

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/14/2023

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	26.65	22.79	21.28	20.82	21.13	22.75	26.30	29.31	28.22	27.31	26.21	25.87	25.64	26.32	26.40	26.77	34.09	36.07	38.15	36.15	31.32	27.62	25.91	23.32
24138	1.21	1.03	0.98	1.00	1.04	0.99	1.29	1.46	1.52	1.42	1.36	1.16	1.08	1.37	1.39	1.59	1.69	1.64	2.09	1.97	1.81	1.61	1.50	1.36
	-5.59	-3.02	-3.76	-2.56	-1.92	-2.66	-0.27	-3.05	-3.03	-4.34	-4.62	-7.63	-9.20	-6.46	-5.51	-4.47	-11.07	-12.78	-6.25	-4.73	-0.31	-0.87	-2.42	-0.34
74TH STREET_GT_1	26.63	22.78	21.18	20.80	21.10	22.68	26.23	29.24	28.19	27.31	26.19	25.87	25.63	26.19	26.38	26.71	34.01	35.96	38.03	36.03	31.29	27.55	25.82	23.30
24260	1.19	1.01	0.88	0.98	1.00	0.92	1.21	1.39	1.49	1.42	1.34	1.16	1.06	1.24	1.37	1.53	1.60	1.54	1.97	1.86	1.78	1.53	1.41	1.34
	-5.60	-3.02	-3.76	-2.56	-1.92	-2.66	-0.27	-3.05	-3.03	-4.34	-4.62	-7.63	-9.20	-6.46	-5.51	-4.47	-11.07	-12.78	-6.25	-4.73	-0.31	-0.87	-2.42	-0.34
74TH STREET_GT_2	26.63	22.78	21.18	20.80	21.10	22.68	26.23	29.24	28.19	27.31	26.19	25.87	25.63	26.19	26.38	26.71	34.01	35.96	38.03	36.03	31.29	27.55	25.82	23.30
24261	1.19	1.01	0.88	0.98	1.00	0.92	1.21	1.39	1.49	1.42	1.34	1.16	1.06	1.24	1.37	1.53	1.60	1.54	1.97	1.86	1.78	1.53	1.41	1.34
	-5.60	-3.02	-3.76	-2.56	-1.92	-2.66	-0.27	-3.05	-3.03	-4.34	-4.62	-7.63	-9.20	-6.46	-5.51	-4.47	-11.07	-12.78	-6.25	-4.73	-0.31	-0.87	-2.42	-0.34
ADK HUDSON___FALLS	28.58	23.99	22.52	21.68	21.90	23.96	27.22	30.76	29.49	28.79	27.73	28.21	28.30	28.05	27.88	27.67	35.70	39.35	39.95	37.64	31.80	28.16	26.69	23.57
24011	1.45	1.31	1.08	1.09	1.22	1.39	2.13	1.98	1.87	1.59	1.48	1.20	0.95	1.15	1.19	1.14	1.24	1.38	2.00	2.03	2.19	1.89	1.54	1.51
	-7.29	-3.93	-4.90	-3.33	-2.50	-3.47	-0.35	-3.98	-3.95	-5.65	-6.02	-9.94	-11.98	-8.42	-7.18	-5.82	-13.12	-16.33	-8.14	-6.16	-0.40	-1.14	-3.15	-0.44
ADK RESOURCE___RCVRY	28.74	24.12	22.69	21.85	22.04	24.09	27.42	31.03	29.73	28.99	27.89	28.35	28.41	28.17	28.00	27.86	35.90	39.57	40.22	37.94	32.09	28.46	26.89	23.70
23798	1.61	1.44	1.24	1.26	1.36	1.53	2.33	2.26	2.11	1.79	1.64	1.33	1.06	1.26	1.31	1.33	1.43	1.60	2.26	2.33	2.48	2.19	1.74	1.64
	-7.29	-3.93	-4.90	-3.34	-2.51	-3.47	-0.35	-3.98	-3.95	-5.65	-6.02	-9.95	-11.98	-8.42	-7.18	-5.82	-13.13	-16.33	-8.14	-6.16	-0.40	-1.14	-3.16	-0.44
ADK S GLENS___FALLS	28.58	23.99	22.52	21.68	21.90	23.96	27.22	30.76	29.49	28.79	27.73	28.21	28.30	28.05	27.88	27.67	35.70	39.35	39.95	37.64	31.80	28.16	26.69	23.57
24028	1.45	1.31	1.08	1.09	1.22	1.39	2.13	1.98	1.87	1.59	1.48	1.20	0.95	1.15	1.19	1.14	1.24	1.38	2.00	2.03	2.19	1.89	1.54	1.51
	-7.29	-3.93	-4.90	-3.33	-2.50	-3.47	-0.35	-3.98	-3.95	-5.65	-6.02	-9.94	-11.98	-8.42	-7.18	-5.82	-13.12	-16.33	-8.14	-6.16	-0.40	-1.14	-3.15	-0.44
ADK_NYS___DAM	27.89	23.51	22.11	21.33	21.47	23.47	26.37	29.89	28.65	28.09	27.07	27.61	27.77	27.59	27.45	27.39	34.49	38.46	39.20	36.95	31.03	27.53	26.19	23.13
23527	0.95	0.94	0.79	0.83	0.85	0.99	1.29	1.21	1.14	1.03	0.97	0.85	0.74	0.91	0.96	1.01	1.02	1.08	1.46	1.50	1.43	1.28	1.12	1.08
	-7.10	-3.83	-4.77	-3.25	-2.44	-3.37	-0.35	-3.87	-3.84	-5.50	-5.87	-9.68	-11.67	-8.20	-6.99	-5.67	-12.13	-15.74	-7.93	-6.00	-0.39	-1.11	-3.07	-0.43
AIR_PRODUCTS___DRP	27.31	22.99	21.78	20.98	21.13	23.02	25.83	29.41	28.03	27.47	26.50	27.12	27.41	27.08	26.86	26.74	34.65	38.06	38.30	35.98	30.13	26.74	25.51	22.51
24190	0.30	0.37	0.41	0.45	0.49	0.52	0.74	0.69	0.47	0.37	0.34	0.27	0.26	0.31	0.29	0.31	0.32	0.35	0.48	0.47	0.53	0.48	0.42	0.45
	-7.17	-3.87	-4.82	-3.28	-2.46	-3.41	-0.35	-3.91	-3.88	-5.56	-5.92	-9.78	-11.78	-8.28	-7.06	-5.72	-12.99	-16.08	-8.01	-6.06	-0.40	-1.12	-3.10	-0.43
AKWESSNE_115KV_BK	19.51	18.48	16.31	17.03	17.94	18.85	24.15	24.23	23.13	21.10	19.83	16.71	15.03	18.10	19.10	20.29	20.87	21.10	29.19	28.86	28.53	24.53	21.42	21.08
355683	-0.34	-0.26	-0.23	-0.22	-0.24	-0.25	-0.59	-0.57	-0.54	-0.45	-0.40	-0.36	-0.34	-0.39	-0.41	-0.41	-0.47	-0.54	-0.63	-0.59	-0.67	-0.60	-0.57	-0.54
	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	27.31	22.99	21.78	20.98	21.13	23.02	25.83	29.41	28.03	27.47	26.50	27.12	27.41	27.08	26.86	26.74	34.65	38.06	38.30	35.98	30.13	26.74	25.51	22.51
23571	0.30	0.37	0.41	0.45	0.49	0.52	0.74	0.69	0.47	0.37	0.34	0.27	0.26	0.31	0.29	0.31	0.32	0.35	0.48	0.47	0.53	0.48	0.42	0.45
	-7.17	-3.87	-4.82	-3.28	-2.46	-3.41	-0.35	-3.91	-3.88	-5.56	-5.92	-9.78	-11.78	-8.28	-7.06	-5.72	-12.99	-16.08	-8.01	-6.06	-0.40	-1.12	-3.10	-0.43
ALBANY___2	27.31	22.99	21.78	20.98	21.13	23.02	25.83	29.41	28.03	27.47	26.50	27.12	27.41	27.08	26.86	26.74	34.65	38.06	38.30	35.98	30.13	26.74	25.51	22.51
23572	0.30	0.37	0.41	0.45	0.49	0.52	0.74	0.69	0.47	0.37	0.34	0.27	0.26	0.31	0.29	0.31	0.32	0.35	0.48	0.47	0.53	0.48	0.42	0.45
	-7.17	-3.87	-4.82	-3.28	-2.46	-3.41	-0.35	-3.91	-3.88	-5.56	-5.92	-9.78	-11.78	-8.28	-7.06	-5.72	-12.99	-16.08	-8.01	-6.06	-0.40	-1.12	-3.10	-0.43
ALBANY___3	27.31	22.99	21.78	20.98	21.13	23.02	25.83	29.41	28.03	27.47	26.50	27.12	27.41	27.08	26.86	26.74	34.65	38.06	38.30	35.98	30.13	26.74	25.51	22.51
23573	0.30	0.37	0.41	0.45	0.49	0.52	0.74	0.69	0.47	0.37	0.34	0.27	0.26	0.31	0.29	0.31	0.32	0.35	0.48	0.47	0.53	0.48	0.42	0.45
	-7.17	-3.87	-4.82	-3.28	-2.46	-3.41	-0.35	-3.91	-3.88	-5.56	-5.92	-9.78	-11.78	-8.28	-7.06	-5.72	-12.99	-16.08	-8.01	-6.06	-0.40	-1.12	-3.10	-0.43

ALBANY___4 23574	27.31 0.30 -7.17	22.99 0.37 -3.87	21.78 0.41 -4.82	20.98 0.45 -3.28	21.13 0.49 -2.46	23.02 0.52 -3.41	25.83 0.74 -0.35	29.41 0.69 -3.91	28.03 0.47 -3.88	27.47 0.37 -5.56	26.50 0.34 -5.92	27.12 0.27 -9.78	27.41 0.26 -11.78	27.08 0.31 -8.28	26.86 0.29 -7.06	26.74 0.31 -5.72	34.65 0.32 -12.99	38.06 0.35 -16.08	38.30 0.48 -8.01	35.98 0.47 -6.06	30.13 0.53 -0.40	26.74 0.48 -1.12	25.51 0.42 -3.10	22.51 0.45 -0.43
ALBANY___LFGE 323615	27.54 0.50 -7.20	23.15 0.52 -3.88	21.84 0.46 -4.84	21.08 0.54 -3.29	21.21 0.56 -2.47	23.07 0.55 -3.42	25.88 0.79 -0.35	29.47 0.74 -3.93	28.26 0.69 -3.90	27.71 0.58 -5.58	26.70 0.53 -5.95	27.32 0.43 -9.82	27.60 0.40 -11.83	27.24 0.44 -8.31	27.06 0.47 -7.09	27.01 0.56 -5.75	34.91 0.58 -13.00	38.37 0.61 -16.13	38.68 0.83 -8.04	36.39 0.85 -6.08	30.45 0.85 -0.40	27.04 0.78 -1.12	25.79 0.68 -3.11	22.70 0.65 -0.44
ALCOA_PA_115KV_PL-6C 55860	19.55 -0.30 0.00	18.54 -0.21 0.00	16.36 -0.18 0.00	17.08 -0.17 0.00	18.01 -0.16 0.00	18.93 -0.17 0.00	24.22 -0.52 0.00	24.28 -0.52 0.00	23.17 -0.50 0.00	21.12 -0.43 0.00	19.85 -0.38 0.00	16.71 -0.36 0.00	15.03 -0.34 0.00	18.12 -0.37 0.00	19.12 -0.39 0.00	20.32 -0.39 0.00	20.89 -0.45 0.00	21.12 -0.52 0.00	29.28 -0.54 0.00	28.92 -0.53 0.00	28.59 -0.61 0.00	24.56 -0.58 0.00	21.42 -0.57 0.00	21.10 -0.52 0.00
ALCOA_RYNLDS___DRP 24188	19.55 -0.30 0.00	18.54 -0.21 0.00	16.36 -0.18 0.00	17.08 -0.17 0.00	18.01 -0.16 0.00	18.93 -0.17 0.00	24.22 -0.52 0.00	24.28 -0.52 0.00	23.17 -0.50 0.00	21.12 -0.43 0.00	19.85 -0.38 0.00	16.71 -0.36 0.00	15.03 -0.34 0.00	18.12 -0.37 0.00	19.12 -0.39 0.00	20.32 -0.39 0.00	20.89 -0.45 0.00	21.12 -0.52 0.00	29.28 -0.54 0.00	28.92 -0.53 0.00	28.59 -0.61 0.00	24.56 -0.58 0.00	21.42 -0.57 0.00	21.10 -0.52 0.00
ALCOA___DSASP 323711	19.55 -0.30 0.00	18.54 -0.21 0.00	16.33 -0.22 0.00	17.08 -0.17 0.00	18.01 -0.16 0.00	18.93 -0.17 0.00	24.20 -0.54 0.00	24.28 -0.52 0.00	23.17 -0.50 0.00	21.12 -0.43 0.00	19.85 -0.39 0.00	16.71 -0.36 0.00	15.03 -0.34 0.00	18.13 -0.35 0.00	19.12 -0.39 0.00	20.29 -0.41 0.00	20.85 -0.49 0.00	21.06 -0.58 0.00	29.28 -0.54 0.00	28.92 -0.53 0.00	28.59 -0.61 0.00	24.53 -0.60 0.00	21.45 -0.55 0.00	21.10 -0.52 0.00
ALLEGHENY___COGEN 23514	21.35 0.99 -0.51	19.83 0.81 -0.28	17.67 0.78 -0.35	18.23 0.74 -0.24	19.06 0.71 -0.18	20.13 0.78 -0.24	26.62 1.86 -0.03	26.76 1.69 -0.28	25.44 1.49 -0.28	23.09 1.14 -0.40	21.61 0.95 -0.42	18.59 0.82 -0.70	16.95 0.74 -0.84	19.85 0.78 -0.59	20.83 0.82 -0.51	21.89 0.77 -0.41	23.21 0.90 -0.97	24.06 1.25 -1.16	31.91 1.52 -0.57	31.59 1.71 -0.43	31.30 2.07 -0.03	26.93 1.71 -0.08	23.63 1.41 -0.22	23.03 1.38 -0.03
ALTAMONT_115KV_TB 2 55880	27.64 0.60 -7.20	23.23 0.60 -3.88	21.91 0.53 -4.84	21.10 0.55 -3.29	21.25 0.60 -2.47	23.15 0.63 -3.42	25.96 0.87 -0.35	29.57 0.84 -3.93	28.33 0.76 -3.90	27.80 0.67 -5.58	26.81 0.63 -5.95	27.42 0.53 -9.82	27.68 0.48 -11.84	27.38 0.57 -8.32	27.18 0.59 -7.09	27.08 0.62 -5.75	35.18 0.64 -13.20	38.50 0.67 -16.19	38.78 0.92 -8.04	36.45 0.91 -6.08	30.54 0.93 -0.40	27.07 0.80 -1.13	25.81 0.70 -3.12	22.77 0.71 -0.44
ALTONA_WT_PWR 323606	19.86 0.02 0.00	18.78 0.04 0.00	16.66 0.12 0.00	17.39 0.14 0.00	18.34 0.16 0.00	19.27 0.17 0.00	24.27 -0.47 0.00	24.50 -0.30 0.00	23.32 -0.35 0.00	21.16 -0.39 0.00	19.79 -0.45 0.00	16.59 -0.48 0.00	14.86 -0.51 0.00	17.91 -0.57 0.00	18.84 -0.66 0.00	20.09 -0.62 0.00	20.68 -0.66 0.00	20.97 -0.67 0.00	29.84 0.03 0.00	29.51 0.06 0.00	29.14 -0.06 0.00	25.01 -0.13 0.00	21.86 -0.13 0.00	21.42 -0.19 0.00
AMERICAN_REF_FUEL 24010	19.85 -0.46 -0.46	18.54 -0.45 -0.25	16.44 -0.41 -0.31	17.10 -0.36 -0.21	17.81 -0.53 -0.16	18.65 -0.67 -0.22	24.91 0.15 -0.02	24.60 -0.45 -0.25	23.49 -0.43 -0.25	21.56 -0.35 -0.35	20.22 -0.39 -0.38	17.51 -0.19 -0.62	15.95 -0.17 -0.75	18.70 -0.31 -0.53	19.65 -0.31 -0.45	20.52 -0.56 -0.37	21.57 -0.64 -0.87	22.27 -0.41 -1.04	28.95 -1.37 -0.51	28.69 -1.15 -0.39	28.47 -0.76 -0.03	24.56 -0.65 -0.07	21.77 -0.42 -0.20	21.67 0.02 -0.03
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.71 0.36 -0.51	19.30 0.28 -0.28	17.13 0.25 -0.34	17.78 0.29 -0.23	18.53 0.18 -0.18	19.48 0.13 -0.24	26.03 1.26 -0.02	25.79 0.72 -0.28	24.73 0.78 -0.28	22.68 0.73 -0.39	21.26 0.61 -0.42	18.43 0.67 -0.69	16.80 0.60 -0.84	19.68 0.61 -0.59	20.63 0.62 -0.50	21.53 0.41 -0.41	22.69 0.38 -0.97	23.44 0.65 -1.16	30.50 0.12 -0.57	30.15 0.26 -0.43	30.02 0.79 -0.03	25.92 0.70 -0.08	22.79 0.57 -0.22	22.62 0.97 -0.03
ARTHUR_KILL_GT_1 23520	26.51 1.07 -5.60	22.59 0.82 -3.02	21.13 0.83 -3.76	20.66 0.85 -2.56	20.97 0.87 -1.92	22.39 0.63 -2.66	25.75 0.74 -0.26	28.86 1.02 -3.05	27.83 1.14 -3.02	26.98 1.10 -4.33	25.92 1.07 -4.62	25.65 0.96 -7.63	25.43 0.88 -9.19	26.09 1.15 -6.46	26.12 1.11 -5.50	26.49 1.33 -4.46	33.87 1.47 -11.06	35.84 1.43 -12.78	37.84 1.79 -6.24	35.82 1.65 -4.72	30.88 1.37 -0.30	27.19 1.18 -0.87	25.57 1.16 -2.41	22.99 1.04 -0.34
ARTHUR_KILL_2 23512	26.47 1.03 -5.60	22.55 0.79 -3.02	21.10 0.79 -3.76	20.63 0.81 -2.56	20.92 0.82 -1.92	22.35 0.59 -2.66	25.70 0.69 -0.26	28.81 0.97 -3.05	27.78 1.09 -3.02	26.94 1.06 -4.33	25.86 1.01 -4.62	25.60 0.90 -7.63	25.39 0.83 -9.19	26.03 1.09 -6.46	26.06 1.05 -5.50	26.43 1.26 -4.46	33.81 1.41 -11.06	35.78 1.36 -12.78	37.75 1.70 -6.24	35.73 1.56 -4.72	30.79 1.28 -0.30	27.11 1.10 -0.87	25.51 1.10 -2.41	22.93 0.97 -0.34
ARTHUR_KILL_3 23513	26.43 0.99 -5.60	22.61 0.84 -3.02	21.13 0.83 -3.76	20.68 0.86 -2.56	20.99 0.89 -1.92	22.56 0.80 -2.66	26.03 1.01 -0.27	29.02 1.17 -3.05	27.93 1.23 -3.03	27.03 1.14 -4.34	25.95 1.09 -4.62	25.66 0.96 -7.63	25.44 0.88 -9.20	26.10 1.15 -6.46	26.17 1.15 -5.51	26.56 1.39 -4.47	33.88 1.47 -11.07	35.76 1.34 -12.78	37.73 1.67 -6.25	35.77 1.59 -4.73	31.03 1.52 -0.31	27.37 1.36 -0.87	25.69 1.28 -2.42	23.10 1.14 -0.34
ARTHUR_KILL_COGEN 323718	26.51 1.07 -5.60	22.59 0.82 -3.02	21.13 0.83 -3.76	20.66 0.85 -2.56	20.97 0.87 -1.92	22.39 0.63 -2.66	25.75 0.74 -0.26	28.86 1.02 -3.05	27.83 1.14 -3.02	26.98 1.10 -4.33	25.92 1.07 -4.62	25.65 0.96 -7.63	25.43 0.88 -9.19	26.09 1.15 -6.46	26.12 1.11 -5.50	26.49 1.33 -4.46	33.87 1.47 -11.06	35.84 1.43 -12.78	37.84 1.79 -6.24	35.82 1.65 -4.72	30.88 1.37 -0.30	27.19 1.18 -0.87	25.57 1.16 -2.41	22.99 1.04 -0.34
ASHOKAN____ 23654	26.51 0.34 -6.33	22.48 0.32 -3.41	21.11 0.31 -4.26	20.48 0.33 -2.90	20.68 0.33 -2.17	22.34 0.23 -3.01	26.21 1.16 -0.31	28.53 0.27 -3.46	27.24 0.14 -3.43	26.52 0.06 -4.91	25.46 0.00 -5.23	25.62 -0.08 -8.64	25.73 -0.05 -10.41	25.72 -0.07 -7.31	25.74 0.00 -6.24	25.89 0.13 -5.05	34.35 1.15 -11.86	36.26 0.33 -14.30	37.51 0.63 -7.07	35.33 0.53 -5.35	30.90 1.34 -0.35	27.23 1.10 -0.99	24.98 0.24 -2.74	23.06 1.06 -0.38

