0.00	18.46 -0.89 0.00	19.07 -0.82 0.00	20.05 -0.79 0.00	20.57 -0.53 0.00	21.64 -0.49 0.00	24.61 -0.94 -0.18	27.44 -1.14 -0.12	27.32 -1.08 -0.07	26.24 -1.00 -0.18	24.66 -0.84 -0.03	21.50 -0.11 0.00	20.35 -0.52 0.00	20.85 -0.08 0.00

LOCKPORT___CC3 323771	21.53 -0.54 -0.42	17.12 -0.39 -0.56	15.08 -0.31 -0.58	15.16 -0.27 -0.52	15.18 -0.15 -0.28	15.05 -0.10 -0.49	15.95 -0.59 -0.01	15.64 -0.57 -0.07	17.18 -0.77 0.00	17.95 -0.59 0.00	18.04 -0.75 0.00	18.46 -0.89 0.00	19.07 -0.82 0.00	20.05 -0.79 0.00	20.57 -0.53 0.00	21.64 -0.49 0.00	24.61 -0.94 -0.18	27.44 -1.14 -0.12	27.32 -1.08 -0.07	26.24 -1.00 -0.18	24.66 -0.84 -0.03	21.50 -0.11 0.00	20.35 -0.52 0.00	20.85 -0.08 0.00
LONG_LAKE_PHOENIX 24014	21.69 -0.19 -0.23	17.10 -0.15 -0.31	15.02 -0.12 -0.32	15.08 -0.12 -0.29	15.10 -0.11 -0.15	14.84 -0.10 -0.27	16.31 -0.23 0.00	15.93 -0.24 -0.04	17.64 -0.31 0.00	18.25 -0.30 0.00	18.46 -0.34 0.00	18.93 -0.43 0.00	19.45 -0.44 0.00	20.39 -0.46 0.00	20.72 -0.38 0.00	21.75 -0.38 0.00	25.01 -0.46 -0.10	28.01 -0.51 -0.07	27.89 -0.48 -0.04	26.70 -0.46 -0.10	25.08 -0.41 -0.01	21.33 -0.28 0.00	20.50 -0.38 0.00	20.57 -0.36 0.00
LOVETT___3 23632	25.82 1.34 -2.83	21.74 1.02 -3.78	19.66 0.92 -3.93	19.26 0.86 -3.49	17.76 0.83 -1.88	18.77 0.82 -3.28	17.46 0.88 -0.05	17.53 0.94 -0.46	19.06 1.11 0.00	19.75 1.21 0.00	20.03 1.24 0.00	20.78 1.43 0.00	21.44 1.55 0.00	22.49 1.65 0.00	22.87 1.77 0.00	23.97 1.84 0.00	28.73 2.13 -1.24	31.60 2.33 -0.81	31.02 2.21 -0.49	30.33 2.06 -1.21	27.57 1.91 -0.18	23.16 1.56 0.00	22.37 1.50 0.00	22.31 1.38 0.00
LOVETT___4 23642	25.82 1.34 -2.83	21.74 1.02 -3.78	19.66 0.92 -3.93	19.26 0.86 -3.49	17.76 0.83 -1.88	18.77 0.82 -3.28	17.46 0.88 -0.05	17.53 0.94 -0.46	19.06 1.11 0.00	19.75 1.21 0.00	20.03 1.24 0.00	20.78 1.43 0.00	21.44 1.55 0.00	22.49 1.65 0.00	22.87 1.77 0.00	23.97 1.84 0.00	28.73 2.13 -1.24	31.60 2.33 -0.81	31.02 2.21 -0.49	30.33 2.06 -1.21	27.57 1.91 -0.18	23.16 1.56 0.00	22.37 1.50 0.00	22.31 1.38 0.00
LOVETT___5 23593	25.82 1.34 -2.83	21.74 1.02 -3.78	19.66 0.92 -3.93	19.26 0.86 -3.49	17.76 0.83 -1.88	18.77 0.82 -3.28	17.46 0.88 -0.05	17.53 0.94 -0.46	19.06 1.11 0.00	19.75 1.21 0.00	20.03 1.24 0.00	20.78 1.43 0.00	21.44 1.55 0.00	22.49 1.65 0.00	22.87 1.77 0.00	23.97 1.84 0.00	28.73 2.13 -1.24	31.60 2.33 -0.81	31.02 2.21 -0.49	30.33 2.06 -1.21	27.57 1.91 -0.18	23.16 1.56 0.00	22.37 1.50 0.00	22.31 1.38 0.00
LOWER RAQUET___HYD 24057	20.57 -1.08 0.00	16.11 -0.83 0.00	14.03 -0.79 0.00	14.12 -0.79 0.00	14.17 -0.89 0.00	13.83 -0.84 0.00	15.84 -0.69 0.00	15.46 -0.68 0.00	17.20 -0.75 0.00	17.73 -0.82 0.00	18.02 -0.77 0.00	18.56 -0.79 0.00	18.86 -1.04 0.00	19.74 -1.11 0.00	19.83 -1.27 0.00	20.82 -1.31 0.00	23.89 -1.47 0.00	26.86 -1.59 0.00	26.83 -1.50 0.00	25.68 -1.38 0.00	24.20 -1.27 0.00	20.46 -1.15 0.00	19.81 -1.06 0.00	19.76 -1.17 0.00
LOWER___HUDSON 24059	26.37 0.87 -3.86	22.80 0.69 -5.16	20.76 0.59 -5.36	20.26 0.60 -4.76	18.22 0.60 -2.56	19.75 0.60 -4.48	17.27 0.66 -0.07	17.39 0.63 -0.63	18.69 0.74 0.00	19.27 0.72 0.00	19.55 0.75 0.00	20.20 0.85 0.00	20.81 0.92 0.00	21.83 0.98 0.00	22.13 1.03 0.00	23.15 1.02 0.00	28.29 1.24 -1.68	30.98 1.42 -1.10	30.46 1.47 -0.66	30.12 1.41 -1.65	27.07 1.35 -0.24	22.65 1.04 0.00	21.83 0.96 0.00	21.87 0.94 0.00
LOWVILLE_115KV_TB2 356335	21.67 -0.09 -0.11	17.01 -0.08 -0.15	14.86 -0.10 -0.15	14.92 -0.12 -0.14	15.01 -0.12 -0.07	14.71 -0.09 -0.13	16.42 -0.12 0.00	15.99 -0.16 -0.02	17.73 -0.22 0.00	18.27 -0.28 0.00	18.51 -0.28 0.00	19.08 -0.27 0.00	19.55 -0.34 0.00	20.49 -0.35 0.00	20.72 -0.38 0.00	21.80 -0.33 0.00	25.01 -0.41 -0.05	28.18 -0.31 -0.03	28.18 -0.17 -0.02	27.11 0.00 -0.05	25.54 0.05 -0.01	21.63 0.02 0.00	20.79 -0.08 0.00	20.78 -0.15 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	26.67 1.08 -3.94	23.04 0.83 -5.27	21.01 0.73 -5.47	20.48 0.72 -4.86	18.42 0.75 -2.62	19.97 0.73 -4.57	17.38 0.78 -0.07	17.52 0.74 -0.64	18.81 0.86 0.00	19.42 0.87 0.00	19.70 0.90 0.00	20.36 1.01 0.00	20.97 1.07 0.00	21.95 1.10 0.00	22.28 1.18 0.00	23.35 1.22 0.00	28.58 1.50 -1.72	31.32 1.74 -1.13	30.82 1.81 -0.68	30.46 1.71 -1.69	27.38 1.66 -0.25	22.91 1.30 0.00	22.04 1.17 0.00	22.00 1.07 0.00
LUTHERNY_35_KV_BK2 355980	26.69 1.10 -3.94	23.04 0.83 -5.27	21.01 0.73 -5.47	20.48 0.72 -4.86	18.44 0.77 -2.62	19.97 0.73 -4.57	17.38 0.78 -0.07	17.53 0.76 -0.64	18.83 0.88 0.00	19.44 0.89 0.00	19.71 0.92 0.00	20.36 1.01 0.00	20.97 1.07 0.00	21.97 1.13 0.00	22.30 1.20 0.00	23.37 1.24 0.00	28.58 1.50 -1.72	31.35 1.76 -1.13	30.84 1.84 -0.68	30.48 1.73 -1.69	27.38 1.66 -0.25	22.91 1.30 0.00	22.04 1.17 0.00	22.02 1.09 0.00
LWR___OSWEGATCHIE_HYD 23850	20.91 -0.82 -0.08	16.39 -0.66 -0.11	14.30 -0.62 -0.11	14.38 -0.63 -0.10	14.46 -0.65 -0.05	14.13 -0.63 -0.09	15.94 -0.60 0.00	15.53 -0.61 -0.01	17.25 -0.70 0.00	17.77 -0.78 0.00	18.02 -0.77 0.00	18.56 -0.79 0.00	18.96 -0.93 0.00	19.87 -0.98 0.00	20.00 -1.10 0.00	21.02 -1.11 0.00	24.13 -1.27 -0.04	27.17 -1.31 -0.02	27.18 -1.16 -0.01	26.10 -1.00 -0.03	24.57 -0.92 -0.01	20.79 -0.82 0.00	20.06 -0.81 0.00	20.09 -0.84 0.00
LYONS_FALL_HYD 23570	21.86 0.11 -0.11	17.15 0.07 -0.14	14.99 0.03 -0.15	15.07 0.03 -0.13	15.14 0.02 -0.07	14.85 0.06 -0.12	16.58 0.05 0.00	16.15 0.00 -0.02	17.93 -0.02 0.00	18.49 -0.06 0.00	18.74 -0.06 0.00	19.31 -0.04 0.00	19.81 -0.08 0.00	20.78 -0.06 0.00	21.02 -0.08 0.00	22.11 -0.02 0.00	25.34 -0.08 -0.05	28.52 0.03 -0.03	28.49 0.14 -0.02	27.35 0.24 -0.05	25.77 0.28 -0.01	21.82 0.22 0.00	20.98 0.10 0.00	21.01 0.08 0.00
MADISON___COUNTY_LFGE 323628	22.30 0.48 -0.17	17.53 0.36 -0.23	15.35 0.30 -0.24	15.42 0.30 -0.21	15.46 0.29 -0.12	15.19 0.32 -0.20	16.83 0.30 0.00	16.40 0.24 -0.03	18.22 0.27 0.00	18.81 0.26 0.00	19.04 0.24 0.00	19.62 0.27 0.00	20.17 0.28 0.00	21.16 0.31 0.00	21.46 0.36 0.00	22.57 0.44 0.00	25.85 0.41 -0.08	29.05 0.54 -0.05	28.95 0.59 -0.03	27.82 0.68 -0.07	26.15 0.66 -0.01	22.19 0.58 0.00	21.31 0.44 0.00	21.35 0.42 0.00
MALONE___115KV_TB1 356076	21.26 -0.39 0.00	16.67 -0.27 0.00	14.50 -0.31 0.00	14.59 -0.31 0.00	14.68 -0.38 0.00	14.30 -0.37 0.00	16.28 -0.25 0.00	15.96 -0.18 0.00	17.73 -0.22 0.00	18.29 -0.26 0.00	18.62 -0.17 0.00	19.16 -0.19 0.00	19.55 -0.34 0.00	20.51 -0.33 0.00	20.61 -0.49 0.00	21.60 -0.53 0.00	24.78 -0.58 0.00	27.86 -0.60 0.00	27.79 -0.54 0.00	26.58 -0.49 0.00	25.02 -0.46 0.00	21.22 -0.39 0.00	20.54 -0.33 0.00	20.62 -0.31 0.00
MAPLEWOD_115KV_TB3 80458	26.28 0.80 -3.83	22.69 0.63 -5.12	20.68 0.55 -5.32	20.17 0.54 -4.73	18.14 0.54 -2.55	19.66 0.54 -4.45	17.23 0.63 -0.07	17.35 0.60 -0.63	18.65 0.70 0.00	19.23 0.69 0.00	19.51 0.71 0.00	20.16 0.81 0.00	20.77 0.88 0.00	21.76 0.92 0.00	22.09 0.99 0.00	23.15 1.02 0.00	28.28 1.24 -1.67	30.98 1.42 -1.10	30.43 1.44 -0.66	30.09 1.38 -1.64	27.02 1.30 -0.24	22.60 0.99 0.00	21.77 0.90 0.00	21.77 0.84 0.00

MAPLE_RIDGE_WT_1 323574	21.43 -0.22 0.00	16.81 -0.14 0.00	14.72 -0.09 0.00	14.83 -0.07 0.00	15.00 -0.06 0.00	14.64 -0.03 0.00	16.50 -0.03 0.00	16.12 -0.02 0.00	17.95 0.00 0.00	18.55 0.00 0.00	18.79 0.00 0.00	19.37 0.02 0.00	19.91 0.02 0.00	20.89 0.04 0.00	21.16 0.06 0.00	22.20 0.07 0.00	25.42 0.05 0.00	28.51 0.06 0.00	28.33 0.00 0.00	27.04 -0.03 0.00	25.43 -0.05 0.00	21.59 -0.02 0.00	20.85 -0.02 0.00	20.95 0.02 0.00
MAPLE_RIDGE_WT_2 323611	21.43 -0.22 0.00	16.81 -0.14 0.00	14.72 -0.09 0.00	14.83 -0.07 0.00	15.00 -0.06 0.00	14.64 -0.03 0.00	16.50 -0.03 0.00	16.12 -0.02 0.00	17.95 0.00 0.00	18.55 0.00 0.00	18.79 0.00 0.00	19.37 0.02 0.00	19.91 0.02 0.00	20.89 0.04 0.00	21.16 0.06 0.00	22.20 0.07 0.00	25.42 0.05 0.00	28.51 0.06 0.00	28.33 0.00 0.00	27.04 -0.03 0.00	25.43 -0.05 0.00	21.59 -0.02 0.00	20.85 -0.02 0.00	20.95 0.02 0.00
MARBLE_RIVER_WT_PWR 323696	21.34 -0.30 0.00	16.74 -0.20 0.00	14.58 -0.24 0.00	14.67 -0.24 0.00	14.80 -0.26 0.00	14.41 -0.26 0.00	16.37 -0.17 0.00	16.00 -0.13 0.00	17.81 -0.14 0.00	18.36 -0.19 0.00	18.68 -0.11 0.00	19.22 -0.13 0.00	19.65 -0.24 0.00	20.57 -0.27 0.00	20.72 -0.38 0.00	21.73 -0.40 0.00	24.93 -0.43 0.00	28.03 -0.43 0.00	27.93 -0.40 0.00	26.71 -0.35 0.00	25.15 -0.33 0.00	21.31 -0.30 0.00	20.62 -0.25 0.00	20.62 -0.31 0.00
MARSHVLE_115KV_TB1 80742	27.85 1.45 -4.75	24.41 1.12 -6.35	22.37 0.96 -6.60	21.72 0.95 -5.86	19.24 1.02 -3.16	21.18 1.00 -5.51	17.68 1.06 -0.09	17.89 0.98 -0.77	19.04 1.09 0.00	19.70 1.15 0.00	19.92 1.13 0.00	20.59 1.24 0.00	21.18 1.29 0.00	22.22 1.38 0.00	22.56 1.46 0.00	23.72 1.59 0.00	29.32 1.88 -2.07	32.15 2.33 -1.36	31.61 2.46 -0.81	31.51 2.41 -2.04	28.04 2.27 -0.30	23.45 1.84 0.00	22.48 1.61 0.00	22.37 1.44 0.00
MARSH_HILL_WT_PWR 323713	22.35 0.13 -0.57	17.82 0.12 -0.76	15.75 0.15 -0.79	15.76 0.15 -0.70	15.64 0.21 -0.38	15.61 0.28 -0.66	16.67 0.13 -0.01	16.35 0.13 -0.09	17.99 0.04 0.00	18.71 0.17 0.00	18.81 0.02 0.00	19.31 -0.04 0.00	19.91 0.02 0.00	20.95 0.10 0.00	21.48 0.38 0.00	22.60 0.47 0.00	25.61 0.00 -0.25	28.70 0.09 -0.16	28.60 0.17 -0.10	27.44 0.14 -0.24	25.90 0.38 -0.04	22.43 0.82 0.00	21.27 0.40 0.00	21.58 0.65 0.00
MCINTYRE_115KV_TB2 80467	21.15 -0.50 0.00	16.57 -0.37 0.00	14.41 -0.40 0.00	14.50 -0.40 0.00	14.54 -0.51 0.00	14.23 -0.44 0.00	16.28 -0.25 0.00	15.89 -0.24 0.00	17.64 -0.31 0.00	18.18 -0.37 0.00	18.49 -0.30 0.00	19.04 -0.31 0.00	19.35 -0.54 0.00	20.32 -0.52 0.00	20.34 -0.76 0.00	21.36 -0.77 0.00	24.50 -0.86 0.00	27.57 -0.88 0.00	27.56 -0.76 0.00	26.44 -0.62 0.00	24.92 -0.56 0.00	21.07 -0.54 0.00	20.41 -0.46 0.00	20.49 -0.44 0.00
MECO____69_KV_BK1 80468	28.34 2.19 -4.50	24.61 1.64 -6.02	22.49 1.42 -6.25	21.85 1.39 -5.55	19.33 1.28 -2.99	21.34 1.45 -5.22	18.17 1.55 -0.08	18.37 1.50 -0.73	19.62 1.67 0.00	20.27 1.72 0.00	20.49 1.69 0.00	21.11 1.76 0.00	21.76 1.87 0.00	22.78 1.94 0.00	23.19 2.09 0.00	24.39 2.26 0.00	30.17 2.84 -1.97	33.30 3.56 -1.29	32.90 3.80 -0.77	32.57 3.57 -1.93	29.10 3.34 -0.28	24.29 2.68 0.00	23.19 2.32 0.00	23.02 2.09 0.00
MENANDS__115KV_TB5 355628	26.16 0.69 -3.82	22.60 0.54 -5.11	20.58 0.46 -5.31	20.09 0.46 -4.72	18.06 0.47 -2.54	19.57 0.47 -4.44	17.15 0.55 -0.07	17.29 0.53 -0.62	18.56 0.61 0.00	19.14 0.59 0.00	19.41 0.62 0.00	20.07 0.72 0.00	20.67 0.78 0.00	21.66 0.81 0.00	21.99 0.89 0.00	23.02 0.89 0.00	28.13 1.09 -1.67	30.80 1.25 -1.09	30.26 1.27 -0.66	29.89 1.19 -1.64	26.84 1.12 -0.24	22.45 0.84 0.00	21.67 0.79 0.00	21.64 0.71 0.00
MG INDUSTRY___DRP 24185	26.13 0.76 -3.72	22.52 0.59 -4.98	20.50 0.52 -5.17	20.04 0.54 -4.59	18.07 0.54 -2.47	19.53 0.54 -4.32	17.21 0.61 -0.07	17.30 0.56 -0.61	18.60 0.65 0.00	19.20 0.65 0.00	19.45 0.66 0.00	20.11 0.75 0.00	20.69 0.80 0.00	21.68 0.83 0.00	22.01 0.91 0.00	23.06 0.93 0.00	28.11 1.12 -1.63	30.77 1.25 -1.07	30.24 1.27 -0.64	29.88 1.22 -1.60	26.86 1.15 -0.23	22.49 0.89 0.00	21.69 0.81 0.00	21.70 0.77 0.00
MID___OSWEGATCHIE_HYD 23849	20.91 -0.82 -0.08	16.39 -0.66 -0.11	14.30 -0.62 -0.11	14.38 -0.63 -0.10	14.46 -0.65 -0.05	14.13 -0.63 -0.09	15.94 -0.60 0.00	15.53 -0.61 -0.01	17.25 -0.70 0.00	17.77 -0.78 0.00	18.02 -0.77 0.00	18.56 -0.79 0.00	18.96 -0.93 0.00	19.87 -0.98 0.00	20.00 -1.10 0.00	21.02 -1.11 0.00	24.13 -1.27 -0.04	27.17 -1.31 -0.02	27.18 -1.16 -0.01	26.10 -1.00 -0.03	24.57 -0.92 -0.01	20.79 -0.82 0.00	20.06 -0.81 0.00	20.09 -0.84 0.00
MID___RAQUETTE_HYD 23851	20.56 -1.08 0.00	16.11 -0.83 0.00	14.03 -0.79 0.00	14.12 -0.79 0.00	14.17 -0.89 0.00	13.83 -0.84 0.00	15.84 -0.69 0.00	15.47 -0.66 0.00	17.20 -0.75 0.00	17.73 -0.82 0.00	18.02 -0.77 0.00	18.56 -0.79 0.00	18.86 -1.03 0.00	19.78 -1.06 0.00	19.83 -1.27 0.00	20.82 -1.31 0.00	23.89 -1.47 0.00	26.86 -1.59 0.00	26.83 -1.50 0.00	25.68 -1.38 0.00	24.18 -1.30 0.00	20.46 -1.15 0.00	19.83 -1.04 0.00	19.90 -1.03 0.00
MILLIKEN___1 23584	22.65 0.45 -0.55	18.04 0.36 -0.74	15.91 0.33 -0.77	15.90 0.31 -0.68	15.75 0.33 -0.37	15.66 0.35 -0.64	16.82 0.28 -0.01	16.46 0.24 -0.09	18.20 0.25 0.00	18.82 0.28 0.00	19.00 0.21 0.00	19.53 0.17 0.00	20.09 0.20 0.00	21.05 0.21 0.00	21.44 0.34 0.00	22.53 0.40 0.00	25.99 0.38 -0.24	29.13 0.51 -0.16	29.02 0.59 -0.09	27.90 0.60 -0.24	26.12 0.61 -0.03	22.26 0.65 0.00	21.31 0.44 0.00	21.37 0.44 0.00
MILLIKEN___2 23585	22.65 0.45 -0.55	18.04 0.36 -0.74	15.91 0.33 -0.77	15.90 0.31 -0.68	15.75 0.33 -0.37	15.66 0.35 -0.64	16.82 0.28 -0.01	16.46 0.24 -0.09	18.20 0.25 0.00	18.82 0.28 0.00	19.00 0.21 0.00	19.53 0.17 0.00	20.09 0.20 0.00	21.05 0.21 0.00	21.44 0.34 0.00	22.53 0.40 0.00	25.99 0.38 -0.24	29.13 0.51 -0.16	29.02 0.59 -0.09	27.90 0.60 -0.24	26.12 0.61 -0.03	22.26 0.65 0.00	21.31 0.44 0.00	21.37 0.44 0.00
MILLIKEN___DIESEL 23629	22.65 0.45 -0.55	18.04 0.36 -0.74	15.91 0.33 -0.77	15.90 0.31 -0.68	15.75 0.33 -0.37	15.66 0.35 -0.64	16.82 0.28 -0.01	16.46 0.24 -0.09	18.20 0.25 0.00	18.82 0.28 0.00	19.00 0.21 0.00	19.53 0.17 0.00	20.09 0.20 0.00	21.05 0.21 0.00	21.44 0.34 0.00	22.53 0.40 0.00	25.99 0.38 -0.24	29.13 0.51 -0.16	29.02 0.59 -0.09	27.90 0.60 -0.24	26.12 0.61 -0.03	22.26 0.65 0.00	21.31 0.44 0.00	21.37 0.44 0.00
MILLSEAT___LFGE 323607	21.90 -0.15 -0.40	17.37 -0.12 -0.54	15.30 -0.07 -0.56	15.36 -0.04 -0.50	15.38 0.06 -0.27	15.23 0.09 -0.47	16.16 -0.38 -0.01	15.84 -0.35 -0.07	17.39 -0.56 0.00	18.18 -0.37 0.00	18.29 -0.51 0.00	18.71 -0.64 0.00	19.33 -0.56 0.00	20.32 -0.52 0.00	20.87 -0.23 0.00	21.95 -0.18 0.00	25.03 -0.51 -0.18	27.97 -0.60 -0.12	27.86 -0.54 -0.07	26.75 -0.49 -0.17	25.12 -0.38 -0.03	21.85 0.24 0.00	20.68 -0.19 0.00	21.12 0.19 0.00

MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.97 1.39 -2.94	21.92 1.05 -3.93	19.84 0.95 -4.08	19.44 0.91 -3.62	17.89 0.89 -1.95	18.93 0.85 -3.41	17.51 0.93 -0.05	17.58 0.97 -0.48	19.12 1.17 0.00	19.81 1.26 0.00	20.09 1.30 0.00	20.84 1.49 0.00	21.50 1.61 0.00	22.55 1.71 0.00	22.91 1.81 0.00	24.01 1.88 0.00	28.83 2.18 -1.28	31.72 2.42 -0.84	31.10 2.27 -0.50	30.46 2.14 -1.26	27.62 1.96 -0.18	23.21 1.60 0.00	22.44 1.57 0.00	22.37 1.44 0.00
MILLWOOD_13_KV_LOAD 356217	26.03 1.45 -2.94	21.97 1.10 -3.93	19.88 0.99 -4.08	19.47 0.94 -3.62	17.91 0.90 -1.95	18.96 0.88 -3.41	17.53 0.94 -0.05	17.61 1.00 -0.48	19.15 1.20 0.00	19.84 1.30 0.00	20.13 1.33 0.00	20.88 1.53 0.00	21.54 1.65 0.00	22.62 1.77 0.00	23.00 1.90 0.00	24.08 1.95 0.00	28.93 2.28 -1.28	31.83 2.53 -0.84	31.24 2.41 -0.50	30.60 2.27 -1.26	27.70 2.04 -0.18	23.27 1.66 0.00	22.48 1.61 0.00	22.40 1.47 0.00
MODEL_CITY_ENERGY 24167	21.31 -0.76 -0.42	16.95 -0.56 -0.57	14.94 -0.46 -0.59	15.01 -0.42 -0.52	15.04 -0.30 -0.28	14.90 -0.26 -0.49	15.76 -0.78 -0.01	15.46 -0.74 -0.07	16.96 -0.99 0.00	17.73 -0.82 0.00	17.84 -0.96 0.00	18.25 -1.10 0.00	18.86 -1.04 0.00	19.82 -1.02 0.00	20.34 -0.76 0.00	21.40 -0.73 0.00	24.33 -1.22 -0.19	27.16 -1.42 -0.12	26.98 -1.42 -0.07	25.95 -1.30 -0.18	24.36 -1.15 -0.03	21.26 -0.35 0.00	20.12 -0.75 0.00	20.62 -0.31 0.00
MODERN_LFGE_ 323580	21.31 -0.76 -0.42	16.95 -0.56 -0.57	14.94 -0.46 -0.59	15.01 -0.42 -0.52	15.04 -0.30 -0.28	14.90 -0.26 -0.49	15.76 -0.78 -0.01	15.46 -0.74 -0.07	16.96 -0.99 0.00	17.73 -0.82 0.00	17.84 -0.96 0.00	18.25 -1.10 0.00	18.86 -1.04 0.00	19.82 -1.02 0.00	20.34 -0.76 0.00	21.40 -0.73 0.00	24.33 -1.22 -0.19	27.16 -1.42 -0.12	26.98 -1.42 -0.07	25.95 -1.30 -0.18	24.36 -1.15 -0.03	21.26 -0.35 0.00	20.12 -0.75 0.00	20.62 -0.31 0.00
MOHAWK_PAPER___DRP 24187	26.28 0.80 -3.83	22.69 0.63 -5.12	20.68 0.55 -5.32	20.17 0.54 -4.73	18.14 0.54 -2.55	19.66 0.54 -4.45	17.23 0.63 -0.07	17.35 0.60 -0.63	18.65 0.70 0.00	19.23 0.69 0.00	19.51 0.71 0.00	20.16 0.81 0.00	20.77 0.88 0.00	21.76 0.92 0.00	22.09 0.99 0.00	23.15 1.02 0.00	28.28 1.24 -1.67	30.98 1.42 -1.10	30.43 1.44 -0.66	30.09 1.38 -1.64	27.02 1.30 -0.24	22.60 0.99 0.00	21.77 0.90 0.00	21.77 0.84 0.00
MOHICAN__35_KV_115KV_LD 80490	26.61 1.02 -3.94	22.96 0.75 -5.27	20.94 0.65 -5.47	20.40 0.63 -4.86	18.37 0.69 -2.62	19.90 0.66 -4.57	17.25 0.64 -0.07	17.42 0.65 -0.64	18.70 0.75 0.00	19.31 0.76 0.00	19.58 0.79 0.00	20.22 0.87 0.00	20.83 0.93 0.00	21.80 0.96 0.00	22.13 1.03 0.00	23.19 1.06 0.00	28.43 1.34 -1.72	31.24 1.65 -1.13	30.73 1.73 -0.68	30.38 1.62 -1.69	27.35 1.63 -0.25	22.86 1.25 0.00	21.98 1.11 0.00	21.89 0.96 0.00
MONGAUP___HYD 23641	25.55 1.28 -2.63	21.40 0.95 -3.51	19.30 0.84 -3.65	18.97 0.82 -3.24	17.57 0.77 -1.74	18.45 0.73 -3.05	17.39 0.81 -0.05	17.35 0.79 -0.43	18.83 0.88 0.00	19.47 0.93 0.00	19.71 0.92 0.00	20.42 1.06 0.00	21.04 1.15 0.00	22.12 1.27 0.00	22.45 1.35 0.00	23.55 1.42 0.00	28.06 1.55 -1.15	30.86 1.65 -0.75	30.42 1.64 -0.45	29.92 1.73 -1.12	27.38 1.73 -0.16	22.99 1.38 0.00	22.17 1.29 0.00	22.14 1.21 0.00
MONTAUK___DIESEL 23721	28.39 3.77 -2.98	23.89 2.78 -4.17	24.64 2.50 -7.32	21.95 2.44 -4.60	19.54 2.50 -1.98	21.15 2.38 -4.10	19.18 2.60 -0.05	19.26 2.65 -0.48	21.05 3.09 -0.02	23.34 3.28 -1.51	24.33 3.35 -2.19	26.49 3.66 -3.48	37.12 3.88 -13.35	28.08 4.00 -3.23	28.33 4.16 -3.07	39.23 4.51 -12.58	56.21 5.25 -25.59	55.09 6.00 -20.63	60.29 5.81 -26.16	44.90 5.39 -12.45	42.24 4.97 -11.79	39.81 4.17 -14.03	28.71 3.84 -4.00	27.62 3.64 -3.05
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.18 0.04 -0.49	17.61 0.02 -0.65	15.56 0.07 -0.67	15.58 0.07 -0.60	15.62 0.24 -0.32	15.53 0.29 -0.56	16.67 0.13 -0.01	16.18 -0.03 -0.08	18.06 0.11 0.00	18.90 0.35 0.00	18.94 0.15 0.00	19.41 0.06 0.00	20.05 0.16 0.00	21.01 0.17 0.00	21.65 0.55 0.00	22.75 0.62 0.00	25.53 -0.05 -0.21	28.51 -0.09 -0.14	28.38 -0.03 -0.08	27.19 -0.08 -0.21	25.61 0.10 -0.03	22.52 0.91 0.00	21.23 0.35 0.00	21.50 0.57 0.00
MORTIMER_115KV_TB3 55949	21.99 0.00 -0.34	17.40 0.00 -0.46	15.31 0.01 -0.48	15.36 0.03 -0.42	15.39 0.11 -0.23	15.17 0.10 -0.40	16.21 -0.33 -0.01	16.01 -0.18 -0.06	17.54 -0.41 0.00	18.25 -0.30 0.00	18.46 -0.34 0.00	18.91 -0.45 0.00	19.49 -0.40 0.00	20.45 -0.40 0.00	20.93 -0.17 0.00	22.00 -0.13 0.00	25.34 -0.18 -0.15	28.33 -0.23 -0.10	28.16 -0.23 -0.06	27.02 -0.19 -0.15	25.35 -0.15 -0.02	21.72 0.11 0.00	20.68 -0.19 0.00	20.87 -0.06 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	26.17 1.56 -2.96	22.05 1.15 -3.96	19.97 1.05 -4.11	19.56 1.00 -3.65	17.99 0.96 -1.97	19.03 0.92 -3.43	17.60 1.01 -0.05	17.70 1.08 -0.48	19.24 1.29 0.00	19.96 1.41 0.00	20.26 1.47 0.00	21.04 1.68 0.00	21.70 1.81 0.00	22.76 1.92 0.00	23.10 2.00 0.00	24.23 2.10 0.00	29.09 2.44 -1.29	31.95 2.65 -0.85	31.30 2.46 -0.51	30.63 2.30 -1.27	27.83 2.17 -0.18	23.38 1.77 0.00	22.65 1.77 0.00	22.56 1.63 0.00
MUNSVILLE_WIND_PWR 323609	23.98 1.51 -0.81	19.20 1.17 -1.09	16.94 0.99 -1.13	16.92 1.01 -1.00	16.63 1.04 -0.54	16.70 1.09 -0.94	17.69 1.14 -0.01	17.30 1.03 -0.13	19.01 1.06 0.00	19.60 1.06 0.00	19.75 0.96 0.00	20.42 1.06 0.00	20.94 1.05 0.00	22.03 1.19 0.00	22.32 1.22 0.00	23.59 1.46 0.00	27.17 1.45 -0.36	30.57 1.88 -0.23	30.56 2.10 -0.14	29.63 2.22 -0.35	27.74 2.22 -0.05	23.55 1.95 0.00	22.48 1.61 0.00	22.52 1.59 0.00
N SALMON___HYD 24042	21.26 -0.39 0.00	16.67 -0.27 0.00	14.50 -0.31 0.00	14.59 -0.31 0.00	14.68 -0.38 0.00	14.30 -0.37 0.00	16.29 -0.25 0.00	15.94 -0.19 0.00	17.74 -0.21 0.00	18.29 -0.26 0.00	18.62 -0.17 0.00	19.16 -0.19 0.00	19.55 -0.34 0.00	20.47 -0.37 0.00	20.62 -0.48 0.00	21.60 -0.53 0.00	24.78 -0.58 0.00	27.86 -0.60 0.00	27.79 -0.54 0.00	26.58 -0.49 0.00	25.04 -0.43 0.00	21.22 -0.39 0.00	20.52 -0.35 0.00	20.49 -0.44 0.00
N.AKRON__115KV_KNAPP 355671	21.90 -0.15 -0.41	17.37 -0.12 -0.54	15.30 -0.07 -0.56	15.36 -0.04 -0.50	15.39 0.06 -0.27	15.24 0.10 -0.47	16.16 -0.38 -0.01	15.88 -0.32 -0.07	17.41 -0.54 0.00	18.19 -0.35 0.00	18.31 -0.49 0.00	18.73 -0.62 0.00	19.33 -0.56 0.00	20.30 -0.54 0.00	20.87 -0.23 0.00	21.98 -0.15 0.00	25.04 -0.51 -0.18	27.98 -0.60 -0.12	27.86 -0.54 -0.07	26.75 -0.49 -0.17	25.15 -0.36 -0.03	21.85 0.24 0.00	20.68 -0.19 0.00	20.99 0.06 0.00
N.BELMOR_69_KV_BK1 55787	26.66 2.03 -2.98	22.63 1.52 -4.17	23.51 1.38 -7.32	20.85 1.34 -4.60	18.39 1.35 -1.98	20.05 1.28 -4.10	18.01 1.42 -0.05	18.08 1.47 -0.48	19.65 1.69 -0.02	21.87 1.82 -1.51	22.79 1.80 -2.19	24.84 2.01 -3.47	25.78 2.15 -3.74	26.35 2.27 -3.23	26.55 2.38 -3.06	29.18 2.48 -4.57	53.85 2.89 -25.59	52.27 3.19 -20.62	57.51 3.03 -26.15	42.38 2.87 -12.45	39.94 2.68 -11.79	27.27 2.23 -3.43	27.04 2.17 -3.99	26.05 2.07 -3.05