ASTORIA_EAST_ENERGY_CC1 323581	26.45 1.01 -5.60	22.61 0.84 -3.02	21.13 0.83 -3.76	20.64 0.83 -2.56	20.95 0.85 -1.92	22.44 0.69 -2.65	25.82 0.82 -0.26	28.89 1.04 -3.05	27.83 1.14 -3.02	26.98 1.10 -4.33	25.88 1.03 -4.62	25.62 0.92 -7.63	25.40 0.84 -9.19	26.03 1.09 -6.46	26.08 1.07 -5.50	26.45 1.28 -4.46	33.77 1.37 -11.06	35.74 1.32 -12.78	37.69 1.64 -6.24	35.70 1.53 -4.72	30.82 1.32 -0.30	27.16 1.16 -0.87	25.56 1.14 -2.42	22.95 0.99 -0.34
ASTORIA_EAST_ENERGY_CC2 323582	26.45 1.01 -5.60	22.61 0.84 -3.02	21.13 0.83 -3.76	20.64 0.83 -2.56	20.95 0.85 -1.92	22.44 0.69 -2.65	25.82 0.82 -0.26	28.89 1.04 -3.05	27.83 1.14 -3.02	26.98 1.10 -4.33	25.88 1.03 -4.62	25.62 0.92 -7.63	25.40 0.84 -9.19	26.03 1.09 -6.46	26.08 1.07 -5.50	26.45 1.28 -4.46	33.77 1.37 -11.06	35.74 1.32 -12.78	37.69 1.64 -6.24	35.70 1.53 -4.72	30.82 1.32 -0.30	27.16 1.16 -0.87	25.56 1.14 -2.42	22.95 0.99 -0.34
ASTORIA_GT2_1 24094	26.45 1.01 -5.60	22.61 0.84 -3.02	20.97 0.66 -3.76	20.64 0.83 -2.56	20.90 0.80 -1.92	22.39 0.63 -2.66	25.78 0.77 -0.27	28.87 1.02 -3.05	27.84 1.14 -3.03	27.01 1.12 -4.34	25.91 1.05 -4.62	25.63 0.92 -7.63	25.43 0.86 -9.20	25.91 0.96 -6.46	26.11 1.09 -5.51	26.42 1.24 -4.47	33.71 1.30 -11.07	35.66 1.23 -12.78	37.58 1.52 -6.25	35.59 1.41 -4.73	30.83 1.31 -0.31	27.12 1.11 -0.87	25.49 1.08 -2.42	22.95 0.99 -0.34
ASTORIA_GT2_2 24095	26.45 1.01 -5.60	22.61 0.84 -3.02	20.97 0.66 -3.76	20.64 0.83 -2.56	20.90 0.80 -1.92	22.39 0.63 -2.66	25.78 0.77 -0.27	28.87 1.02 -3.05	27.84 1.14 -3.03	27.01 1.12 -4.34	25.91 1.05 -4.62	25.63 0.92 -7.63	25.43 0.86 -9.20	25.91 0.96 -6.46	26.11 1.09 -5.51	26.42 1.24 -4.47	33.71 1.30 -11.07	35.66 1.23 -12.78	37.58 1.52 -6.25	35.59 1.41 -4.73	30.83 1.31 -0.31	27.12 1.11 -0.87	25.49 1.08 -2.42	22.95 0.99 -0.34
ASTORIA_GT2_3 24096	26.45 1.01 -5.60	22.61 0.84 -3.02	20.97 0.66 -3.76	20.64 0.83 -2.56	20.90 0.80 -1.92	22.39 0.63 -2.66	25.78 0.77 -0.27	28.87 1.02 -3.05	27.84 1.14 -3.03	27.01 1.12 -4.34	25.91 1.05 -4.62	25.63 0.92 -7.63	25.43 0.86 -9.20	25.91 0.96 -6.46	26.11 1.09 -5.51	26.42 1.24 -4.47	33.71 1.30 -11.07	35.66 1.23 -12.78	37.58 1.52 -6.25	35.59 1.41 -4.73	30.83 1.31 -0.31	27.12 1.11 -0.87	25.49 1.08 -2.42	22.95 0.99 -0.34
ASTORIA_GT2_4 24097	26.45 1.01 -5.60	22.61 0.84 -3.02	20.97 0.66 -3.76	20.64 0.83 -2.56	20.90 0.80 -1.92	22.39 0.63 -2.66	25.78 0.77 -0.27	28.87 1.02 -3.05	27.84 1.14 -3.03	27.01 1.12 -4.34	25.91 1.05 -4.62	25.63 0.92 -7.63	25.43 0.86 -9.20	25.91 0.96 -6.46	26.11 1.09 -5.51	26.42 1.24 -4.47	33.71 1.30 -11.07	35.66 1.23 -12.78	37.58 1.52 -6.25	35.59 1.41 -4.73	30.83 1.31 -0.31	27.12 1.11 -0.87	25.49 1.08 -2.42	22.95 0.99 -0.34
ASTORIA_GT3_1 24098	26.45 1.01 -5.60	22.61 0.84 -3.02	20.97 0.66 -3.76	20.64 0.83 -2.56	20.90 0.80 -1.92	22.39 0.63 -2.66	25.78 0.77 -0.27	28.87 1.02 -3.05	27.84 1.14 -3.03	27.01 1.12 -4.34	25.91 1.05 -4.62	25.63 0.92 -7.63	25.43 0.86 -9.20	25.91 0.96 -6.46	26.11 1.09 -5.51	26.42 1.24 -4.47	33.71 1.30 -11.07	35.66 1.23 -12.78	37.58 1.52 -6.25	35.59 1.41 -4.73	30.83 1.31 -0.31	27.12 1.11 -0.87	25.49 1.08 -2.42	22.95 0.99 -0.34
ASTORIA_GT3_2 24099	26.45 1.01 -5.60	22.61 0.84 -3.02	20.97 0.66 -3.76	20.64 0.83 -2.56	20.90 0.80 -1.92	22.39 0.63 -2.66	25.78 0.77 -0.27	28.87 1.02 -3.05	27.84 1.14 -3.03	27.01 1.12 -4.34	25.91 1.05 -4.62	25.63 0.92 -7.63	25.43 0.86 -9.20	25.91 0.96 -6.46	26.11 1.09 -5.51	26.42 1.24 -4.47	33.71 1.30 -11.07	35.66 1.23 -12.78	37.58 1.52 -6.25	35.59 1.41 -4.73	30.83 1.31 -0.31	27.12 1.11 -0.87	25.49 1.08 -2.42	22.95 0.99 -0.34
ASTORIA_GT3_3 24100	26.45 1.01 -5.60	22.61 0.84 -3.02	20.97 0.66 -3.76	20.64 0.83 -2.56	20.90 0.80 -1.92	22.39 0.63 -2.66	25.78 0.77 -0.27	28.87 1.02 -3.05	27.84 1.14 -3.03	27.01 1.12 -4.34	25.91 1.05 -4.62	25.63 0.92 -7.63	25.43 0.86 -9.20	25.91 0.96 -6.46	26.11 1.09 -5.51	26.42 1.24 -4.47	33.71 1.30 -11.07	35.66 1.23 -12.78	37.58 1.52 -6.25	35.59 1.41 -4.73	30.83 1.31 -0.31	27.12 1.11 -0.87	25.49 1.08 -2.42	22.95 0.99 -0.34
ASTORIA_GT3_4 24101	26.45 1.01 -5.60	22.61 0.84 -3.02	20.97 0.66 -3.76	20.64 0.83 -2.56	20.90 0.80 -1.92	22.39 0.63 -2.66	25.78 0.77 -0.27	28.87 1.02 -3.05	27.84 1.14 -3.03	27.01 1.12 -4.34	25.91 1.05 -4.62	25.63 0.92 -7.63	25.43 0.86 -9.20	25.91 0.96 -6.46	26.11 1.09 -5.51	26.42 1.24 -4.47	33.71 1.30 -11.07	35.66 1.23 -12.78	37.58 1.52 -6.25	35.59 1.41 -4.73	30.83 1.31 -0.31	27.12 1.11 -0.87	25.49 1.08 -2.42	22.95 0.99 -0.34
ASTORIA_GT4_1 24102	26.45 1.01 -5.60	22.61 0.84 -3.02	20.97 0.66 -3.76	20.64 0.83 -2.56	20.90 0.80 -1.92	22.39 0.63 -2.66	25.78 0.77 -0.27	28.87 1.02 -3.05	27.84 1.14 -3.03	27.01 1.12 -4.34	25.91 1.05 -4.62	25.63 0.92 -7.63	25.43 0.86 -9.20	25.91 0.96 -6.46	26.11 1.09 -5.51	26.42 1.24 -4.47	33.71 1.30 -11.07	35.66 1.23 -12.78	37.58 1.52 -6.25	35.59 1.41 -4.73	30.83 1.31 -0.31	27.12 1.11 -0.87	25.49 1.08 -2.42	22.95 0.99 -0.34
ASTORIA_GT4_2 24103	26.45 1.01 -5.60	22.61 0.84 -3.02	20.97 0.66 -3.76	20.64 0.83 -2.56	20.90 0.80 -1.92	22.39 0.63 -2.66	25.78 0.77 -0.27	28.87 1.02 -3.05	27.84 1.14 -3.03	27.01 1.12 -4.34	25.91 1.05 -4.62	25.63 0.92 -7.63	25.43 0.86 -9.20	25.91 0.96 -6.46	26.11 1.09 -5.51	26.42 1.24 -4.47	33.71 1.30 -11.07	35.66 1.23 -12.78	37.58 1.52 -6.25	35.59 1.41 -4.73	30.83 1.31 -0.31	27.12 1.11 -0.87	25.49 1.08 -2.42	22.95 0.99 -0.34
ASTORIA_GT4_3 24104	26.45 1.01 -5.60	22.61 0.84 -3.02	20.97 0.66 -3.76	20.64 0.83 -2.56	20.90 0.80 -1.92	22.39 0.63 -2.66	25.78 0.77 -0.27	28.87 1.02 -3.05	27.84 1.14 -3.03	27.01 1.12 -4.34	25.91 1.05 -4.62	25.63 0.92 -7.63	25.43 0.86 -9.20	25.91 0.96 -6.46	26.11 1.09 -5.51	26.42 1.24 -4.47	33.71 1.30 -11.07	35.66 1.23 -12.78	37.58 1.52 -6.25	35.59 1.41 -4.73	30.83 1.31 -0.31	27.12 1.11 -0.87	25.49 1.08 -2.42	22.95 0.99 -0.34
ASTORIA_GT4_4 24105	26.45 1.01 -5.60	22.61 0.84 -3.02	20.97 0.66 -3.76	20.64 0.83 -2.56	20.90 0.80 -1.92	22.39 0.63 -2.66	25.78 0.77 -0.27	28.87 1.02 -3.05	27.84 1.14 -3.03	27.01 1.12 -4.34	25.91 1.05 -4.62	25.63 0.92 -7.63	25.43 0.86 -9.20	25.91 0.96 -6.46	26.11 1.09 -5.51	26.42 1.24 -4.47	33.71 1.30 -11.07	35.66 1.23 -12.78	37.58 1.52 -6.25	35.59 1.41 -4.73	30.83 1.31 -0.31	27.12 1.11 -0.87	25.49 1.08 -2.42	22.95 0.99 -0.34
ASTORIA_GT_1 23523	26.49 1.05 -5.60	22.65 0.88 -3.02	21.16 0.86 -3.76	20.68 0.86 -2.56	20.99 0.89 -1.92	22.48 0.73 -2.65	25.87 0.87 -0.26	28.96 1.12 -3.05	27.88 1.18 -3.02	27.04 1.16 -4.33	25.94 1.09 -4.62	25.65 0.96 -7.63	25.45 0.89 -9.19	26.09 1.15 -6.46	26.14 1.13 -5.50	26.51 1.35 -4.46	33.83 1.43 -11.06	35.78 1.36 -12.78	37.75 1.70 -6.24	35.76 1.59 -4.72	30.88 1.37 -0.30	27.21 1.21 -0.87	25.62 1.21 -2.42	22.99 1.04 -0.34

ASTORIA_GT_10 24110	26.51 1.07 -5.60	22.66 0.90 -3.02	21.05 0.74 -3.76	20.71 0.90 -2.56	20.97 0.87 -1.92	22.50 0.74 -2.66	25.95 0.94 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.12 1.23 -4.34	26.03 1.17 -4.62	25.73 1.02 -7.63	25.52 0.95 -9.20	26.02 1.07 -6.46	26.23 1.21 -5.51	26.54 1.37 -4.47	33.84 1.43 -11.07	35.79 1.36 -12.78	37.76 1.70 -6.25	35.77 1.59 -4.73	31.00 1.49 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.10 1.15 -0.34
ASTORIA_GT_11 24225	26.51 1.07 -5.60	22.66 0.90 -3.02	21.05 0.74 -3.76	20.71 0.90 -2.56	20.97 0.87 -1.92	22.50 0.74 -2.66	25.95 0.94 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.12 1.23 -4.34	26.03 1.17 -4.62	25.73 1.02 -7.63	25.52 0.95 -9.20	26.02 1.07 -6.46	26.23 1.21 -5.51	26.54 1.37 -4.47	33.84 1.43 -11.07	35.79 1.36 -12.78	37.76 1.70 -6.25	35.77 1.59 -4.73	31.00 1.49 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.10 1.15 -0.34
ASTORIA_GT_12 24226	26.51 1.07 -5.60	22.66 0.90 -3.02	21.05 0.74 -3.76	20.71 0.90 -2.56	20.97 0.87 -1.92	22.50 0.74 -2.66	25.95 0.94 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.12 1.23 -4.34	26.03 1.17 -4.62	25.73 1.02 -7.63	25.52 0.95 -9.20	26.02 1.07 -6.46	26.23 1.21 -5.51	26.54 1.37 -4.47	33.84 1.43 -11.07	35.79 1.36 -12.78	37.76 1.70 -6.25	35.77 1.59 -4.73	31.00 1.49 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.10 1.15 -0.34
ASTORIA_GT_13 24227	26.51 1.07 -5.60	22.66 0.90 -3.02	21.05 0.74 -3.76	20.71 0.90 -2.56	20.97 0.87 -1.92	22.50 0.74 -2.66	25.95 0.94 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.12 1.23 -4.34	26.03 1.17 -4.62	25.73 1.02 -7.63	25.52 0.95 -9.20	26.02 1.07 -6.46	26.23 1.21 -5.51	26.54 1.37 -4.47	33.84 1.43 -11.07	35.79 1.36 -12.78	37.76 1.70 -6.25	35.77 1.59 -4.73	31.00 1.49 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.10 1.15 -0.34
ASTORIA_GT_5 24106	26.49 1.05 -5.60	22.65 0.88 -3.02	21.16 0.86 -3.76	20.68 0.86 -2.56	20.99 0.89 -1.92	22.48 0.73 -2.65	25.87 0.87 -0.26	28.96 1.12 -3.05	27.88 1.18 -3.02	27.04 1.16 -4.33	25.94 1.09 -4.62	25.65 0.96 -7.63	25.45 0.89 -9.19	26.09 1.15 -6.46	26.14 1.13 -5.50	26.51 1.35 -4.46	33.83 1.43 -11.06	35.78 1.36 -12.78	37.75 1.70 -6.24	35.76 1.59 -4.72	30.88 1.37 -0.30	27.21 1.21 -0.87	25.62 1.21 -2.42	22.99 1.04 -0.34
ASTORIA_GT_7 24107	26.49 1.05 -5.60	22.65 0.88 -3.02	21.16 0.86 -3.76	20.68 0.86 -2.56	20.99 0.89 -1.92	22.48 0.73 -2.65	25.87 0.87 -0.26	28.96 1.12 -3.05	27.88 1.18 -3.02	27.04 1.16 -4.33	25.94 1.09 -4.62	25.65 0.96 -7.63	25.45 0.89 -9.19	26.09 1.15 -6.46	26.14 1.13 -5.50	26.51 1.35 -4.46	33.83 1.43 -11.06	35.78 1.36 -12.78	37.75 1.70 -6.24	35.76 1.59 -4.72	30.88 1.37 -0.30	27.21 1.21 -0.87	25.62 1.21 -2.42	22.99 1.04 -0.34
ASTORIA_GT_8 24108	26.49 1.05 -5.60	22.64 0.88 -3.02	21.00 0.69 -3.76	20.68 0.86 -2.56	20.93 0.84 -1.92	22.41 0.65 -2.66	25.83 0.82 -0.27	28.92 1.07 -3.05	27.89 1.18 -3.03	27.05 1.16 -4.34	25.95 1.09 -4.62	25.66 0.96 -7.63	25.46 0.89 -9.20	25.95 1.00 -6.46	26.15 1.13 -5.51	26.46 1.28 -4.47	33.75 1.34 -11.07	35.70 1.28 -12.78	37.64 1.58 -6.25	35.65 1.47 -4.73	30.88 1.37 -0.31	27.17 1.16 -0.87	25.54 1.12 -2.42	22.99 1.04 -0.34
ASTORIA___2 24149	26.45 1.01 -5.60	22.61 0.84 -3.02	21.15 0.84 -3.76	20.66 0.85 -2.56	20.95 0.85 -1.92	22.44 0.69 -2.65	25.82 0.82 -0.26	28.91 1.07 -3.05	27.83 1.14 -3.02	27.00 1.12 -4.33	25.90 1.05 -4.62	25.62 0.92 -7.63	25.42 0.86 -9.19	26.05 1.11 -6.46	26.10 1.09 -5.50	26.47 1.31 -4.46	33.79 1.39 -11.06	35.74 1.32 -12.78	37.69 1.64 -6.24	35.70 1.53 -4.72	30.82 1.32 -0.30	27.16 1.16 -0.87	25.58 1.16 -2.42	22.95 0.99 -0.34
ASTORIA___3 23516	26.51 1.07 -5.60	22.66 0.90 -3.02	21.18 0.88 -3.76	20.71 0.90 -2.56	21.02 0.93 -1.92	22.56 0.80 -2.66	26.00 0.99 -0.27	29.04 1.19 -3.05	27.98 1.28 -3.03	27.12 1.23 -4.34	26.03 1.17 -4.62	25.73 1.02 -7.63	25.52 0.95 -9.20	26.17 1.22 -6.46	26.23 1.21 -5.51	26.60 1.43 -4.47	33.95 1.54 -11.07	35.90 1.47 -12.78	37.91 1.85 -6.25	35.89 1.71 -4.73	31.03 1.52 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.10 1.14 -0.34
ASTORIA___4 23517	26.51 1.07 -5.60	22.66 0.90 -3.02	21.05 0.74 -3.76	20.71 0.90 -2.56	20.97 0.87 -1.92	22.50 0.74 -2.66	25.95 0.94 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.12 1.23 -4.34	26.03 1.17 -4.62	25.73 1.02 -7.63	25.52 0.95 -9.20	26.02 1.07 -6.46	26.23 1.21 -5.51	26.54 1.37 -4.47	33.84 1.43 -11.07	35.79 1.36 -12.78	37.76 1.70 -6.25	35.77 1.59 -4.73	31.00 1.49 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.10 1.15 -0.34
ASTORIA___5 23518	26.51 1.07 -5.60	22.66 0.90 -3.02	21.18 0.88 -3.76	20.71 0.90 -2.56	21.02 0.93 -1.92	22.56 0.80 -2.66	26.00 0.99 -0.27	29.04 1.19 -3.05	27.98 1.28 -3.03	27.12 1.23 -4.34	26.03 1.17 -4.62	25.73 1.02 -7.63	25.52 0.95 -9.20	26.17 1.22 -6.46	26.23 1.21 -5.51	26.60 1.43 -4.47	33.95 1.54 -11.07	35.90 1.47 -12.78	37.91 1.85 -6.25	35.89 1.71 -4.73	31.03 1.52 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.10 1.14 -0.34
AST_ENERGY_2_CC3 323677	26.51 1.07 -5.60	22.66 0.90 -3.02	21.16 0.86 -3.76	20.69 0.88 -2.56	21.02 0.93 -1.92	22.62 0.86 -2.66	26.10 1.09 -0.27	29.12 1.26 -3.05	28.03 1.32 -3.03	27.14 1.25 -4.34	26.03 1.17 -4.62	25.73 1.02 -7.63	25.50 0.94 -9.20	26.15 1.20 -6.46	26.23 1.21 -5.51	26.60 1.43 -4.47	33.92 1.52 -11.07	35.85 1.43 -12.78	37.88 1.82 -6.25	35.89 1.71 -4.73	31.09 1.58 -0.31	27.42 1.41 -0.87	25.76 1.34 -2.42	23.14 1.19 -0.34
AST_ENERGY_2_CC4 323678	26.51 1.07 -5.60	22.66 0.90 -3.02	21.16 0.86 -3.76	20.69 0.88 -2.56	21.02 0.93 -1.92	22.62 0.86 -2.66	26.10 1.09 -0.27	29.12 1.26 -3.05	28.03 1.32 -3.03	27.14 1.25 -4.34	26.03 1.17 -4.62	25.73 1.02 -7.63	25.50 0.94 -9.20	26.15 1.20 -6.46	26.23 1.21 -5.51	26.60 1.43 -4.47	33.92 1.52 -11.07	35.85 1.43 -12.78	37.88 1.82 -6.25	35.89 1.71 -4.73	31.09 1.58 -0.31	27.42 1.41 -0.87	25.76 1.34 -2.42	23.14 1.19 -0.34
ATHENS_STG_1 23668	27.23 0.75 -6.64	23.02 0.69 -3.58	21.62 0.61 -4.46	20.93 0.64 -3.04	21.11 0.65 -2.28	22.92 0.67 -3.16	25.93 0.87 -0.32	29.34 0.92 -3.62	28.17 0.90 -3.59	27.51 0.82 -5.14	26.48 0.77 -5.48	26.77 0.65 -9.05	26.88 0.60 -10.91	26.89 0.74 -7.67	26.82 0.78 -6.54	26.90 0.89 -5.30	34.93 0.92 -12.67	37.62 0.93 -15.05	38.45 1.22 -7.41	36.24 1.18 -5.61	30.68 1.11 -0.37	27.18 1.01 -1.04	25.77 0.90 -2.87	22.86 0.84 -0.40
ATHENS_STG_2 23670	27.23 0.75 -6.64	23.02 0.69 -3.58	21.62 0.61 -4.46	20.93 0.64 -3.04	21.11 0.65 -2.28	22.92 0.67 -3.16	25.93 0.87 -0.32	29.34 0.92 -3.62	28.17 0.90 -3.59	27.51 0.82 -5.14	26.48 0.77 -5.48	26.77 0.65 -9.05	26.88 0.60 -10.91	26.89 0.74 -7.67	26.82 0.78 -6.54	26.90 0.89 -5.30	34.93 0.92 -12.67	37.62 0.93 -15.05	38.45 1.22 -7.41	36.24 1.18 -5.61	30.68 1.11 -0.37	27.18 1.01 -1.04	25.77 0.90 -2.87	22.86 0.84 -0.40

ATHENS_STG_3 23677	27.23 0.75 -6.64	23.02 0.69 -3.58	21.62 0.61 -4.46	20.93 0.64 -3.04	21.11 0.65 -2.28	22.92 0.67 -3.16	25.93 0.87 -0.32	29.34 0.92 -3.62	28.17 0.90 -3.59	27.51 0.82 -5.14	26.48 0.77 -5.48	26.77 0.65 -9.05	26.88 0.60 -10.91	26.89 0.74 -7.67	26.82 0.78 -6.54	26.90 0.89 -5.30	34.93 0.92 -12.67	37.62 0.93 -15.05	38.45 1.22 -7.41	36.24 1.18 -5.61	30.68 1.11 -0.37	27.18 1.01 -1.04	25.77 0.90 -2.87	22.86 0.84 -0.40
AUBURN____LFGE 323710	20.56 0.32 -0.40	19.13 0.17 -0.22	16.98 0.17 -0.27	17.56 0.12 -0.18	18.48 0.16 -0.14	19.48 0.19 -0.19	25.26 0.49 -0.02	25.66 0.64 -0.22	24.50 0.62 -0.22	22.32 0.45 -0.31	20.91 0.34 -0.33	17.93 0.31 -0.55	16.34 0.31 -0.66	19.32 0.37 -0.46	20.27 0.37 -0.40	21.38 0.35 -0.32	22.48 0.38 -0.76	23.05 0.50 -0.91	30.98 0.72 -0.45	30.53 0.74 -0.34	30.04 0.82 -0.02	25.88 0.68 -0.06	22.76 0.59 -0.17	21.97 0.32 -0.02
BABYLON_RES_REC 323704	28.96 1.82 -7.29	23.73 1.57 -3.41	21.71 1.41 -3.76	21.13 1.31 -2.56	21.50 1.40 -1.92	23.25 1.49 -2.66	26.99 1.98 -0.27	30.06 2.21 -3.06	28.95 2.20 -3.08	27.96 2.05 -4.36	28.54 1.84 -6.47	29.36 1.57 -10.72	31.43 1.40 -14.67	32.82 1.74 -12.59	34.40 1.81 -13.08	40.25 2.09 -17.45	48.16 2.01 -24.82	45.95 1.90 -22.41	49.58 2.45 -17.33	45.53 2.47 -13.61	38.91 2.63 -7.08	33.80 2.26 -6.40	28.43 2.16 -4.28	25.36 1.95 -1.80
BABYLON__69_KV_BK2 356345	29.22 2.08 -7.29	23.99 1.84 -3.41	21.80 1.49 -3.76	21.35 1.54 -2.56	21.66 1.56 -1.92	23.46 1.70 -2.66	26.99 1.98 -0.27	30.33 2.48 -3.06	29.26 2.51 -3.08	28.26 2.35 -4.36	28.82 2.12 -6.47	29.60 1.81 -10.72	31.65 1.61 -14.67	32.98 1.90 -12.59	34.67 2.09 -13.08	40.50 2.34 -17.45	48.49 2.33 -24.82	46.36 2.32 -22.41	50.21 3.07 -17.33	46.04 2.97 -13.61	39.32 3.04 -7.08	34.10 2.56 -6.40	28.65 2.38 -4.28	25.69 2.27 -1.80
BALL_HILL_WT_PWR 323825	20.46 0.12 -0.50	19.00 -0.02 -0.27	17.03 0.15 -0.34	17.50 0.02 -0.23	18.29 -0.05 -0.17	19.20 -0.13 -0.24	25.46 0.69 -0.02	25.44 0.37 -0.27	24.25 0.31 -0.27	22.22 0.28 -0.39	20.85 0.20 -0.41	18.06 0.31 -0.68	16.48 0.29 -0.82	19.41 0.35 -0.58	20.25 0.25 -0.49	21.27 0.17 -0.40	22.39 0.11 -0.94	23.07 0.30 -1.13	30.31 -0.06 -0.56	29.87 0.00 -0.42	29.43 0.20 -0.03	25.47 0.25 -0.08	22.56 0.35 -0.22	22.23 0.58 -0.03
BARON_WINDS____WT_PWR 323822	20.61 0.12 -0.64	19.19 0.09 -0.35	17.04 0.07 -0.43	17.65 0.10 -0.29	18.45 0.05 -0.22	19.42 0.02 -0.31	25.54 0.77 -0.03	25.54 0.40 -0.35	24.37 0.36 -0.35	22.31 0.26 -0.49	20.92 0.16 -0.53	18.15 0.21 -0.87	16.60 0.19 -1.05	19.39 0.17 -0.74	20.31 0.18 -0.63	21.28 0.06 -0.51	22.64 0.09 -1.21	23.37 0.28 -1.45	30.50 -0.03 -0.72	30.05 0.06 -0.54	29.73 0.50 -0.04	25.67 0.43 -0.10	22.58 0.31 -0.28	22.22 0.56 -0.04
BARRETT_IC_1 23704	28.67 1.53 -7.30	23.49 1.33 -3.42	21.49 1.17 -3.77	20.96 1.14 -2.57	21.32 1.22 -1.92	23.03 1.26 -2.67	26.71 1.68 -0.28	29.70 1.83 -3.06	28.60 1.85 -3.09	27.67 1.74 -4.37	28.26 1.56 -6.48	29.13 1.33 -10.73	31.24 1.20 -14.67	32.54 1.46 -12.59	34.11 1.52 -13.08	39.92 1.76 -17.45	47.97 1.81 -24.82	45.84 1.80 -22.41	49.50 2.35 -17.33	45.30 2.24 -13.61	38.39 2.10 -7.08	33.37 1.83 -6.40	28.10 1.82 -4.28	25.11 1.69 -1.81
BARRETT_IC_10 23701	28.67 1.53 -7.30	23.49 1.33 -3.42	21.49 1.17 -3.77	20.96 1.14 -2.57	21.32 1.22 -1.92	23.03 1.26 -2.67	26.71 1.68 -0.28	29.70 1.83 -3.06	28.60 1.85 -3.09	27.67 1.74 -4.37	28.26 1.56 -6.48	29.13 1.33 -10.73	31.24 1.20 -14.67	32.54 1.46 -12.59	34.11 1.52 -13.08	39.92 1.76 -17.45	47.97 1.81 -24.82	45.84 1.80 -22.41	49.50 2.35 -17.33	45.30 2.24 -13.61	38.39 2.10 -7.08	33.37 1.83 -6.40	28.10 1.82 -4.28	25.11 1.69 -1.81
BARRETT_IC_11 23702	28.67 1.53 -7.30	23.49 1.33 -3.42	21.49 1.17 -3.77	20.96 1.14 -2.57	21.32 1.22 -1.92	23.03 1.26 -2.67	26.71 1.68 -0.28	29.70 1.83 -3.06	28.60 1.85 -3.09	27.67 1.74 -4.37	28.26 1.56 -6.48	29.13 1.33 -10.73	31.24 1.20 -14.67	32.54 1.46 -12.59	34.11 1.52 -13.08	39.92 1.76 -17.45	47.97 1.81 -24.82	45.84 1.80 -22.41	49.50 2.35 -17.33	45.30 2.24 -13.61	38.39 2.10 -7.08	33.37 1.83 -6.40	28.10 1.82 -4.28	25.11 1.69 -1.81
BARRETT_IC_12 23703	28.67 1.53 -7.30	23.49 1.33 -3.42	21.49 1.17 -3.77	20.96 1.14 -2.57	21.32 1.22 -1.92	23.03 1.26 -2.67	26.71 1.68 -0.28	29.70 1.83 -3.06	28.60 1.85 -3.09	27.67 1.74 -4.37	28.26 1.56 -6.48	29.13 1.33 -10.73	31.24 1.20 -14.67	32.54 1.46 -12.59	34.11 1.52 -13.08	39.92 1.76 -17.45	47.97 1.81 -24.82	45.84 1.80 -22.41	49.50 2.35 -17.33	45.30 2.24 -13.61	38.39 2.10 -7.08	33.37 1.83 -6.40	28.10 1.82 -4.28	25.11 1.69 -1.81
BARRETT_IC_2 23705	28.67 1.53 -7.30	23.49 1.33 -3.42	21.49 1.17 -3.77	20.96 1.14 -2.57	21.32 1.22 -1.92	23.03 1.26 -2.67	26.71 1.68 -0.28	29.70 1.83 -3.06	28.60 1.85 -3.09	27.67 1.74 -4.37	28.26 1.56 -6.48	29.13 1.33 -10.73	31.24 1.20 -14.67	32.54 1.46 -12.59	34.11 1.52 -13.08	39.92 1.76 -17.45	47.97 1.81 -24.82	45.84 1.80 -22.41	49.50 2.35 -17.33	45.30 2.24 -13.61	38.39 2.10 -7.08	33.37 1.83 -6.40	28.10 1.82 -4.28	25.11 1.69 -1.81
BARRETT_IC_3 23706	28.67 1.53 -7.30	23.49 1.33 -3.42	21.49 1.17 -3.77	20.96 1.14 -2.57	21.32 1.22 -1.92	23.03 1.26 -2.67	26.71 1.68 -0.28	29.70 1.83 -3.06	28.60 1.85 -3.09	27.67 1.74 -4.37	28.26 1.56 -6.48	29.13 1.33 -10.73	31.24 1.20 -14.67	32.54 1.46 -12.59	34.11 1.52 -13.08	39.92 1.76 -17.45	47.97 1.81 -24.82	45.84 1.80 -22.41	49.50 2.35 -17.33	45.30 2.24 -13.61	38.39 2.10 -7.08	33.37 1.83 -6.40	28.10 1.82 -4.28	25.11 1.69 -1.81
BARRETT_IC_4 23707	28.67 1.53 -7.30	23.49 1.33 -3.42	21.49 1.17 -3.77	20.96 1.14 -2.57	21.32 1.22 -1.92	23.03 1.26 -2.67	26.71 1.68 -0.28	29.70 1.83 -3.06	28.60 1.85 -3.09	27.67 1.74 -4.37	28.26 1.56 -6.48	29.13 1.33 -10.73	31.24 1.20 -14.67	32.54 1.46 -12.59	34.11 1.52 -13.08	39.92 1.76 -17.45	47.97 1.81 -24.82	45.84 1.80 -22.41	49.50 2.35 -17.33	45.30 2.24 -13.61	38.39 2.10 -7.08	33.37 1.83 -6.40	28.10 1.82 -4.28	25.11 1.69 -1.81
BARRETT_IC_5 23708	28.67 1.53 -7.30	23.49 1.33 -3.42	21.49 1.17 -3.77	20.96 1.14 -2.57	21.32 1.22 -1.92	23.03 1.26 -2.67	26.71 1.68 -0.28	29.70 1.83 -3.06	28.60 1.85 -3.09	27.67 1.74 -4.37	28.26 1.56 -6.48	29.13 1.33 -10.73	31.24 1.20 -14.67	32.54 1.46 -12.59	34.11 1.52 -13.08	39.92 1.76 -17.45	47.97 1.81 -24.82	45.84 1.80 -22.41	49.50 2.35 -17.33	45.30 2.24 -13.61	38.39 2.10 -7.08	33.37 1.83 -6.40	28.10 1.82 -4.28	25.11 1.69 -1.81
BARRETT_IC_6 23709	28.67 1.53 -7.30	23.49 1.33 -3.42	21.49 1.17 -3.77	20.96 1.14 -2.57	21.32 1.22 -1.92	23.03 1.26 -2.67	26.71 1.68 -0.28	29.70 1.83 -3.06	28.60 1.85 -3.09	27.67 1.74 -4.37	28.26 1.56 -6.48	29.13 1.33 -10.73	31.24 1.20 -14.67	32.54 1.46 -12.59	34.11 1.52 -13.08	39.92 1.76 -17.45	47.97 1.81 -24.82	45.84 1.80 -22.41	49.50 2.35 -17.33	45.30 2.24 -13.61	38.39 2.10 -7.08	33.37 1.83 -6.40	28.10 1.82 -4.28	25.11 1.69 -1.81

BARRETT_IC_7 23710	28.64 1.51 -7.29	23.49 1.33 -3.41	21.40 1.09 -3.76	20.96 1.14 -2.56	21.26 1.16 -1.92	22.98 1.22 -2.66	26.45 1.44 -0.27	29.64 1.79 -3.06	28.60 1.85 -3.08	27.64 1.72 -4.36	28.26 1.56 -6.47	29.13 1.33 -10.72	31.23 1.20 -14.67	32.47 1.39 -12.59	34.11 1.52 -13.08	39.88 1.72 -17.45	47.91 1.75 -24.82	45.75 1.71 -22.41	49.40 2.27 -17.33	45.21 2.15 -13.61	38.39 2.10 -7.08	33.33 1.78 -6.40	28.01 1.74 -4.28	25.10 1.69 -1.80
BARRETT_IC_8 23711	28.67 1.53 -7.30	23.49 1.33 -3.42	21.49 1.17 -3.77	20.96 1.14 -2.57	21.32 1.22 -1.92	23.03 1.26 -2.67	26.71 1.68 -0.28	29.70 1.83 -3.06	28.60 1.85 -3.09	27.67 1.74 -4.37	28.26 1.56 -6.48	29.13 1.33 -10.73	31.24 1.20 -14.67	32.54 1.46 -12.59	34.11 1.52 -13.08	39.92 1.76 -17.45	47.97 1.81 -24.82	45.84 1.80 -22.41	49.50 2.35 -17.33	45.30 2.24 -13.61	38.39 2.10 -7.08	33.37 1.83 -6.40	28.10 1.82 -4.28	25.11 1.69 -1.81
BARRETT_IC_9 23700	28.67 1.53 -7.30	23.49 1.33 -3.42	21.49 1.17 -3.77	20.96 1.14 -2.57	21.32 1.22 -1.92	23.03 1.26 -2.67	26.71 1.68 -0.28	29.70 1.83 -3.06	28.60 1.85 -3.09	27.67 1.74 -4.37	28.26 1.56 -6.48	29.13 1.33 -10.73	31.24 1.20 -14.67	32.54 1.46 -12.59	34.11 1.52 -13.08	39.92 1.76 -17.45	47.97 1.81 -24.82	45.84 1.80 -22.41	49.50 2.35 -17.33	45.30 2.24 -13.61	38.39 2.10 -7.08	33.37 1.83 -6.40	28.10 1.82 -4.28	25.11 1.69 -1.81
BARRETT___1 23545	28.67 1.53 -7.30	23.49 1.33 -3.42	21.49 1.17 -3.77	20.96 1.14 -2.57	21.32 1.22 -1.92	23.03 1.26 -2.67	26.71 1.68 -0.28	29.70 1.83 -3.06	28.60 1.85 -3.09	27.67 1.74 -4.37	28.26 1.56 -6.48	29.13 1.33 -10.73	31.24 1.20 -14.67	32.54 1.46 -12.59	34.11 1.52 -13.08	39.92 1.76 -17.45	47.97 1.81 -24.82	45.84 1.80 -22.41	49.50 2.35 -17.33	45.30 2.24 -13.61	38.39 2.10 -7.08	33.37 1.83 -6.40	28.10 1.82 -4.28	25.11 1.69 -1.81
BARRETT___2 23546	28.67 1.53 -7.30	23.49 1.33 -3.42	21.49 1.17 -3.77	20.96 1.14 -2.57	21.32 1.22 -1.92	23.03 1.26 -2.67	26.71 1.68 -0.28	29.70 1.83 -3.06	28.60 1.85 -3.09	27.67 1.74 -4.37	28.26 1.56 -6.48	29.13 1.33 -10.73	31.24 1.20 -14.67	32.54 1.46 -12.59	34.11 1.52 -13.08	39.92 1.76 -17.45	47.97 1.81 -24.82	45.84 1.80 -22.41	49.50 2.35 -17.33	45.30 2.24 -13.61	38.39 2.10 -7.08	33.37 1.83 -6.40	28.10 1.82 -4.28	25.11 1.69 -1.81
BATAVIA___115KV_TB1 55881	20.59 0.32 -0.43	19.20 0.22 -0.23	17.18 0.35 -0.29	17.69 0.24 -0.20	18.49 0.16 -0.15	19.42 0.11 -0.21	25.70 0.94 -0.02	25.73 0.69 -0.24	24.47 0.57 -0.23	22.38 0.50 -0.33	20.99 0.40 -0.36	18.11 0.44 -0.59	16.48 0.40 -0.71	19.47 0.48 -0.50	20.34 0.41 -0.42	21.38 0.33 -0.34	22.48 0.32 -0.82	23.16 0.54 -0.98	30.71 0.42 -0.48	30.29 0.47 -0.36	29.75 0.53 -0.02	25.83 0.63 -0.07	22.84 0.66 -0.19	22.40 0.76 -0.03
BAYONEEC___CTG1 323682	26.53 1.09 -5.60	22.68 0.92 -3.02	21.18 0.88 -3.76	20.71 0.90 -2.56	21.04 0.94 -1.92	22.62 0.86 -2.66	26.13 1.11 -0.27	29.12 1.26 -3.05	28.03 1.32 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.52 0.95 -9.20	26.17 1.22 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	33.95 1.54 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.92 1.74 -4.73	31.12 1.61 -0.31	27.44 1.43 -0.87	25.78 1.36 -2.42	23.17 1.21 -0.34
BAYONEEC___CTG10 323750	26.53 1.09 -5.60	22.68 0.92 -3.02	21.18 0.88 -3.76	20.71 0.90 -2.56	21.04 0.94 -1.92	22.62 0.86 -2.66	26.13 1.11 -0.27	29.12 1.26 -3.05	28.03 1.32 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.52 0.95 -9.20	26.17 1.22 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	33.95 1.54 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.92 1.74 -4.73	31.12 1.61 -0.31	27.44 1.43 -0.87	25.78 1.36 -2.42	23.17 1.21 -0.34
BAYONEEC___CTG2 323683	26.53 1.09 -5.60	22.68 0.92 -3.02	21.18 0.88 -3.76	20.71 0.90 -2.56	21.04 0.94 -1.92	22.62 0.86 -2.66	26.13 1.11 -0.27	29.12 1.26 -3.05	28.03 1.32 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.52 0.95 -9.20	26.17 1.22 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	33.95 1.54 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.92 1.74 -4.73	31.12 1.61 -0.31	27.44 1.43 -0.87	25.78 1.36 -2.42	23.17 1.21 -0.34
BAYONEEC___CTG3 323684	26.53 1.09 -5.60	22.68 0.92 -3.02	21.18 0.88 -3.76	20.71 0.90 -2.56	21.04 0.94 -1.92	22.62 0.86 -2.66	26.13 1.11 -0.27	29.12 1.26 -3.05	28.03 1.32 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.52 0.95 -9.20	26.17 1.22 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	33.95 1.54 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.92 1.74 -4.73	31.12 1.61 -0.31	27.44 1.43 -0.87	25.78 1.36 -2.42	23.17 1.21 -0.34
BAYONEEC___CTG4 323685	26.53 1.09 -5.60	22.68 0.92 -3.02	21.18 0.88 -3.76	20.71 0.90 -2.56	21.04 0.94 -1.92	22.62 0.86 -2.66	26.13 1.11 -0.27	29.12 1.26 -3.05	28.03 1.32 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.52 0.95 -9.20	26.17 1.22 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	33.95 1.54 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.92 1.74 -4.73	31.12 1.61 -0.31	27.44 1.43 -0.87	25.78 1.36 -2.42	23.17 1.21 -0.34
BAYONEEC___CTG5 323686	26.53 1.09 -5.60	22.68 0.92 -3.02	21.18 0.88 -3.76	20.71 0.90 -2.56	21.04 0.94 -1.92	22.62 0.86 -2.66	26.13 1.11 -0.27	29.12 1.26 -3.05	28.03 1.32 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.52 0.95 -9.20	26.17 1.22 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	33.95 1.54 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.92 1.74 -4.73	31.12 1.61 -0.31	27.44 1.43 -0.87	25.78 1.36 -2.42	23.17 1.21 -0.34
BAYONEEC___CTG6 323687	26.53 1.09 -5.60	22.68 0.92 -3.02	21.18 0.88 -3.76	20.71 0.90 -2.56	21.04 0.94 -1.92	22.62 0.86 -2.66	26.13 1.11 -0.27	29.12 1.26 -3.05	28.03 1.32 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.52 0.95 -9.20	26.17 1.22 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	33.95 1.54 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.92 1.74 -4.73	31.12 1.61 -0.31	27.44 1.43 -0.87	25.78 1.36 -2.42	23.17 1.21 -0.34
BAYONEEC___CTG7 323688	26.53 1.09 -5.60	22.68 0.92 -3.02	21.18 0.88 -3.76	20.71 0.90 -2.56	21.04 0.94 -1.92	22.62 0.86 -2.66	26.13 1.11 -0.27	29.12 1.26 -3.05	28.03 1.32 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.52 0.95 -9.20	26.17 1.22 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	33.95 1.54 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.92 1.74 -4.73	31.12 1.61 -0.31	27.44 1.43 -0.87	25.78 1.36 -2.42	23.17 1.21 -0.34
BAYONEEC___CTG8 323689	26.53 1.09 -5.60	22.68 0.92 -3.02	21.18 0.88 -3.76	20.71 0.90 -2.56	21.04 0.94 -1.92	22.62 0.86 -2.66	26.13 1.11 -0.27	29.12 1.26 -3.05	28.03 1.32 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.52 0.95 -9.20	26.17 1.22 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	33.95 1.54 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.92 1.74 -4.73	31.12 1.61 -0.31	27.44 1.43 -0.87	25.78 1.36 -2.42	23.17 1.21 -0.34

BAYONEEC___CTG9 323749	26.53 1.09 -5.60	22.68 0.92 -3.02	21.18 0.88 -3.76	20.71 0.90 -2.56	21.04 0.94 -1.92	22.62 0.86 -2.66	26.13 1.11 -0.27	29.12 1.26 -3.05	28.03 1.32 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.52 0.95 -9.20	26.17 1.22 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	33.95 1.54 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.92 1.74 -4.73	31.12 1.61 -0.31	27.44 1.43 -0.87	25.78 1.36 -2.42	23.17 1.21 -0.34
BEACON___LESR 323632	27.63 0.63 -7.16	23.28 0.67 -3.86	21.92 0.56 -4.81	21.17 0.64 -3.27	21.31 0.67 -2.46	23.19 0.69 -3.40	26.08 0.99 -0.35	29.67 0.97 -3.91	28.42 0.88 -3.88	27.83 0.73 -5.55	26.81 0.67 -5.91	27.36 0.53 -9.76	27.62 0.49 -11.76	27.29 0.54 -8.27	27.14 0.58 -7.05	27.09 0.66 -5.71	35.00 0.73 -12.94	38.48 0.80 -16.04	38.91 1.10 -7.99	36.62 1.12 -6.05	30.71 1.11 -0.40	27.24 0.98 -1.12	25.93 0.84 -3.10	22.85 0.80 -0.43
BEAVER RIVER___HYD 24048	19.62 -0.36 -0.13	18.55 -0.26 -0.07	16.38 -0.25 -0.09	17.02 -0.29 -0.06	17.98 -0.24 -0.05	19.03 -0.13 -0.06	24.75 0.00 -0.01	24.97 0.10 -0.07	23.77 0.02 -0.07	21.50 -0.15 -0.10	20.02 -0.32 -0.11	16.95 -0.31 -0.18	15.23 -0.35 -0.22	18.21 -0.42 -0.15	19.17 -0.47 -0.13	20.36 -0.46 -0.11	21.21 -0.38 -0.25	21.83 -0.11 -0.30	30.02 0.06 -0.15	29.65 0.09 -0.11	29.09 -0.12 -0.01	24.93 -0.23 -0.02	21.77 -0.29 -0.06	21.43 -0.19 -0.01
BEEBEE_GT_13 23619	20.42 0.20 -0.38	19.08 0.13 -0.21	17.00 0.20 -0.26	17.55 0.12 -0.17	18.38 0.07 -0.13	19.34 0.06 -0.18	25.33 0.57 -0.02	25.53 0.52 -0.21	24.30 0.43 -0.21	22.19 0.34 -0.30	20.85 0.30 -0.32	17.90 0.31 -0.52	16.29 0.29 -0.63	19.28 0.35 -0.44	20.19 0.31 -0.38	21.26 0.25 -0.31	22.32 0.26 -0.72	22.89 0.39 -0.87	30.60 0.36 -0.43	30.16 0.38 -0.32	29.57 0.35 -0.02	25.68 0.48 -0.06	22.64 0.48 -0.17	22.07 0.43 -0.02
BENSHRST_27_KV_BENSHRST_1 355998	26.65 1.21 -5.60	22.74 0.97 -3.02	21.12 0.81 -3.76	20.78 0.97 -2.56	21.06 0.96 -1.92	22.52 0.76 -2.66	26.00 0.99 -0.27	29.09 1.24 -3.05	28.10 1.40 -3.03	27.25 1.36 -4.34	26.15 1.29 -4.62	25.85 1.14 -7.63	25.61 1.05 -9.20	26.15 1.20 -6.46	26.34 1.33 -5.51	26.69 1.51 -4.47	34.03 1.62 -11.07	36.00 1.58 -12.78	38.03 1.97 -6.25	36.00 1.83 -4.73	31.18 1.66 -0.31	27.40 1.38 -0.87	25.74 1.32 -2.42	23.21 1.25 -0.34
BETHLEHEM___GRP 23843	27.31 0.30 -7.17	22.99 0.37 -3.87	21.78 0.41 -4.82	20.98 0.45 -3.28	21.13 0.49 -2.46	23.02 0.52 -3.41	25.83 0.74 -0.35	29.41 0.69 -3.91	28.03 0.47 -3.88	27.47 0.37 -5.56	26.50 0.34 -5.92	27.12 0.27 -9.78	27.41 0.26 -11.78	27.08 0.31 -8.28	26.86 0.29 -7.06	26.74 0.31 -5.72	34.65 0.32 -12.99	38.06 0.35 -16.08	38.30 0.48 -8.01	35.98 0.47 -6.06	30.13 0.53 -0.40	26.74 0.48 -1.12	25.51 0.42 -3.10	22.51 0.45 -0.43
BETHLEHEM___GS1 323560	27.33 0.32 -7.17	22.99 0.37 -3.87	21.69 0.33 -4.82	20.93 0.40 -3.28	21.06 0.42 -2.46	22.91 0.40 -3.41	25.61 0.52 -0.35	29.23 0.52 -3.91	28.00 0.45 -3.88	27.47 0.37 -5.56	26.50 0.34 -5.92	27.12 0.27 -9.78	27.41 0.26 -11.78	27.02 0.26 -8.28	26.86 0.29 -7.06	26.78 0.35 -5.72	34.69 0.36 -12.99	38.11 0.39 -16.08	38.36 0.54 -8.01	36.07 0.56 -6.06	30.13 0.53 -0.40	26.79 0.53 -1.12	25.58 0.48 -3.10	22.51 0.45 -0.43
BETHLEHEM___GS2 323561	27.33 0.32 -7.17	22.99 0.37 -3.87	21.69 0.33 -4.82	20.93 0.40 -3.28	21.06 0.42 -2.46	22.91 0.40 -3.41	25.61 0.52 -0.35	29.23 0.52 -3.91	28.00 0.45 -3.88	27.47 0.37 -5.56	26.50 0.34 -5.92	27.12 0.27 -9.78	27.41 0.26 -11.78	27.02 0.26 -8.28	26.86 0.29 -7.06	26.78 0.35 -5.72	34.69 0.36 -12.99	38.11 0.39 -16.08	38.36 0.54 -8.01	36.07 0.56 -6.06	30.13 0.53 -0.40	26.79 0.53 -1.12	25.58 0.48 -3.10	22.51 0.45 -0.43
BETHLEHEM___GS3 323562	27.33 0.32 -7.17	22.99 0.37 -3.87	21.69 0.33 -4.82	20.93 0.40 -3.28	21.06 0.42 -2.46	22.91 0.40 -3.41	25.61 0.52 -0.35	29.23 0.52 -3.91	28.00 0.45 -3.88	27.47 0.37 -5.56	26.50 0.34 -5.92	27.12 0.27 -9.78	27.41 0.26 -11.78	27.02 0.26 -8.28	26.86 0.29 -7.06	26.78 0.35 -5.72	34.69 0.36 -12.99	38.11 0.39 -16.08	38.36 0.54 -8.01	36.07 0.56 -6.06	30.13 0.53 -0.40	26.79 0.53 -1.12	25.58 0.48 -3.10	22.51 0.45 -0.43
BETHLEHEM___STEEL 23779	20.35 0.02 -0.49	18.91 -0.09 -0.26	16.97 0.10 -0.33	17.44 -0.03 -0.22	18.22 -0.13 -0.17	19.10 -0.23 -0.23	25.38 0.62 -0.02	25.29 0.22 -0.27	24.10 0.17 -0.26	22.08 0.15 -0.38	20.72 0.08 -0.40	17.94 0.20 -0.67	16.37 0.20 -0.80	19.29 0.24 -0.56	20.12 0.14 -0.48	21.14 0.04 -0.39	22.24 -0.02 -0.92	22.94 0.19 -1.10	30.12 -0.24 -0.54	29.72 -0.15 -0.41	29.26 0.03 -0.03	25.31 0.10 -0.08	22.45 0.24 -0.21	22.17 0.52 -0.03
BETHLHEM_115KV_TB1 79974	27.39 0.38 -7.17	23.03 0.41 -3.87	21.81 0.45 -4.82	21.02 0.48 -3.28	21.15 0.51 -2.46	23.04 0.53 -3.41	25.86 0.77 -0.35	29.43 0.72 -3.91	28.10 0.54 -3.88	27.54 0.43 -5.56	26.56 0.40 -5.93	27.18 0.32 -9.78	27.46 0.31 -11.79	27.14 0.37 -8.28	26.92 0.35 -7.06	26.81 0.37 -5.73	34.74 0.38 -13.02	38.14 0.41 -16.09	38.39 0.57 -8.01	36.10 0.59 -6.06	30.21 0.61 -0.40	26.81 0.55 -1.12	25.58 0.48 -3.10	22.55 0.50 -0.43
BETHPAGE_CC_5 323564	28.84 1.71 -7.29	23.64 1.48 -3.41	21.63 1.32 -3.76	21.06 1.24 -2.56	21.42 1.33 -1.92	23.15 1.39 -2.66	26.87 1.86 -0.27	29.89 2.03 -3.06	28.81 2.06 -3.08	27.85 1.94 -4.36	28.46 1.76 -6.47	29.26 1.47 -10.72	31.36 1.32 -14.67	32.71 1.63 -12.59	34.28 1.70 -13.08	40.10 1.95 -17.45	48.16 2.01 -24.82	46.03 1.99 -22.41	49.73 2.59 -17.33	45.56 2.50 -13.61	38.68 2.40 -7.08	33.63 2.09 -6.40	28.25 1.98 -4.28	25.28 1.86 -1.80
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.32 -0.02 -0.49	18.90 -0.11 -0.27	16.94 0.07 -0.33	17.41 -0.07 -0.23	18.18 -0.16 -0.17	19.08 -0.25 -0.23	25.38 0.62 -0.02	25.26 0.20 -0.27	24.08 0.14 -0.27	22.06 0.13 -0.38	20.70 0.06 -0.41	17.93 0.19 -0.67	16.36 0.18 -0.81	19.28 0.22 -0.57	20.11 0.12 -0.48	21.14 0.04 -0.39	22.23 -0.04 -0.93	22.93 0.17 -1.11	30.09 -0.27 -0.55	29.69 -0.18 -0.42	29.29 0.06 -0.03	25.29 0.08 -0.08	22.43 0.22 -0.21	22.17 0.52 -0.03
BINGHAMTON___COGEN 23790	20.92 0.16 -0.91	19.37 0.13 -0.49	17.31 0.15 -0.61	17.79 0.12 -0.42	18.60 0.11 -0.31	19.65 0.11 -0.43	25.26 0.47 -0.04	25.64 0.35 -0.50	24.52 0.36 -0.49	22.52 0.26 -0.71	21.21 0.22 -0.75	18.52 0.20 -1.25	17.07 0.20 -1.50	19.76 0.22 -1.06	20.64 0.23 -0.90	21.67 0.23 -0.73	23.30 0.23 -1.73	24.03 0.32 -2.07	31.19 0.36 -1.02	30.58 0.35 -0.77	29.72 0.47 -0.05	25.66 0.38 -0.14	22.74 0.35 -0.40	22.04 0.37 -0.06
BIXINCNT_115KV_LOAD 355685	20.30 -0.06 -0.51	18.91 -0.11 -0.28	16.94 0.05 -0.35	17.42 -0.07 -0.24	18.17 -0.18 -0.18	19.11 -0.23 -0.24	25.51 0.74 -0.03	25.30 0.22 -0.28	24.12 0.17 -0.28	22.08 0.13 -0.40	20.68 0.02 -0.43	17.90 0.12 -0.70	16.32 0.11 -0.85	19.21 0.13 -0.60	20.05 0.04 -0.51	21.10 -0.02 -0.41	22.23 -0.09 -0.97	22.93 0.13 -1.16	30.03 -0.36 -0.57	29.68 -0.21 -0.43	29.41 0.18 -0.03	25.27 0.05 -0.08	22.39 0.18 -0.22	22.19 0.54 -0.03