N.E_GEN_SANDY PD 24062	26.00 0.93 -3.42	22.30 0.78 -4.58	20.25 0.68 -4.75	19.80 0.67 -4.22	18.01 0.68 -2.27	19.30 0.66 -3.97	17.34 0.74 -0.06	17.40 0.71 -0.56	18.79 0.84 0.00	19.40 0.85 0.00	19.68 0.88 0.00	20.36 1.01 0.00	20.96 1.07 0.00	21.99 1.15 0.00	22.30 1.20 0.00	23.30 1.17 0.00	28.25 1.39 -1.49	31.00 1.56 -0.98	30.50 1.59 -0.59	30.04 1.51 -1.47	27.14 1.45 -0.21	22.71 1.10 0.00	21.96 1.08 0.00	22.00 1.07 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.86 1.39 -2.82	21.77 1.05 -3.77	19.68 0.95 -3.92	19.28 0.89 -3.48	17.79 0.86 -1.88	18.78 0.84 -3.27	17.49 0.91 -0.05	17.55 0.95 -0.46	19.08 1.13 0.00	19.79 1.24 0.00	20.07 1.28 0.00	20.82 1.47 0.00	21.48 1.59 0.00	22.53 1.69 0.00	22.91 1.81 0.00	24.01 1.88 0.00	28.78 2.18 -1.23	31.68 2.42 -0.81	31.08 2.27 -0.48	30.41 2.14 -1.21	27.62 1.96 -0.18	23.21 1.60 0.00	22.42 1.54 0.00	22.35 1.42 0.00
N.QUEENS_27_KV_LOAD 356247	26.39 1.78 -2.97	22.21 1.30 -3.97	20.10 1.17 -4.12	19.67 1.10 -3.66	18.11 1.08 -1.97	19.09 0.98 -3.43	17.51 0.93 -0.05	17.68 1.06 -0.48	19.13 1.18 0.00	19.86 1.32 0.00	20.22 1.43 0.00	21.07 1.72 0.00	21.78 1.89 0.00	22.87 2.02 0.00	23.15 2.05 0.00	24.28 2.15 0.00	29.19 2.54 -1.29	32.01 2.70 -0.85	31.07 2.24 -0.51	30.42 2.08 -1.27	27.65 1.99 -0.18	23.21 1.60 0.00	22.69 1.82 0.00	22.75 1.82 0.00
N.TROY____115KV_TB1 355778	26.37 0.87 -3.86	22.80 0.69 -5.16	20.76 0.59 -5.36	20.26 0.60 -4.76	18.22 0.60 -2.56	19.75 0.60 -4.48	17.26 0.66 -0.07	17.39 0.63 -0.63	18.69 0.74 0.00	19.27 0.72 0.00	19.55 0.75 0.00	20.20 0.85 0.00	20.81 0.91 0.00	21.78 0.94 0.00	22.13 1.03 0.00	23.15 1.02 0.00	28.29 1.24 -1.68	30.98 1.42 -1.10	30.46 1.47 -0.66	30.12 1.41 -1.65	27.07 1.35 -0.24	22.65 1.04 0.00	21.83 0.96 0.00	21.83 0.90 0.00
NARROWS_GT1_1 24228	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
NARROWS_GT1_2 24229	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
NARROWS_GT1_3 24230	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
NARROWS_GT1_4 24231	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
NARROWS_GT1_5 24232	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
NARROWS_GT1_6 24233	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
NARROWS_GT1_7 24234	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
NARROWS_GT1_8 24235	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
NARROWS_GT2_1 24236	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
NARROWS_GT2_2 24237	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
NARROWS_GT2_3 24238	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00

NARROWS_GT2_4 24239	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
NARROWS_GT2_5 24240	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
NARROWS_GT2_6 24241	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
NARROWS_GT2_7 24242	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
NARROWS_GT2_8 24243	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	26.12 0.91 -3.56	22.38 0.68 -4.76	20.32 0.56 -4.94	19.86 0.57 -4.39	18.01 0.59 -2.36	19.35 0.56 -4.13	17.29 0.69 -0.07	17.28 0.56 -0.58	18.65 0.70 0.00	19.20 0.65 0.00	19.43 0.64 0.00	20.09 0.74 0.00	20.71 0.82 0.00	21.70 0.85 0.00	22.03 0.93 0.00	23.08 0.95 0.00	28.06 1.14 -1.55	30.93 1.45 -1.02	30.50 1.56 -0.61	30.13 1.54 -1.52	27.23 1.53 -0.22	22.80 1.19 0.00	21.92 1.04 0.00	21.87 0.94 0.00
NCHELSEA_115KV_TR2 355582	26.09 1.47 -2.97	22.03 1.12 -3.97	19.93 0.99 -4.12	19.54 0.97 -3.66	17.94 0.92 -1.97	18.99 0.88 -3.44	17.55 0.96 -0.05	17.58 0.97 -0.48	19.10 1.15 0.00	19.77 1.22 0.00	20.03 1.24 0.00	20.80 1.45 0.00	21.44 1.55 0.00	22.49 1.65 0.00	22.87 1.77 0.00	23.97 1.84 0.00	28.82 2.16 -1.30	31.72 2.42 -0.85	31.19 2.35 -0.51	30.58 2.25 -1.27	27.70 2.04 -0.19	23.25 1.64 0.00	22.44 1.57 0.00	22.40 1.47 0.00
NEG CAPITAL___MECHNVIL 23645	26.64 1.08 -3.91	23.01 0.83 -5.23	20.97 0.73 -5.43	20.45 0.72 -4.83	18.41 0.75 -2.60	19.93 0.72 -4.54	17.38 0.78 -0.07	17.51 0.74 -0.64	18.83 0.88 0.00	19.44 0.89 0.00	19.71 0.92 0.00	20.38 1.02 0.00	20.98 1.09 0.00	22.01 1.17 0.00	22.32 1.22 0.00	23.39 1.26 0.00	28.60 1.52 -1.71	31.37 1.79 -1.12	30.84 1.84 -0.67	30.50 1.76 -1.68	27.40 1.68 -0.24	22.91 1.30 0.00	22.04 1.17 0.00	22.04 1.11 0.00
NEG CENTRAL_HIGH_ACRES 23767	21.70 -0.28 -0.33	17.15 -0.24 -0.45	15.07 -0.21 -0.46	15.13 -0.19 -0.41	15.13 -0.15 -0.22	14.93 -0.13 -0.39	16.03 -0.51 -0.01	15.74 -0.45 -0.05	17.37 -0.58 0.00	18.06 -0.48 0.00	18.25 -0.55 0.00	18.69 -0.66 0.00	19.27 -0.62 0.00	20.24 -0.61 0.00	20.66 -0.44 0.00	21.71 -0.42 0.00	25.03 -0.48 -0.15	28.01 -0.54 -0.10	27.85 -0.54 -0.06	26.69 -0.52 -0.14	24.96 -0.54 -0.02	21.37 -0.24 0.00	20.41 -0.46 0.00	20.66 -0.27 0.00
NEG CENTRAL___DRP 24199	22.12 0.11 -0.37	17.52 0.08 -0.49	15.41 0.09 -0.51	15.45 0.09 -0.45	15.42 0.12 -0.24	15.23 0.13 -0.42	16.52 -0.02 -0.01	16.18 -0.02 -0.06	17.90 -0.05 0.00	18.55 0.00 0.00	18.74 -0.06 0.00	19.22 -0.14 0.00	19.79 -0.10 0.00	20.76 -0.08 0.00	21.18 0.08 0.00	22.26 0.13 0.00	25.58 0.05 -0.16	28.68 0.11 -0.10	28.56 0.17 -0.06	27.36 0.14 -0.16	25.68 0.18 -0.02	21.95 0.35 0.00	20.98 0.10 0.00	21.06 0.13 0.00
NEG CENTRAL___INDECK 23768	22.71 0.58 -0.48	18.02 0.44 -0.64	15.88 0.40 -0.66	15.91 0.42 -0.59	15.87 0.50 -0.32	15.72 0.50 -0.56	16.67 0.13 -0.01	16.23 0.02 -0.08	17.68 -0.27 0.00	18.30 -0.24 0.00	18.38 -0.41 0.00	18.83 -0.52 0.00	19.43 -0.46 0.00	20.47 -0.37 0.00	21.00 -0.10 0.00	22.11 -0.02 0.00	25.40 -0.18 -0.21	28.62 0.03 -0.14	28.75 0.34 -0.08	27.84 0.57 -0.21	26.20 0.69 -0.03	22.60 0.99 0.00	21.46 0.58 0.00	21.73 0.80 0.00
NEG CENTRAL___SENECA 23627	22.22 0.17 -0.40	17.62 0.14 -0.54	15.51 0.13 -0.56	15.54 0.13 -0.50	15.47 0.15 -0.27	15.33 0.19 -0.47	16.56 0.02 -0.01	16.21 0.02 -0.07	17.91 -0.04 0.00	18.60 0.06 0.00	18.76 -0.04 0.00	19.26 -0.10 0.00	19.85 -0.04 0.00	20.82 -0.02 0.00	21.29 0.19 0.00	22.40 0.27 0.00	25.67 0.13 -0.18	28.80 0.23 -0.12	28.68 0.28 -0.07	27.48 0.24 -0.17	25.78 0.28 -0.03	22.13 0.52 0.00	21.08 0.21 0.00	21.18 0.25 0.00
NEG CENTRAL___STATE_STREET 24147	22.24 0.24 -0.36	17.61 0.19 -0.48	15.47 0.16 -0.50	15.50 0.15 -0.44	15.58 0.29 -0.24	15.26 0.18 -0.41	16.61 0.07 -0.01	16.26 0.06 -0.06	18.02 0.07 0.00	18.68 0.13 0.00	18.89 0.09 0.00	19.37 0.02 0.00	19.93 0.04 0.00	20.91 0.06 0.00	21.31 0.21 0.00	22.35 0.22 0.00	25.72 0.20 -0.16	28.84 0.28 -0.10	28.70 0.31 -0.06	27.52 0.30 -0.15	25.81 0.31 -0.02	21.98 0.37 0.00	21.06 0.19 0.00	21.12 0.19 0.00
NEG MILLWOOD___DRP 24198	26.21 1.56 -3.00	22.13 1.17 -4.02	20.02 1.04 -4.17	19.61 1.00 -3.71	18.00 0.95 -2.00	19.06 0.91 -3.48	17.58 0.99 -0.05	17.64 1.02 -0.49	19.17 1.22 0.00	19.86 1.32 0.00	20.15 1.35 0.00	20.90 1.55 0.00	21.58 1.69 0.00	22.68 1.83 0.00	23.06 1.96 0.00	24.14 2.01 0.00	29.04 2.36 -1.31	31.99 2.67 -0.86	31.48 2.63 -0.52	30.84 2.49 -1.29	27.83 2.17 -0.19	23.36 1.75 0.00	22.50 1.63 0.00	22.44 1.51 0.00
NEG NORTH_FLCN_SEA 23793	21.52 -0.13 0.00	16.88 -0.07 0.00	14.69 -0.12 0.00	14.79 -0.12 0.00	14.90 -0.15 0.00	14.49 -0.18 0.00	16.48 -0.05 0.00	16.12 -0.02 0.00	17.91 -0.04 0.00	18.49 -0.06 0.00	18.81 0.02 0.00	19.35 0.00 0.00	19.79 -0.10 0.00	20.76 -0.08 0.00	20.89 -0.21 0.00	21.89 -0.24 0.00	25.11 -0.25 0.00	28.23 -0.23 0.00	28.16 -0.17 0.00	26.90 -0.16 0.00	25.33 -0.15 0.00	21.48 -0.13 0.00	20.81 -0.06 0.00	20.91 -0.02 0.00

NEG NORTH_KES_CHATEGAY 23792	21.37 -0.28 0.00	16.74 -0.20 0.00	14.58 -0.24 0.00	14.67 -0.24 0.00	14.78 -0.27 0.00	14.39 -0.28 0.00	16.37 -0.17 0.00	16.00 -0.13 0.00	17.79 -0.16 0.00	18.34 -0.20 0.00	18.66 -0.13 0.00	19.20 -0.15 0.00	19.63 -0.26 0.00	20.59 -0.25 0.00	20.70 -0.40 0.00	21.71 -0.42 0.00	24.91 -0.46 0.00	28.00 -0.46 0.00	27.93 -0.40 0.00	26.69 -0.38 0.00	25.12 -0.36 0.00	21.31 -0.30 0.00	20.64 -0.23 0.00	20.74 -0.19 0.00
NEG NORTH___ALICE_FALLS 23915	21.52 -0.13 0.00	16.88 -0.07 0.00	14.68 -0.13 0.00	14.77 -0.13 0.00	14.89 -0.17 0.00	14.48 -0.19 0.00	16.45 -0.08 0.00	16.12 -0.02 0.00	17.90 -0.05 0.00	18.47 -0.07 0.00	18.79 0.00 0.00	19.33 -0.02 0.00	19.77 -0.12 0.00	20.74 -0.10 0.00	20.87 -0.23 0.00	21.87 -0.27 0.00	25.09 -0.28 0.00	28.20 -0.26 0.00	28.16 -0.17 0.00	26.90 -0.16 0.00	25.33 -0.15 0.00	21.50 -0.11 0.00	20.79 -0.08 0.00	20.89 -0.04 0.00
NEG NORTH___LWR_SARANAC 23913	21.52 -0.13 0.00	16.88 -0.07 0.00	14.68 -0.13 0.00	14.77 -0.13 0.00	14.89 -0.17 0.00	14.48 -0.19 0.00	16.45 -0.08 0.00	16.12 -0.02 0.00	17.90 -0.05 0.00	18.47 -0.07 0.00	18.79 0.00 0.00	19.33 -0.02 0.00	19.77 -0.12 0.00	20.74 -0.10 0.00	20.87 -0.23 0.00	21.87 -0.27 0.00	25.09 -0.28 0.00	28.20 -0.26 0.00	28.16 -0.17 0.00	26.90 -0.16 0.00	25.33 -0.15 0.00	21.50 -0.11 0.00	20.79 -0.08 0.00	20.89 -0.04 0.00
NEG NORTH___PLATTSBURG 23628	21.52 -0.13 0.00	16.88 -0.07 0.00	14.68 -0.13 0.00	14.77 -0.13 0.00	14.89 -0.17 0.00	14.48 -0.19 0.00	16.45 -0.08 0.00	16.10 -0.03 0.00	17.90 -0.05 0.00	18.47 -0.07 0.00	18.79 0.00 0.00	19.33 -0.02 0.00	19.77 -0.12 0.00	20.70 -0.14 0.00	20.87 -0.23 0.00	21.87 -0.26 0.00	25.09 -0.28 0.00	28.20 -0.26 0.00	28.16 -0.17 0.00	26.90 -0.16 0.00	25.35 -0.13 0.00	21.50 -0.11 0.00	20.77 -0.10 0.00	20.76 -0.17 0.00
NEG WEST_LEA_LOCKPORT 23791	21.55 -0.52 -0.42	17.11 -0.39 -0.56	15.08 -0.31 -0.58	15.16 -0.27 -0.52	15.18 -0.15 -0.28	15.05 -0.10 -0.49	15.95 -0.60 -0.01	15.65 -0.55 -0.07	17.16 -0.79 0.00	17.95 -0.59 0.00	18.04 -0.75 0.00	18.46 -0.89 0.00	19.08 -0.82 0.00	20.01 -0.83 0.00	20.57 -0.53 0.00	21.64 -0.49 0.00	24.61 -0.94 -0.18	27.44 -1.14 -0.12	27.32 -1.08 -0.07	26.24 -1.00 -0.18	24.66 -0.84 -0.03	21.50 -0.11 0.00	20.33 -0.54 0.00	20.70 -0.23 0.00
NEG WEST___LANCASTR 23811	21.03 -1.10 -0.49	16.75 -0.85 -0.66	14.81 -0.68 -0.68	14.83 -0.69 -0.60	14.81 -0.57 -0.33	14.72 -0.51 -0.57	16.29 -0.25 -0.01	15.31 -0.90 -0.08	17.61 -0.34 0.00	18.40 -0.15 0.00	18.47 -0.32 0.00	18.95 -0.41 0.00	19.55 -0.34 0.00	20.53 -0.31 0.00	21.16 0.06 0.00	22.24 0.11 0.00	24.24 -1.34 -0.21	27.09 -1.51 -0.14	26.91 -1.50 -0.08	25.79 -1.49 -0.21	24.49 -1.02 -0.03	22.00 0.39 0.00	20.77 -0.10 0.00	21.06 0.13 0.00
NEG_PENN_ALLEGHNY 23528	22.67 0.15 -0.87	18.23 0.12 -1.17	16.16 0.13 -1.21	16.10 0.12 -1.08	15.79 0.15 -0.58	15.84 0.16 -1.01	16.67 0.12 -0.02	16.39 0.11 -0.14	18.06 0.11 0.00	18.73 0.19 0.00	18.93 0.13 0.00	19.47 0.12 0.00	20.05 0.16 0.00	21.05 0.21 0.00	21.44 0.34 0.00	22.51 0.38 0.00	25.95 0.20 -0.38	28.96 0.26 -0.25	28.73 0.25 -0.15	27.65 0.22 -0.37	25.86 0.33 -0.05	22.08 0.47 0.00	21.14 0.27 0.00	21.29 0.36 0.00
NEG___GEN_MONROE 24207	21.95 -0.04 -0.35	17.39 -0.02 -0.46	15.35 0.06 -0.48	15.42 0.09 -0.43	15.45 0.17 -0.23	15.22 0.15 -0.40	16.26 -0.28 -0.01	16.01 -0.18 -0.06	17.52 -0.43 0.00	18.23 -0.32 0.00	18.44 -0.36 0.00	18.87 -0.48 0.00	19.41 -0.48 0.00	20.39 -0.46 0.00	20.89 -0.21 0.00	22.02 -0.11 0.00	25.31 -0.20 -0.15	28.24 -0.31 -0.10	28.10 -0.28 -0.06	26.97 -0.24 -0.15	25.30 -0.20 -0.02	21.76 0.15 0.00	20.70 -0.17 0.00	20.91 -0.02 0.00
NEPA___ENERGY 23901	21.71 -0.43 -0.49	17.28 -0.32 -0.66	15.29 -0.21 -0.69	15.31 -0.21 -0.61	15.32 -0.06 -0.33	15.20 -0.04 -0.57	16.33 -0.21 -0.01	15.83 -0.39 -0.08	17.66 -0.29 0.00	18.47 -0.07 0.00	18.55 -0.24 0.00	19.02 -0.33 0.00	19.63 -0.26 0.00	20.59 -0.25 0.00	21.25 0.15 0.00	22.33 0.20 0.00	25.05 -0.53 -0.22	28.00 -0.60 -0.14	27.79 -0.62 -0.08	26.63 -0.65 -0.21	25.10 -0.41 -0.03	22.06 0.45 0.00	20.83 -0.04 0.00	21.08 0.15 0.00
NEVERSINK___HYD 23608	25.71 1.51 -2.55	21.49 1.14 -3.41	19.36 1.01 -3.54	19.02 0.97 -3.15	17.59 0.84 -1.69	18.51 0.88 -2.96	17.50 0.93 -0.05	17.47 0.92 -0.42	19.04 1.10 0.00	19.72 1.17 0.00	19.98 1.18 0.00	20.73 1.37 0.00	21.36 1.47 0.00	22.45 1.61 0.00	22.79 1.69 0.00	23.90 1.77 0.00	28.56 2.08 -1.11	31.55 2.36 -0.73	31.09 2.32 -0.44	30.40 2.25 -1.09	27.70 2.06 -0.16	23.30 1.69 0.00	22.46 1.59 0.00	22.42 1.49 0.00
NEWKRMKL_115KV_TB1 55635	26.06 0.58 -3.83	22.51 0.46 -5.11	20.51 0.39 -5.31	20.01 0.39 -4.72	17.99 0.39 -2.54	19.50 0.40 -4.44	17.08 0.48 -0.07	17.21 0.45 -0.62	18.49 0.52 0.00	19.07 0.52 0.00	19.32 0.53 0.00	19.99 0.64 0.00	20.59 0.70 0.00	21.57 0.73 0.00	21.90 0.80 0.00	22.93 0.80 0.00	28.02 0.99 -1.67	30.69 1.14 -1.09	30.12 1.13 -0.66	29.76 1.06 -1.64	26.74 1.02 -0.24	22.34 0.73 0.00	21.56 0.69 0.00	21.54 0.61 0.00
NEWTON___FALLS_HYD 23847	20.91 -0.82 -0.08	16.39 -0.66 -0.11	14.30 -0.62 -0.11	14.38 -0.63 -0.10	14.46 -0.65 -0.05	14.13 -0.63 -0.09	15.94 -0.60 0.00	15.53 -0.61 -0.01	17.25 -0.70 0.00	17.77 -0.78 0.00	18.02 -0.77 0.00	18.56 -0.79 0.00	18.96 -0.93 0.00	19.87 -0.98 0.00	20.00 -1.10 0.00	21.02 -1.11 0.00	24.13 -1.27 -0.04	27.17 -1.31 -0.02	27.18 -1.16 -0.01	26.10 -1.00 -0.03	24.57 -0.92 -0.01	20.79 -0.82 0.00	20.06 -0.81 0.00	20.09 -0.84 0.00
NGRID_A1_DSASP 323792	21.30 -0.78 -0.43	16.97 -0.54 -0.57	14.96 -0.44 -0.59	15.05 -0.39 -0.53	15.05 -0.29 -0.28	14.95 -0.22 -0.50	15.70 -0.84 -0.01	15.33 -0.87 -0.07	16.82 -1.13 0.00	17.58 -0.97 0.00	17.68 -1.11 0.00	18.09 -1.26 0.00	18.68 -1.21 0.00	19.64 -1.21 0.00	20.15 -0.95 0.00	21.18 -0.95 0.00	24.16 -1.40 -0.19	26.93 -1.65 -0.12	26.76 -1.64 -0.07	25.71 -1.54 -0.18	24.13 -1.38 -0.03	21.05 -0.56 0.00	19.91 -0.96 0.00	20.43 -0.50 0.00
NGRID_A2_DSASP 323793	21.30 -0.78 -0.43	16.97 -0.54 -0.57	14.96 -0.44 -0.59	15.05 -0.39 -0.53	15.05 -0.29 -0.28	14.95 -0.22 -0.50	15.70 -0.84 -0.01	15.33 -0.87 -0.07	16.82 -1.13 0.00	17.58 -0.97 0.00	17.68 -1.11 0.00	18.09 -1.26 0.00	18.68 -1.21 0.00	19.64 -1.21 0.00	20.15 -0.95 0.00	21.18 -0.95 0.00	24.16 -1.40 -0.19	26.93 -1.65 -0.12	26.76 -1.64 -0.07	25.71 -1.54 -0.18	24.13 -1.38 -0.03	21.05 -0.56 0.00	19.91 -0.96 0.00	20.43 -0.50 0.00
NGRID_A4_DSASP 323807	21.30 -0.78 -0.43	16.96 -0.56 -0.57	14.96 -0.44 -0.59	15.05 -0.39 -0.53	15.05 -0.29 -0.28	14.94 -0.22 -0.50	15.70 -0.84 -0.01	15.38 -0.82 -0.07	16.82 -1.13 0.00	17.58 -0.96 0.00	17.68 -1.11 0.00	18.09 -1.26 0.00	18.68 -1.21 0.00	19.59 -1.25 0.00	20.15 -0.95 0.00	21.18 -0.95 0.00	24.16 -1.40 -0.19	26.93 -1.65 -0.12	26.76 -1.64 -0.07	25.70 -1.54 -0.18	24.15 -1.35 -0.03	21.05 -0.56 0.00	19.89 -0.98 0.00	20.28 -0.65 0.00