BLACK RIVER___HYD 24047	19.93 -0.10 -0.18	18.83 -0.02 -0.10	16.63 -0.03 -0.12	17.27 -0.07 -0.08	18.24 0.00 -0.06	19.34 0.15 -0.09	25.27 0.52 -0.01	25.42 0.52 -0.10	24.17 0.40 -0.10	21.85 0.15 -0.14	20.34 -0.04 -0.15	17.27 -0.05 -0.25	15.55 -0.12 -0.30	18.53 -0.17 -0.21	19.51 -0.18 -0.18	20.69 -0.17 -0.15	21.62 -0.06 -0.35	22.27 0.22 -0.42	30.52 0.51 -0.21	30.14 0.53 -0.16	29.68 0.47 -0.01	25.42 0.25 -0.03	22.18 0.11 -0.08	21.76 0.13 -0.01
BLACKRVR_115KV_TB2 79977	19.95 -0.08 -0.18	18.83 -0.02 -0.10	16.60 -0.07 -0.12	17.27 -0.07 -0.08	18.24 0.00 -0.06	19.34 0.15 -0.09	25.27 0.52 -0.01	25.42 0.52 -0.10	24.17 0.40 -0.10	21.84 0.15 -0.14	20.34 -0.04 -0.15	17.27 -0.05 -0.25	15.55 -0.12 -0.30	18.55 -0.15 -0.21	19.51 -0.18 -0.18	20.71 -0.14 -0.15	21.62 -0.06 -0.35	22.29 0.24 -0.42	30.55 0.54 -0.21	30.17 0.56 -0.16	29.65 0.44 -0.01	25.42 0.25 -0.03	22.25 0.18 -0.08	21.76 0.13 -0.01
BLISS_WT_PWR 323608	20.26 -0.10 -0.51	18.91 -0.11 -0.28	16.76 -0.13 -0.35	17.42 -0.07 -0.24	18.15 -0.20 -0.18	19.08 -0.27 -0.24	25.66 0.89 -0.03	25.23 0.15 -0.28	24.14 0.19 -0.28	22.10 0.15 -0.40	20.70 0.04 -0.42	17.89 0.12 -0.70	16.32 0.11 -0.84	19.10 0.02 -0.59	20.05 0.04 -0.51	20.98 -0.14 -0.41	22.12 -0.19 -0.97	22.87 0.07 -1.16	29.73 -0.66 -0.57	29.39 -0.50 -0.43	29.44 0.21 -0.03	25.42 0.20 -0.08	22.24 0.02 -0.22	22.21 0.56 -0.03
BLUESTONE___WT_PWR 323821	21.64 0.75 -1.04	20.13 0.82 -0.56	17.89 0.64 -0.70	18.44 0.71 -0.48	19.33 0.80 -0.36	20.57 0.97 -0.49	26.62 1.83 -0.05	28.03 2.60 -0.63	26.66 2.37 -0.63	24.17 1.72 -0.89	22.66 1.48 -0.95	19.88 1.23 -1.57	18.22 0.95 -1.90	21.04 1.22 -1.33	21.31 0.78 -1.03	22.45 0.91 -0.83	24.31 1.00 -1.97	25.27 1.28 -2.36	32.76 1.79 -1.16	32.10 1.77 -0.88	31.19 1.93 -0.06	26.83 1.53 -0.16	23.61 1.16 -0.45	22.85 1.17 -0.06
BLUE_CIRC_CHEM_DRP 24182	27.58 0.67 -7.06	23.23 0.67 -3.81	21.92 0.63 -4.75	21.14 0.66 -3.23	21.31 0.71 -2.43	23.22 0.76 -3.36	26.17 1.09 -0.34	29.64 0.99 -3.85	28.35 0.85 -3.82	27.73 0.71 -5.47	26.73 0.67 -5.83	27.25 0.55 -9.63	27.47 0.49 -11.60	27.25 0.61 -8.16	27.09 0.62 -6.96	27.01 0.66 -5.64	34.96 0.68 -12.94	38.25 0.74 -15.87	38.74 1.04 -7.89	36.48 1.06 -5.97	30.70 1.11 -0.39	27.17 0.93 -1.10	25.84 0.79 -3.06	22.85 0.80 -0.43
BOC_GAS_DRP 24189	27.57 0.54 -7.19	23.15 0.52 -3.88	21.86 0.48 -4.83	21.06 0.52 -3.29	21.19 0.55 -2.47	23.07 0.55 -3.42	25.86 0.77 -0.35	29.47 0.74 -3.92	28.23 0.66 -3.89	27.70 0.58 -5.57	26.72 0.55 -5.94	27.34 0.46 -9.81	27.61 0.43 -11.81	27.31 0.52 -8.30	27.11 0.53 -7.08	27.01 0.56 -5.74	35.11 0.58 -13.19	38.41 0.61 -16.16	38.65 0.80 -8.03	36.32 0.80 -6.07	30.42 0.82 -0.40	26.97 0.70 -1.12	25.72 0.62 -3.11	22.70 0.65 -0.44
BOONVILLE_115KV_TB1 79983	20.02 0.06 -0.12	18.94 0.13 -0.06	16.70 0.08 -0.08	17.39 0.09 -0.05	18.36 0.15 -0.04	19.38 0.23 -0.05	25.24 0.49 -0.01	25.36 0.50 -0.06	24.16 0.43 -0.06	21.90 0.26 -0.09	20.45 0.12 -0.10	17.32 0.09 -0.16	15.57 0.02 -0.19	18.66 0.04 -0.13	19.64 0.02 -0.11	20.86 0.06 -0.09	21.69 0.13 -0.22	22.22 0.32 -0.26	30.51 0.57 -0.13	30.08 0.53 -0.10	29.65 0.44 -0.01	25.46 0.30 -0.02	22.26 0.22 -0.05	21.91 0.28 -0.01
BORALEX_4TH_BRANCH 23824	27.89 0.95 -7.10	23.51 0.94 -3.83	22.11 0.79 -4.77	21.33 0.83 -3.25	21.47 0.85 -2.44	23.47 0.99 -3.37	26.37 1.29 -0.35	29.89 1.21 -3.87	28.65 1.14 -3.84	28.09 1.03 -5.50	27.07 0.97 -5.87	27.61 0.85 -9.68	27.77 0.74 -11.67	27.59 0.91 -8.20	27.45 0.96 -6.99	27.39 1.01 -5.67	34.49 1.02 -12.13	38.46 1.08 -15.74	39.20 1.46 -7.93	36.95 1.50 -6.00	31.03 1.43 -0.39	27.53 1.28 -1.11	26.19 1.12 -3.07	23.13 1.08 -0.43
BOWLINE___1 23526	26.11 0.95 -5.31	22.44 0.82 -2.87	20.88 0.76 -3.57	20.44 0.76 -2.43	20.80 0.80 -1.83	22.41 0.78 -2.53	26.02 1.01 -0.26	28.82 1.12 -2.90	27.69 1.14 -2.88	26.73 1.06 -4.12	25.61 0.99 -4.39	25.17 0.85 -7.25	24.90 0.80 -8.73	25.62 1.00 -6.14	25.77 1.03 -5.23	26.17 1.22 -4.24	33.12 1.28 -10.50	35.05 1.28 -12.14	37.38 1.64 -5.93	35.44 1.50 -4.49	30.87 1.37 -0.29	27.22 1.26 -0.83	25.44 1.14 -2.30	23.00 1.06 -0.32
BOWLINE___2 23595	26.11 0.95 -5.31	22.44 0.82 -2.87	20.88 0.76 -3.57	20.46 0.78 -2.43	20.80 0.80 -1.83	22.41 0.78 -2.53	26.02 1.01 -0.26	28.82 1.12 -2.90	27.69 1.14 -2.88	26.73 1.06 -4.12	25.61 0.99 -4.39	25.18 0.85 -7.25	24.90 0.80 -8.74	25.62 1.00 -6.14	25.79 1.05 -5.23	26.17 1.22 -4.24	33.12 1.28 -10.50	35.05 1.28 -12.14	37.39 1.64 -5.94	35.44 1.50 -4.49	30.90 1.40 -0.29	27.23 1.26 -0.83	25.44 1.14 -2.30	23.00 1.06 -0.32
BRADY___115KV_TB2 356060	19.53 -0.32 0.00	18.56 -0.19 0.00	16.36 -0.18 0.00	17.08 -0.17 0.00	18.03 -0.15 0.00	18.98 -0.11 0.00	24.30 -0.45 0.00	24.35 -0.45 0.00	23.22 -0.45 0.00	21.12 -0.43 0.00	19.83 -0.40 0.00	16.70 -0.38 0.00	15.00 -0.37 0.00	18.08 -0.41 0.00	19.08 -0.43 0.00	20.29 -0.41 0.00	20.89 -0.45 0.00	21.16 -0.48 0.00	29.39 -0.42 0.00	29.04 -0.41 0.00	28.71 -0.50 0.00	24.61 -0.53 0.00	21.42 -0.57 0.00	21.08 -0.54 0.00
BRANSCOMB___SOLAR 323811	28.26 1.15 -7.26	23.71 1.05 -3.92	22.34 0.91 -4.89	21.51 0.93 -3.32	21.67 1.00 -2.50	23.66 1.11 -3.45	26.70 1.61 -0.35	30.28 1.51 -3.97	28.98 1.37 -3.93	28.37 1.18 -5.63	27.33 1.09 -6.00	27.89 0.90 -9.91	28.06 0.75 -11.94	27.76 0.89 -8.39	27.60 0.94 -7.16	27.48 0.97 -5.80	35.38 1.02 -13.02	39.04 1.15 -16.26	39.59 1.67 -8.11	37.33 1.74 -6.14	31.39 1.78 -0.40	27.83 1.56 -1.14	26.44 1.30 -3.14	23.29 1.23 -0.44
BRENTWOD_69_KV_W. BRTWOOD 56703	29.14 2.00 -7.29	23.90 1.74 -3.41	21.71 1.41 -3.76	21.27 1.45 -2.56	21.59 1.49 -1.92	23.36 1.60 -2.66	26.87 1.86 -0.27	30.23 2.38 -3.06	29.16 2.41 -3.08	28.15 2.24 -4.36	28.72 2.02 -6.47	29.52 1.72 -10.72	31.56 1.52 -14.67	32.85 1.77 -12.59	34.52 1.93 -13.08	40.31 2.15 -17.45	48.34 2.18 -24.82	46.21 2.16 -22.41	50.00 2.86 -17.33	45.83 2.77 -13.61	39.09 2.80 -7.08	33.90 2.36 -6.40	28.54 2.27 -4.28	25.56 2.14 -1.80
BRISTLHL_115KV_TB1 79998	20.29 0.16 -0.29	19.07 0.17 -0.15	16.92 0.18 -0.19	17.54 0.16 -0.13	18.46 0.18 -0.10	19.46 0.23 -0.14	25.28 0.52 -0.01	25.40 0.45 -0.16	24.25 0.43 -0.16	22.05 0.28 -0.22	20.69 0.22 -0.24	17.65 0.19 -0.39	16.04 0.20 -0.47	19.04 0.22 -0.33	20.00 0.21 -0.28	21.10 0.17 -0.23	22.10 0.21 -0.54	22.61 0.32 -0.65	30.55 0.42 -0.32	30.16 0.47 -0.24	29.74 0.53 -0.02	25.61 0.43 -0.04	22.49 0.37 -0.12	22.00 0.37 -0.02
BROOKHAVEN___DRP 24191	29.22 2.08 -7.29	23.97 1.82 -3.41	21.80 1.49 -3.76	21.35 1.54 -2.56	21.66 1.56 -1.92	23.42 1.66 -2.66	26.94 1.93 -0.27	30.33 2.48 -3.06	29.23 2.49 -3.08	28.20 2.28 -4.36	28.70 2.00 -6.47	29.50 1.71 -10.72	31.53 1.49 -14.67	32.87 1.79 -12.59	34.60 2.01 -13.08	40.39 2.24 -17.45	48.40 2.24 -24.82	46.30 2.25 -22.41	50.12 2.98 -17.33	45.92 2.86 -13.61	39.23 2.95 -7.08	34.03 2.49 -6.40	28.62 2.35 -4.28	25.65 2.23 -1.80

BROOKLYN_NAVY_YARD 23515	26.51 1.07 -5.60	22.65 0.88 -3.02	21.16 0.86 -3.76	20.68 0.86 -2.56	21.01 0.91 -1.92	22.60 0.84 -2.66	26.10 1.09 -0.27	29.14 1.29 -3.05	28.05 1.35 -3.03	27.16 1.27 -4.34	26.03 1.17 -4.62	25.73 1.02 -7.63	25.52 0.95 -9.20	26.17 1.22 -6.46	26.25 1.23 -5.51	26.60 1.43 -4.47	33.92 1.52 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.92 1.74 -4.73	31.09 1.58 -0.31	27.42 1.41 -0.87	25.78 1.36 -2.42	23.14 1.19 -0.34
BROOKLYN__ARMY_DRP 323595	26.57 1.13 -5.60	22.68 0.92 -3.02	21.07 0.76 -3.76	20.73 0.91 -2.56	20.99 0.89 -1.92	22.47 0.71 -2.66	25.91 0.89 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.25 1.23 -5.51	26.58 1.41 -4.47	33.92 1.52 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.86 1.68 -4.73	31.06 1.55 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34
BROOKVLE_69_KV_TB1 55790	28.66 1.53 -7.29	23.49 1.33 -3.41	21.40 1.09 -3.76	20.97 1.16 -2.56	21.28 1.18 -1.92	23.00 1.24 -2.66	26.50 1.48 -0.27	29.64 1.79 -3.06	28.60 1.85 -3.08	27.66 1.75 -4.36	28.34 1.64 -6.47	29.18 1.38 -10.72	31.31 1.28 -14.67	32.58 1.50 -12.59	34.25 1.66 -13.08	39.94 1.78 -17.45	47.99 1.84 -24.82	45.84 1.80 -22.41	49.49 2.36 -17.33	45.30 2.24 -13.61	38.47 2.19 -7.08	33.48 1.94 -6.40	28.01 1.74 -4.28	25.10 1.69 -1.80
BROOME_2_LFGE 323671	20.90 0.14 -0.91	19.37 0.13 -0.49	17.26 0.10 -0.61	17.79 0.12 -0.42	18.60 0.11 -0.31	19.65 0.12 -0.43	25.28 0.49 -0.04	25.64 0.35 -0.49	24.51 0.36 -0.49	22.51 0.26 -0.70	21.20 0.22 -0.74	18.51 0.21 -1.23	17.05 0.20 -1.48	19.75 0.22 -1.04	20.64 0.23 -0.90	21.64 0.21 -0.73	23.30 0.24 -1.73	24.03 0.33 -2.07	31.10 0.27 -1.02	30.49 0.26 -0.77	29.72 0.47 -0.05	25.68 0.40 -0.14	22.67 0.29 -0.40	22.04 0.37 -0.06
BROOME__LFGE 323600	20.90 0.14 -0.91	19.37 0.13 -0.49	17.26 0.10 -0.61	17.79 0.12 -0.42	18.60 0.11 -0.31	19.65 0.12 -0.43	25.28 0.49 -0.04	25.64 0.35 -0.49	24.51 0.36 -0.49	22.51 0.26 -0.70	21.20 0.22 -0.74	18.51 0.21 -1.23	17.05 0.20 -1.48	19.75 0.22 -1.04	20.64 0.23 -0.90	21.64 0.21 -0.73	23.30 0.24 -1.73	24.03 0.33 -2.07	31.10 0.27 -1.02	30.49 0.26 -0.77	29.72 0.47 -0.05	25.68 0.40 -0.14	22.67 0.29 -0.40	22.04 0.37 -0.06
BROWNFLS_115KV_TB_3_5 80003	19.35 -0.50 0.00	18.35 -0.39 0.00	16.16 -0.38 0.00	16.88 -0.38 0.00	17.83 -0.35 0.00	18.81 -0.29 0.00	24.30 -0.45 0.00	24.43 -0.37 0.00	23.27 -0.40 0.00	21.08 -0.47 0.00	19.66 -0.57 0.00	16.56 -0.51 0.00	14.85 -0.52 0.00	17.88 -0.61 0.00	18.84 -0.66 0.00	20.05 -0.66 0.00	20.70 -0.64 0.00	21.16 -0.48 0.00	29.39 -0.42 0.00	29.04 -0.41 0.00	28.62 -0.58 0.00	24.53 -0.60 0.00	21.40 -0.59 0.00	21.06 -0.56 0.00
BROWNSV1_27_KV_LOAD 356125	26.69 1.25 -5.60	22.81 1.05 -3.02	21.21 0.91 -3.76	20.83 1.02 -2.56	21.13 1.04 -1.92	22.71 0.95 -2.66	26.28 1.26 -0.27	29.31 1.46 -3.05	28.26 1.56 -3.03	27.35 1.47 -4.34	26.23 1.38 -4.62	25.92 1.21 -7.63	25.67 1.11 -9.20	26.22 1.28 -6.46	26.44 1.42 -5.51	26.77 1.59 -4.47	34.07 1.66 -11.07	36.02 1.60 -12.78	38.12 2.06 -6.25	36.09 1.91 -4.73	31.38 1.87 -0.31	27.62 1.61 -0.87	25.89 1.47 -2.42	23.36 1.41 -0.34
BURROWS__LYONSDAL 23803	19.90 -0.06 -0.12	18.85 0.04 -0.06	16.62 0.00 -0.08	17.29 -0.02 -0.05	18.25 0.04 -0.04	19.31 0.15 -0.06	25.12 0.37 -0.01	25.28 0.42 -0.06	24.09 0.36 -0.06	21.82 0.17 -0.09	20.33 0.00 -0.10	17.22 -0.02 -0.16	15.49 -0.08 -0.20	18.53 -0.09 -0.14	19.51 -0.12 -0.12	20.74 -0.06 -0.09	21.56 0.00 -0.22	22.15 0.24 -0.27	30.42 0.48 -0.13	29.99 0.44 -0.10	29.53 0.32 -0.01	25.33 0.18 -0.02	22.16 0.11 -0.05	21.82 0.19 -0.01
CAITHNESS_CC_1 323624	29.14 2.00 -7.29	23.90 1.74 -3.41	21.88 1.57 -3.76	21.28 1.47 -2.56	21.66 1.56 -1.92	23.40 1.64 -2.66	27.19 2.18 -0.27	30.28 2.43 -3.06	29.16 2.42 -3.08	28.11 2.20 -4.36	28.64 1.94 -6.47	29.45 1.66 -10.72	31.48 1.44 -14.67	32.89 1.81 -12.59	34.52 1.93 -13.08	40.33 2.17 -17.45	48.42 2.26 -24.82	46.27 2.23 -22.41	50.06 2.92 -17.32	45.92 2.86 -13.61	39.09 2.80 -7.08	33.98 2.44 -6.40	28.63 2.35 -4.28	25.56 2.14 -1.80
CALPINE BETH_PAGE_GT4 24209	28.82 1.69 -7.29	23.64 1.48 -3.41	21.50 1.19 -3.76	21.06 1.24 -2.56	21.37 1.27 -1.92	23.12 1.36 -2.66	26.60 1.58 -0.27	29.81 1.96 -3.06	28.78 2.04 -3.08	27.83 1.92 -4.36	28.44 1.74 -6.47	29.23 1.43 -10.72	31.31 1.28 -14.67	32.58 1.50 -12.59	34.23 1.64 -13.08	40.02 1.86 -17.45	48.04 1.88 -24.82	45.91 1.86 -22.41	49.58 2.44 -17.33	45.42 2.36 -13.61	38.62 2.34 -7.08	33.50 1.96 -6.40	28.12 1.85 -4.28	25.26 1.84 -1.80
CALPINE_BETH_PAGE_GT_4 323586	28.82 1.69 -7.29	23.64 1.48 -3.41	21.61 1.31 -3.77	21.06 1.24 -2.56	21.42 1.33 -1.92	23.15 1.39 -2.66	26.87 1.86 -0.27	29.86 2.01 -3.06	28.79 2.04 -3.08	27.83 1.92 -4.36	28.44 1.74 -6.47	29.23 1.43 -10.72	31.31 1.27 -14.67	32.65 1.57 -12.59	34.24 1.66 -13.08	40.06 1.90 -17.45	48.12 1.96 -24.82	45.99 1.95 -22.41	49.67 2.53 -17.33	45.50 2.44 -13.61	38.62 2.34 -7.08	33.55 2.01 -6.40	28.21 1.94 -4.28	25.26 1.84 -1.80
CALPINE_BP_GT1 23823	28.82 1.69 -7.29	23.64 1.48 -3.41	21.61 1.31 -3.77	21.06 1.24 -2.56	21.42 1.33 -1.92	23.15 1.39 -2.66	26.87 1.86 -0.27	29.86 2.01 -3.06	28.79 2.04 -3.08	27.83 1.92 -4.36	28.44 1.74 -6.47	29.23 1.43 -10.72	31.31 1.27 -14.67	32.65 1.57 -12.59	34.24 1.66 -13.08	40.06 1.90 -17.45	48.12 1.96 -24.82	45.99 1.95 -22.41	49.67 2.53 -17.33	45.50 2.44 -13.61	38.62 2.34 -7.08	33.55 2.01 -6.40	28.21 1.94 -4.28	25.26 1.84 -1.80
CALSPAN__DRP 24200	20.35 0.02 -0.49	18.91 -0.09 -0.26	16.97 0.10 -0.33	17.44 -0.03 -0.22	18.22 -0.13 -0.17	19.10 -0.23 -0.23	25.38 0.62 -0.02	25.29 0.22 -0.27	24.10 0.17 -0.26	22.08 0.15 -0.38	20.72 0.08 -0.40	17.94 0.20 -0.67	16.37 0.20 -0.80	19.29 0.24 -0.56	20.12 0.14 -0.48	21.14 0.04 -0.39	22.24 -0.02 -0.92	22.94 0.19 -1.10	30.12 -0.24 -0.54	29.72 -0.15 -0.41	29.26 0.03 -0.03	25.31 0.10 -0.08	22.45 0.24 -0.21	22.17 0.52 -0.03
CALVERTON__SOLAR 323806	29.32 2.18 -7.29	24.07 1.91 -3.41	22.01 1.70 -3.76	21.42 1.61 -2.56	21.81 1.71 -1.92	23.55 1.79 -2.66	27.41 2.40 -0.27	30.51 2.65 -3.06	29.38 2.63 -3.08	28.28 2.37 -4.36	28.76 2.06 -6.47	29.55 1.76 -10.72	31.59 1.55 -14.67	33.02 1.94 -12.59	34.69 2.11 -13.08	40.54 2.38 -17.45	48.63 2.47 -24.82	46.51 2.47 -22.41	50.42 3.28 -17.32	46.24 3.18 -13.61	39.41 3.13 -7.08	34.23 2.69 -6.40	28.82 2.55 -4.28	25.73 2.31 -1.80
CANDIGU_WT_PWR 323617	20.61 0.12 -0.64	19.19 0.09 -0.35	17.04 0.07 -0.43	17.65 0.10 -0.29	18.45 0.05 -0.22	19.42 0.02 -0.31	25.54 0.77 -0.03	25.54 0.40 -0.35	24.37 0.36 -0.35	22.31 0.26 -0.49	20.92 0.16 -0.53	18.15 0.21 -0.87	16.60 0.19 -1.05	19.39 0.17 -0.74	20.31 0.18 -0.63	21.28 0.06 -0.51	22.64 0.09 -1.21	23.37 0.28 -1.45	30.50 -0.03 -0.72	30.05 0.06 -0.54	29.73 0.50 -0.04	25.67 0.43 -0.10	22.58 0.31 -0.28	22.22 0.56 -0.04

CARR STREET_E_SYR 24060	20.03 -0.12 -0.30	18.80 -0.11 -0.16	16.63 -0.11 -0.20	17.29 -0.10 -0.14	18.17 -0.11 -0.10	19.13 -0.11 -0.14	24.86 0.10 -0.01	24.99 0.02 -0.17	23.86 0.02 -0.16	21.74 -0.04 -0.24	20.42 -0.06 -0.25	17.45 -0.03 -0.41	15.85 -0.02 -0.50	18.80 -0.04 -0.35	19.77 -0.04 -0.30	20.87 -0.08 -0.24	21.85 -0.06 -0.58	22.33 0.00 -0.69	30.03 -0.12 -0.34	29.65 -0.06 -0.26	29.25 0.03 -0.02	25.19 0.00 -0.05	22.10 -0.02 -0.13	21.66 0.02 -0.02
CARTHAGE___PAPER 23857	19.75 -0.26 -0.16	18.65 -0.19 -0.09	16.47 -0.18 -0.11	17.11 -0.22 -0.07	18.05 -0.18 -0.06	19.14 -0.04 -0.08	24.90 0.15 -0.01	25.11 0.22 -0.09	23.90 0.14 -0.09	21.61 -0.06 -0.13	20.12 -0.24 -0.14	17.06 -0.24 -0.22	15.36 -0.28 -0.27	18.32 -0.35 -0.19	19.30 -0.37 -0.16	20.49 -0.35 -0.13	21.37 -0.28 -0.31	21.99 -0.02 -0.37	30.21 0.21 -0.18	29.82 0.23 -0.14	29.30 0.09 -0.01	25.09 -0.08 -0.03	21.91 -0.15 -0.07	21.52 -0.11 -0.01
CASSADAGA_WT_PWR 323784	20.75 0.40 -0.51	19.36 0.34 -0.28	17.15 0.26 -0.35	17.84 0.34 -0.23	18.61 0.25 -0.18	19.57 0.23 -0.24	26.18 1.41 -0.02	25.89 0.82 -0.28	24.82 0.88 -0.28	22.75 0.80 -0.40	21.34 0.69 -0.42	18.50 0.73 -0.70	16.87 0.66 -0.84	19.72 0.65 -0.59	20.68 0.66 -0.51	21.59 0.48 -0.41	22.74 0.43 -0.97	23.51 0.71 -1.16	30.60 0.21 -0.57	30.24 0.35 -0.43	30.14 0.91 -0.03	26.02 0.80 -0.08	22.83 0.61 -0.22	22.71 1.06 -0.03
CE_DUNWOOD___DRP 24194	26.47 1.05 -5.57	22.67 0.92 -3.01	21.07 0.78 -3.75	20.67 0.86 -2.55	20.96 0.87 -1.92	22.59 0.84 -2.65	26.10 1.09 -0.27	29.06 1.22 -3.04	27.97 1.28 -3.02	27.08 1.21 -4.32	25.97 1.13 -4.61	25.65 0.97 -7.60	25.44 0.91 -9.16	25.98 1.05 -6.44	26.17 1.17 -5.49	26.49 1.33 -4.45	33.71 1.34 -11.03	35.70 1.32 -12.74	37.77 1.73 -6.23	35.78 1.62 -4.71	31.09 1.58 -0.31	27.37 1.36 -0.87	25.64 1.23 -2.41	23.14 1.19 -0.34
CE_MILLWOOD___DRP 24193	26.41 1.03 -5.54	22.63 0.90 -2.99	21.01 0.74 -3.72	20.62 0.83 -2.53	20.91 0.84 -1.90	22.55 0.82 -2.63	26.08 1.06 -0.27	28.99 1.17 -3.02	27.90 1.23 -3.00	27.01 1.16 -4.29	25.90 1.09 -4.58	25.57 0.94 -7.55	25.33 0.86 -9.10	25.90 1.02 -6.40	26.09 1.13 -5.46	26.39 1.26 -4.42	33.60 1.30 -10.96	35.57 1.28 -12.65	37.67 1.67 -6.19	35.69 1.56 -4.68	31.03 1.52 -0.31	27.34 1.33 -0.87	25.58 1.19 -2.40	23.10 1.15 -0.34
CE_NYC2_DRP 24202	26.51 1.07 -5.60	22.68 0.92 -3.02	21.07 0.76 -3.76	20.71 0.90 -2.56	20.99 0.89 -1.92	22.52 0.76 -2.66	25.98 0.96 -0.27	29.02 1.17 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.53 0.97 -9.20	26.04 1.09 -6.46	26.25 1.23 -5.51	26.56 1.39 -4.47	33.86 1.45 -11.07	35.81 1.38 -12.78	37.82 1.76 -6.25	35.80 1.62 -4.73	31.06 1.55 -0.31	27.32 1.31 -0.87	25.65 1.23 -2.42	23.12 1.17 -0.34
CE_NYC_DRP 24195	26.55 1.11 -5.60	22.70 0.94 -3.02	21.12 0.81 -3.76	20.73 0.91 -2.56	21.01 0.91 -1.92	22.60 0.84 -2.66	26.10 1.09 -0.27	29.12 1.26 -3.05	28.05 1.35 -3.03	27.18 1.29 -4.34	26.07 1.21 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.08 1.13 -6.46	26.29 1.27 -5.51	26.61 1.43 -4.47	33.88 1.47 -11.07	35.83 1.41 -12.78	37.85 1.79 -6.25	35.86 1.68 -4.73	31.18 1.66 -0.31	27.45 1.43 -0.87	25.74 1.32 -2.42	23.21 1.25 -0.34
CHAFFEE___LFGE 323603	20.27 -0.08 -0.50	18.90 -0.11 -0.27	16.76 -0.11 -0.34	17.42 -0.07 -0.23	18.15 -0.20 -0.17	19.05 -0.29 -0.24	25.48 0.72 -0.02	25.17 0.10 -0.27	24.08 0.14 -0.27	22.11 0.17 -0.39	20.74 0.10 -0.41	17.97 0.22 -0.68	16.40 0.22 -0.82	19.21 0.15 -0.58	20.15 0.16 -0.49	21.03 -0.08 -0.40	22.16 -0.13 -0.95	22.90 0.13 -1.13	29.78 -0.60 -0.56	29.43 -0.44 -0.42	29.35 0.12 -0.03	25.32 0.10 -0.08	22.28 0.07 -0.22	22.17 0.52 -0.03
CHATEAUG_35_KV_LOAD 355732	19.76 -0.08 0.00	18.71 -0.04 0.00	16.54 0.00 0.00	17.31 0.05 0.00	18.25 0.07 0.00	19.19 0.10 0.00	24.27 -0.47 0.00	24.45 -0.35 0.00	23.27 -0.40 0.00	21.12 -0.43 0.00	19.77 -0.47 0.00	16.58 -0.50 0.00	14.85 -0.52 0.00	17.89 -0.59 0.00	18.84 -0.66 0.00	20.11 -0.60 0.00	20.70 -0.64 0.00	21.08 -0.56 0.00	29.69 -0.12 0.00	29.39 -0.06 0.00	29.00 -0.20 0.00	24.91 -0.23 0.00	21.75 -0.24 0.00	21.34 -0.28 0.00
CHATEAUG_WT_PWR 323614	19.76 -0.08 0.00	18.71 -0.04 0.00	16.58 0.03 0.00	17.31 0.05 0.00	18.25 0.07 0.00	19.19 0.10 0.00	24.22 -0.52 0.00	24.43 -0.37 0.00	23.25 -0.43 0.00	21.08 -0.47 0.00	19.71 -0.53 0.00	16.54 -0.53 0.00	14.82 -0.55 0.00	17.84 -0.65 0.00	18.80 -0.70 0.00	20.05 -0.66 0.00	20.64 -0.70 0.00	20.95 -0.69 0.00	29.69 -0.12 0.00	29.36 -0.09 0.00	29.00 -0.20 0.00	24.89 -0.25 0.00	21.77 -0.22 0.00	21.36 -0.26 0.00
CHAT_HIGH_FALL_HYD 323578	19.76 -0.08 0.00	18.71 -0.04 0.00	16.58 0.03 0.00	17.31 0.05 0.00	18.25 0.07 0.00	19.19 0.10 0.00	24.25 -0.49 0.00	24.45 -0.35 0.00	23.27 -0.40 0.00	21.12 -0.43 0.00	19.77 -0.46 0.00	16.58 -0.50 0.00	14.85 -0.52 0.00	17.89 -0.59 0.00	18.84 -0.66 0.00	20.07 -0.64 0.00	20.68 -0.66 0.00	20.95 -0.69 0.00	29.69 -0.12 0.00	29.36 -0.09 0.00	29.00 -0.20 0.00	24.89 -0.25 0.00	21.75 -0.24 0.00	21.34 -0.28 0.00
CHAUTAUQUA___LFGE 323629	20.61 0.26 -0.51	19.21 0.19 -0.27	17.05 0.17 -0.34	17.69 0.21 -0.23	18.46 0.11 -0.17	19.38 0.04 -0.24	25.88 1.11 -0.02	25.64 0.57 -0.27	24.56 0.61 -0.27	22.52 0.58 -0.39	21.11 0.47 -0.42	18.30 0.55 -0.69	16.69 0.49 -0.83	19.55 0.48 -0.58	20.51 0.51 -0.50	21.42 0.31 -0.40	22.55 0.26 -0.96	23.30 0.52 -1.14	30.32 -0.06 -0.56	29.97 0.09 -0.43	29.84 0.61 -0.03	25.75 0.53 -0.08	22.68 0.46 -0.22	22.49 0.84 -0.03
CHERRYST_13_KV_LD 356241	26.59 1.15 -5.60	22.74 0.97 -3.02	21.15 0.84 -3.76	20.78 0.97 -2.56	21.06 0.96 -1.92	22.66 0.90 -2.66	26.18 1.16 -0.27	29.19 1.34 -3.05	28.12 1.42 -3.03	27.25 1.36 -4.34	26.13 1.27 -4.62	25.81 1.11 -7.63	25.59 1.03 -9.20	26.13 1.18 -6.46	26.34 1.33 -5.51	26.67 1.49 -4.47	33.95 1.54 -11.07	35.89 1.47 -12.78	37.94 1.88 -6.25	35.95 1.77 -4.73	31.24 1.72 -0.31	27.50 1.48 -0.87	25.78 1.36 -2.42	23.25 1.30 -0.34
CHESTROR_138KV_BK263 355645	25.61 0.83 -4.93	22.12 0.71 -2.66	20.45 0.60 -3.32	20.17 0.66 -2.26	20.52 0.65 -1.69	22.07 0.63 -2.34	25.82 0.84 -0.24	28.41 0.92 -2.69	27.29 0.95 -2.67	26.26 0.88 -3.82	25.14 0.83 -4.07	24.50 0.70 -6.73	24.12 0.65 -8.11	24.94 0.76 -5.70	25.22 0.86 -4.86	25.62 0.97 -3.94	32.05 0.98 -9.73	33.89 1.00 -11.26	36.63 1.31 -5.51	34.83 1.21 -4.17	30.67 1.20 -0.27	26.94 1.03 -0.77	25.05 0.92 -2.13	22.82 0.91 -0.30
CH_MIDHUDSON___DRP 24192	26.58 0.97 -5.76	22.74 0.88 -3.11	21.15 0.73 -3.88	20.70 0.81 -2.64	20.97 0.82 -1.98	22.62 0.78 -2.74	26.06 1.04 -0.28	29.04 1.09 -3.15	27.91 1.11 -3.12	27.05 1.03 -4.47	25.97 0.97 -4.76	25.76 0.82 -7.86	25.60 0.75 -9.47	26.03 0.89 -6.66	26.18 0.99 -5.68	26.43 1.12 -4.60	33.71 1.15 -11.22	35.91 1.15 -13.12	37.80 1.55 -6.44	35.79 1.47 -4.87	30.95 1.43 -0.32	27.27 1.23 -0.90	25.57 1.08 -2.49	23.07 1.10 -0.35

CH_MISC_IPPS 23765	26.51 1.07 -5.60	22.72 0.96 -3.02	21.15 0.84 -3.76	20.68 0.86 -2.56	20.99 0.89 -1.92	22.62 0.86 -2.66	26.13 1.11 -0.27	29.07 1.21 -3.06	27.89 1.18 -3.03	26.97 1.08 -4.34	25.87 1.01 -4.63	25.55 0.84 -7.64	25.35 0.78 -9.20	25.93 0.98 -6.47	26.05 1.03 -5.51	26.40 1.22 -4.47	33.56 1.28 -10.94	35.72 1.32 -12.76	37.88 1.82 -6.25	35.86 1.68 -4.73	31.09 1.58 -0.31	27.39 1.38 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34
CH_RES_BVR_FALLS 23983	19.63 -0.22 0.00	18.56 -0.19 0.00	16.36 -0.18 0.00	17.10 -0.16 0.00	18.01 -0.16 0.00	18.93 -0.17 0.00	24.35 -0.40 0.00	24.43 -0.37 0.00	23.32 -0.35 0.00	21.25 -0.30 0.00	19.97 -0.26 0.00	16.83 -0.24 0.00	15.15 -0.22 0.00	18.23 -0.26 0.00	19.23 -0.27 0.00	20.42 -0.29 0.00	21.02 -0.32 0.00	21.27 -0.37 0.00	29.42 -0.39 0.00	29.07 -0.38 0.00	28.79 -0.41 0.00	24.76 -0.38 0.00	21.67 -0.33 0.00	21.29 -0.32 0.00
CH_RES_NIAGARA 23895	19.88 -0.42 -0.46	18.60 -0.39 -0.25	16.55 -0.30 -0.31	17.21 -0.26 -0.21	17.91 -0.42 -0.16	18.70 -0.61 -0.22	24.76 0.00 -0.02	24.50 -0.55 -0.25	23.40 -0.52 -0.25	21.47 -0.43 -0.35	20.16 -0.45 -0.38	17.45 -0.24 -0.62	15.90 -0.22 -0.75	18.64 -0.37 -0.52	19.56 -0.39 -0.45	20.43 -0.64 -0.36	21.50 -0.70 -0.86	22.17 -0.50 -1.03	28.83 -1.49 -0.51	28.57 -1.27 -0.38	28.32 -0.91 -0.03	24.46 -0.75 -0.07	21.71 -0.48 -0.20	21.65 0.00 -0.03
CH_RES_SYRACUSE 23985	20.23 0.06 -0.33	19.00 0.08 -0.18	16.80 0.03 -0.22	17.46 0.05 -0.15	18.36 0.07 -0.11	19.35 0.10 -0.16	25.10 0.35 -0.02	25.23 0.25 -0.18	24.11 0.26 -0.18	21.96 0.15 -0.26	20.61 0.10 -0.27	17.63 0.10 -0.45	16.02 0.11 -0.54	18.98 0.11 -0.38	19.95 0.12 -0.33	21.06 0.08 -0.26	22.07 0.11 -0.63	22.58 0.19 -0.75	30.36 0.18 -0.37	29.97 0.23 -0.28	29.57 0.35 -0.02	25.44 0.25 -0.05	22.31 0.18 -0.14	21.85 0.22 -0.02
CLINTON_WT_PWR 323605	19.76 -0.08 0.00	18.71 -0.04 0.00	16.58 0.03 0.00	17.31 0.05 0.00	18.25 0.07 0.00	19.19 0.10 0.00	24.22 -0.52 0.00	24.43 -0.37 0.00	23.25 -0.43 0.00	21.08 -0.47 0.00	19.71 -0.53 0.00	16.54 -0.53 0.00	14.82 -0.55 0.00	17.84 -0.65 0.00	18.80 -0.70 0.00	20.05 -0.66 0.00	20.64 -0.70 0.00	20.95 -0.69 0.00	29.69 -0.12 0.00	29.36 -0.09 0.00	29.00 -0.20 0.00	24.89 -0.25 0.00	21.77 -0.22 0.00	21.36 -0.26 0.00
CLINTON__LFGE 323618	20.00 0.16 0.00	18.93 0.19 0.00	16.77 0.23 0.00	17.51 0.26 0.00	18.47 0.29 0.00	19.42 0.32 0.00	24.45 -0.30 0.00	24.67 -0.12 0.00	23.48 -0.19 0.00	21.32 -0.24 0.00	19.91 -0.32 0.00	16.70 -0.38 0.00	14.95 -0.41 0.00	18.04 -0.44 0.00	18.98 -0.53 0.00	20.23 -0.48 0.00	20.81 -0.53 0.00	21.10 -0.54 0.00	30.08 0.27 0.00	29.72 0.26 0.00	29.35 0.15 0.00	25.16 0.03 0.00	21.97 -0.02 0.00	21.53 -0.09 0.00
COBBLENY_34_KV_TB1 80064	20.32 -0.02 -0.50	18.90 -0.11 -0.27	16.95 0.07 -0.34	17.42 -0.07 -0.23	18.20 -0.15 -0.17	19.09 -0.25 -0.24	25.39 0.62 -0.02	25.29 0.22 -0.27	24.11 0.17 -0.27	22.11 0.17 -0.39	20.75 0.10 -0.41	17.98 0.22 -0.68	16.41 0.22 -0.82	19.32 0.26 -0.58	20.16 0.16 -0.49	21.17 0.06 -0.40	22.27 -0.02 -0.95	22.97 0.19 -1.13	30.13 -0.24 -0.56	29.76 -0.12 -0.42	29.32 0.09 -0.03	25.32 0.10 -0.08	22.45 0.24 -0.22	22.17 0.52 -0.03
COFFEEN__115KV_TB3 355620	20.03 0.00 -0.19	18.94 0.09 -0.10	16.70 0.03 -0.13	17.36 0.02 -0.09	18.35 0.11 -0.06	19.47 0.29 -0.09	25.47 0.72 -0.01	25.59 0.69 -0.10	24.34 0.57 -0.10	21.96 0.26 -0.14	20.45 0.06 -0.15	17.36 0.03 -0.26	15.61 -0.06 -0.31	18.65 -0.06 -0.22	19.59 -0.10 -0.18	20.82 -0.04 -0.15	21.76 0.06 -0.35	22.45 0.39 -0.42	30.80 0.78 -0.21	30.38 0.77 -0.16	29.88 0.67 -0.01	25.59 0.43 -0.03	22.38 0.31 -0.08	21.89 0.26 -0.01
COLDSPRG_115KV_BK1 355956	20.73 0.36 -0.53	19.27 0.24 -0.28	17.26 0.36 -0.35	17.74 0.24 -0.24	18.54 0.18 -0.18	19.52 0.17 -0.25	26.05 1.29 -0.03	25.93 0.84 -0.29	24.76 0.80 -0.29	22.69 0.73 -0.41	21.27 0.61 -0.43	18.44 0.65 -0.72	16.83 0.60 -0.87	19.80 0.70 -0.61	20.63 0.60 -0.52	21.69 0.56 -0.42	22.83 0.49 -0.99	23.52 0.69 -1.19	30.85 0.45 -0.59	30.45 0.56 -0.44	30.11 0.88 -0.03	25.87 0.65 -0.08	22.90 0.68 -0.23	22.64 0.99 -0.03
COLONIE_LFGE__ 323577	27.87 0.81 -7.21	23.42 0.79 -3.89	22.07 0.68 -4.85	21.26 0.71 -3.30	21.40 0.75 -2.48	23.35 0.82 -3.43	26.21 1.11 -0.35	29.82 1.09 -3.94	28.57 0.99 -3.90	28.02 0.88 -5.59	27.02 0.83 -5.96	27.61 0.70 -9.83	27.83 0.62 -11.85	27.53 0.72 -8.33	27.37 0.76 -7.10	27.29 0.83 -5.76	35.01 0.85 -12.81	38.65 0.91 -16.11	39.12 1.25 -8.05	36.81 1.27 -6.09	30.86 1.25 -0.40	27.40 1.13 -1.13	26.08 0.97 -3.12	22.98 0.93 -0.44
COOPERNY_115KV_TB1 80082	23.69 0.58 -3.27	21.00 0.49 -1.76	19.15 0.41 -2.20	19.20 0.45 -1.50	19.75 0.45 -1.12	21.09 0.44 -1.55	25.52 0.62 -0.16	27.25 0.67 -1.78	26.15 0.71 -1.77	24.73 0.65 -2.53	23.52 0.59 -2.70	22.03 0.50 -4.46	21.20 0.46 -5.37	22.80 0.54 -3.78	23.35 0.62 -3.22	24.02 0.70 -2.61	28.47 0.70 -6.43	29.83 0.74 -7.46	34.42 0.95 -3.65	33.10 0.88 -2.76	30.23 0.85 -0.18	26.40 0.75 -0.51	24.09 0.68 -1.41	22.46 0.65 -0.20
COPENHAGEN_WT_PWR 323753	19.96 -0.08 -0.19	18.85 0.00 -0.10	16.64 -0.03 -0.13	17.28 -0.07 -0.09	18.24 0.00 -0.07	19.33 0.13 -0.09	25.27 0.52 -0.01	25.40 0.50 -0.11	24.18 0.40 -0.10	21.85 0.15 -0.15	20.37 -0.02 -0.16	17.30 -0.03 -0.26	15.58 -0.11 -0.32	18.56 -0.15 -0.22	19.54 -0.16 -0.19	20.72 -0.14 -0.15	21.64 -0.06 -0.37	22.29 0.22 -0.44	30.50 0.48 -0.22	30.11 0.50 -0.16	29.65 0.44 -0.01	25.39 0.23 -0.03	22.19 0.11 -0.08	21.76 0.13 -0.01
CORNELL____ 23752	20.88 0.38 -0.65	19.46 0.36 -0.35	17.31 0.33 -0.44	17.87 0.31 -0.30	18.76 0.36 -0.22	19.81 0.40 -0.31	25.59 0.82 -0.03	25.95 0.79 -0.36	24.74 0.71 -0.35	22.58 0.52 -0.51	21.20 0.42 -0.54	18.32 0.36 -0.89	16.77 0.32 -1.08	19.63 0.39 -0.76	20.54 0.39 -0.65	21.62 0.39 -0.52	23.05 0.47 -1.24	23.73 0.61 -1.48	31.38 0.83 -0.73	30.86 0.85 -0.55	30.17 0.93 -0.04	25.99 0.75 -0.10	22.94 0.66 -0.28	22.26 0.61 -0.04
CORONAAV_69_KV_TB1 355595	28.68 1.55 -7.29	23.54 1.39 -3.41	21.43 1.12 -3.76	20.99 1.17 -2.56	21.30 1.20 -1.92	23.02 1.26 -2.66	26.52 1.51 -0.27	29.69 1.84 -3.06	28.67 1.92 -3.08	27.70 1.79 -4.36	28.34 1.64 -6.47	29.19 1.40 -10.72	31.30 1.26 -14.67	32.56 1.48 -12.59	34.23 1.64 -13.08	39.98 1.82 -17.45	48.02 1.86 -24.82	45.88 1.84 -22.41	49.58 2.44 -17.33	45.39 2.33 -13.61	38.56 2.28 -7.08	33.48 1.94 -6.40	28.05 1.78 -4.28	25.15 1.73 -1.80
CORTLAND_115KV_TB3 80093	20.58 0.20 -0.54	19.22 0.19 -0.29	17.10 0.20 -0.36	17.67 0.17 -0.25	18.56 0.20 -0.18	19.58 0.23 -0.25	25.31 0.54 -0.03	25.59 0.50 -0.29	24.41 0.45 -0.29	22.29 0.32 -0.42	20.92 0.24 -0.44	18.03 0.22 -0.73	16.45 0.20 -0.88	19.34 0.24 -0.62	20.29 0.25 -0.53	21.38 0.25 -0.43	22.63 0.28 -1.01	23.24 0.39 -1.21	30.92 0.51 -0.60	30.43 0.53 -0.45	29.82 0.58 -0.03	25.70 0.48 -0.08	22.64 0.42 -0.23	22.04 0.39 -0.03