NIAGARA_115E_LBMP 323715	21.19 -0.89 -0.43	16.85 -0.66 -0.57	14.86 -0.55 -0.59	14.93 -0.51 -0.53	14.95 -0.39 -0.28	14.81 -0.35 -0.50	15.66 -0.88 -0.01	15.36 -0.84 -0.07	16.85 -1.10 0.00	17.62 -0.93 0.00	17.74 -1.05 0.00	18.13 -1.22 0.00	18.74 -1.15 0.00	19.70 -1.15 0.00	20.21 -0.89 0.00	21.24 -0.89 0.00	24.18 -1.37 -0.19	26.96 -1.62 -0.12	26.82 -1.59 -0.07	25.76 -1.49 -0.18	24.21 -1.30 -0.03	21.11 -0.50 0.00	19.98 -0.90 0.00	20.49 -0.44 0.00
NIAGARA_115W_LBMP 323714	21.23 -0.84 -0.43	16.94 -0.58 -0.57	14.93 -0.47 -0.59	15.02 -0.42 -0.53	15.02 -0.32 -0.28	14.91 -0.25 -0.49	15.66 -0.88 -0.01	15.28 -0.92 -0.07	16.76 -1.19 0.00	17.53 -1.02 0.00	17.65 -1.15 0.00	18.04 -1.32 0.00	18.62 -1.27 0.00	19.57 -1.27 0.00	20.09 -1.01 0.00	21.14 -1.00 0.00	24.08 -1.47 -0.19	26.84 -1.74 -0.12	26.70 -1.70 -0.07	25.65 -1.60 -0.18	24.05 -1.45 -0.03	20.98 -0.63 0.00	19.85 -1.02 0.00	20.37 -0.56 0.00
NIAGARA_230_LBMP 323716	21.37 -0.69 -0.42	17.00 -0.51 -0.56	15.00 -0.40 -0.58	15.07 -0.36 -0.52	15.09 -0.24 -0.28	14.94 -0.22 -0.49	15.80 -0.74 -0.01	15.49 -0.71 -0.07	17.02 -0.93 0.00	17.77 -0.78 0.00	17.91 -0.88 0.00	18.31 -1.05 0.00	18.90 -0.99 0.00	19.87 -0.98 0.00	20.38 -0.72 0.00	21.44 -0.69 0.00	24.43 -1.12 -0.18	27.24 -1.34 -0.12	27.07 -1.33 -0.07	26.00 -1.24 -0.18	24.41 -1.09 -0.03	21.29 -0.32 0.00	20.14 -0.73 0.00	20.64 -0.29 0.00
NIAGARA___115KV_198_GIBSON 55903	21.25 -0.82 -0.43	16.92 -0.59 -0.57	14.93 -0.47 -0.59	15.02 -0.42 -0.53	15.02 -0.32 -0.28	14.91 -0.25 -0.49	15.66 -0.88 -0.01	15.35 -0.86 -0.07	16.77 -1.18 0.00	17.53 -1.02 0.00	17.65 -1.15 0.00	18.04 -1.32 0.00	18.62 -1.27 0.00	19.55 -1.29 0.00	20.09 -1.01 0.00	21.11 -1.02 0.00	24.08 -1.47 -0.19	26.84 -1.74 -0.12	26.70 -1.70 -0.07	25.65 -1.60 -0.18	24.10 -1.40 -0.03	20.98 -0.63 0.00	19.85 -1.02 0.00	20.22 -0.71 0.00
NIAGARA____ 23760	21.38 -0.69 -0.43	17.01 -0.51 -0.57	15.01 -0.40 -0.59	15.08 -0.36 -0.53	15.10 -0.24 -0.28	14.95 -0.22 -0.50	15.80 -0.74 -0.01	15.49 -0.71 -0.07	17.02 -0.93 0.00	17.77 -0.78 0.00	17.91 -0.88 0.00	18.31 -1.05 0.00	18.90 -0.99 0.00	19.87 -0.98 0.00	20.38 -0.72 0.00	21.44 -0.69 0.00	24.44 -1.12 -0.19	27.24 -1.34 -0.12	27.07 -1.33 -0.07	26.00 -1.24 -0.18	24.41 -1.09 -0.03	21.29 -0.32 0.00	20.14 -0.73 0.00	20.64 -0.29 0.00
NINE_MILE_1 23575	21.37 -0.46 -0.18	16.82 -0.36 -0.23	14.74 -0.31 -0.24	14.81 -0.31 -0.22	14.85 -0.32 -0.12	14.58 -0.29 -0.20	16.11 -0.43 0.00	15.76 -0.40 -0.03	17.45 -0.50 0.00	18.03 -0.52 0.00	18.25 -0.55 0.00	18.69 -0.66 0.00	19.21 -0.68 0.00	20.14 -0.71 0.00	20.45 -0.65 0.00	21.44 -0.69 0.00	24.66 -0.79 -0.08	27.62 -0.88 -0.05	27.48 -0.88 -0.03	26.30 -0.84 -0.08	24.70 -0.79 -0.01	20.98 -0.63 0.00	20.22 -0.65 0.00	20.41 -0.52 0.00
NINE_MILE_2 23744	21.37 -0.46 -0.17	16.82 -0.36 -0.23	14.74 -0.31 -0.24	14.81 -0.31 -0.22	14.85 -0.32 -0.12	14.58 -0.29 -0.20	16.12 -0.41 0.00	15.76 -0.40 -0.03	17.45 -0.50 0.00	18.03 -0.52 0.00	18.25 -0.55 0.00	18.69 -0.66 0.00	19.21 -0.68 0.00	20.14 -0.71 0.00	20.45 -0.65 0.00	21.47 -0.66 0.00	24.66 -0.79 -0.08	27.62 -0.88 -0.05	27.48 -0.88 -0.03	26.30 -0.84 -0.07	24.70 -0.79 -0.01	20.98 -0.63 0.00	20.22 -0.65 0.00	20.41 -0.52 0.00
NM_CAPITAL___DRP 24208	26.09 0.63 -3.81	22.53 0.49 -5.10	20.54 0.43 -5.29	20.04 0.43 -4.70	18.02 0.44 -2.53	19.53 0.44 -4.42	17.12 0.51 -0.07	17.25 0.50 -0.62	18.52 0.57 0.00	19.10 0.56 0.00	19.36 0.56 0.00	20.03 0.68 0.00	20.63 0.74 0.00	21.62 0.77 0.00	21.94 0.84 0.00	22.97 0.84 0.00	28.07 1.04 -1.66	30.71 1.17 -1.09	30.17 1.19 -0.65	29.83 1.14 -1.63	26.79 1.07 -0.24	22.41 0.80 0.00	21.60 0.73 0.00	21.60 0.67 0.00
NM_CENTRAL___DRP 24181	21.86 -0.04 -0.25	17.25 -0.03 -0.34	15.14 -0.03 -0.35	15.19 -0.03 -0.31	15.21 -0.02 -0.17	14.95 -0.01 -0.29	16.41 -0.13 0.00	16.05 -0.13 -0.04	17.79 -0.16 0.00	18.40 -0.15 0.00	18.61 -0.19 0.00	19.08 -0.27 0.00	19.63 -0.26 0.00	20.57 -0.27 0.00	20.93 -0.17 0.00	21.98 -0.15 0.00	25.22 -0.25 -0.11	28.24 -0.28 -0.07	28.09 -0.28 -0.04	26.88 -0.30 -0.11	25.26 -0.23 -0.02	21.52 -0.09 0.00	20.68 -0.19 0.00	20.76 -0.17 0.00
NM_FRONTIER___DRP 24179	21.25 -0.82 -0.43	16.92 -0.59 -0.57	14.93 -0.47 -0.59	15.02 -0.42 -0.53	15.02 -0.32 -0.28	14.91 -0.25 -0.49	15.66 -0.88 -0.01	15.35 -0.86 -0.07	16.77 -1.18 0.00	17.53 -1.02 0.00	17.65 -1.15 0.00	18.04 -1.32 0.00	18.62 -1.27 0.00	19.55 -1.29 0.00	20.09 -1.01 0.00	21.11 -1.02 0.00	24.08 -1.47 -0.19	26.84 -1.74 -0.12	26.70 -1.70 -0.07	25.65 -1.60 -0.18	24.10 -1.40 -0.03	20.98 -0.63 0.00	19.85 -1.02 0.00	20.22 -0.71 0.00
NM_ST_REGIS___HYD 24053	20.72 -0.93 0.00	16.23 -0.71 0.00	14.13 -0.68 0.00	14.22 -0.69 0.00	14.29 -0.77 0.00	13.95 -0.72 0.00	15.94 -0.60 0.00	15.58 -0.55 0.00	17.32 -0.63 0.00	17.86 -0.69 0.00	18.17 -0.62 0.00	18.69 -0.66 0.00	19.04 -0.86 0.00	19.97 -0.88 0.00	20.02 -1.08 0.00	21.00 -1.13 0.00	24.10 -1.27 0.00	27.09 -1.37 0.00	27.05 -1.27 0.00	25.90 -1.16 0.00	24.38 -1.10 0.00	20.64 -0.97 0.00	20.00 -0.88 0.00	20.07 -0.86 0.00
NORTHPORT___1 23551	26.64 2.01 -2.98	22.65 1.54 -4.17	23.52 1.39 -7.32	20.85 1.34 -4.60	18.42 1.38 -1.98	20.06 1.29 -4.10	18.03 1.44 -0.06	18.09 1.47 -0.49	19.64 1.67 -0.02	21.80 1.74 -1.51	22.75 1.77 -2.19	24.82 1.99 -3.47	25.64 2.13 -3.62	26.26 2.19 -3.23	26.42 2.26 -3.06	29.23 2.30 -4.80	53.64 2.69 -25.59	52.04 2.96 -20.62	57.28 2.81 -26.15	42.13 2.62 -12.45	39.73 2.47 -11.79	27.35 2.01 -3.73	26.85 1.98 -3.99	25.99 2.01 -3.05
NORTHPORT___2 23552	26.64 2.01 -2.98	22.65 1.54 -4.17	23.52 1.39 -7.32	20.85 1.34 -4.60	18.42 1.38 -1.98	20.06 1.29 -4.10	18.03 1.44 -0.06	18.09 1.47 -0.49	19.64 1.67 -0.02	21.80 1.74 -1.51	22.75 1.77 -2.19	24.82 1.99 -3.47	25.64 2.13 -3.62	26.26 2.19 -3.23	26.42 2.26 -3.06	29.23 2.30 -4.80	53.64 2.69 -25.59	52.04 2.96 -20.62	57.28 2.81 -26.15	42.13 2.62 -12.45	39.73 2.47 -11.79	27.35 2.01 -3.73	26.85 1.98 -3.99	25.99 2.01 -3.05
NORTHPORT___3 23553	26.76 2.12 -2.99	22.74 1.63 -4.17	23.58 1.45 -7.32	20.93 1.42 -4.60	18.48 1.45 -1.98	20.12 1.35 -4.10	18.10 1.50 -0.06	18.16 1.53 -0.49	19.75 1.78 -0.03	21.96 1.89 -1.52	22.87 1.88 -2.20	24.91 2.07 -3.48	25.65 2.13 -3.63	26.44 2.35 -3.24	26.59 2.43 -3.07	29.46 2.52 -4.80	53.88 2.92 -25.60	52.27 3.19 -20.63	57.55 3.06 -26.16	42.41 2.90 -12.45	39.97 2.70 -11.79	27.57 2.23 -3.74	27.11 2.23 -4.00	26.17 2.18 -3.06
NORTHPORT___4 23650	26.76 2.12 -2.99	22.74 1.63 -4.17	23.58 1.45 -7.32	20.93 1.42 -4.60	18.48 1.45 -1.98	20.12 1.35 -4.10	18.10 1.50 -0.06	18.16 1.53 -0.49	19.75 1.78 -0.03	21.96 1.89 -1.52	22.87 1.88 -2.20	24.91 2.07 -3.48	25.65 2.13 -3.63	26.44 2.35 -3.24	26.59 2.43 -3.07	29.46 2.52 -4.80	53.88 2.92 -25.60	52.27 3.19 -20.63	57.55 3.06 -26.16	42.41 2.90 -12.45	39.97 2.70 -11.79	27.57 2.23 -3.74	27.11 2.23 -4.00	26.17 2.18 -3.06

NORTHPORT___IC 23718	26.64 2.01 -2.98	22.65 1.54 -4.17	23.52 1.39 -7.32	20.85 1.34 -4.60	18.42 1.38 -1.98	20.06 1.29 -4.10	18.03 1.44 -0.06	18.09 1.47 -0.49	19.64 1.67 -0.02	21.80 1.74 -1.51	22.75 1.77 -2.19	24.82 1.99 -3.47	25.64 2.13 -3.62	26.26 2.19 -3.23	26.42 2.26 -3.06	29.23 2.30 -4.80	53.64 2.69 -25.59	52.04 2.96 -20.62	57.28 2.81 -26.15	42.13 2.62 -12.45	39.73 2.47 -11.79	27.35 2.01 -3.73	26.85 1.98 -3.99	25.99 2.01 -3.05
NORTH___COUNTRY_ESR 323785	21.30 -0.35 0.00	16.69 -0.25 0.00	14.55 -0.27 0.00	14.64 -0.27 0.00	14.75 -0.30 0.00	14.38 -0.29 0.00	16.35 -0.18 0.00	15.97 -0.16 0.00	17.77 -0.18 0.00	18.34 -0.20 0.00	18.64 -0.15 0.00	19.18 -0.17 0.00	19.61 -0.28 0.00	20.53 -0.31 0.00	20.68 -0.42 0.00	21.66 -0.47 0.00	24.88 -0.48 0.00	27.95 -0.51 0.00	27.87 -0.45 0.00	26.63 -0.43 0.00	25.10 -0.38 0.00	21.24 -0.37 0.00	20.58 -0.29 0.00	20.55 -0.38 0.00
NPX_GEN_1385_PROXY 323591	26.25 1.62 -2.98	22.48 1.37 -4.17	23.33 1.20 -7.32	20.66 1.15 -4.60	18.15 1.11 -1.98	19.87 1.10 -4.10	17.92 1.32 -0.06	17.91 1.29 -0.49	19.28 1.31 -0.02	21.30 1.24 -1.51	22.20 1.22 -2.19	22.50 1.43 -1.72	23.70 1.55 -2.26	24.10 1.58 -1.67	24.38 1.62 -1.66	24.00 1.66 -0.21	28.81 1.95 -1.49	32.85 2.14 -2.26	35.10 1.98 -4.79	35.30 1.87 -6.37	32.40 1.71 -5.21	26.70 1.36 -3.73	25.66 1.38 -3.41	25.55 1.57 -3.05
NPX_GEN_CSC 323557	27.27 2.64 -2.98	23.09 1.98 -4.17	23.95 1.82 -7.32	21.27 1.76 -4.60	18.86 1.82 -1.98	20.47 1.70 -4.10	18.46 1.87 -0.06	18.53 1.90 -0.49	20.16 2.19 -0.02	22.34 2.28 -1.51	23.29 2.31 -2.19	25.39 2.55 -3.48	36.03 2.75 -13.39	26.93 2.86 -3.23	27.12 2.95 -3.07	37.82 3.12 -12.56	54.58 3.63 -25.59	53.16 4.07 -20.63	58.42 3.94 -26.16	43.23 3.71 -12.45	40.74 3.46 -11.79	38.49 2.87 -14.00	27.63 2.75 -4.00	26.66 2.68 -3.05
NSINS_S_GLNS_FALLS 23858	26.57 0.97 -3.95	22.93 0.71 -5.28	20.91 0.62 -5.48	20.37 0.60 -4.87	18.34 0.66 -2.62	19.88 0.63 -4.58	17.22 0.61 -0.07	17.39 0.61 -0.64	18.67 0.72 0.00	19.27 0.72 0.00	19.55 0.75 0.00	20.18 0.83 0.00	20.79 0.90 0.00	21.76 0.92 0.00	22.09 0.99 0.00	23.15 1.02 0.00	28.38 1.29 -1.72	31.18 1.59 -1.13	30.68 1.67 -0.68	30.32 1.57 -1.69	27.30 1.58 -0.25	22.84 1.23 0.00	21.94 1.06 0.00	21.85 0.92 0.00
NUCOR_STEEL___DRP 24197	22.27 0.28 -0.34	17.64 0.24 -0.46	15.51 0.22 -0.48	15.54 0.21 -0.42	15.51 0.23 -0.23	15.30 0.23 -0.40	16.65 0.12 -0.01	16.30 0.11 -0.06	18.06 0.11 0.00	18.69 0.15 0.00	18.91 0.11 0.00	19.39 0.04 0.00	19.95 0.06 0.00	20.91 0.06 0.00	21.29 0.19 0.00	22.35 0.22 0.00	25.72 0.20 -0.15	28.81 0.26 -0.10	28.67 0.28 -0.06	27.48 0.27 -0.15	25.78 0.28 -0.02	21.95 0.35 0.00	21.06 0.19 0.00	21.14 0.21 0.00
NUMBER_THREE_WT_PWR 323818	21.63 -0.13 -0.11	16.97 -0.12 -0.15	14.83 -0.13 -0.15	14.91 -0.13 -0.14	14.99 -0.14 -0.07	14.68 -0.12 -0.13	16.40 -0.13 0.00	15.97 -0.18 -0.02	17.72 -0.23 0.00	18.25 -0.30 0.00	18.47 -0.32 0.00	19.04 -0.31 0.00	19.51 -0.38 0.00	20.47 -0.37 0.00	20.68 -0.42 0.00	21.78 -0.35 0.00	24.96 -0.46 -0.05	28.12 -0.37 -0.03	28.12 -0.23 -0.02	27.06 -0.05 -0.05	25.49 0.00 -0.01	21.59 -0.02 0.00	20.75 -0.12 0.00	20.76 -0.17 0.00
NYISO_LBMP_REFERENCE 24008	21.65 0.00 0.00	16.94 0.00 0.00	14.81 0.00 0.00	14.91 0.00 0.00	15.06 0.00 0.00	14.67 0.00 0.00	16.53 0.00 0.00	16.13 0.00 0.00	17.95 0.00 0.00	18.55 0.00 0.00	18.79 0.00 0.00	19.35 0.00 0.00	19.89 0.00 0.00	20.85 0.00 0.00	21.10 0.00 0.00	22.13 0.00 0.00	25.37 0.00 0.00	28.46 0.00 0.00	28.33 0.00 0.00	27.06 0.00 0.00	25.48 0.00 0.00	21.61 0.00 0.00	20.87 0.00 0.00	20.93 0.00 0.00
NYPA_BRENTWD___GT 24164	27.01 2.38 -2.98	22.90 1.80 -4.17	23.76 1.63 -7.32	21.09 1.58 -4.60	18.66 1.63 -1.98	20.28 1.51 -4.10	18.28 1.69 -0.06	18.32 1.69 -0.49	19.91 1.94 -0.02	22.10 2.04 -1.51	23.05 2.07 -2.19	25.13 2.30 -3.48	28.35 2.47 -5.99	26.66 2.58 -3.23	26.82 2.66 -3.06	31.26 2.79 -6.34	54.21 3.25 -25.59	52.61 3.53 -20.63	57.85 3.37 -26.15	42.68 3.16 -12.45	40.25 2.98 -11.79	29.91 2.53 -5.77	27.31 2.44 -4.00	26.39 2.41 -3.05
NYPA_GOWANUS___GT5 24156	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
NYPA_GOWANUS___GT6 24157	26.30 1.69 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.93 2.08 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.77 1.84 0.00
NYPA_HARLEM__RVR_GT1 24160	26.33 1.71 -2.97	22.16 1.25 -3.97	20.07 1.14 -4.12	19.64 1.07 -3.66	18.08 1.05 -1.97	19.06 0.95 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.11 1.17 0.01	19.83 1.28 0.00	20.20 1.41 0.00	21.03 1.68 0.00	21.74 1.85 0.00	22.87 2.02 0.00	23.11 2.01 0.00	24.23 2.10 0.00	29.15 2.49 -1.29	31.92 2.62 -0.85	31.01 2.18 -0.50	30.38 2.06 -1.26	27.62 1.96 -0.18	23.20 1.60 0.01	22.67 1.80 0.00	22.77 1.84 0.00
NYPA_HARLEM__RVR_GT2 24161	26.33 1.71 -2.97	22.16 1.25 -3.97	20.07 1.14 -4.12	19.64 1.07 -3.66	18.08 1.05 -1.97	19.06 0.95 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.11 1.17 0.01	19.83 1.28 0.00	20.20 1.41 0.00	21.03 1.68 0.00	21.74 1.85 0.00	22.87 2.02 0.00	23.11 2.01 0.00	24.23 2.10 0.00	29.15 2.49 -1.29	31.92 2.62 -0.85	31.01 2.18 -0.50	30.38 2.06 -1.26	27.62 1.96 -0.18	23.20 1.60 0.01	22.67 1.80 0.00	22.77 1.84 0.00
NYPA_KENT___GT 24152	26.27 1.67 -2.96	22.10 1.20 -3.96	20.02 1.10 -4.11	19.57 1.01 -3.65	18.02 0.99 -1.97	19.01 0.91 -3.43	17.53 0.94 -0.05	17.66 1.05 -0.48	19.21 1.26 0.00	19.94 1.39 0.00	20.26 1.47 0.00	21.09 1.74 0.00	21.78 1.89 0.00	22.91 2.06 0.00	23.15 2.05 0.00	24.28 2.15 0.00	29.19 2.54 -1.29	32.01 2.70 -0.85	31.33 2.49 -0.51	30.66 2.33 -1.27	27.85 2.19 -0.18	23.40 1.79 0.00	22.75 1.88 0.00	22.75 1.82 0.00
NYPA_POUCH1___GT 24155	26.25 1.64 -2.96	22.07 1.17 -3.96	19.99 1.07 -4.11	19.54 0.98 -3.65	17.97 0.95 -1.97	18.95 0.85 -3.43	17.45 0.86 -0.05	17.59 0.97 -0.49	19.12 1.17 0.00	19.87 1.32 0.00	20.21 1.41 0.00	21.04 1.68 0.00	21.75 1.85 0.00	22.87 2.02 0.00	23.11 2.01 0.00	24.24 2.10 0.00	29.17 2.51 -1.30	31.98 2.67 -0.85	31.30 2.46 -0.51	30.63 2.30 -1.27	27.80 2.14 -0.18	23.38 1.77 0.00	22.75 1.88 0.00	22.73 1.80 0.00

NYPA_VERNON____GT2 24162	26.23 1.62 -2.96	22.09 1.19 -3.96	20.00 1.08 -4.11	19.57 1.01 -3.65	18.02 0.99 -1.97	19.03 0.92 -3.43	17.55 0.96 -0.05	17.68 1.06 -0.48	19.21 1.26 0.00	19.94 1.39 0.00	20.26 1.47 0.00	21.07 1.72 0.00	21.76 1.87 0.00	22.89 2.04 0.00	23.15 2.05 0.00	24.28 2.15 0.00	29.17 2.51 -1.29	31.98 2.67 -0.85	31.27 2.44 -0.51	30.63 2.30 -1.27	27.83 2.16 -0.18	23.38 1.77 0.00	22.71 1.84 0.00	22.71 1.78 0.00
NYPA_VERNON____GT3 24163	26.23 1.62 -2.96	22.09 1.19 -3.96	20.00 1.08 -4.11	19.57 1.01 -3.65	18.02 0.99 -1.97	19.03 0.92 -3.43	17.55 0.96 -0.05	17.68 1.06 -0.48	19.21 1.26 0.00	19.94 1.39 0.00	20.26 1.47 0.00	21.07 1.72 0.00	21.76 1.87 0.00	22.89 2.04 0.00	23.15 2.05 0.00	24.28 2.15 0.00	29.17 2.51 -1.29	31.98 2.67 -0.85	31.27 2.44 -0.51	30.63 2.30 -1.27	27.83 2.16 -0.18	23.38 1.77 0.00	22.71 1.84 0.00	22.71 1.78 0.00
NYPA____ASTORIA_CC1 323568	26.21 1.60 -2.96	22.07 1.17 -3.96	19.99 1.07 -4.11	19.56 1.00 -3.65	18.00 0.98 -1.97	19.01 0.91 -3.43	17.53 0.94 -0.05	17.65 1.03 -0.48	19.19 1.24 0.00	19.90 1.35 0.00	20.24 1.45 0.00	21.06 1.70 0.00	21.74 1.85 0.00	22.85 2.00 0.00	23.11 2.01 0.00	24.23 2.10 0.00	29.12 2.46 -1.29	31.92 2.62 -0.85	31.22 2.38 -0.51	30.55 2.22 -1.27	27.78 2.11 -0.18	23.34 1.73 0.00	22.69 1.81 0.00	22.69 1.76 0.00
NYPA____ASTORIA_CC2 323569	26.21 1.60 -2.96	22.07 1.17 -3.96	19.99 1.07 -4.11	19.56 1.00 -3.65	18.00 0.98 -1.97	19.01 0.91 -3.43	17.53 0.94 -0.05	17.65 1.03 -0.48	19.19 1.24 0.00	19.90 1.35 0.00	20.24 1.45 0.00	21.06 1.70 0.00	21.74 1.85 0.00	22.85 2.00 0.00	23.11 2.01 0.00	24.23 2.10 0.00	29.12 2.46 -1.29	31.92 2.62 -0.85	31.22 2.38 -0.51	30.55 2.22 -1.27	27.78 2.11 -0.18	23.34 1.73 0.00	22.69 1.81 0.00	22.69 1.76 0.00
NYPA____HOLTSVILL 23794	26.94 2.32 -2.98	22.84 1.73 -4.17	23.75 1.61 -7.32	21.07 1.56 -4.60	18.66 1.63 -1.98	20.28 1.51 -4.10	18.26 1.67 -0.06	18.30 1.68 -0.49	19.91 1.94 -0.02	22.08 2.02 -1.51	23.03 2.05 -2.19	25.12 2.28 -3.48	35.83 2.45 -13.49	26.60 2.52 -3.23	26.76 2.59 -3.07	37.27 2.72 -12.42	54.08 3.12 -25.59	52.56 3.47 -20.63	57.80 3.31 -26.16	42.63 3.11 -12.45	40.20 2.93 -11.79	37.86 2.44 -13.81	27.25 2.38 -4.00	26.32 2.34 -3.05
NYPA____HELLGATE_GT1 24158	26.33 1.71 -2.97	22.16 1.25 -3.97	20.07 1.14 -4.12	19.64 1.07 -3.66	18.08 1.05 -1.97	19.06 0.95 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.11 1.17 0.01	19.83 1.28 0.00	20.20 1.41 0.00	21.03 1.68 0.00	21.74 1.85 0.00	22.87 2.02 0.00	23.11 2.01 0.00	24.23 2.10 0.00	29.15 2.49 -1.29	31.92 2.62 -0.85	31.01 2.18 -0.50	30.38 2.06 -1.26	27.62 1.96 -0.18	23.20 1.60 0.01	22.67 1.80 0.00	22.77 1.84 0.00
NYPA____HELLGATE_GT2 24159	26.33 1.71 -2.97	22.16 1.25 -3.97	20.07 1.14 -4.12	19.64 1.07 -3.66	18.08 1.05 -1.97	19.06 0.95 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.11 1.17 0.01	19.83 1.28 0.00	20.20 1.41 0.00	21.03 1.68 0.00	21.74 1.85 0.00	22.87 2.02 0.00	23.11 2.01 0.00	24.23 2.10 0.00	29.15 2.49 -1.29	31.92 2.62 -0.85	31.01 2.18 -0.50	30.38 2.06 -1.26	27.62 1.96 -0.18	23.20 1.60 0.01	22.67 1.80 0.00	22.77 1.84 0.00
NYS_BARGE____HYD 23848	21.54 -0.52 -0.42	17.11 -0.39 -0.56	15.08 -0.31 -0.58	15.15 -0.27 -0.51	15.18 -0.15 -0.28	15.03 -0.12 -0.48	15.95 -0.59 -0.01	15.64 -0.57 -0.07	17.16 -0.79 0.00	17.93 -0.61 0.00	18.04 -0.75 0.00	18.46 -0.89 0.00	19.06 -0.83 0.00	20.05 -0.79 0.00	20.57 -0.53 0.00	21.64 -0.49 0.00	24.61 -0.94 -0.18	27.47 -1.11 -0.12	27.32 -1.08 -0.07	26.24 -1.00 -0.18	24.66 -0.84 -0.03	21.50 -0.11 0.00	20.35 -0.52 0.00	20.85 -0.08 0.00
OAK ORCHARD____HYD 24046	21.99 0.00 -0.34	17.40 0.00 -0.46	15.31 0.01 -0.48	15.36 0.03 -0.42	15.39 0.11 -0.23	15.17 0.10 -0.40	16.21 -0.33 -0.01	15.90 -0.29 -0.06	17.54 -0.41 0.00	18.25 -0.30 0.00	18.46 -0.34 0.00	18.91 -0.44 0.00	19.49 -0.40 0.00	20.49 -0.35 0.00	20.93 -0.17 0.00	22.00 -0.13 0.00	25.34 -0.18 -0.15	28.33 -0.23 -0.10	28.16 -0.23 -0.06	27.02 -0.19 -0.15	25.27 -0.23 -0.02	21.72 0.11 0.00	20.70 -0.17 0.00	20.99 0.06 0.00
OAKDALE__35_KV_LOAD 356122	22.62 0.11 -0.87	18.18 0.08 -1.16	16.12 0.10 -1.20	16.08 0.10 -1.07	15.75 0.12 -0.57	15.80 0.13 -1.00	16.63 0.08 -0.02	16.29 0.02 -0.14	18.02 0.07 0.00	18.68 0.13 0.00	18.89 0.09 0.00	19.43 0.08 0.00	19.99 0.10 0.00	20.97 0.13 0.00	21.40 0.30 0.00	22.46 0.33 0.00	25.90 0.15 -0.38	28.90 0.20 -0.25	28.65 0.17 -0.15	27.60 0.16 -0.37	25.74 0.20 -0.05	22.02 0.41 0.00	21.08 0.21 0.00	21.16 0.23 0.00
OCC_CHEM____DRP 24175	21.30 -0.78 -0.43	16.96 -0.56 -0.57	14.96 -0.44 -0.59	15.05 -0.39 -0.53	15.05 -0.29 -0.28	14.94 -0.22 -0.50	15.70 -0.84 -0.01	15.38 -0.82 -0.07	16.82 -1.13 0.00	17.58 -0.96 0.00	17.68 -1.11 0.00	18.09 -1.26 0.00	18.68 -1.21 0.00	19.59 -1.25 0.00	20.15 -0.95 0.00	21.18 -0.95 0.00	24.16 -1.40 -0.19	26.93 -1.65 -0.12	26.76 -1.64 -0.07	25.70 -1.54 -0.18	24.15 -1.35 -0.03	21.05 -0.56 0.00	19.89 -0.98 0.00	20.28 -0.65 0.00
OH_GEN_PROXY 24063	21.38 -0.69 -0.42	17.00 -0.51 -0.56	15.00 -0.40 -0.59	15.07 -0.36 -0.52	15.08 -0.26 -0.28	14.94 -0.22 -0.49	15.81 -0.73 -0.01	15.51 -0.69 -0.07	17.04 -0.91 0.00	17.80 -0.74 0.00	17.93 -0.86 0.00	18.34 -1.01 0.00	18.94 -0.95 0.00	19.91 -0.94 0.00	20.42 -0.68 0.00	21.47 -0.66 0.00	24.46 -1.09 -0.18	27.30 -1.28 -0.12	27.13 -1.27 -0.07	26.03 -1.22 -0.18	24.44 -1.07 -0.03	21.31 -0.30 0.00	20.18 -0.69 0.00	20.66 -0.27 0.00
OLIN_CORP_DRP 24177	21.23 -0.84 -0.43	16.89 -0.63 -0.58	14.91 -0.50 -0.60	14.98 -0.46 -0.53	15.00 -0.35 -0.29	14.86 -0.31 -0.50	15.71 -0.83 -0.01	15.43 -0.77 -0.07	16.91 -1.04 0.00	17.67 -0.87 0.00	17.78 -1.01 0.00	18.19 -1.16 0.00	18.78 -1.11 0.00	19.70 -1.15 0.00	20.26 -0.84 0.00	21.31 -0.82 0.00	24.23 -1.32 -0.19	27.04 -1.54 -0.12	26.87 -1.53 -0.07	25.84 -1.41 -0.18	24.28 -1.22 -0.03	21.15 -0.45 0.00	20.02 -0.86 0.00	20.37 -0.57 0.00
OLIN_CORP_DSASP 323712	21.30 -0.78 -0.43	16.97 -0.54 -0.57	14.96 -0.44 -0.59	15.05 -0.39 -0.53	15.05 -0.29 -0.28	14.95 -0.22 -0.50	15.70 -0.84 -0.01	15.33 -0.87 -0.07	16.82 -1.13 0.00	17.58 -0.97 0.00	17.68 -1.11 0.00	18.09 -1.26 0.00	18.68 -1.21 0.00	19.64 -1.21 0.00	20.15 -0.95 0.00	21.18 -0.95 0.00	24.16 -1.40 -0.19	26.93 -1.65 -0.12	26.76 -1.64 -0.07	25.71 -1.54 -0.18	24.13 -1.38 -0.03	21.05 -0.56 0.00	19.91 -0.96 0.00	20.43 -0.50 0.00
ONEIDA_HERK_LFGE 323681	21.99 0.24 -0.10	17.25 0.17 -0.14	15.07 0.12 -0.14	15.15 0.12 -0.12	15.23 0.11 -0.07	14.93 0.15 -0.12	16.68 0.15 0.00	16.25 0.10 -0.02	18.06 0.11 0.00	18.62 0.07 0.00	18.87 0.08 0.00	19.47 0.12 0.00	19.97 0.08 0.00	20.95 0.10 0.00	21.18 0.08 0.00	22.29 0.16 0.00	25.54 0.13 -0.04	28.71 0.23 -0.03	28.66 0.31 -0.02	27.51 0.41 -0.04	25.89 0.41 -0.01	21.93 0.32 0.00	21.10 0.23 0.00	21.14 0.21 0.00