COXSACKIE___GT 23611	27.62 1.05 -6.73	23.39 1.01 -3.63	21.96 0.89 -4.52	21.32 0.98 -3.08	21.50 1.02 -2.31	23.27 0.97 -3.20	26.68 1.61 -0.33	29.88 1.41 -3.67	28.47 1.16 -3.64	27.67 0.91 -5.21	26.58 0.79 -5.56	26.83 0.58 -9.18	26.95 0.52 -11.06	26.85 0.59 -7.77	26.83 0.70 -6.63	26.93 0.85 -5.37	34.89 1.13 -12.42	37.95 1.17 -15.14	39.20 1.88 -7.51	36.99 1.86 -5.68	31.62 2.04 -0.37	27.87 1.68 -1.05	26.11 1.21 -2.91	23.32 1.30 -0.41
CPV_VALLEY___CC1 323721	24.86 0.68 -4.34	21.67 0.58 -2.34	19.99 0.53 -2.92	19.78 0.54 -1.99	20.23 0.56 -1.49	21.70 0.53 -2.06	25.67 0.72 -0.21	27.96 0.79 -2.37	26.83 0.81 -2.35	25.65 0.73 -3.37	24.51 0.69 -3.59	23.58 0.58 -5.92	23.04 0.54 -7.14	24.19 0.68 -5.02	24.51 0.72 -4.28	25.05 0.87 -3.47	30.78 0.88 -8.56	32.44 0.89 -9.91	35.79 1.13 -4.85	34.18 1.06 -3.67	30.40 0.96 -0.24	26.72 0.90 -0.68	24.69 0.81 -1.88	22.64 0.76 -0.26
CPV_VALLEY___CC2 323722	24.86 0.68 -4.34	21.67 0.58 -2.34	19.99 0.53 -2.92	19.78 0.54 -1.99	20.23 0.56 -1.49	21.70 0.53 -2.06	25.67 0.72 -0.21	27.96 0.79 -2.37	26.83 0.81 -2.35	25.65 0.73 -3.37	24.51 0.69 -3.59	23.58 0.58 -5.92	23.04 0.54 -7.14	24.19 0.68 -5.02	24.51 0.72 -4.28	25.05 0.87 -3.47	30.78 0.88 -8.56	32.44 0.89 -9.91	35.79 1.13 -4.85	34.18 1.06 -3.67	30.40 0.96 -0.24	26.72 0.90 -0.68	24.69 0.81 -1.88	22.64 0.76 -0.26
CRESCENT___HYD 24018	27.87 0.81 -7.21	23.42 0.79 -3.89	22.07 0.68 -4.85	21.26 0.71 -3.30	21.40 0.75 -2.48	23.35 0.82 -3.43	26.21 1.11 -0.35	29.82 1.09 -3.94	28.57 0.99 -3.90	28.02 0.88 -5.59	27.02 0.83 -5.96	27.61 0.70 -9.83	27.83 0.62 -11.85	27.53 0.72 -8.33	27.37 0.76 -7.10	27.29 0.83 -5.76	35.01 0.85 -12.81	38.65 0.91 -16.11	39.12 1.25 -8.05	36.81 1.27 -6.09	30.86 1.25 -0.40	27.40 1.13 -1.13	26.08 0.97 -3.12	22.98 0.93 -0.44
CRICKET___VALLEY_CC1 323756	26.65 0.75 -6.05	22.72 0.71 -3.26	21.26 0.64 -4.07	20.66 0.64 -2.77	20.93 0.67 -2.08	22.68 0.71 -2.88	25.88 0.84 -0.29	28.94 0.84 -3.30	27.80 0.85 -3.28	27.06 0.82 -4.69	25.98 0.75 -5.00	25.98 0.65 -8.25	25.91 0.60 -9.95	26.23 0.76 -6.99	26.27 0.80 -5.96	26.45 0.91 -4.83	25.95 0.94 -3.67	34.30 0.93 -11.73	37.76 1.19 -6.76	35.74 1.18 -5.11	30.62 1.08 -0.34	27.04 0.96 -0.95	25.54 0.92 -2.62	22.87 0.89 -0.37
CRICKET___VALLEY_CC2 323757	26.65 0.75 -6.05	22.72 0.71 -3.26	21.26 0.64 -4.07	20.66 0.64 -2.77	20.93 0.67 -2.08	22.68 0.71 -2.88	25.88 0.84 -0.29	28.94 0.84 -3.30	27.80 0.85 -3.28	27.06 0.82 -4.69	25.98 0.75 -5.00	25.98 0.65 -8.25	25.91 0.60 -9.95	26.23 0.76 -6.99	26.27 0.80 -5.96	26.45 0.91 -4.83	25.95 0.94 -3.67	34.30 0.93 -11.73	37.76 1.19 -6.76	35.74 1.18 -5.11	30.62 1.08 -0.34	27.04 0.96 -0.95	25.54 0.92 -2.62	22.87 0.89 -0.37
CRICKET___VALLEY_CC3 323758	26.65 0.75 -6.05	22.72 0.71 -3.26	21.26 0.64 -4.07	20.66 0.64 -2.77	20.93 0.67 -2.08	22.68 0.71 -2.88	25.88 0.84 -0.29	28.94 0.84 -3.30	27.80 0.85 -3.28	27.06 0.82 -4.69	25.98 0.75 -5.00	25.98 0.65 -8.25	25.91 0.60 -9.95	26.23 0.76 -6.99	26.27 0.80 -5.96	26.45 0.91 -4.83	25.95 0.94 -3.67	34.30 0.93 -11.73	37.76 1.19 -6.76	35.74 1.18 -5.11	30.62 1.08 -0.34	27.04 0.96 -0.95	25.54 0.92 -2.62	22.87 0.89 -0.37
CRUCIBLE_METL_DRP 24180	20.25 0.08 -0.33	19.00 0.07 -0.18	16.85 0.08 -0.22	17.46 0.05 -0.15	18.38 0.09 -0.11	19.35 0.10 -0.16	25.08 0.32 -0.02	25.25 0.27 -0.18	24.11 0.26 -0.18	21.96 0.15 -0.26	20.61 0.10 -0.27	17.63 0.10 -0.45	16.02 0.11 -0.54	19.00 0.13 -0.38	19.95 0.12 -0.33	21.08 0.10 -0.26	22.07 0.11 -0.63	22.58 0.19 -0.75	30.42 0.24 -0.37	30.00 0.27 -0.28	29.54 0.32 -0.02	25.47 0.28 -0.05	22.38 0.24 -0.14	21.85 0.22 -0.02
DAHOWA___HYDRO 323763	28.35 1.23 -7.27	23.81 1.14 -3.92	22.41 0.98 -4.89	21.58 1.00 -3.33	21.75 1.07 -2.50	23.76 1.20 -3.46	26.88 1.78 -0.35	30.43 1.66 -3.97	29.13 1.52 -3.94	28.50 1.31 -5.64	27.43 1.19 -6.01	27.98 0.99 -9.92	28.14 0.81 -11.96	27.85 0.96 -8.40	27.69 1.01 -7.17	27.55 1.03 -5.81	35.51 1.11 -13.06	39.18 1.25 -16.28	39.72 1.79 -8.12	37.45 1.86 -6.15	31.53 1.93 -0.40	27.96 1.68 -1.14	26.53 1.39 -3.15	23.38 1.32 -0.44
DANC___LFGE 323619	20.03 -0.04 -0.23	18.87 0.00 -0.12	16.68 -0.02 -0.15	17.31 -0.05 -0.10	18.25 0.00 -0.08	19.30 0.10 -0.11	25.20 0.45 -0.01	25.34 0.42 -0.12	24.15 0.36 -0.12	21.88 0.15 -0.18	20.44 0.02 -0.19	17.40 0.02 -0.31	15.71 -0.03 -0.37	18.67 -0.07 -0.26	19.65 -0.08 -0.22	20.79 -0.10 -0.18	21.71 -0.06 -0.43	22.31 0.15 -0.51	30.36 0.30 -0.25	30.00 0.35 -0.19	29.57 0.35 -0.01	25.37 0.20 -0.04	22.23 0.13 -0.10	21.78 0.15 -0.01
DANSKAMMER___1 23586	26.51 1.07 -5.60	22.72 0.96 -3.02	21.15 0.84 -3.76	20.68 0.86 -2.56	20.99 0.89 -1.92	22.62 0.86 -2.66	26.13 1.11 -0.27	29.07 1.21 -3.06	27.89 1.18 -3.03	26.97 1.08 -4.34	25.87 1.01 -4.63	25.55 0.84 -7.64	25.35 0.78 -9.20	25.93 0.98 -6.47	26.05 1.03 -5.51	26.40 1.22 -4.47	33.56 1.28 -10.94	35.72 1.32 -12.76	37.88 1.82 -6.25	35.86 1.68 -4.73	31.09 1.58 -0.31	27.39 1.38 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34
DANSKAMMER___2 23589	26.51 1.07 -5.60	22.72 0.96 -3.02	21.15 0.84 -3.76	20.68 0.86 -2.56	20.99 0.89 -1.92	22.62 0.86 -2.66	26.13 1.11 -0.27	29.07 1.21 -3.06	27.89 1.18 -3.03	26.97 1.08 -4.34	25.87 1.01 -4.63	25.55 0.84 -7.64	25.35 0.78 -9.20	25.93 0.98 -6.47	26.05 1.03 -5.51	26.40 1.22 -4.47	33.56 1.28 -10.94	35.72 1.32 -12.76	37.88 1.82 -6.25	35.86 1.68 -4.73	31.09 1.58 -0.31	27.39 1.38 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34
DANSKAMMER___3 23590	26.51 1.07 -5.60	22.72 0.96 -3.02	21.15 0.84 -3.76	20.68 0.86 -2.56	20.99 0.89 -1.92	22.62 0.86 -2.66	26.13 1.11 -0.27	29.07 1.21 -3.06	27.89 1.18 -3.03	26.97 1.08 -4.34	25.87 1.01 -4.63	25.55 0.84 -7.64	25.35 0.78 -9.20	25.93 0.98 -6.47	26.05 1.03 -5.51	26.40 1.22 -4.47	33.56 1.28 -10.94	35.72 1.32 -12.76	37.88 1.82 -6.25	35.86 1.68 -4.73	31.09 1.58 -0.31	27.39 1.38 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34
DANSKAMMER___4 23591	26.51 1.07 -5.60	22.72 0.96 -3.02	21.15 0.84 -3.76	20.68 0.86 -2.56	20.99 0.89 -1.92	22.62 0.86 -2.66	26.13 1.11 -0.27	29.07 1.21 -3.06	27.89 1.18 -3.03	26.97 1.08 -4.34	25.87 1.01 -4.63	25.55 0.84 -7.64	25.35 0.78 -9.20	25.93 0.98 -6.47	26.05 1.03 -5.51	26.40 1.22 -4.47	33.56 1.28 -10.94	35.72 1.32 -12.76	37.88 1.82 -6.25	35.86 1.68 -4.73	31.09 1.58 -0.31	27.39 1.38 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34
DANSKAMMER___DIESEL 23592	26.51 1.07 -5.60	22.72 0.96 -3.02	21.10 0.79 -3.76	20.68 0.86 -2.56	20.97 0.87 -1.92	22.60 0.84 -2.66	26.10 1.09 -0.27	29.02 1.17 -3.06	27.86 1.16 -3.03	26.97 1.08 -4.34	25.87 1.01 -4.63	25.55 0.84 -7.64	25.35 0.78 -9.20	25.88 0.92 -6.47	26.05 1.03 -5.51	26.36 1.18 -4.47	33.50 1.22 -10.94	35.63 1.23 -12.76	37.76 1.70 -6.25	35.80 1.62 -4.73	31.09 1.58 -0.31	27.35 1.33 -0.87	25.56 1.14 -2.42	23.12 1.17 -0.34

DARBY___SOLAR 323810	28.28 1.17 -7.26	23.73 1.07 -3.92	22.35 0.93 -4.89	21.53 0.95 -3.32	21.69 1.02 -2.50	23.68 1.13 -3.45	26.75 1.66 -0.35	30.33 1.56 -3.97	29.05 1.44 -3.93	28.43 1.25 -5.63	27.39 1.15 -6.00	27.94 0.96 -9.91	28.11 0.80 -11.94	27.82 0.94 -8.39	27.66 0.99 -7.16	27.54 1.03 -5.80	35.45 1.09 -13.02	39.11 1.21 -16.26	39.62 1.70 -8.11	37.36 1.77 -6.14	31.42 1.81 -0.40	27.86 1.58 -1.14	26.46 1.32 -3.14	23.31 1.25 -0.44
DASHVILLE___HYD 23610	26.30 0.67 -5.78	22.46 0.60 -3.12	20.91 0.48 -3.89	20.43 0.53 -2.64	20.69 0.53 -1.99	22.30 0.46 -2.75	25.86 0.84 -0.28	28.57 0.62 -3.16	27.49 0.69 -3.13	26.70 0.67 -4.48	25.61 0.61 -4.78	25.47 0.51 -7.88	25.36 0.49 -9.50	25.73 0.57 -6.68	25.86 0.66 -5.69	26.13 0.81 -4.62	33.61 1.20 -11.08	35.56 0.80 -13.12	37.37 1.10 -6.46	35.34 1.00 -4.88	30.75 1.23 -0.32	26.82 0.78 -0.90	25.20 0.70 -2.50	23.01 1.04 -0.35
DEERFIELD_69_KV_DEERFIELD LD 355887	29.79 2.66 -7.29	24.50 2.34 -3.41	22.24 1.94 -3.76	21.80 1.98 -2.56	22.12 2.02 -1.92	23.94 2.18 -2.66	27.59 2.57 -0.27	31.10 3.25 -3.06	29.97 3.22 -3.08	28.87 2.95 -4.36	29.19 2.49 -6.47	29.89 2.10 -10.72	31.89 1.86 -14.67	33.33 2.26 -12.59	35.26 2.67 -13.08	41.14 2.98 -17.45	49.21 3.05 -24.82	47.12 3.07 -22.41	51.25 4.11 -17.33	47.04 3.98 -13.61	40.26 3.97 -7.08	34.86 3.32 -6.40	29.31 3.04 -4.28	26.25 2.83 -1.80
DELAWARE___LFGE 323621	21.61 0.42 -1.35	19.89 0.41 -0.73	17.80 0.35 -0.91	18.24 0.36 -0.62	19.04 0.40 -0.46	20.18 0.44 -0.64	25.60 0.79 -0.07	26.33 0.79 -0.74	25.18 0.78 -0.73	23.22 0.62 -1.05	21.89 0.55 -1.12	19.37 0.46 -1.84	17.97 0.38 -2.22	20.53 0.48 -1.56	21.34 0.51 -1.33	22.37 0.58 -1.08	24.60 0.60 -2.66	25.41 0.69 -3.08	32.24 0.92 -1.51	31.48 0.88 -1.14	30.18 0.91 -0.07	26.08 0.73 -0.21	23.22 0.64 -0.58	22.30 0.61 -0.08
DERFIELD_115KV_TB7 355931	19.90 0.06 0.00	18.82 0.07 0.00	16.59 0.05 0.00	17.31 0.05 0.00	18.23 0.05 0.00	19.18 0.08 0.00	24.89 0.15 0.00	24.92 0.12 0.00	23.79 0.12 0.00	21.64 0.09 0.00	20.31 0.08 0.00	17.12 0.05 0.00	15.42 0.05 0.00	18.54 0.06 0.00	19.56 0.06 0.00	20.77 0.06 0.00	21.40 0.06 0.00	21.73 0.09 0.00	29.96 0.15 0.00	29.57 0.12 0.00	29.32 0.12 0.00	25.26 0.13 0.00	22.10 0.11 0.00	21.73 0.11 0.00
DOGLEVILLE___HYD 23807	20.12 0.28 0.00	19.06 0.32 0.00	16.84 0.30 0.00	17.53 0.28 0.00	18.47 0.29 0.00	19.42 0.32 0.00	25.24 0.49 0.00	25.12 0.32 0.00	23.98 0.31 0.00	21.79 0.24 0.00	20.39 0.16 0.00	17.19 0.12 0.00	15.43 0.06 0.00	18.49 0.00 0.00	19.49 -0.02 0.00	20.71 0.00 0.00	21.36 0.02 0.00	21.75 0.11 0.00	30.05 0.24 0.00	29.72 0.26 0.00	29.55 0.35 0.00	25.46 0.33 0.00	22.30 0.31 0.00	22.01 0.39 0.00
DUNKIRK___115KV_TB_200 55889	20.65 0.30 -0.50	19.17 0.15 -0.27	17.20 0.31 -0.34	17.68 0.19 -0.23	18.46 0.11 -0.17	19.38 0.04 -0.24	25.71 0.94 -0.02	25.69 0.62 -0.28	24.51 0.57 -0.27	22.46 0.52 -0.39	21.07 0.42 -0.42	18.26 0.50 -0.69	16.66 0.46 -0.83	19.62 0.55 -0.58	20.47 0.47 -0.50	21.50 0.39 -0.40	22.64 0.34 -0.95	23.32 0.54 -1.14	30.61 0.24 -0.56	30.20 0.32 -0.43	29.73 0.50 -0.03	25.72 0.50 -0.08	22.81 0.59 -0.22	22.45 0.80 -0.03
DUNKIRK___1 23563	20.65 0.30 -0.50	19.17 0.15 -0.27	17.20 0.31 -0.34	17.68 0.19 -0.23	18.46 0.11 -0.17	19.38 0.04 -0.24	25.71 0.94 -0.02	25.69 0.62 -0.28	24.51 0.57 -0.27	22.46 0.52 -0.39	21.07 0.42 -0.42	18.26 0.50 -0.69	16.66 0.46 -0.83	19.62 0.55 -0.58	20.47 0.47 -0.50	21.50 0.39 -0.40	22.64 0.34 -0.95	23.32 0.54 -1.14	30.61 0.24 -0.56	30.20 0.32 -0.43	29.73 0.50 -0.03	25.72 0.50 -0.08	22.81 0.59 -0.22	22.45 0.80 -0.03
DUNKIRK___2 23564	20.65 0.30 -0.50	19.17 0.15 -0.27	17.20 0.31 -0.34	17.68 0.19 -0.23	18.46 0.11 -0.17	19.38 0.04 -0.24	25.71 0.94 -0.02	25.69 0.62 -0.28	24.51 0.57 -0.27	22.46 0.52 -0.39	21.07 0.42 -0.42	18.26 0.50 -0.69	16.66 0.46 -0.83	19.62 0.55 -0.58	20.47 0.47 -0.50	21.50 0.39 -0.40	22.64 0.34 -0.95	23.32 0.54 -1.14	30.61 0.24 -0.56	30.20 0.32 -0.43	29.73 0.50 -0.03	25.72 0.50 -0.08	22.81 0.59 -0.22	22.45 0.80 -0.03
DUNKIRK___3 23565	20.51 0.16 -0.50	19.04 0.02 -0.27	17.06 0.18 -0.34	17.54 0.05 -0.23	18.33 -0.02 -0.17	19.24 -0.10 -0.24	25.53 0.77 -0.02	25.52 0.45 -0.28	24.32 0.38 -0.27	22.29 0.34 -0.39	20.91 0.26 -0.42	18.12 0.36 -0.69	16.54 0.34 -0.83	19.48 0.41 -0.58	20.32 0.31 -0.50	21.36 0.25 -0.40	22.49 0.19 -0.95	23.17 0.39 -1.14	30.41 0.03 -0.56	30.00 0.12 -0.43	29.52 0.29 -0.03	25.54 0.33 -0.08	22.63 0.42 -0.22	22.30 0.65 -0.03
DUNKIRK___4 23566	20.54 0.20 -0.50	19.09 0.07 -0.27	17.11 0.23 -0.33	17.59 0.10 -0.23	18.38 0.04 -0.17	19.30 -0.04 -0.24	25.58 0.82 -0.02	25.56 0.50 -0.27	24.37 0.43 -0.27	22.35 0.41 -0.38	20.96 0.32 -0.41	18.16 0.41 -0.68	16.55 0.37 -0.82	19.50 0.44 -0.57	20.35 0.35 -0.49	21.39 0.29 -0.40	22.49 0.21 -0.94	23.19 0.43 -1.12	30.45 0.09 -0.55	30.05 0.18 -0.42	29.58 0.35 -0.03	25.59 0.38 -0.08	22.69 0.48 -0.21	22.34 0.69 -0.03
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	26.53 1.09 -5.60	22.72 0.96 -3.02	21.10 0.79 -3.76	20.70 0.88 -2.56	20.99 0.89 -1.92	22.64 0.88 -2.66	26.15 1.14 -0.27	29.12 1.26 -3.05	28.05 1.35 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.73 1.02 -7.63	25.50 0.94 -9.20	26.06 1.11 -6.46	26.25 1.23 -5.51	26.56 1.39 -4.47	33.82 1.41 -11.07	35.81 1.38 -12.78	37.85 1.79 -6.25	35.86 1.68 -4.73	31.15 1.64 -0.31	27.42 1.41 -0.87	25.69 1.28 -2.42	23.19 1.23 -0.34
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	26.07 0.91 -5.32	22.40 0.79 -2.87	20.78 0.66 -3.58	20.41 0.72 -2.43	20.73 0.73 -1.83	22.33 0.71 -2.53	25.94 0.94 -0.26	28.69 0.99 -2.90	27.57 1.02 -2.88	26.62 0.95 -4.12	25.51 0.89 -4.39	25.06 0.73 -7.25	24.80 0.69 -8.74	25.44 0.81 -6.14	25.66 0.92 -5.24	26.01 1.06 -4.25	32.84 1.09 -10.42	34.84 1.08 -12.12	37.21 1.46 -5.94	35.30 1.35 -4.49	30.84 1.34 -0.29	27.10 1.13 -0.83	25.31 1.01 -2.30	22.96 1.02 -0.32
E179THST_138_KV_TB4_REV_LBMP_J 345001	26.49 1.05 -5.60	22.64 0.88 -3.02	21.00 0.69 -3.76	20.68 0.86 -2.56	20.93 0.84 -1.92	22.43 0.67 -2.66	25.86 0.84 -0.27	28.92 1.07 -3.05	27.89 1.18 -3.03	27.03 1.14 -4.34	25.95 1.09 -4.62	25.68 0.97 -7.63	25.46 0.89 -9.20	25.96 1.02 -6.46	26.15 1.13 -5.51	26.48 1.30 -4.47	33.78 1.37 -11.07	35.72 1.30 -12.78	37.67 1.61 -6.25	35.68 1.50 -4.73	30.91 1.40 -0.31	27.19 1.18 -0.87	25.56 1.14 -2.42	23.04 1.08 -0.34
E179THST_13_KV_LOAD 356214	26.59 1.15 -5.60	22.72 0.96 -3.02	21.07 0.76 -3.76	20.75 0.93 -2.56	21.01 0.91 -1.92	22.50 0.74 -2.66	25.95 0.94 -0.27	29.02 1.17 -3.05	28.00 1.30 -3.03	27.16 1.27 -4.34	26.07 1.21 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.06 1.11 -6.46	26.25 1.23 -5.51	26.58 1.41 -4.47	33.88 1.47 -11.07	35.85 1.43 -12.78	37.82 1.76 -6.25	35.83 1.65 -4.73	31.06 1.55 -0.31	27.32 1.31 -0.87	25.65 1.23 -2.42	23.15 1.19 -0.34

EAST HAMPTON___GT 23717	30.03 2.90 -7.29	24.74 2.59 -3.41	22.60 2.30 -3.76	22.01 2.19 -2.56	22.41 2.31 -1.92	24.21 2.45 -2.66	28.31 3.29 -0.27	31.45 3.59 -3.06	30.28 3.53 -3.08	29.15 3.23 -4.36	29.25 2.55 -6.47	29.96 2.17 -10.72	31.94 1.91 -14.67	33.50 2.42 -12.59	35.55 2.96 -13.08	41.51 3.35 -17.45	49.64 3.48 -24.82	47.57 3.53 -22.41	51.82 4.68 -17.32	47.59 4.53 -13.61	40.72 4.44 -7.08	35.26 3.72 -6.40	29.64 3.37 -4.28	26.53 3.11 -1.80
EAST RIVER___6 23660	26.55 1.11 -5.60	22.68 0.92 -3.02	21.21 0.91 -3.76	20.75 0.93 -2.56	21.06 0.96 -1.92	22.62 0.86 -2.66	26.05 1.04 -0.27	29.14 1.29 -3.05	28.05 1.35 -3.03	27.16 1.27 -4.34	26.07 1.21 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.29 1.27 -5.51	26.65 1.47 -4.47	33.99 1.58 -11.07	35.94 1.51 -12.78	38.03 1.97 -6.25	36.04 1.86 -4.73	31.21 1.69 -0.31	27.52 1.51 -0.87	25.84 1.43 -2.42	23.19 1.23 -0.34
EAST RIVER___7 23524	26.55 1.11 -5.60	22.68 0.92 -3.02	21.21 0.91 -3.76	20.75 0.93 -2.56	21.06 0.96 -1.92	22.62 0.86 -2.66	26.05 1.04 -0.27	29.14 1.29 -3.05	28.05 1.35 -3.03	27.16 1.27 -4.34	26.07 1.21 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.29 1.27 -5.51	26.65 1.47 -4.47	33.99 1.58 -11.07	35.94 1.51 -12.78	38.03 1.97 -6.25	36.04 1.86 -4.73	31.21 1.69 -0.31	27.52 1.51 -0.87	25.84 1.43 -2.42	23.19 1.23 -0.34
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	26.47 1.05 -5.57	22.67 0.92 -3.01	21.07 0.78 -3.75	20.67 0.86 -2.55	20.96 0.87 -1.92	22.59 0.84 -2.65	26.10 1.09 -0.27	29.06 1.22 -3.04	27.97 1.28 -3.02	27.08 1.21 -4.32	25.97 1.13 -4.61	25.65 0.97 -7.60	25.44 0.91 -9.16	25.98 1.05 -6.44	26.17 1.17 -5.49	26.49 1.33 -4.45	33.71 1.34 -11.03	35.70 1.32 -12.74	37.77 1.73 -6.23	35.78 1.62 -4.71	31.09 1.58 -0.31	27.37 1.36 -0.87	25.64 1.23 -2.41	23.14 1.19 -0.34
EAST_HAMPTON___DIESEL 23722	30.03 2.90 -7.29	24.74 2.59 -3.41	22.60 2.30 -3.76	22.01 2.19 -2.56	22.43 2.33 -1.92	24.22 2.46 -2.66	28.31 3.29 -0.27	31.45 3.59 -3.06	30.28 3.53 -3.08	29.15 3.23 -4.36	29.27 2.57 -6.47	29.98 2.19 -10.72	31.96 1.92 -14.67	33.52 2.44 -12.59	35.55 2.96 -13.08	41.51 3.35 -17.45	49.66 3.50 -24.82	47.57 3.53 -22.41	51.82 4.68 -17.32	47.63 4.56 -13.61	40.72 4.44 -7.08	35.26 3.72 -6.40	29.64 3.37 -4.28	26.53 3.11 -1.80
EAST_PULASKI___ESR 323781	20.22 0.12 -0.26	19.00 0.11 -0.14	16.82 0.10 -0.18	17.46 0.09 -0.12	18.39 0.13 -0.09	19.41 0.19 -0.12	25.27 0.52 -0.01	25.44 0.50 -0.14	24.26 0.45 -0.14	22.03 0.28 -0.20	20.63 0.18 -0.22	17.58 0.15 -0.36	15.94 0.14 -0.43	18.92 0.13 -0.30	19.88 0.12 -0.26	21.00 0.08 -0.21	21.94 0.11 -0.50	22.49 0.26 -0.59	30.52 0.42 -0.29	30.11 0.44 -0.22	29.68 0.47 -0.01	25.56 0.38 -0.04	22.46 0.35 -0.11	21.94 0.30 -0.02
EAST_RIVER___1 323558	26.55 1.11 -5.60	22.70 0.94 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.06 0.96 -1.92	22.66 0.90 -2.66	26.15 1.14 -0.27	29.17 1.31 -3.05	28.07 1.37 -3.03	27.18 1.29 -4.34	26.07 1.21 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.19 1.24 -6.46	26.29 1.27 -5.51	26.65 1.47 -4.47	33.97 1.56 -11.07	35.91 1.49 -12.78	37.97 1.91 -6.25	35.98 1.80 -4.73	31.18 1.66 -0.31	27.50 1.48 -0.87	25.80 1.39 -2.42	23.21 1.25 -0.34
EAST_RIVER___2 323559	26.55 1.11 -5.60	22.68 0.92 -3.02	21.21 0.91 -3.76	20.75 0.93 -2.56	21.06 0.96 -1.92	22.62 0.86 -2.66	26.05 1.04 -0.27	29.14 1.29 -3.05	28.05 1.35 -3.03	27.16 1.27 -4.34	26.07 1.21 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.29 1.27 -5.51	26.65 1.47 -4.47	33.99 1.58 -11.07	35.94 1.51 -12.78	38.03 1.97 -6.25	36.04 1.86 -4.73	31.21 1.69 -0.31	27.52 1.51 -0.87	25.84 1.43 -2.42	23.19 1.23 -0.34
EAST___DELAWARE_HYD 23607	25.15 0.69 -4.62	21.80 0.56 -2.49	20.18 0.53 -3.10	19.87 0.50 -2.11	20.27 0.51 -1.59	21.75 0.46 -2.19	25.59 0.62 -0.22	28.11 0.79 -2.52	26.93 0.76 -2.50	25.80 0.67 -3.58	24.65 0.61 -3.81	23.87 0.50 -6.30	23.42 0.46 -7.59	24.43 0.61 -5.33	24.70 0.64 -4.55	25.22 0.83 -3.69	31.18 0.88 -8.96	33.05 0.91 -10.50	36.22 1.25 -5.16	34.50 1.15 -3.90	30.48 1.02 -0.26	26.76 0.90 -0.72	24.78 0.79 -2.00	22.61 0.71 -0.28
EIGHT_POINT___WT_PWR 323820	20.84 0.40 -0.60	19.44 0.37 -0.32	17.23 0.28 -0.40	17.89 0.36 -0.27	18.73 0.34 -0.21	19.71 0.32 -0.29	26.01 1.24 -0.03	25.92 0.79 -0.33	24.73 0.73 -0.32	22.57 0.56 -0.46	21.17 0.44 -0.49	18.31 0.43 -0.81	16.72 0.37 -0.98	19.54 0.37 -0.69	20.49 0.39 -0.59	21.48 0.29 -0.48	22.80 0.32 -1.13	23.62 0.63 -1.36	30.90 0.42 -0.67	30.49 0.53 -0.51	30.26 1.02 -0.03	26.09 0.86 -0.09	22.91 0.66 -0.26	22.58 0.93 -0.04
ELBRIDGE_115KV_TB2 80188	20.15 -0.04 -0.35	18.88 -0.06 -0.19	16.74 -0.03 -0.24	17.35 -0.07 -0.16	18.24 -0.05 -0.12	19.21 -0.06 -0.17	24.88 0.12 -0.02	25.11 0.12 -0.19	23.96 0.09 -0.19	21.85 0.02 -0.27	20.52 0.00 -0.29	17.55 0.00 -0.48	15.96 0.02 -0.58	18.91 0.02 -0.41	19.87 0.02 -0.35	20.97 -0.02 -0.28	22.00 0.00 -0.66	22.50 0.06 -0.79	30.26 0.06 -0.39	29.84 0.09 -0.30	29.37 0.15 -0.02	25.32 0.13 -0.05	22.26 0.11 -0.15	21.70 0.06 -0.02
ELEC_TRO_TEK 24086	28.58 1.45 -7.29	23.41 1.26 -3.41	21.33 1.03 -3.76	20.89 1.07 -2.56	21.19 1.09 -1.92	22.91 1.15 -2.66	26.35 1.34 -0.27	29.54 1.69 -3.06	28.50 1.75 -3.08	27.57 1.66 -4.36	28.22 1.52 -6.47	29.09 1.30 -10.72	31.20 1.17 -14.67	32.43 1.35 -12.59	34.09 1.50 -13.08	39.83 1.68 -17.45	47.87 1.71 -24.82	45.73 1.69 -22.41	49.34 2.21 -17.33	45.18 2.12 -13.61	38.36 2.07 -7.08	33.30 1.76 -6.40	27.92 1.65 -4.28	25.00 1.58 -1.80
ELLENBURG_WT_PWR 323604	19.76 -0.08 0.00	18.71 -0.04 0.00	16.58 0.03 0.00	17.31 0.05 0.00	18.25 0.07 0.00	19.19 0.10 0.00	24.22 -0.52 0.00	24.43 -0.37 0.00	23.25 -0.43 0.00	21.08 -0.47 0.00	19.71 -0.53 0.00	16.54 -0.53 0.00	14.82 -0.55 0.00	17.84 -0.65 0.00	18.80 -0.70 0.00	20.05 -0.66 0.00	20.64 -0.70 0.00	20.95 -0.69 0.00	29.69 -0.12 0.00	29.36 -0.09 0.00	29.00 -0.20 0.00	24.89 -0.25 0.00	21.77 -0.22 0.00	21.36 -0.26 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.30 -0.02 -0.48	18.87 -0.13 -0.26	16.93 0.07 -0.32	17.41 -0.07 -0.22	18.18 -0.16 -0.16	19.06 -0.27 -0.23	25.26 0.49 -0.02	25.21 0.15 -0.26	24.00 0.07 -0.26	22.01 0.09 -0.37	20.65 0.02 -0.40	17.88 0.15 -0.65	16.30 0.14 -0.79	19.22 0.18 -0.55	20.06 0.08 -0.47	21.07 -0.02 -0.38	22.16 -0.09 -0.91	22.83 0.11 -1.08	29.99 -0.36 -0.53	29.59 -0.27 -0.40	29.11 -0.12 -0.03	25.21 0.00 -0.07	22.38 0.18 -0.21	22.08 0.43 -0.03
EMPIRE_CC_1 323656	27.40 0.62 -6.94	23.09 0.60 -3.75	21.74 0.53 -4.67	20.98 0.55 -3.18	21.14 0.58 -2.39	23.03 0.63 -3.30	25.90 0.82 -0.34	29.36 0.77 -3.79	28.14 0.71 -3.76	27.58 0.65 -5.38	26.58 0.61 -5.74	27.06 0.51 -9.47	27.24 0.46 -11.41	26.95 0.44 -8.02	26.83 0.49 -6.84	26.79 0.54 -5.54	33.93 0.51 -12.08	37.63 0.54 -15.45	38.28 0.71 -7.76	36.08 0.76 -5.87	30.29 0.70 -0.38	26.95 0.73 -1.09	25.66 0.66 -3.00	22.75 0.71 -0.42

EMPIRE_CC_2 323658	27.40 0.62 -6.94	23.09 0.60 -3.75	21.74 0.53 -4.67	20.98 0.55 -3.18	21.14 0.58 -2.39	23.03 0.63 -3.30	25.90 0.82 -0.34	29.36 0.77 -3.79	28.14 0.71 -3.76	27.58 0.65 -5.38	26.58 0.61 -5.74	27.06 0.51 -9.47	27.24 0.46 -11.41	26.95 0.44 -8.02	26.83 0.49 -6.84	26.79 0.54 -5.54	33.93 0.51 -12.08	37.63 0.54 -15.45	38.28 0.71 -7.76	36.08 0.76 -5.87	30.29 0.70 -0.38	26.95 0.73 -1.09	25.66 0.66 -3.00	22.75 0.71 -0.42
ENORWICH_115KV_TB1 80156	21.72 0.95 -0.92	20.31 1.07 -0.50	18.05 0.89 -0.62	18.57 0.90 -0.42	19.55 1.05 -0.32	20.82 1.28 -0.44	27.06 2.28 -0.04	27.98 2.68 -0.50	26.54 2.37 -0.50	23.97 1.70 -0.71	22.41 1.42 -0.76	19.49 1.16 -1.26	17.77 0.89 -1.51	20.68 1.13 -1.06	21.25 0.84 -0.91	22.46 1.01 -0.74	24.26 1.17 -1.74	25.24 1.51 -2.08	33.14 2.30 -1.03	32.56 2.33 -0.78	31.68 2.42 -0.05	27.19 1.91 -0.14	23.93 1.54 -0.40	23.12 1.45 -0.06
ERIE_ST__34_KV_TB1-2 80199	20.16 -0.18 -0.49	18.73 -0.28 -0.27	16.79 -0.08 -0.33	17.26 -0.22 -0.22	18.03 -0.31 -0.17	18.93 -0.40 -0.23	25.31 0.54 -0.02	25.09 0.02 -0.27	23.94 0.00 -0.27	21.95 0.02 -0.38	20.60 -0.04 -0.41	17.85 0.10 -0.67	16.29 0.11 -0.81	19.18 0.13 -0.57	20.01 0.02 -0.48	21.04 -0.06 -0.39	22.12 -0.15 -0.93	22.79 0.04 -1.11	29.91 -0.45 -0.55	29.54 -0.32 -0.42	29.26 0.03 -0.03	25.14 -0.08 -0.08	22.27 0.07 -0.21	22.10 0.45 -0.03
ERIE_WT_PWR 323693	20.29 -0.04 -0.49	18.93 -0.07 -0.26	16.79 -0.08 -0.33	17.44 -0.03 -0.22	18.20 -0.15 -0.17	19.08 -0.25 -0.23	25.51 0.74 -0.02	25.19 0.12 -0.26	24.10 0.17 -0.26	22.10 0.17 -0.38	20.73 0.10 -0.40	17.96 0.22 -0.66	16.38 0.22 -0.80	19.19 0.15 -0.56	20.14 0.16 -0.48	21.04 -0.06 -0.39	22.13 -0.13 -0.92	22.87 0.13 -1.10	29.76 -0.60 -0.54	29.42 -0.44 -0.41	29.32 0.09 -0.03	25.32 0.10 -0.08	22.29 0.09 -0.21	22.19 0.54 -0.03
ESPRGFLD_115KV_TB1 80157	21.76 0.56 -1.37	20.08 0.60 -0.74	17.94 0.48 -0.92	18.38 0.50 -0.62	19.21 0.56 -0.47	20.42 0.67 -0.65	25.97 1.16 -0.07	26.71 1.17 -0.75	25.52 1.11 -0.74	23.49 0.88 -1.06	22.13 0.77 -1.13	19.58 0.65 -1.86	18.15 0.54 -2.24	20.73 0.67 -1.58	21.53 0.68 -1.35	22.61 0.81 -1.09	24.88 0.85 -2.69	25.75 1.00 -3.12	32.74 1.40 -1.53	31.93 1.33 -1.15	30.62 1.34 -0.08	26.43 1.08 -0.21	23.47 0.88 -0.59	22.52 0.82 -0.08
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.85 0.36 -0.65	19.44 0.34 -0.35	17.30 0.31 -0.44	17.85 0.29 -0.30	18.74 0.35 -0.22	19.79 0.38 -0.31	25.54 0.77 -0.03	25.92 0.77 -0.36	24.71 0.69 -0.35	22.55 0.50 -0.51	21.16 0.38 -0.54	18.29 0.32 -0.89	16.75 0.31 -1.07	19.61 0.37 -0.75	20.50 0.35 -0.64	21.60 0.37 -0.52	23.00 0.43 -1.24	23.68 0.56 -1.48	31.32 0.78 -0.73	30.80 0.80 -0.55	30.11 0.88 -0.04	25.97 0.73 -0.10	22.89 0.62 -0.28	22.22 0.56 -0.04
ETNA_____115KV_TB2 80207	20.85 0.36 -0.65	19.44 0.34 -0.35	17.30 0.31 -0.44	17.85 0.29 -0.30	18.74 0.35 -0.22	19.79 0.38 -0.31	25.54 0.77 -0.03	25.92 0.77 -0.36	24.71 0.69 -0.35	22.55 0.50 -0.51	21.16 0.38 -0.54	18.29 0.32 -0.89	16.75 0.31 -1.07	19.61 0.37 -0.75	20.50 0.35 -0.64	21.60 0.37 -0.52	23.00 0.43 -1.24	23.68 0.56 -1.48	31.32 0.78 -0.73	30.80 0.80 -0.55	30.11 0.88 -0.04	25.97 0.73 -0.10	22.89 0.62 -0.28	22.22 0.56 -0.04
EUCLID__115KV_TB2 356179	19.96 -0.18 -0.29	18.72 -0.19 -0.16	16.59 -0.15 -0.20	17.22 -0.17 -0.13	18.09 -0.18 -0.10	19.05 -0.19 -0.14	24.71 -0.05 -0.01	24.88 -0.07 -0.16	23.73 -0.09 -0.16	21.65 -0.13 -0.23	20.33 -0.14 -0.24	17.35 -0.12 -0.40	15.75 -0.09 -0.48	18.71 -0.11 -0.34	19.66 -0.14 -0.29	20.78 -0.17 -0.23	21.72 -0.17 -0.55	22.21 -0.09 -0.66	29.96 -0.18 -0.32	29.55 -0.15 -0.25	29.10 -0.12 -0.02	25.08 -0.10 -0.05	22.05 -0.07 -0.13	21.55 -0.09 -0.02
E_CANADA_CAP_HY 24051	28.31 1.13 -7.34	23.77 1.07 -3.96	22.32 0.84 -4.94	21.54 0.93 -3.36	21.71 1.02 -2.52	23.75 1.17 -3.49	27.00 1.91 -0.36	30.69 1.88 -4.01	29.37 1.73 -3.97	28.64 1.40 -5.69	27.53 1.23 -6.06	28.07 0.99 -10.01	28.31 0.88 -12.06	27.90 0.94 -8.48	27.75 1.01 -7.23	27.69 1.12 -5.86	35.94 1.26 -13.34	39.56 1.45 -16.47	40.06 2.06 -8.20	37.71 2.06 -6.20	32.06 2.45 -0.41	28.22 1.94 -1.15	26.64 1.47 -3.18	23.27 1.21 -0.44
E_CANADA_MHWK_HY 24050	20.12 0.28 0.00	19.06 0.32 0.00	16.84 0.30 0.00	17.53 0.28 0.00	18.47 0.29 0.00	19.42 0.32 0.00	25.24 0.49 0.00	25.12 0.32 0.00	23.98 0.31 0.00	21.79 0.24 0.00	20.39 0.16 0.00	17.19 0.12 0.00	15.43 0.06 0.00	18.49 0.00 0.00	19.49 -0.02 0.00	20.71 0.00 0.00	21.36 0.02 0.00	21.75 0.11 0.00	30.05 0.24 0.00	29.72 0.26 0.00	29.55 0.35 0.00	25.46 0.33 0.00	22.30 0.31 0.00	22.01 0.39 0.00
E_FISHKILL__LBMP 23776	26.55 0.91 -5.79	22.70 0.82 -3.13	21.12 0.68 -3.90	20.67 0.76 -2.65	20.93 0.76 -1.99	22.60 0.74 -2.75	25.99 0.96 -0.28	29.00 1.04 -3.16	27.90 1.09 -3.14	27.08 1.03 -4.49	25.99 0.97 -4.79	25.81 0.84 -7.90	25.66 0.77 -9.52	26.06 0.89 -6.69	26.21 0.99 -5.71	26.43 1.10 -4.63	33.93 1.13 -11.46	36.00 1.13 -13.24	37.74 1.46 -6.47	35.73 1.38 -4.90	30.87 1.34 -0.32	27.23 1.18 -0.91	25.56 1.06 -2.51	23.01 1.04 -0.35
FALCON__SEABRD_CC1 323796	20.00 0.16 0.00	18.91 0.17 0.00	16.77 0.23 0.00	17.51 0.26 0.00	18.47 0.29 0.00	19.42 0.32 0.00	24.35 -0.40 0.00	24.60 -0.20 0.00	23.39 -0.28 0.00	21.23 -0.32 0.00	19.85 -0.39 0.00	16.63 -0.44 0.00	14.89 -0.48 0.00	17.97 -0.52 0.00	18.90 -0.60 0.00	20.15 -0.56 0.00	20.74 -0.60 0.00	21.03 -0.61 0.00	30.05 0.24 0.00	29.72 0.26 0.00	29.32 0.12 0.00	25.16 0.03 0.00	21.99 0.00 0.00	21.55 -0.06 0.00
FALCON__SEABRD_CC2 323797	20.00 0.16 0.00	18.91 0.17 0.00	16.77 0.23 0.00	17.51 0.26 0.00	18.47 0.29 0.00	19.42 0.32 0.00	24.35 -0.40 0.00	24.60 -0.20 0.00	23.39 -0.28 0.00	21.23 -0.32 0.00	19.85 -0.39 0.00	16.63 -0.44 0.00	14.89 -0.48 0.00	17.97 -0.52 0.00	18.90 -0.60 0.00	20.15 -0.56 0.00	20.74 -0.60 0.00	21.03 -0.61 0.00	30.05 0.24 0.00	29.72 0.26 0.00	29.32 0.12 0.00	25.16 0.03 0.00	21.99 0.00 0.00	21.55 -0.06 0.00
FAR ROCKAWAY__4 23548	28.86 1.73 -7.29	23.71 1.56 -3.41	21.56 1.26 -3.76	21.13 1.31 -2.56	21.44 1.34 -1.92	23.19 1.43 -2.66	26.72 1.71 -0.27	29.94 2.08 -3.06	28.88 2.13 -3.08	27.94 2.03 -4.36	28.56 1.86 -6.47	29.38 1.59 -10.72	31.45 1.41 -14.67	32.74 1.66 -12.59	34.42 1.83 -13.08	40.12 1.97 -17.45	48.19 2.03 -24.82	46.06 2.01 -22.41	49.82 2.68 -17.33	45.62 2.56 -13.61	38.80 2.51 -7.08	33.73 2.19 -6.40	28.27 2.00 -4.28	25.36 1.95 -1.80
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	26.55 1.11 -5.60	22.70 0.94 -3.02	21.12 0.81 -3.76	20.73 0.91 -2.56	21.02 0.93 -1.92	22.62 0.86 -2.66	26.13 1.11 -0.27	29.14 1.29 -3.05	28.08 1.37 -3.03	27.20 1.31 -4.34	26.09 1.23 -4.62	25.78 1.08 -7.63	25.55 0.98 -9.20	26.09 1.15 -6.46	26.29 1.27 -5.51	26.63 1.45 -4.47	33.90 1.49 -11.07	35.83 1.41 -12.78	37.88 1.82 -6.25	35.86 1.68 -4.73	31.18 1.66 -0.31	27.45 1.43 -0.87	25.74 1.32 -2.42	23.21 1.25 -0.34