ONEIDA___115KV_TB4 55905	22.30 0.48 -0.17	17.53 0.36 -0.23	15.35 0.30 -0.24	15.42 0.30 -0.21	15.46 0.29 -0.12	15.19 0.32 -0.20	16.83 0.30 0.00	16.40 0.24 -0.03	18.22 0.27 0.00	18.81 0.26 0.00	19.04 0.24 0.00	19.62 0.27 0.00	20.17 0.28 0.00	21.16 0.31 0.00	21.46 0.36 0.00	22.57 0.44 0.00	25.85 0.41 -0.08	29.05 0.54 -0.05	28.95 0.59 -0.03	27.82 0.68 -0.07	26.15 0.66 -0.01	22.19 0.58 0.00	21.31 0.44 0.00	21.35 0.42 0.00
ONONDAGA_REF_OCCRA 23987	21.96 0.00 -0.31	17.36 0.00 -0.41	15.24 0.00 -0.43	15.29 0.00 -0.38	15.28 0.02 -0.21	15.06 0.03 -0.36	16.46 -0.08 -0.01	16.10 -0.08 -0.05	17.84 -0.11 0.00	18.45 -0.09 0.00	18.66 -0.13 0.00	19.16 -0.19 0.00	19.71 -0.18 0.00	20.66 -0.19 0.00	21.02 -0.08 0.00	22.06 -0.07 0.00	25.37 -0.13 -0.14	28.37 -0.17 -0.09	28.24 -0.14 -0.05	27.06 -0.14 -0.13	25.40 -0.10 -0.02	21.63 0.02 0.00	20.77 -0.10 0.00	20.85 -0.08 0.00
ONONDAGA___COGEN 23986	22.00 0.06 -0.29	17.38 0.05 -0.39	15.27 0.06 -0.40	15.32 0.06 -0.36	15.31 0.06 -0.19	15.08 0.07 -0.34	16.51 -0.03 -0.01	16.15 -0.03 -0.05	17.90 -0.05 0.00	18.51 -0.04 0.00	18.72 -0.08 0.00	19.20 -0.15 0.00	19.75 -0.14 0.00	20.70 -0.15 0.00	21.06 -0.04 0.00	22.11 -0.02 0.00	25.42 -0.08 -0.13	28.45 -0.09 -0.08	28.32 -0.06 -0.05	27.11 -0.08 -0.12	25.45 -0.05 -0.02	21.65 0.04 0.00	20.81 -0.06 0.00	20.89 -0.04 0.00
ONTARIO___LFGE 23819	22.22 0.17 -0.40	17.62 0.13 -0.54	15.51 0.13 -0.56	15.54 0.13 -0.50	15.47 0.15 -0.27	15.33 0.19 -0.47	16.56 0.02 -0.01	16.23 0.03 -0.07	17.91 -0.04 0.00	18.60 0.06 0.00	18.76 -0.04 0.00	19.26 -0.10 0.00	19.85 -0.04 0.00	20.85 0.00 0.00	21.29 0.19 0.00	22.40 0.27 0.00	25.67 0.13 -0.18	28.80 0.23 -0.12	28.68 0.28 -0.07	27.48 0.24 -0.17	25.81 0.31 -0.03	22.13 0.52 0.00	21.10 0.23 0.00	21.29 0.36 0.00
ORANGEVILLE_WT_PWR 323706	21.81 -0.35 -0.51	17.39 -0.24 -0.68	15.36 -0.16 -0.71	15.39 -0.15 -0.63	15.35 -0.05 -0.34	15.26 0.00 -0.59	16.28 -0.27 -0.01	15.97 -0.24 -0.08	17.55 -0.39 0.00	18.32 -0.22 0.00	18.42 -0.38 0.00	18.89 -0.46 0.00	19.49 -0.40 0.00	20.49 -0.35 0.00	21.04 -0.06 0.00	22.11 -0.02 0.00	25.01 -0.58 -0.22	27.95 -0.65 -0.15	27.79 -0.62 -0.09	26.69 -0.60 -0.22	25.15 -0.36 -0.03	21.89 0.28 0.00	20.75 -0.12 0.00	21.14 0.21 0.00
ORANGEVILLE___ESR 323794	21.81 -0.35 -0.51	17.39 -0.24 -0.68	15.36 -0.16 -0.71	15.39 -0.15 -0.63	15.35 -0.05 -0.34	15.26 0.00 -0.59	16.28 -0.27 -0.01	15.97 -0.24 -0.08	17.55 -0.39 0.00	18.32 -0.22 0.00	18.42 -0.38 0.00	18.89 -0.46 0.00	19.49 -0.40 0.00	20.49 -0.35 0.00	21.04 -0.06 0.00	22.11 -0.02 0.00	25.01 -0.58 -0.22	27.95 -0.65 -0.15	27.79 -0.62 -0.09	26.69 -0.60 -0.22	25.15 -0.36 -0.03	21.89 0.28 0.00	20.75 -0.12 0.00	21.14 0.21 0.00
OSWEGATCHIE___HYD 24044	20.91 -0.82 -0.08	16.39 -0.66 -0.11	14.30 -0.62 -0.11	14.38 -0.63 -0.10	14.46 -0.65 -0.05	14.13 -0.63 -0.09	15.94 -0.59 0.00	15.53 -0.61 -0.01	17.25 -0.70 0.00	17.77 -0.78 0.00	18.02 -0.77 0.00	18.56 -0.79 0.00	18.96 -0.93 0.00	19.84 -1.00 0.00	20.00 -1.10 0.00	21.02 -1.11 0.00	24.13 -1.27 -0.04	27.17 -1.31 -0.02	27.18 -1.16 -0.01	26.10 -1.00 -0.03	24.57 -0.92 -0.01	20.79 -0.82 0.00	20.06 -0.81 0.00	20.03 -0.90 0.00
OSWEGO___5 23606	21.58 -0.28 -0.22	17.01 -0.22 -0.29	14.92 -0.19 -0.30	14.98 -0.19 -0.27	15.02 -0.18 -0.14	14.75 -0.18 -0.25	16.26 -0.28 0.00	15.89 -0.27 -0.04	17.61 -0.34 0.00	18.19 -0.35 0.00	18.42 -0.38 0.00	18.89 -0.46 0.00	19.41 -0.48 0.00	20.34 -0.50 0.00	20.66 -0.44 0.00	21.69 -0.44 0.00	24.93 -0.53 -0.10	27.92 -0.60 -0.06	27.77 -0.60 -0.04	26.59 -0.57 -0.09	24.96 -0.54 -0.01	21.24 -0.37 0.00	20.45 -0.42 0.00	20.62 -0.31 0.00
OSWEGO___6 23613	21.58 -0.28 -0.22	17.01 -0.22 -0.29	14.92 -0.19 -0.30	14.98 -0.19 -0.27	15.02 -0.18 -0.14	14.75 -0.18 -0.25	16.26 -0.28 0.00	15.89 -0.27 -0.04	17.61 -0.34 0.00	18.19 -0.35 0.00	18.42 -0.38 0.00	18.89 -0.46 0.00	19.41 -0.48 0.00	20.34 -0.50 0.00	20.66 -0.44 0.00	21.69 -0.44 0.00	24.93 -0.53 -0.10	27.92 -0.60 -0.06	27.77 -0.60 -0.04	26.59 -0.57 -0.09	24.96 -0.54 -0.01	21.24 -0.37 0.00	20.45 -0.42 0.00	20.62 -0.31 0.00
OUTOKUMPU-AB___DRP 24206	21.71 -0.37 -0.44	17.27 -0.25 -0.58	15.22 -0.19 -0.60	15.29 -0.15 -0.54	15.31 -0.03 -0.29	15.20 0.03 -0.50	16.11 -0.43 -0.01	15.74 -0.47 -0.07	17.32 -0.63 0.00	18.10 -0.45 0.00	18.19 -0.60 0.00	18.62 -0.74 0.00	19.23 -0.66 0.00	20.18 -0.67 0.00	20.76 -0.34 0.00	21.84 -0.29 0.00	24.77 -0.79 -0.19	27.61 -0.97 -0.12	27.50 -0.91 -0.07	26.38 -0.87 -0.19	24.84 -0.66 -0.03	21.67 0.06 0.00	20.48 -0.40 0.00	20.85 -0.08 0.00
OXBOW___ 24026	21.56 -0.52 -0.43	17.16 -0.36 -0.58	15.13 -0.28 -0.60	15.20 -0.24 -0.53	15.22 -0.12 -0.29	15.11 -0.06 -0.50	15.95 -0.59 -0.01	15.59 -0.61 -0.07	17.12 -0.83 0.00	17.90 -0.65 0.00	17.99 -0.81 0.00	18.40 -0.95 0.00	19.02 -0.87 0.00	19.99 -0.86 0.00	20.51 -0.59 0.00	21.58 -0.55 0.00	24.54 -1.02 -0.19	27.36 -1.22 -0.12	27.21 -1.19 -0.07	26.14 -1.11 -0.18	24.56 -0.94 -0.03	21.41 -0.19 0.00	20.27 -0.61 0.00	20.78 -0.15 0.00
OXY_CHEM_DSASP 323612	21.30 -0.78 -0.43	16.96 -0.56 -0.57	14.96 -0.44 -0.59	15.05 -0.39 -0.53	15.05 -0.29 -0.28	14.94 -0.22 -0.50	15.70 -0.84 -0.01	15.38 -0.82 -0.07	16.82 -1.13 0.00	17.58 -0.96 0.00	17.68 -1.11 0.00	18.09 -1.26 0.00	18.68 -1.21 0.00	19.59 -1.25 0.00	20.15 -0.95 0.00	21.18 -0.95 0.00	24.16 -1.40 -0.19	26.93 -1.65 -0.12	26.76 -1.64 -0.07	25.70 -1.54 -0.18	24.15 -1.35 -0.03	21.05 -0.56 0.00	19.89 -0.98 0.00	20.28 -0.65 0.00
OZONE_PARK_ESR 323760	26.36 1.75 -2.96	22.21 1.30 -3.96	20.09 1.17 -4.11	19.68 1.12 -3.65	18.11 1.08 -1.97	19.15 1.04 -3.43	17.71 1.12 -0.05	17.84 1.23 -0.48	19.40 1.45 0.00	20.14 1.59 0.00	20.45 1.65 0.00	21.25 1.90 0.00	21.92 2.03 0.00	22.99 2.15 0.00	23.34 2.24 0.00	24.48 2.35 0.00	29.40 2.74 -1.29	32.26 2.96 -0.85	31.58 2.75 -0.51	30.93 2.60 -1.27	28.08 2.42 -0.18	23.60 1.99 0.00	22.88 2.00 0.00	22.79 1.86 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.30 -0.78 -0.43	16.96 -0.56 -0.57	14.96 -0.44 -0.59	15.05 -0.39 -0.53	15.05 -0.29 -0.28	14.94 -0.22 -0.50	15.70 -0.84 -0.01	15.38 -0.82 -0.07	16.82 -1.13 0.00	17.58 -0.96 0.00	17.68 -1.11 0.00	18.09 -1.26 0.00	18.68 -1.21 0.00	19.59 -1.25 0.00	20.15 -0.95 0.00	21.18 -0.95 0.00	24.16 -1.40 -0.19	26.93 -1.65 -0.12	26.76 -1.64 -0.07	25.70 -1.54 -0.18	24.15 -1.35 -0.03	21.05 -0.56 0.00	19.89 -0.98 0.00	20.28 -0.65 0.00
PACKARD___115KV_DUPONT_184 80571	21.30 -0.78 -0.43	16.96 -0.56 -0.57	14.96 -0.44 -0.59	15.05 -0.39 -0.53	15.05 -0.29 -0.28	14.94 -0.22 -0.50	15.70 -0.84 -0.01	15.38 -0.82 -0.07	16.82 -1.13 0.00	17.58 -0.96 0.00	17.68 -1.11 0.00	18.09 -1.26 0.00	18.68 -1.21 0.00	19.59 -1.25 0.00	20.15 -0.95 0.00	21.18 -0.95 0.00	24.16 -1.40 -0.19	26.93 -1.65 -0.12	26.76 -1.64 -0.07	25.70 -1.54 -0.18	24.15 -1.35 -0.03	21.05 -0.56 0.00	19.89 -0.98 0.00	20.28 -0.65 0.00

PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	26.33 1.71 -2.97	22.15 1.24 -3.97	20.06 1.13 -4.12	19.63 1.06 -3.66	18.07 1.04 -1.97	19.04 0.94 -3.43	17.50 0.91 -0.05	17.63 1.02 -0.48	19.12 1.17 0.00	19.84 1.30 0.00	20.18 1.39 0.00	21.04 1.68 0.00	21.72 1.83 0.00	22.80 1.96 0.00	23.08 1.98 0.00	24.21 2.08 0.00	29.12 2.46 -1.29	31.92 2.62 -0.85	31.10 2.27 -0.51	30.47 2.14 -1.27	27.68 2.01 -0.18	23.25 1.64 0.00	22.69 1.82 0.00	22.73 1.80 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	26.56 1.95 -2.97	22.33 1.42 -3.97	20.22 1.29 -4.12	19.79 1.22 -3.66	18.14 1.11 -1.97	19.19 1.09 -3.43	17.63 1.04 -0.05	17.79 1.18 -0.48	19.26 1.31 0.00	20.01 1.47 0.00	20.37 1.58 0.00	21.21 1.86 0.00	21.92 2.03 0.00	23.01 2.17 0.00	23.29 2.19 0.00	24.41 2.28 0.00	29.37 2.71 -1.29	32.21 2.90 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.90 2.24 -0.18	23.45 1.84 0.00	22.90 2.02 0.00	22.94 2.01 0.00
PATROON__115KV_TB1 80586	26.14 0.65 -3.84	22.58 0.51 -5.13	20.57 0.43 -5.33	20.08 0.43 -4.74	18.04 0.44 -2.55	19.56 0.44 -4.45	17.12 0.51 -0.07	17.26 0.50 -0.63	18.52 0.57 0.00	19.12 0.57 0.00	19.38 0.58 0.00	20.05 0.70 0.00	20.65 0.76 0.00	21.64 0.79 0.00	21.97 0.87 0.00	22.99 0.86 0.00	28.11 1.07 -1.68	30.78 1.22 -1.10	30.20 1.22 -0.66	29.87 1.16 -1.64	26.81 1.10 -0.24	22.43 0.82 0.00	21.62 0.75 0.00	21.60 0.67 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.34 -0.78 -0.47	16.97 -0.61 -0.63	15.00 -0.47 -0.66	15.03 -0.46 -0.59	15.02 -0.35 -0.32	14.93 -0.29 -0.55	16.31 -0.23 -0.01	15.52 -0.69 -0.08	17.61 -0.34 0.00	18.42 -0.13 0.00	18.49 -0.30 0.00	18.97 -0.39 0.00	19.59 -0.30 0.00	20.55 -0.29 0.00	21.18 0.08 0.00	22.26 0.13 0.00	24.56 -1.01 -0.21	27.43 -1.17 -0.14	27.28 -1.13 -0.08	26.16 -1.11 -0.20	24.77 -0.74 -0.03	22.04 0.43 0.00	20.81 -0.06 0.00	21.10 0.17 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	26.21 1.56 -3.00	22.13 1.17 -4.02	20.02 1.04 -4.17	19.61 1.00 -3.71	18.00 0.95 -2.00	19.06 0.91 -3.48	17.58 0.99 -0.05	17.64 1.02 -0.49	19.17 1.22 0.00	19.86 1.32 0.00	20.15 1.35 0.00	20.90 1.55 0.00	21.58 1.69 0.00	22.68 1.83 0.00	23.06 1.96 0.00	24.14 2.01 0.00	29.04 2.36 -1.31	31.99 2.67 -0.86	31.48 2.63 -0.52	30.84 2.49 -1.29	27.83 2.17 -0.19	23.36 1.75 0.00	22.50 1.63 0.00	22.44 1.51 0.00
PEEKSKILL____ 23653	25.93 1.36 -2.92	21.88 1.03 -3.90	19.82 0.95 -4.05	19.40 0.89 -3.60	17.87 0.87 -1.94	18.89 0.84 -3.39	17.49 0.91 -0.05	17.54 0.94 -0.48	19.10 1.15 0.00	19.79 1.24 0.00	20.07 1.28 0.00	20.82 1.47 0.00	21.48 1.59 0.00	22.60 1.75 0.00	22.91 1.81 0.00	23.99 1.86 0.00	28.82 2.18 -1.27	31.68 2.39 -0.84	31.10 2.27 -0.50	30.45 2.14 -1.25	27.62 1.96 -0.18	23.21 1.60 0.00	22.42 1.54 0.00	22.40 1.46 0.00
PGE MADISON__WINDPWR 24146	23.98 1.51 -0.81	19.20 1.17 -1.09	16.94 0.99 -1.13	16.92 1.01 -1.00	16.63 1.04 -0.54	16.70 1.09 -0.94	17.69 1.14 -0.01	17.30 1.03 -0.13	19.01 1.06 0.00	19.60 1.06 0.00	19.75 0.96 0.00	20.42 1.06 0.00	20.94 1.05 0.00	22.03 1.19 0.00	22.32 1.22 0.00	23.59 1.46 0.00	27.17 1.45 -0.36	30.57 1.88 -0.23	30.56 2.10 -0.14	29.63 2.22 -0.35	27.74 2.22 -0.05	23.55 1.95 0.00	22.48 1.61 0.00	22.52 1.59 0.00
PIERCEFIELD__HYD 23852	20.56 -1.08 0.00	16.11 -0.83 0.00	14.03 -0.79 0.00	14.12 -0.79 0.00	14.17 -0.89 0.00	13.83 -0.84 0.00	15.84 -0.69 0.00	15.47 -0.66 0.00	17.20 -0.75 0.00	17.73 -0.82 0.00	18.02 -0.77 0.00	18.56 -0.79 0.00	18.86 -1.03 0.00	19.78 -1.06 0.00	19.83 -1.27 0.00	20.82 -1.31 0.00	23.89 -1.47 0.00	26.86 -1.59 0.00	26.83 -1.50 0.00	25.68 -1.38 0.00	24.18 -1.30 0.00	20.46 -1.15 0.00	19.83 -1.04 0.00	19.90 -1.03 0.00
PINELAWN_CC_1 323563	26.84 2.21 -2.98	22.77 1.66 -4.17	23.63 1.50 -7.32	20.97 1.46 -4.60	18.54 1.51 -1.98	20.16 1.39 -4.10	18.15 1.55 -0.06	18.19 1.56 -0.49	19.76 1.79 -0.02	21.97 1.91 -1.51	22.90 1.92 -2.19	24.96 2.13 -3.48	26.60 2.27 -4.44	26.49 2.42 -3.23	26.65 2.49 -3.06	29.95 2.61 -5.21	54.00 3.04 -25.59	52.47 3.38 -20.62	57.74 3.26 -26.15	42.57 3.06 -12.45	40.14 2.88 -11.79	28.26 2.38 -4.28	27.18 2.32 -4.00	26.24 2.26 -3.05
PJM_GEN_HTP_PROXY 323702	26.15 1.54 -2.96	22.05 1.15 -3.96	19.97 1.05 -4.11	19.54 0.98 -3.65	17.97 0.95 -1.97	19.03 0.92 -3.43	17.60 1.01 -0.05	17.70 1.08 -0.48	19.26 1.31 0.00	19.97 1.43 0.00	20.26 1.47 0.00	21.07 1.72 0.00	21.74 1.85 0.00	22.85 2.00 0.00	23.15 2.05 0.00	24.28 2.15 0.00	29.15 2.49 -1.29	31.98 2.67 -0.85	31.30 2.46 -0.51	30.66 2.33 -1.27	27.85 2.19 -0.18	23.38 1.77 0.00	22.65 1.77 0.00	22.61 1.68 0.00
PJM_GEN_KEystone 24065	23.72 0.28 -1.79	19.55 0.22 -2.39	17.55 0.25 -2.48	17.32 0.21 -2.20	16.48 0.24 -1.19	16.99 0.25 -2.07	16.75 0.18 -0.03	16.65 0.23 -0.29	18.22 0.27 0.00	18.94 0.39 0.00	19.15 0.36 0.00	19.78 0.43 0.00	20.39 0.50 0.00	21.45 0.60 0.00	21.88 0.78 0.00	22.95 0.82 0.00	26.78 0.63 -0.78	29.65 0.68 -0.51	29.23 0.60 -0.31	28.34 0.51 -0.77	26.20 0.61 -0.11	22.39 0.78 0.00	21.44 0.56 0.00	21.58 0.65 0.00
PJM_GEN_NEPTUNE_PROXY 323594	26.44 1.82 -2.98	22.50 1.39 -4.16	23.38 1.24 -7.32	20.70 1.19 -4.60	18.26 1.22 -1.98	19.91 1.14 -4.10	17.87 1.27 -0.06	17.93 1.31 -0.49	19.49 1.52 -0.02	21.67 1.61 -1.51	22.60 1.62 -2.19	24.64 1.82 -3.47	25.56 1.93 -3.74	26.16 2.08 -3.23	26.29 2.13 -3.06	28.83 2.23 -4.46	53.54 2.59 -25.59	51.92 2.85 -20.62	57.17 2.69 -26.15	42.05 2.54 -12.44	39.63 2.37 -11.78	26.84 1.95 -3.28	26.81 1.94 -3.99	25.86 1.88 -3.05
PJM_GEN_VFT_PROXY 323633	26.08 1.47 -2.96	21.99 1.09 -3.96	19.92 0.99 -4.11	19.50 0.94 -3.65	17.91 0.89 -1.97	18.97 0.87 -3.43	17.53 0.94 -0.05	17.65 1.03 -0.48	19.21 1.26 0.00	19.92 1.37 0.00	20.22 1.43 0.00	21.02 1.66 0.00	21.68 1.79 0.00	22.80 1.96 0.00	23.11 2.01 0.00	24.23 2.10 0.00	29.07 2.41 -1.29	31.84 2.53 -0.85	31.16 2.32 -0.51	30.52 2.19 -1.27	27.78 2.11 -0.18	23.34 1.73 0.00	22.60 1.73 0.00	22.54 1.61 0.00
PLATSBRG_115KV_PMLD1 355749	21.52 -0.13 0.00	16.86 -0.08 0.00	14.68 -0.13 0.00	14.77 -0.13 0.00	14.90 -0.15 0.00	14.49 -0.18 0.00	16.47 -0.07 0.00	16.12 -0.02 0.00	17.91 -0.04 0.00	18.47 -0.07 0.00	18.79 0.00 0.00	19.33 -0.02 0.00	19.77 -0.12 0.00	20.76 -0.08 0.00	20.87 -0.23 0.00	21.87 -0.27 0.00	25.09 -0.28 0.00	28.20 -0.26 0.00	28.13 -0.20 0.00	26.87 -0.19 0.00	25.30 -0.18 0.00	21.48 -0.13 0.00	20.79 -0.08 0.00	20.89 -0.04 0.00
PLEASANTVLY__LBMP 24000	25.98 1.21 -3.12	22.05 0.93 -4.18	20.00 0.84 -4.34	19.57 0.80 -3.85	17.93 0.80 -2.08	19.06 0.76 -3.62	17.43 0.84 -0.06	17.51 0.87 -0.51	18.97 1.02 0.00	19.64 1.09 0.00	19.92 1.13 0.00	20.65 1.30 0.00	21.28 1.39 0.00	22.30 1.46 0.00	22.66 1.56 0.00	23.75 1.62 0.00	28.61 1.88 -1.36	31.43 2.08 -0.89	30.85 1.98 -0.54	30.27 1.87 -1.34	27.41 1.73 -0.19	23.01 1.40 0.00	22.23 1.36 0.00	22.19 1.26 0.00

PLSNTVLE_13_KV_13.8KVDIST 80602	26.07 1.43 -2.99	22.02 1.08 -4.00	19.96 0.99 -4.15	19.53 0.94 -3.69	17.96 0.92 -1.99	19.02 0.88 -3.47	17.55 0.96 -0.05	17.64 1.02 -0.49	19.17 1.22 0.00	19.84 1.30 0.00	20.15 1.35 0.00	20.90 1.55 0.00	21.56 1.67 0.00	22.60 1.75 0.00	22.98 1.88 0.00	24.06 1.93 0.00	28.93 2.26 -1.30	31.79 2.48 -0.85	31.19 2.35 -0.51	30.56 2.22 -1.28	27.73 2.06 -0.19	23.27 1.66 0.00	22.50 1.63 0.00	22.44 1.51 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	26.07 1.43 -2.99	22.02 1.08 -4.00	19.96 0.99 -4.15	19.53 0.94 -3.69	17.96 0.92 -1.99	19.02 0.88 -3.47	17.55 0.96 -0.05	17.64 1.02 -0.49	19.17 1.22 0.00	19.84 1.30 0.00	20.15 1.35 0.00	20.90 1.55 0.00	21.56 1.67 0.00	22.60 1.75 0.00	22.98 1.88 0.00	24.06 1.93 0.00	28.93 2.26 -1.30	31.79 2.48 -0.85	31.19 2.35 -0.51	30.56 2.22 -1.28	27.73 2.06 -0.19	23.27 1.66 0.00	22.50 1.63 0.00	22.44 1.51 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	26.08 1.39 -3.05	22.09 1.07 -4.07	19.98 0.93 -4.23	19.58 0.91 -3.76	17.95 0.87 -2.02	19.04 0.84 -3.54	17.50 0.91 -0.06	17.55 0.92 -0.50	19.04 1.09 0.00	19.71 1.17 0.00	19.98 1.18 0.00	20.73 1.37 0.00	21.36 1.47 0.00	22.39 1.54 0.00	22.77 1.67 0.00	23.86 1.73 0.00	28.73 2.03 -1.33	31.61 2.28 -0.87	31.06 2.21 -0.52	30.48 2.11 -1.31	27.63 1.96 -0.19	23.16 1.56 0.00	22.37 1.50 0.00	22.31 1.38 0.00
POLETTI____ 23519	26.14 1.54 -2.96	22.04 1.14 -3.96	19.96 1.04 -4.11	19.54 0.98 -3.65	17.96 0.93 -1.97	19.01 0.91 -3.43	17.58 0.99 -0.05	17.70 1.08 -0.48	19.24 1.29 0.00	19.96 1.41 0.00	20.26 1.47 0.00	21.06 1.70 0.00	21.72 1.83 0.00	22.76 1.92 0.00	23.10 2.00 0.00	24.23 2.10 0.00	29.12 2.46 -1.29	31.92 2.62 -0.85	31.27 2.44 -0.51	30.61 2.27 -1.27	27.80 2.14 -0.18	23.36 1.75 0.00	22.65 1.77 0.00	22.54 1.61 0.00
POMONA____ESR 323819	25.84 1.36 -2.82	21.75 1.03 -3.77	19.68 0.95 -3.92	19.28 0.89 -3.48	17.79 0.86 -1.88	18.78 0.84 -3.27	17.49 0.91 -0.05	17.53 0.94 -0.46	19.08 1.13 0.00	19.79 1.24 0.00	20.07 1.28 0.00	20.82 1.47 0.00	21.48 1.59 0.00	22.57 1.73 0.00	22.91 1.81 0.00	24.01 1.88 0.00	28.78 2.18 -1.23	31.68 2.42 -0.81	31.08 2.27 -0.48	30.41 2.14 -1.21	27.62 1.96 -0.18	23.21 1.60 0.00	22.42 1.54 0.00	22.40 1.46 0.00
PORT_JEFF_3 23555	26.99 2.36 -2.98	22.89 1.78 -4.17	23.78 1.64 -7.32	21.09 1.58 -4.60	18.68 1.64 -1.98	20.29 1.53 -4.10	18.28 1.69 -0.06	18.33 1.71 -0.49	19.94 1.97 -0.02	22.12 2.06 -1.51	23.07 2.09 -2.19	25.15 2.32 -3.48	35.84 2.49 -13.46	26.66 2.58 -3.23	26.83 2.66 -3.07	37.64 2.74 -12.77	54.08 3.12 -25.59	52.47 3.38 -20.63	57.71 3.23 -26.16	42.60 3.08 -12.45	40.17 2.90 -11.79	38.34 2.46 -14.27	27.34 2.46 -4.00	26.39 2.41 -3.05
PORT_JEFF_4 23616	26.99 2.36 -2.98	22.89 1.78 -4.17	23.78 1.64 -7.32	21.09 1.58 -4.60	18.68 1.64 -1.98	20.29 1.53 -4.10	18.28 1.69 -0.06	18.33 1.71 -0.49	19.94 1.97 -0.02	22.12 2.06 -1.51	23.07 2.09 -2.19	25.15 2.32 -3.48	35.84 2.49 -13.46	26.66 2.58 -3.23	26.83 2.66 -3.07	37.64 2.74 -12.77	54.08 3.12 -25.59	52.47 3.38 -20.63	57.71 3.23 -26.16	42.60 3.08 -12.45	40.17 2.90 -11.79	38.34 2.46 -14.27	27.34 2.46 -4.00	26.39 2.41 -3.05
PORT_JEFF_IC 23713	27.05 2.42 -2.98	22.92 1.81 -4.17	23.81 1.67 -7.32	21.13 1.63 -4.60	18.72 1.69 -1.98	20.34 1.57 -4.10	18.31 1.72 -0.06	18.37 1.74 -0.49	19.98 2.01 -0.02	22.17 2.11 -1.51	23.12 2.14 -2.19	25.21 2.38 -3.48	35.97 2.57 -13.51	26.75 2.67 -3.23	26.91 2.74 -3.07	39.04 2.86 -14.06	54.23 3.27 -25.59	52.53 3.44 -20.63	57.77 3.28 -26.16	42.68 3.16 -12.45	40.25 2.98 -11.79	40.13 2.55 -15.98	27.40 2.52 -4.00	26.45 2.47 -3.05
PPL PILGRIM_ST_GT1 24216	27.01 2.38 -2.98	22.90 1.80 -4.17	23.76 1.63 -7.32	21.09 1.58 -4.60	18.66 1.63 -1.98	20.28 1.51 -4.10	18.28 1.69 -0.06	18.32 1.69 -0.49	19.91 1.94 -0.02	22.10 2.04 -1.51	23.05 2.07 -2.19	25.13 2.30 -3.48	28.35 2.47 -5.99	26.66 2.58 -3.23	26.82 2.66 -3.06	31.26 2.79 -6.34	54.21 3.25 -25.59	52.61 3.53 -20.63	57.85 3.37 -26.15	42.68 3.16 -12.45	40.25 2.98 -11.79	29.91 2.53 -5.77	27.31 2.44 -4.00	26.39 2.41 -3.05
PPL PILGRIM_ST_GT2 24217	27.01 2.38 -2.98	22.90 1.80 -4.17	23.76 1.63 -7.32	21.09 1.58 -4.60	18.66 1.63 -1.98	20.28 1.51 -4.10	18.28 1.69 -0.06	18.32 1.69 -0.49	19.91 1.94 -0.02	22.10 2.04 -1.51	23.05 2.07 -2.19	25.13 2.30 -3.48	28.35 2.47 -5.99	26.66 2.58 -3.23	26.82 2.66 -3.06	31.26 2.79 -6.34	54.21 3.25 -25.59	52.61 3.53 -20.63	57.85 3.37 -26.15	42.68 3.16 -12.45	40.25 2.98 -11.79	29.91 2.53 -5.77	27.31 2.44 -4.00	26.39 2.41 -3.05
PPL_SHRM_GT3 24213	27.29 2.66 -2.98	23.09 1.98 -4.17	23.95 1.82 -7.32	21.28 1.77 -4.60	18.86 1.82 -1.98	20.48 1.72 -4.10	18.48 1.88 -0.06	18.53 1.90 -0.49	20.16 2.19 -0.02	22.34 2.28 -1.51	23.29 2.31 -2.19	25.39 2.55 -3.48	35.96 2.75 -13.33	26.93 2.86 -3.23	27.10 2.93 -3.07	38.19 3.12 -12.94	54.59 3.63 -25.59	53.19 4.10 -20.63	58.45 3.97 -26.16	43.22 3.71 -12.45	40.74 3.46 -11.79	38.99 2.87 -14.50	27.63 2.75 -4.00	26.66 2.68 -3.05
PPL_SHRM_GT4 24214	27.29 2.66 -2.98	23.09 1.98 -4.17	23.95 1.82 -7.32	21.28 1.77 -4.60	18.86 1.82 -1.98	20.48 1.72 -4.10	18.48 1.88 -0.06	18.53 1.90 -0.49	20.16 2.19 -0.02	22.34 2.28 -1.51	23.29 2.31 -2.19	25.39 2.55 -3.48	35.96 2.75 -13.33	26.93 2.86 -3.23	27.10 2.93 -3.07	38.19 3.12 -12.94	54.59 3.63 -25.59	53.19 4.10 -20.63	58.45 3.97 -26.16	43.22 3.71 -12.45	40.74 3.46 -11.79	38.99 2.87 -14.50	27.63 2.75 -4.00	26.66 2.68 -3.05
PROJECT____ORANGE 1 24174	21.86 -0.04 -0.26	17.25 -0.03 -0.34	15.15 -0.01 -0.36	15.21 -0.01 -0.32	15.21 -0.02 -0.17	14.97 0.00 -0.30	16.42 -0.12 0.00	16.06 -0.11 -0.04	17.79 -0.16 0.00	18.40 -0.15 0.00	18.62 -0.17 0.00	19.10 -0.25 0.00	19.65 -0.24 0.00	20.59 -0.25 0.00	20.95 -0.15 0.00	22.00 -0.13 0.00	25.25 -0.23 -0.11	28.25 -0.28 -0.07	28.12 -0.25 -0.04	26.90 -0.27 -0.11	25.29 -0.20 -0.02	21.52 -0.09 0.00	20.68 -0.19 0.00	20.78 -0.15 0.00
PROJECT____ORANGE 2 24166	21.86 -0.04 -0.26	17.25 -0.03 -0.34	15.15 -0.01 -0.36	15.21 -0.01 -0.32	15.21 -0.02 -0.17	14.97 0.00 -0.30	16.42 -0.12 0.00	16.06 -0.11 -0.04	17.79 -0.16 0.00	18.40 -0.15 0.00	18.62 -0.17 0.00	19.10 -0.25 0.00	19.65 -0.24 0.00	20.59 -0.25 0.00	20.95 -0.15 0.00	22.00 -0.13 0.00	25.25 -0.23 -0.11	28.25 -0.28 -0.07	28.12 -0.25 -0.04	26.90 -0.27 -0.11	25.29 -0.20 -0.02	21.52 -0.09 0.00	20.68 -0.19 0.00	20.78 -0.15 0.00
PUCKETT____SOLAR 323809	22.99 0.46 -0.88	18.48 0.36 -1.18	16.37 0.33 -1.23	16.33 0.33 -1.09	15.99 0.35 -0.59	16.06 0.37 -1.03	16.88 0.33 -0.02	16.58 0.31 -0.14	18.24 0.29 0.00	18.86 0.31 0.00	19.02 0.23 0.00	19.59 0.23 0.00	20.13 0.24 0.00	21.16 0.31 0.00	21.50 0.40 0.00	22.64 0.51 0.00	26.13 0.38 -0.39	29.25 0.54 -0.25	29.13 0.65 -0.15	28.12 0.68 -0.38	26.27 0.74 -0.06	22.41 0.80 0.00	21.46 0.58 0.00	21.56 0.63 0.00

PYRITES___HYD 24023	21.04 -0.61 0.00	16.47 -0.47 0.00	14.34 -0.47 0.00	14.41 -0.49 0.00	14.45 -0.60 0.00	14.16 -0.51 0.00	16.19 -0.35 0.00	15.79 -0.34 0.00	17.56 -0.39 0.00	18.08 -0.46 0.00	18.40 -0.39 0.00	18.97 -0.39 0.00	19.27 -0.62 0.00	20.22 -0.63 0.00	20.26 -0.84 0.00	21.27 -0.86 0.00	24.38 -0.99 0.00	27.43 -1.02 0.00	27.42 -0.91 0.00	26.31 -0.76 0.00	24.79 -0.69 0.00	20.96 -0.65 0.00	20.31 -0.56 0.00	20.34 -0.59 0.00
QUAKERRD_115KV_BK1 80622	21.48 -0.50 -0.33	17.00 -0.39 -0.44	14.93 -0.34 -0.46	15.00 -0.31 -0.41	14.99 -0.29 -0.22	14.79 -0.26 -0.38	15.86 -0.68 -0.01	15.67 -0.52 -0.05	17.20 -0.75 0.00	17.86 -0.69 0.00	18.06 -0.73 0.00	18.52 -0.83 0.00	19.08 -0.82 0.00	20.01 -0.83 0.00	20.42 -0.68 0.00	21.49 -0.64 0.00	24.77 -0.74 -0.14	27.70 -0.85 -0.09	27.53 -0.85 -0.06	26.39 -0.81 -0.14	24.73 -0.76 -0.02	21.13 -0.48 0.00	20.18 -0.69 0.00	20.34 -0.59 0.00
QUENSBRY_115KV_TB8 356137	26.63 1.04 -3.95	22.97 0.75 -5.28	20.95 0.65 -5.48	20.40 0.63 -4.87	18.40 0.72 -2.62	19.91 0.66 -4.58	17.25 0.64 -0.07	17.42 0.65 -0.64	18.72 0.77 0.00	19.33 0.78 0.00	19.60 0.81 0.00	20.26 0.91 0.00	20.85 0.95 0.00	21.85 1.00 0.00	22.15 1.05 0.00	23.22 1.08 0.00	28.48 1.40 -1.72	31.29 1.71 -1.13	30.82 1.81 -0.68	30.43 1.68 -1.69	27.41 1.68 -0.25	22.91 1.30 0.00	22.00 1.13 0.00	21.89 0.96 0.00
RAMAPO___LBMP 323565	25.74 1.28 -2.81	21.67 0.97 -3.76	19.60 0.89 -3.90	19.21 0.83 -3.47	17.72 0.80 -1.87	18.71 0.78 -3.26	17.43 0.84 -0.05	17.48 0.89 -0.46	19.03 1.08 0.00	19.71 1.17 0.00	20.00 1.20 0.00	20.75 1.39 0.00	21.38 1.49 0.00	22.43 1.58 0.00	22.83 1.73 0.00	23.90 1.77 0.00	28.65 2.05 -1.23	31.54 2.28 -0.80	30.93 2.12 -0.48	30.24 1.98 -1.20	27.49 1.83 -0.18	23.10 1.49 0.00	22.31 1.44 0.00	22.25 1.32 0.00
RANKINE____ 23646	21.68 -0.43 -0.46	17.24 -0.32 -0.62	15.22 -0.24 -0.64	15.27 -0.21 -0.57	15.29 -0.08 -0.31	15.16 -0.04 -0.54	16.24 -0.30 -0.01	15.76 -0.45 -0.08	17.52 -0.43 0.00	18.32 -0.22 0.00	18.40 -0.39 0.00	18.85 -0.50 0.00	19.47 -0.42 0.00	20.43 -0.42 0.00	21.02 -0.08 0.00	22.11 -0.02 0.00	24.86 -0.71 -0.20	27.74 -0.85 -0.13	27.59 -0.82 -0.08	26.48 -0.78 -0.20	24.95 -0.56 -0.03	21.91 0.30 0.00	20.70 -0.17 0.00	21.04 0.10 0.00
RAVENSWOOD_GT2_1 24244	26.19 1.58 -2.96	22.07 1.17 -3.96	19.97 1.05 -4.11	19.56 1.00 -3.65	17.99 0.96 -1.97	19.03 0.92 -3.43	17.60 1.01 -0.05	17.71 1.10 -0.48	19.24 1.29 0.00	19.96 1.41 0.00	20.26 1.47 0.00	21.06 1.70 0.00	21.72 1.83 0.00	22.78 1.94 0.00	23.13 2.03 0.00	24.26 2.12 0.00	29.12 2.46 -1.29	31.95 2.65 -0.85	31.30 2.46 -0.51	30.63 2.30 -1.27	27.83 2.17 -0.18	23.38 1.77 0.00	22.65 1.77 0.00	22.58 1.65 0.00
RAVENSWOOD_GT2_2 24245	26.19 1.58 -2.96	22.07 1.17 -3.96	19.97 1.05 -4.11	19.56 1.00 -3.65	17.99 0.96 -1.97	19.03 0.92 -3.43	17.60 1.01 -0.05	17.71 1.10 -0.48	19.24 1.29 0.00	19.96 1.41 0.00	20.26 1.47 0.00	21.06 1.70 0.00	21.72 1.83 0.00	22.78 1.94 0.00	23.13 2.03 0.00	24.26 2.12 0.00	29.12 2.46 -1.29	31.95 2.65 -0.85	31.30 2.46 -0.51	30.63 2.30 -1.27	27.83 2.17 -0.18	23.38 1.77 0.00	22.65 1.77 0.00	22.58 1.65 0.00
RAVENSWOOD_GT2_3 24246	26.19 1.58 -2.96	22.07 1.17 -3.96	19.99 1.07 -4.11	19.56 1.00 -3.65	17.99 0.96 -1.97	19.04 0.94 -3.43	17.60 1.01 -0.05	17.71 1.10 -0.48	19.26 1.31 0.00	19.97 1.43 0.00	20.28 1.48 0.00	21.07 1.72 0.00	21.74 1.85 0.00	22.80 1.96 0.00	23.15 2.05 0.00	24.26 2.12 0.00	29.14 2.49 -1.29	31.98 2.67 -0.85	31.30 2.46 -0.51	30.66 2.33 -1.27	27.85 2.19 -0.18	23.40 1.79 0.00	22.67 1.79 0.00	22.58 1.65 0.00
RAVENSWOOD_GT2_4 24247	26.19 1.58 -2.96	22.07 1.17 -3.96	19.99 1.07 -4.11	19.56 1.00 -3.65	17.99 0.96 -1.97	19.04 0.94 -3.43	17.60 1.01 -0.05	17.71 1.10 -0.48	19.26 1.31 0.00	19.97 1.43 0.00	20.28 1.48 0.00	21.07 1.72 0.00	21.74 1.85 0.00	22.80 1.96 0.00	23.15 2.05 0.00	24.26 2.12 0.00	29.14 2.49 -1.29	31.98 2.67 -0.85	31.30 2.46 -0.51	30.66 2.33 -1.27	27.85 2.19 -0.18	23.40 1.79 0.00	22.67 1.79 0.00	22.58 1.65 0.00
RAVENSWOOD_GT3_1 24248	26.19 1.58 -2.96	22.07 1.17 -3.96	19.97 1.05 -4.11	19.56 1.00 -3.65	17.99 0.96 -1.97	19.03 0.92 -3.43	17.60 1.01 -0.05	17.71 1.10 -0.48	19.24 1.29 0.00	19.97 1.43 0.00	20.26 1.47 0.00	21.06 1.70 0.00	21.72 1.83 0.00	22.78 1.94 0.00	23.13 2.03 0.00	24.26 2.12 0.00	29.12 2.46 -1.29	31.95 2.65 -0.85	31.30 2.46 -0.51	30.66 2.33 -1.27	27.83 2.17 -0.18	23.38 1.77 0.00	22.67 1.79 0.00	22.58 1.65 0.00
RAVENSWOOD_GT3_2 24249	26.19 1.58 -2.96	22.07 1.17 -3.96	19.97 1.05 -4.11	19.56 1.00 -3.65	17.99 0.96 -1.97	19.03 0.92 -3.43	17.60 1.01 -0.05	17.71 1.10 -0.48	19.24 1.29 0.00	19.97 1.43 0.00	20.26 1.47 0.00	21.06 1.70 0.00	21.72 1.83 0.00	22.78 1.94 0.00	23.13 2.03 0.00	24.26 2.12 0.00	29.12 2.46 -1.29	31.95 2.65 -0.85	31.30 2.46 -0.51	30.66 2.33 -1.27	27.83 2.17 -0.18	23.38 1.77 0.00	22.67 1.79 0.00	22.58 1.65 0.00
RAVENSWOOD_GT3_3 24250	26.21 1.60 -2.96	22.09 1.19 -3.96	20.00 1.08 -4.11	19.57 1.01 -3.65	18.00 0.98 -1.97	19.06 0.95 -3.43	17.61 1.03 -0.05	17.73 1.11 -0.48	19.28 1.33 0.00	19.99 1.45 0.00	20.30 1.50 0.00	21.09 1.74 0.00	21.76 1.87 0.00	22.83 1.98 0.00	23.17 2.07 0.00	24.28 2.15 0.00	29.17 2.51 -1.29	32.01 2.70 -0.85	31.36 2.52 -0.51	30.69 2.35 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.69 1.82 0.00	22.60 1.67 0.00
RAVENSWOOD_GT3_4 24251	26.21 1.60 -2.96	22.09 1.19 -3.96	20.00 1.08 -4.11	19.57 1.01 -3.65	18.00 0.98 -1.97	19.06 0.95 -3.43	17.61 1.03 -0.05	17.73 1.11 -0.48	19.28 1.33 0.00	19.99 1.45 0.00	20.30 1.50 0.00	21.09 1.74 0.00	21.76 1.87 0.00	22.83 1.98 0.00	23.17 2.07 0.00	24.28 2.15 0.00	29.17 2.51 -1.29	32.01 2.70 -0.85	31.36 2.52 -0.51	30.69 2.35 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.69 1.82 0.00	22.60 1.67 0.00
RAVENSWOOD_GT_1 23729	26.23 1.62 -2.96	22.09 1.19 -3.96	20.00 1.08 -4.11	19.57 1.01 -3.65	18.02 0.99 -1.97	19.03 0.92 -3.43	17.55 0.96 -0.05	17.68 1.06 -0.48	19.21 1.26 0.00	19.94 1.39 0.00	20.26 1.47 0.00	21.07 1.72 0.00	21.76 1.87 0.00	22.89 2.04 0.00	23.15 2.05 0.00	24.28 2.15 0.00	29.17 2.51 -1.29	31.98 2.67 -0.85	31.27 2.44 -0.51	30.63 2.30 -1.27	27.83 2.16 -0.18	23.38 1.77 0.00	22.71 1.84 0.00	22.71 1.78 0.00
RAVENSWOOD_GT_10 24258	26.19 1.58 -2.96	22.07 1.17 -3.96	19.97 1.05 -4.11	19.56 1.00 -3.65	17.99 0.96 -1.97	19.03 0.92 -3.43	17.60 1.01 -0.05	17.71 1.10 -0.48	19.26 1.31 0.00	19.97 1.43 0.00	20.26 1.47 0.00	21.06 1.70 0.00	21.72 1.83 0.00	22.78 1.94 0.00	23.13 2.03 0.00	24.26 2.12 0.00	29.12 2.46 -1.29	31.95 2.65 -0.85	31.30 2.46 -0.51	30.66 2.33 -1.27	27.83 2.17 -0.18	23.38 1.77 0.00	22.67 1.79 0.00	22.58 1.65 0.00

RAVENSWOOD_GT_11 24259	26.17 1.56 -2.96	22.05 1.15 -3.96	19.98 1.05 -4.11	19.56 1.00 -3.65	17.99 0.96 -1.97	19.03 0.92 -3.43	17.60 1.01 -0.05	17.70 1.08 -0.48	19.24 1.29 0.00	19.97 1.43 0.00	20.26 1.47 0.00	21.06 1.70 0.00	21.72 1.83 0.00	22.85 2.00 0.00	23.13 2.03 0.00	24.26 2.12 0.00	29.12 2.46 -1.29	31.95 2.65 -0.85	31.30 2.46 -0.51	30.66 2.33 -1.27	27.85 2.19 -0.18	23.38 1.77 0.00	22.67 1.80 0.00	22.63 1.69 0.00
RAVENSWOOD_GT_4 24252	26.17 1.56 -2.96	22.07 1.17 -3.96	19.97 1.05 -4.11	19.56 1.00 -3.65	17.99 0.96 -1.97	19.04 0.94 -3.43	17.61 1.03 -0.05	17.71 1.10 -0.48	19.26 1.31 0.00	19.97 1.43 0.00	20.28 1.48 0.00	21.06 1.70 0.00	21.72 1.83 0.00	22.78 1.94 0.00	23.15 2.05 0.00	24.26 2.12 0.00	29.12 2.46 -1.29	31.98 2.67 -0.85	31.33 2.49 -0.51	30.66 2.33 -1.27	27.85 2.19 -0.18	23.40 1.79 0.00	22.65 1.77 0.00	22.56 1.63 0.00
RAVENSWOOD_GT_5 24254	26.17 1.56 -2.96	22.07 1.17 -3.96	19.97 1.05 -4.11	19.56 1.00 -3.65	17.99 0.96 -1.97	19.04 0.94 -3.43	17.61 1.03 -0.05	17.71 1.10 -0.48	19.26 1.31 0.00	19.97 1.43 0.00	20.28 1.48 0.00	21.06 1.70 0.00	21.72 1.83 0.00	22.78 1.94 0.00	23.15 2.05 0.00	24.26 2.12 0.00	29.12 2.46 -1.29	31.98 2.67 -0.85	31.33 2.49 -0.51	30.66 2.33 -1.27	27.85 2.19 -0.18	23.40 1.79 0.00	22.65 1.77 0.00	22.56 1.63 0.00
RAVENSWOOD_GT_6 24253	26.17 1.56 -2.96	22.07 1.17 -3.96	19.97 1.05 -4.11	19.56 1.00 -3.65	17.99 0.96 -1.97	19.04 0.94 -3.43	17.61 1.03 -0.05	17.71 1.10 -0.48	19.26 1.31 0.00	19.97 1.43 0.00	20.28 1.48 0.00	21.06 1.70 0.00	21.72 1.83 0.00	22.78 1.94 0.00	23.15 2.05 0.00	24.26 2.12 0.00	29.12 2.46 -1.29	31.98 2.67 -0.85	31.33 2.49 -0.51	30.66 2.33 -1.27	27.85 2.19 -0.18	23.40 1.79 0.00	22.65 1.77 0.00	22.56 1.63 0.00
RAVENSWOOD_GT_7 24255	26.17 1.56 -2.96	22.07 1.17 -3.96	19.97 1.05 -4.11	19.56 1.00 -3.65	17.99 0.96 -1.97	19.04 0.94 -3.43	17.61 1.03 -0.05	17.71 1.10 -0.48	19.26 1.31 0.00	19.97 1.43 0.00	20.28 1.48 0.00	21.06 1.70 0.00	21.72 1.83 0.00	22.78 1.94 0.00	23.15 2.05 0.00	24.26 2.12 0.00	29.12 2.46 -1.29	31.98 2.67 -0.85	31.33 2.49 -0.51	30.66 2.33 -1.27	27.85 2.19 -0.18	23.40 1.79 0.00	22.65 1.77 0.00	22.56 1.63 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	26.19 1.58 -2.96	22.07 1.17 -3.96	19.97 1.05 -4.11	19.56 1.00 -3.65	17.99 0.96 -1.97	19.03 0.92 -3.43	17.60 1.01 -0.05	17.71 1.10 -0.48	19.26 1.31 0.00	19.97 1.43 0.00	20.26 1.47 0.00	21.06 1.70 0.00	21.72 1.83 0.00	22.78 1.94 0.00	23.13 2.03 0.00	24.26 2.12 0.00	29.12 2.46 -1.29	31.95 2.65 -0.85	31.30 2.46 -0.51	30.66 2.33 -1.27	27.83 2.17 -0.18	23.38 1.77 0.00	22.67 1.79 0.00	22.58 1.65 0.00
RAVENSWOOD_GT_9 24257	26.19 1.58 -2.96	22.07 1.17 -3.96	19.97 1.05 -4.11	19.56 1.00 -3.65	17.99 0.96 -1.97	19.03 0.92 -3.43	17.60 1.01 -0.05	17.71 1.10 -0.48	19.26 1.31 0.00	19.97 1.43 0.00	20.26 1.47 0.00	21.06 1.70 0.00	21.72 1.83 0.00	22.78 1.94 0.00	23.13 2.03 0.00	24.26 2.12 0.00	29.12 2.46 -1.29	31.95 2.65 -0.85	31.30 2.46 -0.51	30.66 2.33 -1.27	27.83 2.17 -0.18	23.38 1.77 0.00	22.67 1.79 0.00	22.58 1.65 0.00
RAVENSWOOD___1 23533	26.21 1.60 -2.96	22.09 1.19 -3.96	19.99 1.07 -4.11	19.57 1.01 -3.65	18.00 0.98 -1.97	19.01 0.91 -3.43	17.55 0.96 -0.05	17.66 1.05 -0.48	19.21 1.26 0.00	19.94 1.39 0.00	20.26 1.47 0.00	21.07 1.72 0.00	21.76 1.87 0.00	22.87 2.02 0.00	23.13 2.03 0.00	24.26 2.12 0.00	29.15 2.49 -1.29	31.95 2.65 -0.85	31.24 2.41 -0.51	30.61 2.27 -1.27	27.83 2.16 -0.18	23.36 1.75 0.00	22.71 1.84 0.00	22.69 1.76 0.00
RAVENSWOOD___2 23534	26.21 1.60 -2.96	22.07 1.17 -3.96	19.99 1.07 -4.11	19.56 1.00 -3.65	18.00 0.98 -1.97	19.01 0.91 -3.43	17.53 0.94 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.92 1.37 0.00	20.24 1.45 0.00	21.06 1.70 0.00	21.74 1.85 0.00	22.87 2.02 0.00	23.13 2.03 0.00	24.26 2.12 0.00	29.15 2.49 -1.29	31.95 2.65 -0.85	31.24 2.41 -0.51	30.61 2.27 -1.27	27.80 2.14 -0.18	23.36 1.75 0.00	22.69 1.81 0.00	22.69 1.76 0.00
RAVENSWOOD___3 23535	26.17 1.56 -2.96	22.05 1.15 -3.96	19.98 1.05 -4.11	19.56 1.00 -3.65	17.99 0.96 -1.97	19.03 0.92 -3.43	17.60 1.01 -0.05	17.70 1.08 -0.48	19.24 1.29 0.00	19.97 1.43 0.00	20.26 1.47 0.00	21.06 1.70 0.00	21.72 1.83 0.00	22.85 2.00 0.00	23.13 2.03 0.00	24.26 2.12 0.00	29.15 2.49 -1.29	31.95 2.65 -0.85	31.30 2.46 -0.51	30.66 2.33 -1.27	27.85 2.19 -0.18	23.38 1.77 0.00	22.67 1.80 0.00	22.63 1.69 0.00
RAVENSWOOD___4 23820	26.21 1.60 -2.96	22.07 1.17 -3.96	19.99 1.07 -4.11	19.56 1.00 -3.65	17.99 0.96 -1.97	19.01 0.91 -3.43	17.53 0.94 -0.05	17.65 1.03 -0.48	19.19 1.24 0.00	19.92 1.37 0.00	20.24 1.45 0.00	21.06 1.70 0.00	21.74 1.85 0.00	22.87 2.02 0.00	23.13 2.03 0.00	24.23 2.10 0.00	29.15 2.49 -1.29	31.95 2.65 -0.85	31.24 2.41 -0.51	30.61 2.27 -1.27	27.80 2.14 -0.18	23.34 1.73 0.00	22.69 1.81 0.00	22.67 1.74 0.00
RCPI_TRUST___DRP 24196	26.21 1.60 -2.96	22.07 1.17 -3.96	19.99 1.07 -4.11	19.57 1.01 -3.65	18.00 0.98 -1.97	19.06 0.95 -3.43	17.63 1.04 -0.05	17.73 1.11 -0.48	19.28 1.33 0.00	20.01 1.47 0.00	20.30 1.50 0.00	21.11 1.76 0.00	21.78 1.89 0.00	22.83 1.98 0.00	23.19 2.09 0.00	24.32 2.19 0.00	29.19 2.54 -1.29	32.04 2.73 -0.85	31.36 2.52 -0.51	30.69 2.35 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.69 1.82 0.00	22.60 1.67 0.00
RED___ROCHESTER 323720	22.14 0.15 -0.34	17.50 0.10 -0.46	15.38 0.09 -0.48	15.43 0.11 -0.42	15.48 0.20 -0.23	15.24 0.18 -0.40	16.29 -0.25 -0.01	16.00 -0.19 -0.06	17.63 -0.32 0.00	18.36 -0.19 0.00	18.57 -0.22 0.00	19.02 -0.33 0.00	19.63 -0.26 0.00	20.64 -0.21 0.00	21.08 -0.02 0.00	22.18 0.04 0.00	25.51 0.00 -0.15	28.53 -0.03 -0.10	28.39 0.00 -0.06	27.24 0.03 -0.15	25.45 -0.05 -0.02	21.87 0.26 0.00	20.85 -0.02 0.00	21.14 0.21 0.00
REGAN___SOLAR 323812	28.34 2.19 -4.50	24.61 1.64 -6.02	22.49 1.42 -6.25	21.85 1.39 -5.55	19.33 1.28 -2.99	21.35 1.45 -5.22	18.17 1.55 -0.08	18.38 1.52 -0.73	19.62 1.67 0.00	20.27 1.73 0.00	20.49 1.69 0.00	21.11 1.76 0.00	21.76 1.87 0.00	22.83 1.98 0.00	23.19 2.09 0.00	24.39 2.26 0.00	30.17 2.84 -1.97	33.30 3.56 -1.29	32.90 3.80 -0.77	32.56 3.57 -1.93	29.12 3.36 -0.28	24.29 2.68 0.00	23.19 2.32 0.00	23.07 2.14 0.00
RENSSELAER___COGEN 23796	25.98 0.54 -3.79	22.44 0.42 -5.07	20.45 0.37 -5.27	19.96 0.37 -4.68	17.95 0.38 -2.52	19.45 0.38 -4.40	17.05 0.45 -0.07	17.17 0.42 -0.62	18.45 0.50 0.00	19.01 0.46 0.00	19.28 0.49 0.00	19.93 0.58 0.00	20.53 0.64 0.00	21.55 0.71 0.00	21.84 0.74 0.00	22.86 0.73 0.00	27.93 0.91 -1.66	30.60 1.05 -1.09	30.03 1.05 -0.65	29.69 1.00 -1.62	26.66 0.94 -0.24	22.30 0.69 0.00	21.52 0.65 0.00	21.54 0.61 0.00

REPUBLIC_115KV_BARTNBRK 55605	27.71 2.12 -3.95	23.74 1.52 -5.27	21.62 1.33 -5.48	21.06 1.28 -4.87	19.00 1.32 -2.62	20.61 1.36 -4.58	18.03 1.42 -0.07	18.23 1.45 -0.64	19.66 1.71 0.00	20.36 1.82 0.00	20.65 1.86 0.00	21.33 1.97 0.00	21.86 1.97 0.00	22.87 2.02 0.00	23.21 2.11 0.00	24.37 2.24 0.00	29.85 2.76 -1.72	32.91 3.33 -1.13	32.46 3.46 -0.68	31.95 3.19 -1.69	28.93 3.21 -0.25	24.14 2.53 0.00	23.04 2.17 0.00	22.86 1.93 0.00
REVERE_CPPR_DRP 24186	22.36 0.56 -0.15	17.57 0.42 -0.20	15.36 0.34 -0.21	15.44 0.34 -0.19	15.49 0.33 -0.10	15.21 0.37 -0.17	16.90 0.36 0.00	16.45 0.29 -0.02	18.27 0.32 0.00	18.86 0.32 0.00	19.09 0.30 0.00	19.70 0.35 0.00	20.23 0.34 0.00	21.22 0.38 0.00	21.48 0.38 0.00	22.64 0.51 0.00	25.91 0.48 -0.07	29.15 0.65 -0.04	29.09 0.74 -0.03	27.94 0.81 -0.06	26.30 0.82 -0.01	22.30 0.69 0.00	21.41 0.54 0.00	21.43 0.50 0.00
REYNOLDS_115KV_TB3 80639	26.14 0.69 -3.80	22.58 0.56 -5.08	20.56 0.47 -5.28	20.07 0.48 -4.69	18.06 0.48 -2.53	19.56 0.48 -4.41	17.16 0.56 -0.07	17.29 0.53 -0.62	18.58 0.63 0.00	19.16 0.61 0.00	19.41 0.62 0.00	20.09 0.74 0.00	20.69 0.80 0.00	21.66 0.81 0.00	22.01 0.91 0.00	23.02 0.89 0.00	28.12 1.09 -1.66	30.77 1.22 -1.09	30.23 1.25 -0.65	29.88 1.19 -1.63	26.86 1.15 -0.24	22.45 0.84 0.00	21.67 0.79 0.00	21.66 0.73 0.00
RIVERBAY____ 323610	26.56 1.95 -2.97	22.33 1.42 -3.97	20.22 1.29 -4.12	19.79 1.22 -3.66	18.14 1.11 -1.97	19.19 1.09 -3.43	17.63 1.04 -0.05	17.79 1.18 -0.48	19.26 1.31 0.00	20.01 1.47 0.00	20.37 1.58 0.00	21.21 1.86 0.00	21.92 2.03 0.00	23.01 2.17 0.00	23.29 2.19 0.00	24.41 2.28 0.00	29.37 2.71 -1.29	32.21 2.90 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.90 2.24 -0.18	23.45 1.84 0.00	22.90 2.02 0.00	22.94 2.01 0.00
RIVERSDE_115KV_TB3 55908	26.09 0.63 -3.81	22.53 0.49 -5.10	20.54 0.43 -5.29	20.04 0.43 -4.70	18.02 0.44 -2.53	19.53 0.44 -4.42	17.12 0.51 -0.07	17.25 0.50 -0.62	18.52 0.57 0.00	19.10 0.56 0.00	19.36 0.56 0.00	20.03 0.68 0.00	20.63 0.74 0.00	21.62 0.77 0.00	21.94 0.84 0.00	22.97 0.84 0.00	28.07 1.04 -1.66	30.71 1.17 -1.09	30.17 1.19 -0.65	29.83 1.14 -1.63	26.79 1.07 -0.24	22.41 0.80 0.00	21.60 0.73 0.00	21.60 0.67 0.00
ROARING__BROOK_WT_PWR 323790	21.43 -0.22 0.00	16.81 -0.14 0.00	14.72 -0.09 0.00	14.83 -0.07 0.00	15.00 -0.06 0.00	14.64 -0.03 0.00	16.50 -0.03 0.00	16.12 -0.02 0.00	17.95 0.00 0.00	18.55 0.00 0.00	18.79 0.00 0.00	19.37 0.02 0.00	19.91 0.02 0.00	20.89 0.04 0.00	21.16 0.06 0.00	22.20 0.07 0.00	25.42 0.05 0.00	28.51 0.06 0.00	28.33 0.00 0.00	27.04 -0.03 0.00	25.43 -0.05 0.00	21.59 -0.02 0.00	20.85 -0.02 0.00	20.95 0.02 0.00
ROCHESRG_115KV_T4 355643	21.90 -0.09 -0.34	17.31 -0.08 -0.45	15.24 -0.04 -0.47	15.30 -0.03 -0.42	15.33 0.05 -0.23	15.11 0.04 -0.39	16.14 -0.40 -0.01	15.96 -0.23 -0.06	17.47 -0.48 0.00	18.18 -0.37 0.00	18.36 -0.43 0.00	18.81 -0.54 0.00	19.39 -0.50 0.00	20.37 -0.48 0.00	20.83 -0.27 0.00	21.89 -0.24 0.00	25.21 -0.30 -0.15	28.18 -0.37 -0.10	28.02 -0.37 -0.06	26.88 -0.32 -0.15	25.19 -0.31 -0.02	21.61 0.00 0.00	20.58 -0.29 0.00	20.78 -0.15 0.00
ROCHESTER_9_IC 23652	22.03 0.04 -0.34	17.42 0.02 -0.46	15.32 0.03 -0.48	15.39 0.06 -0.42	15.40 0.12 -0.23	15.18 0.12 -0.40	16.22 -0.31 -0.01	16.03 -0.16 -0.06	17.56 -0.39 0.00	18.29 -0.26 0.00	18.47 -0.32 0.00	18.93 -0.43 0.00	19.51 -0.38 0.00	20.49 -0.35 0.00	20.97 -0.13 0.00	22.04 -0.09 0.00	25.39 -0.13 -0.15	28.36 -0.20 -0.10	28.22 -0.17 -0.06	27.08 -0.14 -0.15	25.37 -0.13 -0.02	21.74 0.13 0.00	20.70 -0.17 0.00	20.89 -0.04 0.00
ROCKVIEW_13_KV_LD 356306	26.17 1.56 -2.96	22.07 1.17 -3.96	19.99 1.07 -4.11	19.57 1.01 -3.65	18.02 0.99 -1.97	19.06 0.95 -3.43	17.63 1.04 -0.05	17.71 1.10 -0.48	19.26 1.31 0.00	19.97 1.43 0.00	20.26 1.47 0.00	21.04 1.68 0.00	21.70 1.81 0.00	22.76 1.92 0.00	23.13 2.03 0.00	24.21 2.08 0.00	29.09 2.44 -1.29	31.98 2.67 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.65 1.77 0.00	22.56 1.63 0.00
ROME____115KV_TB2 80656	22.36 0.56 -0.15	17.57 0.42 -0.20	15.36 0.34 -0.21	15.44 0.34 -0.19	15.49 0.33 -0.10	15.21 0.37 -0.17	16.90 0.36 0.00	16.45 0.29 -0.02	18.27 0.32 0.00	18.86 0.32 0.00	19.09 0.30 0.00	19.70 0.35 0.00	20.23 0.34 0.00	21.22 0.38 0.00	21.48 0.38 0.00	22.64 0.51 0.00	25.91 0.48 -0.07	29.15 0.65 -0.04	29.09 0.74 -0.03	27.94 0.81 -0.06	26.30 0.82 -0.01	22.30 0.69 0.00	21.41 0.54 0.00	21.43 0.50 0.00
ROSETON____1 23587	25.80 1.19 -2.96	21.81 0.91 -3.96	19.75 0.83 -4.11	19.36 0.80 -3.65	17.80 0.78 -1.97	18.86 0.76 -3.43	17.41 0.83 -0.05	17.45 0.84 -0.48	18.95 1.00 0.00	19.62 1.08 0.00	19.90 1.11 0.00	20.63 1.28 0.00	21.26 1.37 0.00	22.35 1.50 0.00	22.66 1.56 0.00	23.75 1.61 0.00	28.53 1.88 -1.29	31.38 2.08 -0.85	30.82 1.98 -0.51	30.20 1.87 -1.27	27.40 1.73 -0.18	22.99 1.38 0.00	22.23 1.36 0.00	22.21 1.28 0.00
ROSETON____2 23588	25.80 1.19 -2.96	21.81 0.91 -3.96	19.75 0.83 -4.11	19.36 0.80 -3.65	17.80 0.78 -1.97	18.86 0.76 -3.43	17.41 0.83 -0.05	17.45 0.84 -0.48	18.95 1.00 0.00	19.62 1.08 0.00	19.90 1.11 0.00	20.63 1.28 0.00	21.26 1.37 0.00	22.35 1.50 0.00	22.66 1.56 0.00	23.75 1.61 0.00	28.53 1.88 -1.29	31.38 2.08 -0.85	30.82 1.98 -0.51	30.20 1.87 -1.27	27.40 1.73 -0.18	22.99 1.38 0.00	22.23 1.36 0.00	22.21 1.28 0.00
ROTTRDAM_115KV_TB3 80664	26.51 0.87 -4.00	22.95 0.66 -5.35	20.94 0.58 -5.55	20.42 0.58 -4.93	18.30 0.59 -2.66	19.89 0.59 -4.64	17.23 0.63 -0.07	17.38 0.60 -0.65	18.65 0.70 0.00	19.27 0.72 0.00	19.53 0.73 0.00	20.18 0.83 0.00	20.79 0.90 0.00	21.78 0.94 0.00	22.11 1.01 0.00	23.15 1.02 0.00	28.35 1.24 -1.75	31.02 1.42 -1.14	30.46 1.44 -0.69	30.13 1.35 -1.71	27.03 1.30 -0.25	22.62 1.02 0.00	21.81 0.94 0.00	21.81 0.88 0.00
RUSSELL____1 23602	22.14 0.15 -0.34	17.50 0.10 -0.46	15.38 0.09 -0.48	15.45 0.12 -0.42	15.48 0.20 -0.23	15.24 0.18 -0.40	16.27 -0.26 -0.01	16.09 -0.10 -0.06	17.63 -0.32 0.00	18.36 -0.19 0.00	18.57 -0.23 0.00	19.02 -0.33 0.00	19.63 -0.26 0.00	20.59 -0.25 0.00	21.08 -0.02 0.00	22.17 0.04 0.00	25.54 0.03 -0.15	28.53 -0.03 -0.10	28.39 0.00 -0.06	27.24 0.03 -0.15	25.52 0.03 -0.02	21.87 0.26 0.00	20.83 -0.04 0.00	20.99 0.06 0.00
RUSSELL____2 23532	22.14 0.15 -0.34	17.50 0.10 -0.46	15.38 0.09 -0.48	15.45 0.12 -0.42	15.48 0.20 -0.23	15.24 0.18 -0.40	16.27 -0.26 -0.01	16.09 -0.10 -0.06	17.63 -0.32 0.00	18.36 -0.19 0.00	18.57 -0.23 0.00	19.02 -0.33 0.00	19.63 -0.26 0.00	20.59 -0.25 0.00	21.08 -0.02 0.00	22.17 0.04 0.00	25.54 0.03 -0.15	28.53 -0.03 -0.10	28.39 0.00 -0.06	27.24 0.03 -0.15	25.52 0.03 -0.02	21.87 0.26 0.00	20.83 -0.04 0.00	20.99 0.06 0.00

RUSSELL___3 23549	22.14 0.15 -0.34	17.50 0.10 -0.46	15.38 0.09 -0.48	15.45 0.12 -0.42	15.48 0.20 -0.23	15.24 0.18 -0.40	16.27 -0.26 -0.01	16.09 -0.10 -0.06	17.63 -0.32 0.00	18.36 -0.19 0.00	18.57 -0.23 0.00	19.02 -0.33 0.00	19.63 -0.26 0.00	20.59 -0.25 0.00	21.08 -0.02 0.00	22.17 0.04 0.00	25.54 0.03 -0.15	28.53 -0.03 -0.10	28.39 0.00 -0.06	27.24 0.03 -0.15	25.52 0.03 -0.02	21.87 0.26 0.00	20.83 -0.04 0.00	20.99 0.06 0.00
RUSSELL___4 23556	22.14 0.15 -0.34	17.50 0.10 -0.46	15.38 0.09 -0.48	15.45 0.12 -0.42	15.48 0.20 -0.23	15.24 0.18 -0.40	16.27 -0.26 -0.01	16.09 -0.10 -0.06	17.63 -0.32 0.00	18.36 -0.19 0.00	18.57 -0.23 0.00	19.02 -0.33 0.00	19.63 -0.26 0.00	20.59 -0.25 0.00	21.08 -0.02 0.00	22.17 0.04 0.00	25.54 0.03 -0.15	28.53 -0.03 -0.10	28.39 0.00 -0.06	27.24 0.03 -0.15	25.52 0.03 -0.02	21.87 0.26 0.00	20.83 -0.04 0.00	20.99 0.06 0.00
RUSSELL___STATION 23914	22.14 0.15 -0.34	17.50 0.10 -0.46	15.38 0.09 -0.48	15.45 0.12 -0.42	15.48 0.20 -0.23	15.24 0.18 -0.40	16.27 -0.26 -0.01	16.09 -0.10 -0.06	17.63 -0.32 0.00	18.36 -0.19 0.00	18.57 -0.23 0.00	19.02 -0.33 0.00	19.63 -0.26 0.00	20.59 -0.25 0.00	21.08 -0.02 0.00	22.17 0.04 0.00	25.54 0.03 -0.15	28.53 -0.03 -0.10	28.39 0.00 -0.06	27.24 0.03 -0.15	25.52 0.03 -0.02	21.87 0.26 0.00	20.83 -0.04 0.00	20.99 0.06 0.00
S SALMON___HYD 24043	21.75 -0.11 -0.21	17.12 -0.10 -0.28	15.00 -0.10 -0.29	15.06 -0.10 -0.26	15.12 -0.07 -0.14	14.84 -0.07 -0.24	16.36 -0.18 0.00	15.96 -0.21 -0.03	17.66 -0.29 0.00	18.25 -0.30 0.00	18.46 -0.34 0.00	18.94 -0.41 0.00	19.45 -0.44 0.00	20.41 -0.44 0.00	20.70 -0.40 0.00	21.73 -0.40 0.00	24.92 -0.53 -0.09	28.01 -0.51 -0.06	27.91 -0.45 -0.04	26.80 -0.35 -0.09	25.24 -0.25 -0.01	21.48 -0.13 0.00	20.64 -0.23 0.00	20.76 -0.17 0.00
S.PERRY___115KV_TB1 80734	22.71 0.58 -0.48	18.02 0.44 -0.64	15.88 0.40 -0.66	15.91 0.42 -0.59	15.87 0.50 -0.32	15.72 0.50 -0.56	16.67 0.13 -0.01	16.24 0.03 -0.08	17.68 -0.27 0.00	18.31 -0.24 0.00	18.38 -0.41 0.00	18.83 -0.52 0.00	19.43 -0.46 0.00	20.43 -0.42 0.00	20.99 -0.11 0.00	22.11 -0.02 0.00	25.40 -0.18 -0.21	28.62 0.03 -0.14	28.75 0.34 -0.08	27.84 0.57 -0.21	26.22 0.71 -0.03	22.60 0.99 0.00	21.46 0.58 0.00	21.60 0.67 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.61 -0.48 -0.44	17.18 -0.36 -0.59	15.16 -0.27 -0.62	15.23 -0.22 -0.55	15.24 -0.11 -0.29	15.11 -0.07 -0.51	16.06 -0.48 -0.01	15.71 -0.50 -0.07	17.30 -0.65 0.00	18.08 -0.46 0.00	18.19 -0.60 0.00	18.62 -0.74 0.00	19.21 -0.68 0.00	20.18 -0.67 0.00	20.74 -0.36 0.00	21.82 -0.31 0.00	24.72 -0.84 -0.19	27.59 -1.00 -0.13	27.41 -0.99 -0.08	26.33 -0.92 -0.19	24.77 -0.74 -0.03	21.65 0.04 0.00	20.48 -0.40 0.00	20.80 -0.13 0.00
SAWYER___23_KV_LOAD 55526	21.61 -0.48 -0.44	17.18 -0.36 -0.59	15.16 -0.27 -0.62	15.23 -0.22 -0.55	15.24 -0.11 -0.29	15.11 -0.07 -0.51	16.06 -0.48 -0.01	15.71 -0.50 -0.07	17.30 -0.65 0.00	18.08 -0.46 0.00	18.19 -0.60 0.00	18.62 -0.74 0.00	19.21 -0.68 0.00	20.18 -0.67 0.00	20.74 -0.36 0.00	21.82 -0.31 0.00	24.72 -0.84 -0.19	27.59 -1.00 -0.13	27.41 -0.99 -0.08	26.33 -0.92 -0.19	24.77 -0.74 -0.03	21.65 0.04 0.00	20.48 -0.40 0.00	20.80 -0.13 0.00
SELKIRK___I 23801	26.15 0.78 -3.72	22.52 0.59 -4.98	20.50 0.52 -5.17	20.04 0.54 -4.59	18.07 0.54 -2.47	19.53 0.54 -4.32	17.21 0.61 -0.07	17.30 0.56 -0.61	18.61 0.66 0.00	19.20 0.65 0.00	19.45 0.66 0.00	20.11 0.75 0.00	20.69 0.80 0.00	21.72 0.88 0.00	22.01 0.91 0.00	23.06 0.93 0.00	28.11 1.11 -1.63	30.77 1.25 -1.07	30.24 1.28 -0.64	29.88 1.22 -1.60	26.88 1.17 -0.23	22.49 0.89 0.00	21.71 0.84 0.00	21.75 0.82 0.00
SELKIRK___II 23799	26.07 0.65 -3.78	22.50 0.51 -5.05	20.50 0.44 -5.24	20.01 0.45 -4.66	18.01 0.45 -2.51	19.49 0.44 -4.38	17.11 0.51 -0.07	17.23 0.48 -0.62	18.52 0.57 0.00	19.10 0.56 0.00	19.36 0.56 0.00	20.03 0.68 0.00	20.63 0.74 0.00	21.64 0.79 0.00	21.92 0.82 0.00	22.97 0.84 0.00	28.03 1.02 -1.65	30.68 1.14 -1.08	30.11 1.13 -0.65	29.76 1.08 -1.62	26.76 1.05 -0.24	22.39 0.78 0.00	21.60 0.73 0.00	21.64 0.71 0.00
SENECA OSWGO___HYD 24041	21.71 -0.17 -0.23	17.10 -0.15 -0.31	15.02 -0.12 -0.32	15.07 -0.12 -0.29	15.11 -0.10 -0.15	14.84 -0.10 -0.27	16.31 -0.23 0.00	15.94 -0.23 -0.04	17.64 -0.31 0.00	18.25 -0.30 0.00	18.46 -0.34 0.00	18.93 -0.43 0.00	19.45 -0.44 0.00	20.41 -0.44 0.00	20.72 -0.38 0.00	21.75 -0.38 0.00	25.01 -0.46 -0.10	28.01 -0.51 -0.07	27.89 -0.48 -0.04	26.70 -0.46 -0.10	25.08 -0.41 -0.01	21.33 -0.28 0.00	20.52 -0.35 0.00	20.68 -0.25 0.00
SENECA___115KV_TB3 355854	21.72 -0.39 -0.46	17.27 -0.29 -0.62	15.25 -0.21 -0.64	15.30 -0.18 -0.57	15.30 -0.06 -0.31	15.19 -0.01 -0.54	16.28 -0.26 -0.01	15.79 -0.42 -0.08	17.56 -0.39 0.00	18.34 -0.20 0.00	18.44 -0.36 0.00	18.87 -0.48 0.00	19.49 -0.40 0.00	20.45 -0.40 0.00	21.06 -0.04 0.00	22.15 0.02 0.00	24.91 -0.66 -0.20	27.79 -0.80 -0.13	27.64 -0.76 -0.08	26.53 -0.73 -0.20	25.00 -0.51 -0.03	21.95 0.35 0.00	20.75 -0.13 0.00	21.06 0.13 0.00
SENECA___ENERGY 23797	21.99 -0.02 -0.36	17.39 -0.03 -0.48	15.30 -0.01 -0.50	15.34 -0.01 -0.45	15.31 0.02 -0.24	15.12 0.03 -0.42	16.39 -0.15 -0.01	16.06 -0.13 -0.06	17.75 -0.20 0.00	18.40 -0.15 0.00	18.59 -0.21 0.00	19.08 -0.27 0.00	19.65 -0.24 0.00	20.64 -0.21 0.00	21.04 -0.06 0.00	22.11 -0.02 0.00	25.40 -0.13 -0.16	28.48 -0.09 -0.10	28.39 0.00 -0.06	27.17 -0.05 -0.16	25.48 -0.03 -0.02	21.78 0.17 0.00	20.85 -0.02 0.00	21.01 0.08 0.00
SHOEMAKER___GT 23640	25.35 1.08 -2.63	21.28 0.83 -3.51	19.20 0.74 -3.65	18.86 0.72 -3.24	17.52 0.72 -1.74	18.38 0.66 -3.05	17.29 0.71 -0.05	17.27 0.71 -0.43	18.79 0.84 0.00	19.45 0.91 0.00	19.73 0.94 0.00	20.44 1.08 0.00	21.04 1.15 0.00	22.12 1.27 0.00	22.43 1.33 0.00	23.53 1.40 0.00	28.11 1.60 -1.15	31.00 1.79 -0.75	30.51 1.73 -0.45	29.84 1.65 -1.12	27.14 1.50 -0.16	22.82 1.21 0.00	22.02 1.15 0.00	22.02 1.09 0.00
SHOEMAKR_138KV_BK 111 55601	25.33 1.08 -2.60	21.25 0.83 -3.48	19.17 0.74 -3.61	18.83 0.72 -3.21	17.49 0.71 -1.73	18.35 0.66 -3.02	17.29 0.71 -0.05	17.28 0.73 -0.42	18.81 0.86 0.00	19.47 0.93 0.00	19.73 0.94 0.00	20.46 1.10 0.00	21.06 1.17 0.00	22.10 1.25 0.00	22.47 1.37 0.00	23.55 1.42 0.00	28.15 1.65 -1.14	31.02 1.82 -0.74	30.50 1.73 -0.45	29.83 1.65 -1.11	27.14 1.50 -0.16	22.82 1.21 0.00	22.02 1.15 0.00	22.00 1.07 0.00
SHOREHAM_IC_1 23715	27.29 2.66 -2.98	23.09 1.98 -4.17	23.95 1.82 -7.32	21.28 1.77 -4.60	18.86 1.82 -1.98	20.48 1.72 -4.10	18.48 1.88 -0.06	18.53 1.90 -0.49	20.16 2.19 -0.02	22.34 2.28 -1.51	23.29 2.31 -2.19	25.39 2.55 -3.48	35.96 2.75 -13.33	26.93 2.86 -3.23	27.10 2.93 -3.07	38.19 3.12 -12.94	54.59 3.63 -25.59	53.19 4.10 -20.63	58.45 3.97 -26.16	43.22 3.71 -12.45	40.74 3.46 -11.79	38.99 2.87 -14.50	27.63 2.75 -4.00	26.66 2.68 -3.05

SHOREHAM_IC_2 23716	27.29 2.66 -2.98	23.09 1.98 -4.17	23.95 1.82 -7.32	21.28 1.77 -4.60	18.86 1.82 -1.98	20.48 1.72 -4.10	18.48 1.88 -0.06	18.53 1.90 -0.49	20.16 2.19 -0.02	22.34 2.28 -1.51	23.29 2.31 -2.19	25.39 2.55 -3.48	35.96 2.75 -13.33	26.93 2.86 -3.23	27.10 2.93 -3.07	38.19 3.12 -12.94	54.59 3.63 -25.59	53.19 4.10 -20.63	58.45 3.97 -26.16	43.22 3.71 -12.45	40.74 3.46 -11.79	38.99 2.87 -14.50	27.63 2.75 -4.00	26.66 2.68 -3.05
SISSONVILLE____ 23735	20.56 -1.08 0.00	16.11 -0.83 0.00	14.03 -0.79 0.00	14.12 -0.79 0.00	14.17 -0.89 0.00	13.83 -0.84 0.00	15.84 -0.69 0.00	15.47 -0.66 0.00	17.20 -0.75 0.00	17.73 -0.82 0.00	18.02 -0.77 0.00	18.56 -0.79 0.00	18.86 -1.03 0.00	19.78 -1.06 0.00	19.83 -1.27 0.00	20.82 -1.31 0.00	23.89 -1.47 0.00	26.86 -1.59 0.00	26.83 -1.50 0.00	25.68 -1.38 0.00	24.18 -1.30 0.00	20.46 -1.15 0.00	19.83 -1.04 0.00	19.90 -1.03 0.00
SITHE_IND_GS1 24169	21.39 -0.43 -0.18	16.84 -0.34 -0.24	14.76 -0.30 -0.25	14.83 -0.30 -0.22	14.87 -0.30 -0.12	14.60 -0.28 -0.21	16.12 -0.41 0.00	15.77 -0.39 -0.03	17.47 -0.48 0.00	18.03 -0.52 0.00	18.25 -0.55 0.00	18.69 -0.66 0.00	19.21 -0.68 0.00	20.14 -0.71 0.00	20.42 -0.68 0.00	21.44 -0.69 0.00	24.63 -0.81 -0.08	27.60 -0.91 -0.05	27.45 -0.91 -0.03	26.27 -0.87 -0.08	24.67 -0.82 -0.01	20.98 -0.63 0.00	20.22 -0.65 0.00	20.43 -0.50 0.00
SITHE_IND_GS2 24170	21.39 -0.43 -0.18	16.84 -0.34 -0.24	14.76 -0.30 -0.25	14.83 -0.30 -0.22	14.87 -0.30 -0.12	14.60 -0.28 -0.21	16.12 -0.41 0.00	15.77 -0.39 -0.03	17.47 -0.48 0.00	18.03 -0.52 0.00	18.25 -0.55 0.00	18.69 -0.66 0.00	19.21 -0.68 0.00	20.14 -0.71 0.00	20.42 -0.68 0.00	21.44 -0.69 0.00	24.63 -0.81 -0.08	27.60 -0.91 -0.05	27.45 -0.91 -0.03	26.27 -0.87 -0.08	24.67 -0.82 -0.01	20.98 -0.63 0.00	20.22 -0.65 0.00	20.43 -0.50 0.00
SITHE_IND_GS3 24171	21.39 -0.43 -0.18	16.84 -0.34 -0.24	14.76 -0.30 -0.25	14.83 -0.30 -0.22	14.87 -0.30 -0.12	14.60 -0.28 -0.21	16.12 -0.41 0.00	15.77 -0.39 -0.03	17.47 -0.48 0.00	18.03 -0.52 0.00	18.25 -0.55 0.00	18.69 -0.66 0.00	19.21 -0.68 0.00	20.14 -0.71 0.00	20.42 -0.68 0.00	21.44 -0.69 0.00	24.63 -0.81 -0.08	27.60 -0.91 -0.05	27.45 -0.91 -0.03	26.27 -0.87 -0.08	24.67 -0.82 -0.01	20.98 -0.63 0.00	20.22 -0.65 0.00	20.43 -0.50 0.00
SITHE_IND_GS4 24172	21.39 -0.43 -0.18	16.84 -0.34 -0.24	14.76 -0.30 -0.25	14.83 -0.30 -0.22	14.87 -0.30 -0.12	14.60 -0.28 -0.21	16.12 -0.41 0.00	15.77 -0.39 -0.03	17.47 -0.48 0.00	18.03 -0.52 0.00	18.25 -0.55 0.00	18.69 -0.66 0.00	19.21 -0.68 0.00	20.14 -0.71 0.00	20.42 -0.68 0.00	21.44 -0.69 0.00	24.63 -0.81 -0.08	27.60 -0.91 -0.05	27.45 -0.91 -0.03	26.27 -0.87 -0.08	24.67 -0.82 -0.01	20.98 -0.63 0.00	20.22 -0.65 0.00	20.43 -0.50 0.00
SITHE____BATAVIA 24024	22.11 0.07 -0.39	17.52 0.05 -0.53	15.42 0.06 -0.55	15.48 0.09 -0.49	15.51 0.20 -0.26	15.35 0.22 -0.46	16.29 -0.25 -0.01	15.99 -0.21 -0.06	17.55 -0.39 0.00	18.30 -0.24 0.00	18.44 -0.36 0.00	18.87 -0.48 0.00	19.49 -0.40 0.00	20.51 -0.33 0.00	21.04 -0.06 0.00	22.15 0.02 0.00	25.28 -0.25 -0.17	28.29 -0.28 -0.11	28.17 -0.23 -0.07	27.07 -0.16 -0.17	25.43 -0.08 -0.02	22.04 0.43 0.00	20.89 0.02 0.00	21.31 0.38 0.00
SITHE____INDEPEND 23800	21.39 -0.43 -0.18	16.84 -0.34 -0.24	14.76 -0.30 -0.25	14.83 -0.30 -0.22	14.87 -0.30 -0.12	14.60 -0.28 -0.21	16.12 -0.41 0.00	15.76 -0.40 -0.03	17.47 -0.48 0.00	18.03 -0.52 0.00	18.25 -0.55 0.00	18.69 -0.66 0.00	19.21 -0.68 0.00	20.12 -0.73 0.00	20.42 -0.68 0.00	21.44 -0.69 0.00	24.63 -0.81 -0.08	27.60 -0.91 -0.05	27.45 -0.91 -0.03	26.27 -0.87 -0.08	24.70 -0.79 -0.01	20.98 -0.63 0.00	20.20 -0.67 0.00	20.30 -0.63 0.00
SITHE____MASSENA 23902	21.21 -0.43 0.00	16.62 -0.32 0.00	14.49 -0.33 0.00	14.58 -0.33 0.00	14.65 -0.41 0.00	14.30 -0.37 0.00	16.32 -0.22 0.00	15.94 -0.19 0.00	17.74 -0.21 0.00	18.30 -0.24 0.00	18.61 -0.19 0.00	19.14 -0.21 0.00	19.49 -0.40 0.00	20.41 -0.44 0.00	20.55 -0.55 0.00	21.53 -0.60 0.00	24.71 -0.66 0.00	27.75 -0.71 0.00	27.65 -0.68 0.00	26.41 -0.65 0.00	24.89 -0.58 0.00	21.09 -0.52 0.00	20.43 -0.44 0.00	20.43 -0.50 0.00
SITHE____OGDNSBRG 24021	21.17 -0.48 0.00	16.59 -0.36 0.00	14.43 -0.39 0.00	14.52 -0.39 0.00	14.57 -0.48 0.00	14.24 -0.43 0.00	16.28 -0.25 0.00	15.89 -0.24 0.00	17.66 -0.29 0.00	18.19 -0.35 0.00	18.51 -0.28 0.00	19.06 -0.29 0.00	19.39 -0.50 0.00	20.34 -0.50 0.00	20.38 -0.72 0.00	21.40 -0.73 0.00	24.53 -0.84 0.00	27.60 -0.85 0.00	27.59 -0.74 0.00	26.44 -0.62 0.00	24.92 -0.56 0.00	21.09 -0.52 0.00	20.43 -0.44 0.00	20.49 -0.44 0.00
SITHE____STERLING 23777	22.30 0.48 -0.17	17.53 0.36 -0.23	15.35 0.30 -0.24	15.42 0.30 -0.21	15.46 0.29 -0.12	15.19 0.32 -0.20	16.83 0.30 0.00	16.42 0.26 -0.03	18.22 0.27 0.00	18.81 0.26 0.00	19.04 0.24 0.00	19.62 0.27 0.00	20.17 0.28 0.00	21.18 0.33 0.00	21.46 0.36 0.00	22.57 0.44 0.00	25.85 0.40 -0.08	29.05 0.54 -0.05	28.95 0.60 -0.03	27.82 0.68 -0.07	26.15 0.66 -0.01	22.19 0.58 0.00	21.33 0.46 0.00	21.41 0.48 0.00
SLEIGHT__34_KV_TB1 80719	22.48 0.50 -0.34	17.77 0.37 -0.45	15.61 0.33 -0.47	15.65 0.33 -0.42	15.61 0.33 -0.23	15.42 0.35 -0.39	16.72 0.18 -0.01	16.43 0.24 -0.06	18.17 0.22 0.00	18.84 0.30 0.00	19.06 0.26 0.00	19.55 0.19 0.00	20.13 0.24 0.00	21.10 0.25 0.00	21.52 0.42 0.00	22.62 0.49 0.00	26.02 0.51 -0.15	29.21 0.65 -0.10	29.04 0.65 -0.06	27.83 0.62 -0.15	26.09 0.59 -0.02	22.24 0.63 0.00	21.27 0.40 0.00	21.33 0.40 0.00
SOUTH CAIRO____GT 23612	26.37 1.17 -3.56	22.56 0.86 -4.76	20.45 0.70 -4.94	20.01 0.72 -4.39	18.13 0.71 -2.36	19.47 0.68 -4.13	17.42 0.83 -0.07	17.46 0.74 -0.58	18.78 0.83 0.00	19.33 0.78 0.00	19.55 0.75 0.00	20.22 0.87 0.00	20.85 0.95 0.00	21.87 1.02 0.00	22.18 1.08 0.00	23.24 1.11 0.00	28.29 1.37 -1.55	31.21 1.74 -1.02	30.84 1.90 -0.61	30.45 1.87 -1.52	27.59 1.89 -0.22	23.06 1.45 0.00	22.12 1.25 0.00	22.12 1.19 0.00
SOUTH HAMPTN____IC 23720	27.70 3.07 -2.98	23.41 2.30 -4.17	24.22 2.09 -7.32	21.54 2.03 -4.60	19.15 2.11 -1.98	20.74 1.97 -4.10	18.76 2.17 -0.06	18.82 2.19 -0.49	20.52 2.55 -0.02	22.75 2.69 -1.51	23.73 2.74 -2.19	25.83 3.00 -3.48	36.45 3.20 -13.36	27.43 3.36 -3.23	27.61 3.44 -3.07	38.41 3.70 -12.58	55.25 4.29 -25.59	53.95 4.86 -20.63	59.19 4.70 -26.16	43.90 4.38 -12.45	41.35 4.08 -11.79	39.00 3.37 -14.02	28.07 3.19 -4.00	27.06 3.08 -3.05
SOUTHDOW_115KV_TB1 355954	22.29 0.15 -0.49	17.70 0.10 -0.66	15.63 0.13 -0.69	15.65 0.13 -0.61	15.68 0.30 -0.33	15.61 0.37 -0.57	16.81 0.26 -0.01	16.25 0.03 -0.08	18.20 0.25 0.00	19.05 0.50 0.00	19.09 0.30 0.00	19.56 0.21 0.00	20.21 0.32 0.00	21.18 0.33 0.00	21.82 0.72 0.00	22.95 0.82 0.00	25.68 0.10 -0.22	28.68 0.09 -0.14	28.55 0.14 -0.08	27.36 0.08 -0.21	25.79 0.28 -0.03	22.71 1.10 0.00	21.39 0.52 0.00	21.68 0.75 0.00

SOUTHOLD_69_KV_BK 2 55809	28.31 3.68 -2.98	23.80 2.69 -4.17	24.56 2.43 -7.32	21.88 2.37 -4.60	19.46 2.42 -1.98	21.09 2.32 -4.10	19.12 2.53 -0.05	19.20 2.58 -0.48	20.97 3.00 -0.02	23.23 3.17 -1.51	24.23 3.25 -2.19	26.39 3.56 -3.48	37.00 3.76 -13.35	27.95 3.88 -3.23	28.22 4.05 -3.07	39.12 4.40 -12.58	56.08 5.12 -25.59	54.92 5.83 -20.63	60.15 5.67 -26.16	44.77 5.25 -12.45	42.11 4.84 -11.79	39.70 4.06 -14.03	28.63 3.76 -4.00	27.54 3.56 -3.05
SOUTHOLD____IC 23719	28.26 3.64 -2.98	23.82 2.71 -4.17	24.58 2.44 -7.32	21.88 2.37 -4.60	19.46 2.42 -1.98	21.07 2.30 -4.10	19.12 2.53 -0.06	19.19 2.57 -0.49	20.97 3.00 -0.02	23.23 3.17 -1.51	24.23 3.25 -2.19	26.39 3.56 -3.48	37.00 3.76 -13.35	28.04 3.96 -3.23	28.24 4.07 -3.07	39.12 4.40 -12.58	56.08 5.13 -25.59	54.92 5.83 -20.63	60.15 5.67 -26.16	44.77 5.25 -12.45	42.14 4.87 -11.79	39.66 4.02 -14.03	28.63 3.76 -4.00	27.60 3.62 -3.05
SPIERFLS_115KV_TB 1 80737	26.40 0.80 -3.95	22.79 0.56 -5.28	20.80 0.50 -5.49	20.26 0.48 -4.87	18.24 0.56 -2.63	19.77 0.51 -4.58	17.07 0.46 -0.07	17.25 0.47 -0.64	18.52 0.57 0.00	19.08 0.54 0.00	19.36 0.56 0.00	20.01 0.66 0.00	20.61 0.72 0.00	21.57 0.73 0.00	21.90 0.80 0.00	22.93 0.80 0.00	28.16 1.07 -1.72	30.90 1.31 -1.13	30.39 1.39 -0.68	30.06 1.30 -1.69	27.07 1.35 -0.25	22.65 1.04 0.00	21.75 0.88 0.00	21.66 0.73 0.00
ST LAWRENCE____ 23600	21.11 -0.54 0.00	16.54 -0.41 0.00	14.43 -0.39 0.00	14.52 -0.39 0.00	14.62 -0.44 0.00	14.26 -0.41 0.00	16.22 -0.31 0.00	15.83 -0.31 0.00	17.61 -0.34 0.00	18.18 -0.37 0.00	18.46 -0.34 0.00	18.98 -0.37 0.00	19.43 -0.46 0.00	20.32 -0.52 0.00	20.49 -0.61 0.00	21.47 -0.66 0.00	24.66 -0.71 0.00	27.66 -0.80 0.00	27.56 -0.76 0.00	26.33 -0.73 0.00	24.82 -0.66 0.00	21.00 -0.60 0.00	20.37 -0.50 0.00	20.34 -0.59 0.00
STATE_CA_115KV_115_LB 55624	26.14 0.65 -3.84	22.59 0.51 -5.14	20.58 0.43 -5.34	20.08 0.43 -4.74	18.04 0.44 -2.55	19.57 0.44 -4.46	17.12 0.51 -0.07	17.26 0.50 -0.63	18.54 0.59 0.00	19.12 0.57 0.00	19.38 0.58 0.00	20.05 0.70 0.00	20.65 0.76 0.00	21.64 0.79 0.00	21.97 0.87 0.00	22.99 0.86 0.00	28.11 1.07 -1.68	30.78 1.22 -1.10	30.20 1.22 -0.66	29.87 1.16 -1.65	26.81 1.10 -0.24	22.43 0.82 0.00	21.62 0.75 0.00	21.60 0.67 0.00
STATE_ST_34_KV_LOAD 55959	22.24 0.24 -0.36	17.61 0.19 -0.48	15.47 0.16 -0.50	15.50 0.15 -0.44	15.58 0.29 -0.24	15.26 0.18 -0.41	16.61 0.07 -0.01	16.26 0.06 -0.06	18.02 0.07 0.00	18.68 0.13 0.00	18.89 0.09 0.00	19.37 0.02 0.00	19.93 0.04 0.00	20.91 0.06 0.00	21.31 0.21 0.00	22.35 0.22 0.00	25.72 0.20 -0.16	28.84 0.28 -0.10	28.70 0.31 -0.06	27.52 0.30 -0.15	25.81 0.31 -0.02	21.98 0.37 0.00	21.06 0.19 0.00	21.12 0.19 0.00
STATION 5_MISC_HYD 23604	22.03 0.04 -0.34	17.42 0.02 -0.46	15.32 0.03 -0.48	15.37 0.04 -0.42	15.40 0.12 -0.23	15.18 0.12 -0.40	16.22 -0.31 -0.01	15.93 -0.26 -0.06	17.55 -0.39 0.00	18.29 -0.26 0.00	18.47 -0.32 0.00	18.93 -0.43 0.00	19.51 -0.38 0.00	20.51 -0.33 0.00	20.97 -0.13 0.00	22.04 -0.09 0.00	25.39 -0.13 -0.15	28.36 -0.20 -0.10	28.22 -0.17 -0.06	27.08 -0.13 -0.15	25.29 -0.20 -0.02	21.74 0.13 0.00	20.73 -0.15 0.00	21.04 0.11 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.12 0.13 -0.34	17.49 0.08 -0.46	15.38 0.09 -0.48	15.42 0.09 -0.42	15.40 0.12 -0.23	15.21 0.15 -0.40	16.37 -0.17 -0.01	16.14 -0.05 -0.06	17.75 -0.20 0.00	18.45 -0.09 0.00	18.64 -0.15 0.00	19.12 -0.23 0.00	19.71 -0.18 0.00	20.68 -0.17 0.00	21.12 0.02 0.00	22.22 0.09 0.00	25.54 0.03 -0.15	28.61 0.06 -0.10	28.47 0.08 -0.06	27.29 0.08 -0.15	25.58 0.08 -0.02	21.87 0.26 0.00	20.87 0.00 0.00	20.99 0.06 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.92 -0.06 -0.34	17.33 -0.07 -0.45	15.22 -0.06 -0.47	15.30 -0.03 -0.42	15.31 0.03 -0.23	15.09 0.03 -0.39	16.14 -0.40 -0.01	15.96 -0.23 -0.06	17.48 -0.47 0.00	18.21 -0.33 0.00	18.40 -0.39 0.00	18.87 -0.48 0.00	19.45 -0.44 0.00	20.41 -0.44 0.00	20.87 -0.23 0.00	21.95 -0.18 0.00	25.29 -0.23 -0.15	28.27 -0.28 -0.10	28.10 -0.28 -0.06	26.94 -0.27 -0.15	25.27 -0.23 -0.02	21.63 0.02 0.00	20.60 -0.27 0.00	20.78 -0.15 0.00
STA_56____34_KV_BUS2 355983	21.92 -0.06 -0.34	17.33 -0.07 -0.45	15.22 -0.06 -0.47	15.30 -0.03 -0.42	15.31 0.03 -0.23	15.09 0.03 -0.39	16.14 -0.40 -0.01	15.96 -0.23 -0.06	17.48 -0.47 0.00	18.21 -0.33 0.00	18.40 -0.39 0.00	18.87 -0.48 0.00	19.45 -0.44 0.00	20.41 -0.44 0.00	20.87 -0.23 0.00	21.95 -0.18 0.00	25.29 -0.23 -0.15	28.27 -0.28 -0.10	28.10 -0.28 -0.06	26.94 -0.27 -0.15	25.27 -0.23 -0.02	21.63 0.02 0.00	20.60 -0.27 0.00	20.78 -0.15 0.00
STA_67____115KV_BK2 355882	21.97 -0.02 -0.34	17.38 -0.02 -0.46	15.29 0.00 -0.47	15.36 0.03 -0.42	15.37 0.09 -0.23	15.15 0.09 -0.40	16.19 -0.35 -0.01	16.01 -0.18 -0.06	17.52 -0.43 0.00	18.25 -0.30 0.00	18.44 -0.36 0.00	18.89 -0.46 0.00	19.47 -0.42 0.00	20.43 -0.42 0.00	20.91 -0.19 0.00	21.98 -0.15 0.00	25.31 -0.20 -0.15	28.30 -0.26 -0.10	28.13 -0.25 -0.06	26.99 -0.22 -0.15	25.32 -0.18 -0.02	21.70 0.09 0.00	20.66 -0.21 0.00	20.85 -0.08 0.00
STA_7____115KV_9TRANS 80674	22.14 0.15 -0.34	17.50 0.10 -0.46	15.38 0.09 -0.48	15.45 0.12 -0.42	15.48 0.20 -0.23	15.24 0.18 -0.40	16.27 -0.26 -0.01	16.09 -0.10 -0.06	17.63 -0.32 0.00	18.36 -0.19 0.00	18.57 -0.23 0.00	19.02 -0.33 0.00	19.63 -0.26 0.00	20.59 -0.25 0.00	21.08 -0.02 0.00	22.17 0.04 0.00	25.54 0.03 -0.15	28.53 -0.03 -0.10	28.39 0.00 -0.06	27.24 0.03 -0.15	25.52 0.03 -0.02	21.87 0.26 0.00	20.83 -0.04 0.00	20.99 0.06 0.00
STA_82____115KV_TB1 80780	21.99 0.00 -0.34	17.39 -0.02 -0.46	15.29 0.00 -0.48	15.36 0.03 -0.42	15.39 0.11 -0.23	15.17 0.10 -0.40	16.21 -0.33 -0.01	16.01 -0.18 -0.06	17.54 -0.41 0.00	18.25 -0.30 0.00	18.44 -0.36 0.00	18.89 -0.46 0.00	19.47 -0.42 0.00	20.45 -0.40 0.00	20.91 -0.19 0.00	22.00 -0.13 0.00	25.31 -0.20 -0.15	28.30 -0.26 -0.10	28.16 -0.23 -0.06	27.02 -0.19 -0.15	25.32 -0.18 -0.02	21.70 0.09 0.00	20.68 -0.19 0.00	20.87 -0.06 0.00
STEEL____WIND 323596	21.70 -0.41 -0.46	17.26 -0.30 -0.62	15.23 -0.22 -0.64	15.28 -0.19 -0.57	15.29 -0.07 -0.31	15.18 -0.03 -0.54	16.26 -0.28 -0.01	15.95 -0.26 -0.08	17.54 -0.41 0.00	18.32 -0.22 0.00	18.42 -0.38 0.00	18.85 -0.50 0.00	19.47 -0.42 0.00	20.49 -0.35 0.00	21.04 -0.06 0.00	22.13 0.00 0.00	24.88 -0.68 -0.20	27.76 -0.83 -0.13	27.61 -0.79 -0.08	26.51 -0.76 -0.20	25.07 -0.43 -0.03	21.93 0.32 0.00	20.73 -0.15 0.00	21.20 0.27 0.00
STEPHTWN_115KV_BK_2 55603	26.20 0.76 -3.79	22.59 0.58 -5.07	20.57 0.49 -5.27	20.06 0.48 -4.68	18.06 0.48 -2.52	19.57 0.50 -4.40	17.18 0.58 -0.07	17.32 0.56 -0.62	18.61 0.66 0.00	19.21 0.67 0.00	19.47 0.68 0.00	20.13 0.77 0.00	20.75 0.86 0.00	21.74 0.90 0.00	22.07 0.97 0.00	23.10 0.97 0.00	28.21 1.19 -1.66	30.94 1.39 -1.09	30.39 1.42 -0.65	30.02 1.33 -1.62	26.96 1.25 -0.24	22.54 0.93 0.00	21.71 0.83 0.00	21.68 0.75 0.00

STEUBEN_REC_LFGE 323667	22.44 0.19 -0.60	17.91 0.17 -0.80	15.82 0.18 -0.83	15.84 0.19 -0.74	15.71 0.26 -0.40	15.67 0.31 -0.69	16.74 0.20 -0.01	16.26 0.03 -0.10	18.06 0.11 0.00	18.79 0.24 0.00	18.87 0.08 0.00	19.37 0.02 0.00	19.99 0.10 0.00	20.97 0.13 0.00	21.56 0.46 0.00	22.68 0.55 0.00	25.70 0.08 -0.26	28.83 0.20 -0.17	28.71 0.28 -0.10	27.56 0.24 -0.26	25.90 0.38 -0.04	22.54 0.93 0.00	21.35 0.48 0.00	21.52 0.59 0.00
STONY__BROOK 24151	27.09 2.47 -2.98	22.96 1.85 -4.17	23.82 1.69 -7.32	21.13 1.63 -4.60	18.77 1.73 -1.98	20.34 1.57 -4.10	18.33 1.74 -0.06	18.38 1.76 -0.49	20.01 2.05 -0.02	22.21 2.15 -1.51	23.16 2.18 -2.19	25.27 2.44 -3.48	36.31 2.58 -13.83	26.81 2.73 -3.23	27.00 2.83 -3.07	40.36 2.94 -15.28	54.36 3.40 -25.59	52.73 3.64 -20.63	57.97 3.48 -26.16	42.84 3.33 -12.45	40.38 3.11 -11.79	41.84 2.64 -17.60	27.44 2.57 -4.00	26.49 2.51 -3.05
STURGEON_POOL_HYD 23609	25.97 1.28 -3.05	21.99 0.97 -4.08	19.91 0.86 -4.23	19.50 0.83 -3.76	17.80 0.72 -2.03	18.95 0.75 -3.54	17.45 0.86 -0.06	17.45 0.82 -0.50	18.99 1.04 0.00	19.68 1.13 0.00	19.94 1.15 0.00	20.71 1.35 0.00	21.34 1.45 0.00	22.39 1.54 0.00	22.77 1.67 0.00	23.86 1.73 0.00	28.65 1.95 -1.33	31.46 2.13 -0.87	30.89 2.04 -0.52	30.32 1.95 -1.31	27.48 1.81 -0.19	23.12 1.51 0.00	22.35 1.48 0.00	22.29 1.36 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.57 1.21 -2.71	21.48 0.91 -3.62	19.40 0.83 -3.76	19.03 0.79 -3.34	17.61 0.75 -1.80	18.54 0.73 -3.14	17.38 0.79 -0.05	17.40 0.82 -0.44	18.94 0.99 0.00	19.60 1.06 0.00	19.88 1.09 0.00	20.61 1.26 0.00	21.26 1.37 0.00	22.28 1.44 0.00	22.66 1.56 0.00	23.75 1.62 0.00	28.42 1.88 -1.18	31.34 2.11 -0.77	30.77 1.98 -0.46	30.09 1.87 -1.16	27.35 1.71 -0.17	22.99 1.38 0.00	22.19 1.31 0.00	22.14 1.21 0.00
SWANROAD_115KV_TB1 355699	21.23 -0.84 -0.43	16.89 -0.63 -0.57	14.90 -0.50 -0.59	14.97 -0.46 -0.53	14.99 -0.35 -0.28	14.86 -0.31 -0.49	15.71 -0.83 -0.01	15.43 -0.77 -0.07	16.91 -1.04 0.00	17.67 -0.87 0.00	17.78 -1.01 0.00	18.19 -1.16 0.00	18.78 -1.11 0.00	19.70 -1.15 0.00	20.26 -0.84 0.00	21.31 -0.82 0.00	24.26 -1.29 -0.19	27.04 -1.54 -0.12	26.90 -1.50 -0.07	25.84 -1.41 -0.18	24.28 -1.22 -0.03	21.18 -0.43 0.00	20.02 -0.86 0.00	20.39 -0.54 0.00
SYNERGY__BIOGAS 323694	22.11 0.07 -0.39	17.52 0.05 -0.53	15.42 0.06 -0.55	15.48 0.09 -0.49	15.51 0.20 -0.26	15.35 0.22 -0.46	16.29 -0.25 -0.01	15.99 -0.21 -0.06	17.55 -0.39 0.00	18.30 -0.24 0.00	18.44 -0.36 0.00	18.87 -0.48 0.00	19.49 -0.40 0.00	20.51 -0.33 0.00	21.04 -0.06 0.00	22.15 0.02 0.00	25.28 -0.25 -0.17	28.29 -0.28 -0.11	28.17 -0.23 -0.07	27.07 -0.16 -0.17	25.43 -0.08 -0.02	22.04 0.43 0.00	20.89 0.02 0.00	21.31 0.38 0.00
SYRACUSE__ENERGY_ST1 323597	22.00 0.06 -0.29	17.38 0.05 -0.39	15.27 0.06 -0.40	15.32 0.06 -0.36	15.31 0.06 -0.19	15.08 0.07 -0.34	16.51 -0.03 -0.01	16.15 -0.03 -0.05	17.90 -0.05 0.00	18.51 -0.04 0.00	18.72 -0.08 0.00	19.20 -0.15 0.00	19.75 -0.14 0.00	20.70 -0.15 0.00	21.06 -0.04 0.00	22.11 -0.02 0.00	25.42 -0.08 -0.13	28.45 -0.09 -0.08	28.32 -0.06 -0.05	27.11 -0.08 -0.12	25.45 -0.05 -0.02	21.65 0.04 0.00	20.81 -0.06 0.00	20.89 -0.04 0.00
SYRACUSE__ENERGY_ST2 323598	22.00 0.06 -0.29	17.38 0.05 -0.39	15.27 0.06 -0.40	15.32 0.06 -0.36	15.31 0.06 -0.19	15.08 0.07 -0.34	16.51 -0.03 -0.01	16.15 -0.03 -0.05	17.90 -0.05 0.00	18.51 -0.04 0.00	18.72 -0.08 0.00	19.20 -0.15 0.00	19.75 -0.14 0.00	20.70 -0.15 0.00	21.06 -0.04 0.00	22.11 -0.02 0.00	25.42 -0.08 -0.13	28.45 -0.09 -0.08	28.32 -0.06 -0.05	27.11 -0.08 -0.12	25.45 -0.05 -0.02	21.65 0.04 0.00	20.81 -0.06 0.00	20.89 -0.04 0.00
SYRACUSE__POWER 24017	21.95 0.00 -0.30	17.35 0.00 -0.40	15.23 0.00 -0.42	15.28 0.00 -0.37	15.27 0.02 -0.20	15.03 0.01 -0.35	16.46 -0.08 -0.01	16.09 -0.10 -0.05	17.82 -0.13 0.00	18.45 -0.09 0.00	18.66 -0.13 0.00	19.16 -0.19 0.00	19.71 -0.18 0.00	20.66 -0.19 0.00	20.99 -0.11 0.00	22.06 -0.07 0.00	25.34 -0.15 -0.13	28.37 -0.17 -0.09	28.21 -0.17 -0.05	27.03 -0.16 -0.13	25.37 -0.13 -0.02	21.61 0.00 0.00	20.77 -0.10 0.00	20.83 -0.10 0.00
TALLMAN__138KV_BK151 55660	25.81 1.36 -2.80	21.71 1.02 -3.75	19.64 0.93 -3.89	19.24 0.88 -3.46	17.76 0.84 -1.86	18.74 0.82 -3.25	17.48 0.89 -0.05	17.53 0.94 -0.46	19.08 1.13 0.00	19.77 1.22 0.00	20.05 1.26 0.00	20.80 1.45 0.00	21.46 1.57 0.00	22.51 1.67 0.00	22.91 1.81 0.00	23.99 1.86 0.00	28.75 2.16 -1.22	31.65 2.39 -0.80	31.05 2.24 -0.48	30.35 2.08 -1.20	27.59 1.94 -0.17	23.19 1.58 0.00	22.40 1.52 0.00	22.33 1.40 0.00
TEALLAVE_115KV_TB7 355573	21.86 -0.04 -0.25	17.25 -0.03 -0.34	15.14 -0.03 -0.35	15.19 -0.03 -0.31	15.21 -0.02 -0.17	14.95 -0.01 -0.29	16.41 -0.13 0.00	16.05 -0.13 -0.04	17.79 -0.16 0.00	18.40 -0.15 0.00	18.61 -0.19 0.00	19.08 -0.27 0.00	19.63 -0.26 0.00	20.57 -0.27 0.00	20.93 -0.17 0.00	21.98 -0.15 0.00	25.22 -0.25 -0.11	28.24 -0.28 -0.07	28.09 -0.28 -0.04	26.88 -0.30 -0.11	25.26 -0.23 -0.02	21.52 -0.09 0.00	20.68 -0.19 0.00	20.76 -0.17 0.00
TELGRAPH_34_KV_EAST 80808	21.77 -0.28 -0.41	17.28 -0.20 -0.54	15.23 -0.15 -0.56	15.29 -0.12 -0.50	15.31 -0.02 -0.27	15.17 0.03 -0.47	16.09 -0.45 -0.01	15.81 -0.39 -0.07	17.34 -0.61 0.00	18.12 -0.43 0.00	18.23 -0.56 0.00	18.66 -0.70 0.00	19.25 -0.64 0.00	20.22 -0.63 0.00	20.78 -0.32 0.00	21.87 -0.27 0.00	24.91 -0.63 -0.18	27.80 -0.77 -0.12	27.69 -0.71 -0.07	26.59 -0.65 -0.17	24.99 -0.51 -0.03	21.72 0.11 0.00	20.56 -0.31 0.00	20.87 -0.06 0.00
TEMPLE__115KV_TB 2 55572	21.86 -0.04 -0.26	17.25 -0.03 -0.34	15.15 -0.01 -0.36	15.21 -0.01 -0.32	15.21 -0.02 -0.17	14.97 0.00 -0.30	16.42 -0.12 0.00	16.06 -0.11 -0.04	17.79 -0.16 0.00	18.40 -0.15 0.00	18.62 -0.17 0.00	19.10 -0.25 0.00	19.65 -0.24 0.00	20.59 -0.25 0.00	20.95 -0.15 0.00	22.00 -0.13 0.00	25.25 -0.23 -0.11	28.25 -0.28 -0.07	28.12 -0.25 -0.04	26.90 -0.27 -0.11	25.29 -0.20 -0.02	21.52 -0.09 0.00	20.68 -0.19 0.00	20.78 -0.15 0.00
TIANA____69_KV_BK 1 55817	27.61 2.99 -2.98	23.29 2.19 -4.17	24.13 2.00 -7.32	21.45 1.94 -4.60	19.06 2.02 -1.98	20.66 1.89 -4.10	18.67 2.08 -0.05	18.73 2.11 -0.48	20.41 2.44 -0.02	22.62 2.56 -1.51	23.59 2.61 -2.19	25.70 2.86 -3.48	36.30 3.06 -13.35	27.20 3.13 -3.23	27.46 3.29 -3.07	38.23 3.52 -12.58	55.04 4.08 -25.59	53.73 4.64 -20.63	58.96 4.48 -26.16	43.68 4.17 -12.45	41.14 3.87 -11.79	38.90 3.26 -14.03	27.92 3.05 -4.00	26.87 2.89 -3.05
TILDEN__115KV_TB1 80814	21.95 0.00 -0.30	17.35 0.00 -0.40	15.23 0.00 -0.42	15.28 0.00 -0.37	15.27 0.02 -0.20	15.03 0.01 -0.35	16.46 -0.08 -0.01	16.09 -0.10 -0.05	17.82 -0.13 0.00	18.45 -0.09 0.00	18.66 -0.13 0.00	19.16 -0.19 0.00	19.71 -0.18 0.00	20.66 -0.19 0.00	20.99 -0.11 0.00	22.06 -0.07 0.00	25.34 -0.15 -0.13	28.37 -0.17 -0.09	28.21 -0.17 -0.05	27.03 -0.16 -0.13	25.37 -0.13 -0.02	21.61 0.00 0.00	20.77 -0.10 0.00	20.83 -0.10 0.00

TRIGEN___CC 323695	26.47 1.84 -2.98	22.50 1.39 -4.16	23.39 1.26 -7.32	20.72 1.21 -4.60	18.26 1.22 -1.98	19.91 1.14 -4.10	17.88 1.29 -0.05	17.95 1.34 -0.48	19.51 1.54 -0.02	21.71 1.65 -1.51	22.62 1.64 -2.19	24.66 1.84 -3.47	25.60 1.97 -3.74	26.14 2.06 -3.23	26.33 2.17 -3.06	28.91 2.26 -4.52	53.59 2.64 -25.59	51.95 2.87 -20.62	57.23 2.75 -26.15	42.11 2.60 -12.45	39.68 2.42 -11.79	26.98 2.01 -3.36	26.85 1.98 -3.99	25.86 1.88 -3.05
TRINITY___115KV___4 BK 55933	26.01 0.56 -3.80	22.47 0.44 -5.09	20.48 0.39 -5.28	19.99 0.39 -4.69	17.97 0.39 -2.53	19.48 0.40 -4.41	17.07 0.46 -0.07	17.20 0.45 -0.62	18.47 0.52 0.00	19.05 0.50 0.00	19.30 0.51 0.00	19.97 0.62 0.00	20.57 0.68 0.00	21.55 0.71 0.00	21.88 0.78 0.00	22.91 0.77 0.00	27.99 0.96 -1.66	30.63 1.08 -1.09	30.08 1.10 -0.65	29.72 1.03 -1.63	26.71 0.99 -0.24	22.34 0.73 0.00	21.54 0.67 0.00	21.54 0.61 0.00
UNION___PROCESSING_DRP 323587	21.99 0.00 -0.34	17.40 0.00 -0.46	15.31 0.01 -0.48	15.36 0.03 -0.42	15.39 0.11 -0.23	15.17 0.10 -0.40	16.21 -0.33 -0.01	16.01 -0.18 -0.06	17.54 -0.41 0.00	18.25 -0.30 0.00	18.46 -0.34 0.00	18.91 -0.45 0.00	19.49 -0.40 0.00	20.45 -0.40 0.00	20.93 -0.17 0.00	22.00 -0.13 0.00	25.34 -0.18 -0.15	28.33 -0.23 -0.10	28.16 -0.23 -0.06	27.02 -0.19 -0.15	25.35 -0.15 -0.02	21.72 0.11 0.00	20.68 -0.19 0.00	20.87 -0.06 0.00
UPPER HUDSON___HYD 24058	26.40 0.80 -3.95	22.78 0.56 -5.28	20.80 0.50 -5.49	20.26 0.48 -4.87	18.24 0.56 -2.63	19.77 0.51 -4.58	17.07 0.46 -0.07	17.23 0.45 -0.64	18.52 0.57 0.00	19.08 0.54 0.00	19.36 0.56 0.00	20.01 0.66 0.00	20.61 0.72 0.00	21.62 0.77 0.00	21.90 0.80 0.00	22.93 0.80 0.00	28.16 1.07 -1.72	30.90 1.31 -1.13	30.39 1.39 -0.68	30.06 1.30 -1.69	27.07 1.35 -0.25	22.65 1.04 0.00	21.77 0.90 0.00	21.71 0.77 0.00
UPPER RAQUET___HYD 24056	20.57 -1.08 0.00	16.11 -0.83 0.00	14.03 -0.79 0.00	14.12 -0.79 0.00	14.17 -0.89 0.00	13.83 -0.84 0.00	15.84 -0.69 0.00	15.46 -0.68 0.00	17.20 -0.75 0.00	17.73 -0.82 0.00	18.02 -0.77 0.00	18.56 -0.79 0.00	18.86 -1.04 0.00	19.74 -1.11 0.00	19.83 -1.27 0.00	20.82 -1.31 0.00	23.89 -1.47 0.00	26.86 -1.59 0.00	26.83 -1.50 0.00	25.68 -1.38 0.00	24.20 -1.27 0.00	20.46 -1.15 0.00	19.81 -1.06 0.00	19.76 -1.17 0.00
VALLEY44_115KV_TB2 355964	21.15 -1.02 -0.52	16.87 -0.76 -0.69	14.94 -0.59 -0.72	14.93 -0.61 -0.64	14.92 -0.48 -0.34	14.83 -0.44 -0.60	16.29 -0.25 -0.01	15.43 -0.79 -0.08	17.64 -0.31 0.00	18.44 -0.11 0.00	18.51 -0.28 0.00	18.98 -0.37 0.00	19.59 -0.30 0.00	20.55 -0.29 0.00	21.23 0.13 0.00	22.31 0.18 0.00	24.42 -1.17 -0.23	27.32 -1.28 -0.15	27.11 -1.30 -0.09	25.99 -1.30 -0.22	24.64 -0.87 -0.03	22.04 0.43 0.00	20.81 -0.06 0.00	21.04 0.10 0.00
VALLEY___115KV_TB 1-4 80826	21.86 0.22 0.00	17.11 0.17 0.00	14.98 0.16 0.00	15.07 0.16 0.00	15.18 0.12 0.00	14.85 0.18 0.00	16.70 0.17 0.00	16.28 0.15 0.00	18.13 0.18 0.00	18.75 0.20 0.00	19.00 0.21 0.00	19.60 0.25 0.00	20.15 0.26 0.00	21.10 0.25 0.00	21.35 0.25 0.00	22.42 0.29 0.00	25.64 0.28 0.00	28.80 0.34 0.00	28.67 0.34 0.00	27.39 0.32 0.00	25.81 0.33 0.00	21.89 0.28 0.00	21.08 0.21 0.00	21.12 0.19 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.80 1.08 -1.07	19.19 0.81 -1.43	17.01 0.71 -1.49	16.95 0.72 -1.32	16.55 0.78 -0.71	16.65 0.73 -1.24	17.35 0.79 -0.02	17.05 0.74 -0.17	18.85 0.90 0.00	19.49 0.95 0.00	19.73 0.94 0.00	20.42 1.06 0.00	21.01 1.11 0.00	22.03 1.19 0.00	22.34 1.24 0.00	23.48 1.35 0.00	27.25 1.42 -0.47	30.39 1.62 -0.31	30.13 1.61 -0.18	29.15 1.62 -0.46	27.07 1.53 -0.07	22.91 1.30 0.00	22.00 1.13 0.00	21.98 1.05 0.00
VISCHER___FERRY HYD 24020	26.37 0.87 -3.86	22.80 0.69 -5.16	20.76 0.59 -5.36	20.26 0.60 -4.76	18.22 0.60 -2.56	19.75 0.60 -4.48	17.27 0.66 -0.07	17.39 0.63 -0.63	18.69 0.74 0.00	19.27 0.72 0.00	19.55 0.75 0.00	20.20 0.85 0.00	20.81 0.92 0.00	21.83 0.98 0.00	22.13 1.03 0.00	23.15 1.02 0.00	28.29 1.24 -1.68	30.98 1.42 -1.10	30.46 1.47 -0.66	30.12 1.41 -1.65	27.07 1.35 -0.24	22.65 1.04 0.00	21.83 0.96 0.00	21.87 0.94 0.00
V_A_10_SYNC_DSASP 323832	21.62 -0.41 -0.38	17.17 -0.29 -0.51	15.12 -0.22 -0.53	15.20 -0.18 -0.47	15.22 -0.09 -0.25	15.04 -0.07 -0.44	15.91 -0.63 -0.01	15.62 -0.58 -0.06	17.18 -0.77 0.00	17.92 -0.63 0.00	18.06 -0.73 0.00	18.48 -0.87 0.00	19.07 -0.82 0.00	20.05 -0.79 0.00	20.53 -0.57 0.00	21.58 -0.55 0.00	24.82 -0.71 -0.17	27.68 -0.88 -0.11	27.54 -0.85 -0.07	26.42 -0.81 -0.16	24.69 -0.82 -0.02	21.37 -0.24 0.00	20.29 -0.58 0.00	20.70 -0.23 0.00
V_CMM_10_SYNC_DSASP 323787	21.19 -0.46 0.00	16.60 -0.34 0.00	14.47 -0.34 0.00	14.56 -0.34 0.00	14.66 -0.39 0.00	14.30 -0.37 0.00	16.27 -0.27 0.00	15.87 -0.26 0.00	17.68 -0.27 0.00	18.23 -0.32 0.00	18.53 -0.26 0.00	19.06 -0.29 0.00	19.51 -0.38 0.00	20.41 -0.44 0.00	20.55 -0.55 0.00	21.56 -0.58 0.00	24.73 -0.63 0.00	27.75 -0.71 0.00	27.65 -0.68 0.00	26.41 -0.65 0.00	24.89 -0.58 0.00	21.07 -0.54 0.00	20.43 -0.44 0.00	20.41 -0.52 0.00
V_CMP_10_SYNC_DSASP 323788	21.52 -0.13 0.00	16.86 -0.08 0.00	14.68 -0.13 0.00	14.77 -0.13 0.00	14.90 -0.15 0.00	14.49 -0.18 0.00	16.47 -0.07 0.00	16.10 -0.03 0.00	17.91 -0.04 0.00	18.47 -0.07 0.00	18.79 0.00 0.00	19.33 -0.02 0.00	19.77 -0.12 0.00	20.70 -0.14 0.00	20.87 -0.23 0.00	21.87 -0.26 0.00	25.09 -0.28 0.00	28.20 -0.26 0.00	28.13 -0.20 0.00	26.88 -0.19 0.00	25.33 -0.15 0.00	21.48 -0.13 0.00	20.77 -0.10 0.00	20.76 -0.17 0.00
V_E_10_SYNC_DSASP 323830	23.98 1.51 -0.81	19.20 1.17 -1.09	16.94 0.99 -1.13	16.92 1.01 -1.00	16.63 1.04 -0.54	16.70 1.09 -0.94	17.69 1.14 -0.01	17.30 1.03 -0.13	19.01 1.06 0.00	19.60 1.06 0.00	19.75 0.96 0.00	20.42 1.06 0.00	20.94 1.05 0.00	22.03 1.19 0.00	22.32 1.22 0.00	23.59 1.46 0.00	27.17 1.45 -0.36	30.57 1.88 -0.23	30.56 2.10 -0.14	29.63 2.22 -0.35	27.74 2.22 -0.05	23.55 1.95 0.00	22.48 1.61 0.00	22.52 1.59 0.00
V_F_30_NSYNC___DSASP 323816	26.67 1.08 -3.94	23.04 0.83 -5.27	21.01 0.73 -5.47	20.48 0.72 -4.86	18.42 0.75 -2.62	19.97 0.73 -4.57	17.38 0.78 -0.07	17.52 0.74 -0.64	18.81 0.86 0.00	19.42 0.87 0.00	19.70 0.90 0.00	20.36 1.01 0.00	20.96 1.07 0.00	21.99 1.15 0.00	22.28 1.18 0.00	23.35 1.22 0.00	28.58 1.50 -1.72	31.32 1.74 -1.13	30.82 1.81 -0.68	30.46 1.71 -1.69	27.38 1.66 -0.25	22.88 1.27 0.00	22.04 1.17 0.00	22.04 1.11 0.00
V_F_30_SYNC_DSASP 323786	26.14 0.65 -3.84	22.58 0.51 -5.13	20.57 0.43 -5.33	20.08 0.43 -4.74	18.04 0.44 -2.55	19.56 0.44 -4.45	17.12 0.51 -0.07	17.26 0.50 -0.63	18.52 0.57 0.00	19.12 0.57 0.00	19.38 0.58 0.00	20.05 0.70 0.00	20.65 0.76 0.00	21.64 0.79 0.00	21.97 0.87 0.00	22.99 0.86 0.00	28.11 1.07 -1.68	30.78 1.22 -1.10	30.20 1.22 -0.66	29.87 1.16 -1.64	26.81 1.10 -0.24	22.43 0.82 0.00	21.62 0.75 0.00	21.60 0.67 0.00

V_XM_10_SYNC_DSASP 323789	21.52 -0.13 0.00	16.86 -0.08 0.00	14.68 -0.13 0.00	14.77 -0.13 0.00	14.90 -0.15 0.00	14.49 -0.18 0.00	16.47 -0.07 0.00	16.10 -0.03 0.00	17.91 -0.04 0.00	18.47 -0.07 0.00	18.79 0.00 0.00	19.33 -0.02 0.00	19.77 -0.12 0.00	20.70 -0.14 0.00	20.87 -0.23 0.00	21.87 -0.26 0.00	25.09 -0.28 0.00	28.20 -0.26 0.00	28.13 -0.20 0.00	26.88 -0.19 0.00	25.33 -0.15 0.00	21.48 -0.13 0.00	20.77 -0.10 0.00	20.76 -0.17 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.90 1.43 -2.82	21.80 1.08 -3.78	19.71 0.98 -3.92	19.32 0.92 -3.48	17.82 0.89 -1.88	18.81 0.87 -3.28	17.53 0.94 -0.05	17.58 0.98 -0.46	19.13 1.18 0.00	19.83 1.28 0.00	20.11 1.32 0.00	20.88 1.53 0.00	21.52 1.63 0.00	22.58 1.73 0.00	22.98 1.88 0.00	24.08 1.95 0.00	28.86 2.26 -1.23	31.77 2.50 -0.81	31.16 2.35 -0.48	30.49 2.22 -1.21	27.69 2.04 -0.18	23.27 1.66 0.00	22.48 1.61 0.00	22.40 1.47 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	26.21 1.60 -2.96	22.07 1.17 -3.96	19.99 1.07 -4.11	19.57 1.01 -3.65	18.00 0.98 -1.97	19.06 0.95 -3.43	17.63 1.04 -0.05	17.73 1.11 -0.48	19.28 1.33 0.00	20.01 1.47 0.00	20.30 1.50 0.00	21.11 1.76 0.00	21.78 1.89 0.00	22.83 1.98 0.00	23.19 2.09 0.00	24.32 2.19 0.00	29.19 2.54 -1.29	32.04 2.73 -0.85	31.36 2.52 -0.51	30.69 2.35 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.69 1.82 0.00	22.60 1.67 0.00
W50THST__13_KV_LOAD 356117	26.30 1.69 -2.96	22.15 1.25 -3.96	20.06 1.14 -4.11	19.65 1.09 -3.65	18.06 1.04 -1.97	19.12 1.01 -3.43	17.69 1.11 -0.05	17.83 1.21 -0.48	19.39 1.44 0.00	20.10 1.56 0.00	20.41 1.62 0.00	21.21 1.86 0.00	21.88 1.99 0.00	22.95 2.11 0.00	23.29 2.19 0.00	24.43 2.30 0.00	29.35 2.69 -1.29	32.18 2.87 -0.85	31.53 2.69 -0.51	30.85 2.52 -1.27	28.01 2.34 -0.18	23.53 1.92 0.00	22.79 1.92 0.00	22.71 1.78 0.00
WADING RIVER_IC_1 23522	27.29 2.66 -2.98	23.09 1.98 -4.17	23.95 1.82 -7.32	21.28 1.77 -4.60	18.87 1.84 -1.98	20.48 1.72 -4.10	18.48 1.88 -0.06	18.53 1.90 -0.49	20.16 2.19 -0.02	22.36 2.30 -1.51	23.31 2.33 -2.19	25.41 2.57 -3.48	36.03 2.75 -13.39	26.95 2.88 -3.23	27.12 2.95 -3.07	37.83 3.14 -12.56	54.61 3.65 -25.59	53.19 4.10 -20.63	58.45 3.97 -26.16	43.25 3.74 -12.45	40.76 3.49 -11.79	38.50 2.90 -14.00	27.63 2.75 -4.00	26.66 2.68 -3.05
WADING RIVER_IC_2 23547	27.29 2.66 -2.98	23.09 1.98 -4.17	23.95 1.82 -7.32	21.28 1.77 -4.60	18.87 1.84 -1.98	20.48 1.72 -4.10	18.48 1.88 -0.06	18.53 1.90 -0.49	20.16 2.19 -0.02	22.36 2.30 -1.51	23.31 2.33 -2.19	25.41 2.57 -3.48	36.03 2.75 -13.39	26.95 2.88 -3.23	27.12 2.95 -3.07	37.83 3.14 -12.56	54.61 3.65 -25.59	53.19 4.10 -20.63	58.45 3.97 -26.16	43.25 3.74 -12.45	40.76 3.49 -11.79	38.50 2.90 -14.00	27.63 2.75 -4.00	26.66 2.68 -3.05
WADING RIVER_IC_3 23601	27.29 2.66 -2.98	23.09 1.98 -4.17	23.95 1.82 -7.32	21.28 1.77 -4.60	18.87 1.84 -1.98	20.48 1.72 -4.10	18.48 1.88 -0.06	18.53 1.90 -0.49	20.16 2.19 -0.02	22.36 2.30 -1.51	23.31 2.33 -2.19	25.41 2.57 -3.48	36.03 2.75 -13.39	26.95 2.88 -3.23	27.12 2.95 -3.07	37.83 3.14 -12.56	54.61 3.65 -25.59	53.19 4.10 -20.63	58.45 3.97 -26.16	43.25 3.74 -12.45	40.76 3.49 -11.79	38.50 2.90 -14.00	27.63 2.75 -4.00	26.66 2.68 -3.05
WALDENNY_12_KV_BK2 80841	21.72 -0.39 -0.46	17.27 -0.29 -0.61	15.23 -0.22 -0.64	15.28 -0.19 -0.57	15.30 -0.06 -0.31	15.19 -0.01 -0.53	16.24 -0.30 -0.01	15.79 -0.42 -0.07	17.52 -0.43 0.00	18.31 -0.24 0.00	18.40 -0.39 0.00	18.85 -0.50 0.00	19.47 -0.42 0.00	20.43 -0.42 0.00	21.02 -0.08 0.00	22.11 -0.02 0.00	24.91 -0.66 -0.20	27.79 -0.80 -0.13	27.64 -0.76 -0.08	26.53 -0.73 -0.20	25.00 -0.51 -0.03	21.91 0.30 0.00	20.70 -0.17 0.00	21.04 0.10 0.00
WALDEN__HYDRO 24148	25.90 1.41 -2.85	21.80 1.05 -3.81	19.70 0.93 -3.95	19.33 0.91 -3.51	17.80 0.86 -1.89	18.79 0.82 -3.30	17.46 0.88 -0.05	17.48 0.89 -0.46	19.01 1.06 0.00	19.68 1.13 0.00	19.94 1.15 0.00	20.67 1.32 0.00	21.32 1.43 0.00	22.41 1.56 0.00	22.75 1.65 0.00	23.83 1.70 0.00	28.61 2.00 -1.24	31.55 2.28 -0.81	31.03 2.21 -0.49	30.42 2.14 -1.22	27.62 1.96 -0.18	23.19 1.58 0.00	22.38 1.50 0.00	22.33 1.40 0.00
WARRENSBURG____ 23737	26.40 0.80 -3.95	22.78 0.56 -5.28	20.80 0.50 -5.49	20.26 0.48 -4.87	18.24 0.56 -2.63	19.77 0.51 -4.58	17.07 0.46 -0.07	17.23 0.45 -0.64	18.52 0.57 0.00	19.08 0.54 0.00	19.36 0.56 0.00	20.01 0.66 0.00	20.61 0.72 0.00	21.62 0.77 0.00	21.90 0.80 0.00	22.93 0.80 0.00	28.16 1.07 -1.72	30.90 1.31 -1.13	30.39 1.39 -0.68	30.06 1.30 -1.69	27.07 1.35 -0.25	22.65 1.04 0.00	21.77 0.90 0.00	21.71 0.77 0.00
WATERSIDE____6 8 9 23538	26.21 1.60 -2.96	22.07 1.17 -3.96	19.99 1.07 -4.11	19.56 1.00 -3.65	17.99 0.96 -1.97	19.01 0.91 -3.43	17.53 0.94 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.92 1.37 0.00	20.24 1.45 0.00	21.06 1.70 0.00	21.74 1.85 0.00	22.80 1.96 0.00	23.13 2.03 0.00	24.23 2.10 0.00	29.14 2.49 -1.29	31.95 2.65 -0.85	31.24 2.41 -0.51	30.61 2.27 -1.27	27.80 2.14 -0.18	23.34 1.73 0.00	22.69 1.82 0.00	22.63 1.70 0.00
WATKINRD_115KV_LN8_ILLION 55919	21.82 0.17 0.00	17.08 0.14 0.00	14.95 0.13 0.00	15.04 0.13 0.00	15.16 0.11 0.00	14.80 0.13 0.00	16.67 0.13 0.00	16.25 0.11 0.00	18.09 0.14 0.00	18.69 0.15 0.00	18.93 0.13 0.00	19.53 0.17 0.00	20.07 0.18 0.00	21.01 0.17 0.00	21.29 0.19 0.00	22.35 0.22 0.00	25.57 0.20 0.00	28.71 0.26 0.00	28.61 0.28 0.00	27.33 0.27 0.00	25.73 0.25 0.00	21.82 0.22 0.00	21.04 0.17 0.00	21.10 0.17 0.00
WATSON__69_KV_BK 1 55734	27.29 2.66 -2.98	23.06 1.95 -4.17	23.91 1.78 -7.32	21.24 1.73 -4.60	18.80 1.76 -1.98	20.44 1.67 -4.10	18.42 1.84 -0.05	18.47 1.86 -0.48	20.10 2.14 -0.02	22.30 2.24 -1.51	23.26 2.27 -2.19	25.37 2.54 -3.48	31.01 2.73 -8.39	26.87 2.79 -3.23	27.10 2.93 -3.07	33.91 3.12 -8.66	54.59 3.63 -25.59	53.10 4.01 -20.63	58.36 3.88 -26.16	43.14 3.63 -12.45	40.68 3.41 -11.79	33.34 2.90 -8.84	27.60 2.73 -4.00	26.60 2.62 -3.05
WDELAWARE__HYD 323627	25.75 1.54 -2.57	21.53 1.15 -3.43	19.38 1.01 -3.56	19.06 0.98 -3.17	17.60 0.84 -1.70	18.53 0.88 -2.98	17.52 0.94 -0.05	17.49 0.94 -0.42	19.04 1.10 0.00	19.73 1.19 0.00	19.98 1.18 0.00	20.73 1.37 0.00	21.36 1.47 0.00	22.47 1.63 0.00	22.79 1.69 0.00	23.92 1.79 0.00	28.57 2.08 -1.12	31.58 2.39 -0.73	31.12 2.35 -0.44	30.44 2.27 -1.10	27.73 2.09 -0.16	23.30 1.69 0.00	22.46 1.59 0.00	22.44 1.51 0.00
WEST BABYLON__IC 23714	27.14 2.51 -2.98	22.96 1.85 -4.17	23.81 1.67 -7.32	21.13 1.62 -4.60	18.69 1.66 -1.98	20.34 1.57 -4.10	18.32 1.74 -0.05	18.37 1.76 -0.48	19.98 2.01 -0.02	22.19 2.13 -1.51	23.13 2.14 -2.19	25.23 2.40 -3.48	27.38 2.55 -4.94	26.72 2.65 -3.23	26.95 2.79 -3.06	30.71 2.94 -5.64	54.38 3.42 -25.59	52.90 3.81 -20.63	58.14 3.65 -26.15	42.95 3.44 -12.45	40.48 3.21 -11.79	29.17 2.72 -4.84	27.46 2.59 -4.00	26.45 2.47 -3.05

WEST CANADA___HYD 24049	21.73 0.09 0.00	17.01 0.07 0.00	14.87 0.06 0.00	14.97 0.06 0.00	15.12 0.06 0.00	14.74 0.07 0.00	16.58 0.05 0.00	16.18 0.05 0.00	18.00 0.05 0.00	18.60 0.06 0.00	18.85 0.06 0.00	19.43 0.08 0.00	19.97 0.08 0.00	20.95 0.10 0.00	21.21 0.11 0.00	22.26 0.13 0.00	25.49 0.13 0.00	28.60 0.14 0.00	28.47 0.14 0.00	27.23 0.16 0.00	25.61 0.13 0.00	21.72 0.11 0.00	20.96 0.08 0.00	21.04 0.11 0.00
WESTERN_NY_WIND 24143	22.09 0.04 -0.40	17.49 0.02 -0.53	15.41 0.04 -0.55	15.47 0.07 -0.49	15.50 0.18 -0.26	15.34 0.21 -0.46	16.27 -0.27 -0.01	15.96 -0.24 -0.07	17.52 -0.43 0.00	18.29 -0.26 0.00	18.42 -0.38 0.00	18.85 -0.50 0.00	19.45 -0.44 0.00	20.47 -0.37 0.00	21.00 -0.10 0.00	22.11 -0.02 0.00	25.24 -0.30 -0.17	28.23 -0.34 -0.11	28.11 -0.28 -0.07	27.02 -0.22 -0.17	25.38 -0.13 -0.02	22.02 0.41 0.00	20.87 0.00 0.00	21.29 0.36 0.00
WESTOVER___LESR 323668	22.65 0.13 -0.87	18.22 0.12 -1.16	16.15 0.13 -1.21	16.11 0.13 -1.07	15.78 0.15 -0.58	15.85 0.18 -1.01	16.66 0.12 -0.02	16.32 0.05 -0.14	18.06 0.11 0.00	18.73 0.19 0.00	18.93 0.13 0.00	19.47 0.12 0.00	20.05 0.16 0.00	21.01 0.17 0.00	21.44 0.34 0.00	22.51 0.38 0.00	25.95 0.20 -0.38	28.96 0.26 -0.25	28.73 0.25 -0.15	27.65 0.22 -0.37	25.81 0.28 -0.05	22.11 0.50 0.00	21.14 0.27 0.00	21.22 0.29 0.00
WETHRSFD_WT_PWR 323626	21.84 -0.32 -0.52	17.39 -0.24 -0.69	15.37 -0.16 -0.72	15.39 -0.15 -0.64	15.37 -0.03 -0.34	15.27 0.00 -0.60	16.29 -0.25 -0.01	15.98 -0.24 -0.08	17.57 -0.38 0.00	18.32 -0.22 0.00	18.44 -0.36 0.00	18.91 -0.44 0.00	19.49 -0.40 0.00	20.51 -0.33 0.00	21.04 -0.06 0.00	22.13 0.00 0.00	25.03 -0.56 -0.22	27.98 -0.63 -0.15	27.82 -0.60 -0.09	26.69 -0.60 -0.22	25.18 -0.33 -0.03	21.91 0.30 0.00	20.77 -0.10 0.00	21.16 0.23 0.00
WHAVSTOR_138KV_BK127 55557	25.82 1.34 -2.83	21.72 1.00 -3.78	19.66 0.92 -3.93	19.26 0.86 -3.49	17.76 0.83 -1.88	18.76 0.81 -3.28	17.46 0.88 -0.05	17.51 0.92 -0.46	19.06 1.11 0.00	19.75 1.21 0.00	20.03 1.24 0.00	20.78 1.43 0.00	21.44 1.55 0.00	22.49 1.65 0.00	22.87 1.77 0.00	23.97 1.84 0.00	28.73 2.13 -1.23	31.60 2.33 -0.81	31.02 2.21 -0.49	30.33 2.06 -1.21	27.54 1.89 -0.18	23.16 1.56 0.00	22.37 1.50 0.00	22.31 1.38 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.82 1.34 -2.83	21.72 1.00 -3.78	19.66 0.92 -3.93	19.26 0.86 -3.49	17.76 0.83 -1.88	18.76 0.81 -3.28	17.46 0.88 -0.05	17.51 0.92 -0.46	19.06 1.11 0.00	19.75 1.21 0.00	20.03 1.24 0.00	20.78 1.43 0.00	21.44 1.55 0.00	22.49 1.65 0.00	22.87 1.77 0.00	23.97 1.84 0.00	28.73 2.13 -1.23	31.60 2.33 -0.81	31.02 2.21 -0.49	30.33 2.06 -1.21	27.54 1.89 -0.18	23.16 1.56 0.00	22.37 1.50 0.00	22.31 1.38 0.00
WHITEHAL_115KV_TB1 80871	26.93 1.34 -3.95	23.17 0.95 -5.27	21.12 0.83 -5.48	20.58 0.80 -4.87	18.56 0.89 -2.62	20.10 0.85 -4.58	17.46 0.86 -0.07	17.63 0.86 -0.64	18.97 1.02 0.00	19.58 1.04 0.00	19.87 1.07 0.00	20.51 1.16 0.00	21.08 1.19 0.00	22.07 1.23 0.00	22.41 1.31 0.00	23.50 1.37 0.00	28.84 1.75 -1.72	31.72 2.13 -1.13	31.27 2.27 -0.68	30.86 2.11 -1.69	27.86 2.14 -0.25	23.27 1.66 0.00	22.29 1.42 0.00	22.17 1.23 0.00
WHITEPLN_13_KV_LOAD 356215	26.27 1.67 -2.95	22.13 1.24 -3.95	20.05 1.14 -4.10	19.62 1.07 -3.64	18.02 1.01 -1.96	19.11 1.01 -3.42	17.69 1.11 -0.05	17.78 1.16 -0.48	19.35 1.40 0.00	20.05 1.50 0.00	20.35 1.56 0.00	21.13 1.78 0.00	21.80 1.91 0.00	22.85 2.00 0.00	23.25 2.15 0.00	24.32 2.19 0.00	29.24 2.59 -1.29	32.18 2.87 -0.84	31.55 2.72 -0.51	30.87 2.54 -1.26	28.03 2.37 -0.18	23.55 1.94 0.00	22.79 1.92 0.00	22.69 1.76 0.00
WM_FLOYD_69_KV_BK2 356380	27.27 2.64 -2.98	23.04 1.93 -4.17	23.91 1.78 -7.32	21.24 1.73 -4.60	18.81 1.78 -1.98	20.44 1.67 -4.10	18.44 1.85 -0.05	18.49 1.87 -0.48	20.10 2.14 -0.02	22.28 2.23 -1.51	23.24 2.26 -2.19	25.33 2.50 -3.48	35.74 2.67 -13.18	26.79 2.71 -3.23	27.02 2.85 -3.07	37.88 3.03 -12.72	54.48 3.53 -25.59	53.07 3.98 -20.63	58.34 3.85 -26.16	43.12 3.60 -12.45	40.63 3.36 -11.79	38.65 2.83 -14.21	27.57 2.69 -4.00	26.53 2.55 -3.05
WOODARD__115KV_TB2 355635	21.82 -0.09 -0.26	17.22 -0.07 -0.34	15.12 -0.04 -0.36	15.18 -0.04 -0.32	15.18 -0.05 -0.17	14.94 -0.03 -0.30	16.39 -0.15 0.00	16.03 -0.15 -0.04	17.75 -0.20 0.00	18.36 -0.19 0.00	18.59 -0.21 0.00	19.06 -0.29 0.00	19.61 -0.28 0.00	20.53 -0.31 0.00	20.89 -0.21 0.00	21.93 -0.20 0.00	25.20 -0.28 -0.11	28.22 -0.31 -0.07	28.06 -0.31 -0.04	26.88 -0.30 -0.11	25.24 -0.25 -0.02	21.46 -0.15 0.00	20.64 -0.23 0.00	20.72 -0.21 0.00
YORK___WARBASSE 23770	26.32 1.71 -2.96	22.12 1.22 -3.96	20.02 1.10 -4.11	19.59 1.03 -3.65	18.00 0.98 -1.97	19.00 0.89 -3.43	17.51 0.93 -0.05	17.66 1.05 -0.48	19.19 1.24 0.00	19.94 1.39 0.00	20.28 1.48 0.00	21.09 1.74 0.00	21.80 1.91 0.00	22.87 2.02 0.00	23.17 2.07 0.00	24.30 2.17 0.00	29.25 2.59 -1.29	32.06 2.76 -0.85	31.36 2.52 -0.51	30.71 2.38 -1.27	27.88 2.22 -0.18	23.42 1.82 0.00	22.79 1.92 0.00	22.73 1.80 0.00