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	26.55 1.11 -5.60	22.72 0.96 -3.02	21.12 0.81 -3.76	20.75 0.93 -2.56	21.02 0.93 -1.92	22.62 0.86 -2.66	26.13 1.11 -0.27	29.14 1.29 -3.05	28.08 1.37 -3.03	27.20 1.31 -4.34	26.09 1.23 -4.62	25.78 1.08 -7.63	25.55 0.98 -9.20	26.09 1.15 -6.46	26.29 1.27 -5.51	26.63 1.45 -4.47	33.90 1.49 -11.07	35.85 1.43 -12.78	37.88 1.82 -6.25	35.89 1.71 -4.73	31.18 1.66 -0.31	27.45 1.43 -0.87	25.74 1.32 -2.42	23.21 1.25 -0.34
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	26.53 1.09 -5.60	22.70 0.94 -3.02	21.10 0.79 -3.76	20.73 0.91 -2.56	21.01 0.91 -1.92	22.60 0.84 -2.66	26.10 1.09 -0.27	29.12 1.26 -3.05	28.08 1.37 -3.03	27.18 1.29 -4.34	26.07 1.21 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.08 1.13 -6.46	26.29 1.27 -5.51	26.61 1.43 -4.47	33.88 1.47 -11.07	35.83 1.41 -12.78	37.85 1.79 -6.25	35.86 1.68 -4.73	31.15 1.64 -0.31	27.45 1.43 -0.87	25.71 1.30 -2.42	23.21 1.25 -0.34
FARRAGUT___LBMP 323566	26.53 1.09 -5.60	22.68 0.92 -3.02	21.10 0.79 -3.76	20.71 0.90 -2.56	21.01 0.91 -1.92	22.60 0.84 -2.66	26.08 1.06 -0.27	29.09 1.24 -3.05	28.05 1.35 -3.03	27.16 1.27 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.27 1.25 -5.51	26.58 1.41 -4.47	33.86 1.45 -11.07	35.81 1.38 -12.78	37.82 1.76 -6.25	35.83 1.65 -4.73	31.15 1.64 -0.31	27.42 1.41 -0.87	25.71 1.30 -2.42	23.19 1.23 -0.34
FENNER___WINDPWR 24204	20.45 0.24 -0.37	19.23 0.28 -0.20	16.99 0.20 -0.25	17.65 0.22 -0.17	18.57 0.27 -0.13	19.62 0.34 -0.17	25.45 0.69 -0.02	25.57 0.57 -0.20	24.42 0.54 -0.20	22.20 0.37 -0.28	20.84 0.30 -0.30	17.83 0.26 -0.50	16.17 0.20 -0.60	19.15 0.24 -0.42	20.12 0.25 -0.36	21.27 0.27 -0.29	22.36 0.32 -0.69	22.90 0.43 -0.83	30.79 0.57 -0.41	30.35 0.59 -0.31	29.86 0.64 -0.02	25.70 0.50 -0.06	22.53 0.37 -0.16	22.07 0.43 -0.02
FIBERTEK___ENERGY 23856	20.25 0.08 -0.33	19.00 0.07 -0.18	16.85 0.08 -0.22	17.46 0.05 -0.15	18.38 0.09 -0.11	19.35 0.10 -0.16	25.08 0.32 -0.02	25.25 0.27 -0.18	24.11 0.26 -0.18	21.96 0.15 -0.26	20.61 0.10 -0.27	17.63 0.10 -0.45	16.02 0.11 -0.54	19.00 0.13 -0.38	19.95 0.12 -0.33	21.08 0.10 -0.26	22.07 0.11 -0.63	22.58 0.19 -0.75	30.42 0.24 -0.37	30.00 0.27 -0.28	29.54 0.32 -0.02	25.47 0.28 -0.05	22.38 0.24 -0.14	21.85 0.22 -0.02
FITZPATRICK____ 23598	19.60 -0.46 -0.21	18.43 -0.43 -0.11	16.30 -0.38 -0.14	16.96 -0.40 -0.10	17.83 -0.42 -0.07	18.76 -0.44 -0.10	24.36 -0.40 -0.01	24.44 -0.47 -0.12	23.34 -0.45 -0.11	21.28 -0.43 -0.16	19.98 -0.43 -0.17	17.00 -0.36 -0.29	15.41 -0.31 -0.35	18.34 -0.39 -0.24	19.30 -0.41 -0.21	20.42 -0.46 -0.17	21.69 -0.43 -0.40	22.58 -0.43 -0.48	30.42 -0.66 -0.24	30.00 -0.62 -0.18	29.54 -0.56 -0.01	25.47 -0.50 -0.03	22.38 -0.44 -0.09	21.85 -0.39 -0.01
FLOWRFLD_69_KV_BK1 356044	29.24 2.10 -7.29	23.92 1.76 -3.41	21.75 1.44 -3.76	21.30 1.48 -2.56	21.61 1.51 -1.92	23.38 1.62 -2.66	26.89 1.88 -0.27	30.41 2.55 -3.06	29.33 2.58 -3.08	28.28 2.37 -4.36	28.84 2.14 -6.47	29.62 1.83 -10.72	31.66 1.63 -14.67	33.02 1.94 -12.59	34.71 2.13 -13.08	40.50 2.34 -17.45	48.46 2.30 -24.82	46.34 2.29 -22.41	50.12 2.98 -17.33	45.92 2.86 -13.61	39.32 3.04 -7.08	34.13 2.59 -6.40	28.69 2.42 -4.28	25.60 2.18 -1.80
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	26.58 1.11 -5.63	22.78 0.99 -3.04	21.14 0.81 -3.79	20.73 0.90 -2.58	21.00 0.89 -1.93	22.63 0.86 -2.68	26.15 1.14 -0.27	29.06 1.19 -3.07	27.93 1.21 -3.05	27.01 1.10 -4.36	25.93 1.05 -4.65	25.62 0.87 -7.68	25.42 0.80 -9.25	25.93 0.94 -6.50	26.12 1.07 -5.54	26.40 1.20 -4.49	33.61 1.26 -11.01	35.72 1.26 -12.83	37.86 1.76 -6.29	35.89 1.68 -4.76	31.15 1.64 -0.31	27.40 1.38 -0.88	25.62 1.19 -2.44	23.17 1.21 -0.34
FORT ORANGE____ 23900	27.48 0.52 -7.12	23.11 0.52 -3.84	21.79 0.46 -4.79	21.05 0.54 -3.26	21.17 0.54 -2.45	23.04 0.55 -3.38	25.88 0.79 -0.35	29.43 0.74 -3.89	28.19 0.66 -3.86	27.61 0.54 -5.52	26.62 0.51 -5.88	27.18 0.39 -9.71	27.44 0.37 -11.70	27.11 0.41 -8.22	26.97 0.45 -7.01	26.91 0.52 -5.68	34.81 0.58 -12.89	38.21 0.61 -15.96	38.60 0.83 -7.95	36.32 0.85 -6.01	30.47 0.88 -0.39	27.03 0.78 -1.11	25.73 0.66 -3.08	22.70 0.65 -0.43
FORT_DRUM_COGEN 23780	19.92 -0.10 -0.18	18.81 -0.04 -0.10	16.58 -0.08 -0.12	17.25 -0.09 -0.08	18.22 -0.02 -0.06	19.32 0.13 -0.09	25.22 0.47 -0.01	25.39 0.50 -0.10	24.15 0.38 -0.10	21.82 0.13 -0.14	20.32 -0.06 -0.15	17.25 -0.07 -0.25	15.53 -0.14 -0.30	18.53 -0.17 -0.21	19.49 -0.20 -0.18	20.69 -0.17 -0.14	21.60 -0.09 -0.34	22.26 0.22 -0.41	30.52 0.51 -0.20	30.13 0.53 -0.15	29.62 0.41 -0.01	25.39 0.23 -0.03	22.20 0.13 -0.08	21.74 0.11 -0.01
FPL FAR_ROCK_GT1 24212	28.89 1.75 -7.30	23.71 1.56 -3.41	21.64 1.32 -3.77	21.13 1.31 -2.57	21.50 1.40 -1.92	23.24 1.47 -2.67	26.97 1.95 -0.28	29.97 2.11 -3.06	28.91 2.15 -3.08	27.94 2.03 -4.37	28.56 1.86 -6.47	29.39 1.59 -10.73	31.47 1.43 -14.67	32.84 1.76 -12.59	34.42 1.83 -13.08	40.16 2.01 -17.45	48.27 2.11 -24.82	46.14 2.10 -22.41	49.91 2.77 -17.33	45.71 2.65 -13.61	38.80 2.51 -7.08	33.78 2.24 -6.40	28.34 2.07 -4.28	25.37 1.95 -1.81
FPL FAR_ROCK_GT2 23815	28.89 1.75 -7.30	23.71 1.56 -3.41	21.64 1.32 -3.77	21.13 1.31 -2.57	21.50 1.40 -1.92	23.24 1.47 -2.67	26.97 1.95 -0.28	29.97 2.11 -3.06	28.91 2.15 -3.08	27.94 2.03 -4.37	28.56 1.86 -6.47	29.39 1.59 -10.73	31.47 1.43 -14.67	32.84 1.76 -12.59	34.42 1.83 -13.08	40.16 2.01 -17.45	48.27 2.11 -24.82	46.14 2.10 -22.41	49.91 2.77 -17.33	45.71 2.65 -13.61	38.80 2.51 -7.08	33.78 2.24 -6.40	28.34 2.07 -4.28	25.37 1.95 -1.81
FRANKLIN_FALL_HYD 24054	19.74 -0.10 0.00	18.73 -0.02 0.00	16.54 0.00 0.00	17.32 0.07 0.00	18.27 0.09 0.00	19.21 0.11 0.00	24.35 -0.40 0.00	24.52 -0.27 0.00	23.34 -0.33 0.00	21.21 -0.34 0.00	19.83 -0.40 0.00	16.65 -0.43 0.00	14.91 -0.46 0.00	17.99 -0.50 0.00	18.94 -0.57 0.00	20.19 -0.52 0.00	20.79 -0.55 0.00	21.12 -0.52 0.00	29.69 -0.12 0.00	29.39 -0.06 0.00	29.00 -0.20 0.00	24.84 -0.30 0.00	21.66 -0.33 0.00	21.27 -0.35 0.00
FREEPORT_EQUS_GT1 23764	28.82 1.69 -7.29	23.62 1.46 -3.41	21.60 1.29 -3.77	21.04 1.23 -2.56	21.41 1.31 -1.92	23.14 1.38 -2.66	26.85 1.83 -0.27	29.79 1.94 -3.06	28.69 1.94 -3.08	27.77 1.85 -4.36	28.38 1.68 -6.47	29.21 1.42 -10.72	31.37 1.34 -14.67	32.72 1.64 -12.59	34.30 1.72 -13.08	40.14 1.99 -17.45	48.23 2.07 -24.82	46.10 2.06 -22.41	49.82 2.68 -17.33	45.65 2.59 -13.61	38.74 2.45 -7.08	33.65 2.11 -6.40	28.25 1.98 -4.28	25.26 1.84 -1.80
FREEPORT___CT2 23818	28.82 1.69 -7.29	23.62 1.46 -3.41	21.60 1.29 -3.77	21.04 1.23 -2.56	21.41 1.31 -1.92	23.14 1.38 -2.66	26.85 1.83 -0.27	29.79 1.94 -3.06	28.69 1.94 -3.08	27.77 1.85 -4.36	28.38 1.68 -6.47	29.21 1.42 -10.72	31.37 1.34 -14.67	32.72 1.64 -12.59	34.30 1.72 -13.08	40.14 1.99 -17.45	48.23 2.07 -24.82	46.10 2.06 -22.41	49.82 2.68 -17.33	45.65 2.59 -13.61	38.74 2.45 -7.08	33.65 2.11 -6.40	28.25 1.98 -4.28	25.26 1.84 -1.80

FRESHKLS_33_KV_LOAD 356253	26.51 1.07 -5.60	22.59 0.82 -3.02	20.98 0.68 -3.76	20.66 0.85 -2.56	20.92 0.82 -1.92	22.33 0.57 -2.66	25.73 0.72 -0.27	28.81 0.97 -3.05	27.83 1.14 -3.02	26.98 1.10 -4.33	25.92 1.07 -4.62	25.64 0.94 -7.62	25.43 0.88 -9.19	25.92 0.98 -6.45	26.12 1.11 -5.50	26.45 1.28 -4.46	33.79 1.39 -11.06	35.76 1.34 -12.78	37.72 1.67 -6.24	35.70 1.53 -4.72	30.85 1.34 -0.30	27.14 1.13 -0.87	25.49 1.08 -2.41	22.99 1.04 -0.34
FULTON COGEN____ 23766	20.29 0.16 -0.29	19.07 0.17 -0.15	16.92 0.18 -0.19	17.54 0.16 -0.13	18.46 0.18 -0.10	19.46 0.23 -0.14	25.28 0.52 -0.01	25.40 0.45 -0.16	24.25 0.43 -0.16	22.05 0.28 -0.22	20.69 0.22 -0.24	17.65 0.19 -0.39	16.04 0.20 -0.47	19.04 0.22 -0.33	20.00 0.21 -0.28	21.10 0.17 -0.23	22.10 0.21 -0.54	22.61 0.32 -0.65	30.55 0.42 -0.32	30.16 0.47 -0.24	29.74 0.53 -0.02	25.61 0.43 -0.04	22.49 0.37 -0.12	22.00 0.37 -0.02
FULTON____LFGE 323630	28.57 1.39 -7.34	24.18 1.48 -3.96	22.55 1.07 -4.94	21.91 1.29 -3.36	22.13 1.44 -2.52	24.25 1.66 -3.49	27.85 2.75 -0.36	31.06 2.26 -4.01	29.68 2.04 -3.97	28.88 1.64 -5.69	27.73 1.44 -6.06	28.21 1.13 -10.01	28.45 1.01 -12.06	28.15 1.18 -8.48	28.02 1.29 -7.23	28.00 1.43 -5.86	36.30 1.62 -13.34	39.95 1.84 -16.47	40.63 2.62 -8.20	38.30 2.65 -6.20	32.62 3.01 -0.41	28.65 2.36 -1.15	26.93 1.76 -3.18	23.75 1.69 -0.44
G.F.CEMENT____DRP 24184	28.58 1.45 -7.29	23.99 1.31 -3.93	22.52 1.08 -4.90	21.68 1.09 -3.33	21.90 1.22 -2.50	23.96 1.39 -3.47	27.22 2.13 -0.35	30.76 1.98 -3.98	29.49 1.87 -3.95	28.79 1.59 -5.65	27.73 1.48 -6.02	28.21 1.20 -9.94	28.30 0.95 -11.98	28.05 1.15 -8.42	27.88 1.19 -7.18	27.67 1.14 -5.82	35.70 1.24 -13.12	39.35 1.38 -16.33	39.95 2.00 -8.14	37.64 2.03 -6.16	31.80 2.19 -0.40	28.16 1.89 -1.14	26.69 1.54 -3.15	23.57 1.51 -0.44
GARDENVILLE____LBMP 24039	20.31 -0.02 -0.49	18.90 -0.11 -0.26	16.94 0.07 -0.33	17.43 -0.05 -0.22	18.20 -0.15 -0.17	19.08 -0.25 -0.23	25.31 0.54 -0.02	25.24 0.17 -0.27	24.03 0.09 -0.26	22.04 0.11 -0.38	20.67 0.04 -0.40	17.91 0.17 -0.67	16.34 0.17 -0.80	19.25 0.20 -0.56	20.08 0.10 -0.48	21.10 0.00 -0.39	22.20 -0.06 -0.92	22.87 0.13 -1.10	30.06 -0.30 -0.54	29.66 -0.21 -0.41	29.20 -0.03 -0.03	25.26 0.05 -0.08	22.40 0.20 -0.21	22.12 0.48 -0.03
GARDNVLA_35_KV_LD 355827	20.39 0.06 -0.49	18.95 -0.06 -0.26	17.00 0.13 -0.33	17.48 0.00 -0.22	18.25 -0.09 -0.17	19.14 -0.19 -0.23	25.43 0.67 -0.02	25.34 0.27 -0.27	24.15 0.21 -0.26	22.15 0.22 -0.38	20.78 0.14 -0.40	17.99 0.26 -0.67	16.40 0.23 -0.80	19.34 0.30 -0.56	20.18 0.20 -0.48	21.20 0.10 -0.39	22.28 0.02 -0.92	22.98 0.24 -1.10	30.18 -0.18 -0.54	29.77 -0.09 -0.41	29.35 0.12 -0.03	25.37 0.15 -0.08	22.51 0.31 -0.21	22.21 0.56 -0.03
GELCKHM__115KV_LOAD 80723	20.07 -0.08 -0.31	18.82 -0.09 -0.16	16.68 -0.07 -0.21	17.29 -0.10 -0.14	18.19 -0.09 -0.10	19.15 -0.10 -0.15	24.83 0.07 -0.01	25.01 0.05 -0.17	23.88 0.05 -0.17	21.77 -0.02 -0.24	20.42 -0.06 -0.25	17.46 -0.03 -0.42	15.86 -0.02 -0.50	18.82 -0.02 -0.35	19.77 -0.04 -0.30	20.89 -0.06 -0.24	21.85 -0.06 -0.58	22.35 0.02 -0.69	30.12 -0.03 -0.34	29.71 0.00 -0.26	29.28 0.06 -0.02	25.24 0.05 -0.05	22.17 0.04 -0.13	21.66 0.02 -0.02
GENERAL____MILLS 23808	20.35 0.02 -0.49	18.91 -0.09 -0.26	16.97 0.10 -0.33	17.44 -0.03 -0.22	18.22 -0.13 -0.17	19.10 -0.23 -0.23	25.38 0.62 -0.02	25.29 0.22 -0.27	24.10 0.17 -0.26	22.08 0.15 -0.38	20.72 0.08 -0.40	17.94 0.20 -0.67	16.37 0.20 -0.80	19.29 0.24 -0.56	20.12 0.14 -0.48	21.14 0.04 -0.39	22.24 -0.02 -0.92	22.94 0.19 -1.10	30.12 -0.24 -0.54	29.72 -0.15 -0.41	29.26 0.03 -0.03	25.31 0.10 -0.08	22.45 0.24 -0.21	22.17 0.52 -0.03
GE_PLASTICS____DRP 24183	27.51 0.52 -7.15	23.13 0.52 -3.86	21.85 0.50 -4.81	21.06 0.53 -3.27	21.21 0.58 -2.46	23.09 0.59 -3.40	25.96 0.87 -0.35	29.49 0.79 -3.90	28.21 0.66 -3.87	27.68 0.58 -5.54	26.67 0.53 -5.91	27.27 0.44 -9.76	27.52 0.40 -11.75	27.23 0.48 -8.26	27.04 0.49 -7.04	26.94 0.52 -5.71	34.94 0.55 -13.05	38.26 0.56 -16.06	38.57 0.78 -7.99	36.29 0.80 -6.04	30.42 0.82 -0.40	26.96 0.70 -1.12	25.71 0.62 -3.09	22.70 0.65 -0.43
GILBOA____1 23756	27.48 0.69 -6.94	23.13 0.64 -3.74	21.79 0.58 -4.67	21.02 0.59 -3.18	21.18 0.62 -2.38	23.03 0.63 -3.30	25.92 0.84 -0.34	29.43 0.84 -3.79	28.26 0.83 -3.76	27.69 0.75 -5.38	26.68 0.71 -5.74	27.14 0.60 -9.47	27.33 0.55 -11.41	27.17 0.66 -8.02	27.05 0.70 -6.84	27.04 0.79 -5.54	35.29 0.81 -13.14	38.19 0.84 -15.71	38.67 1.10 -7.75	36.41 1.09 -5.87	30.61 1.02 -0.38	27.15 0.93 -1.08	25.83 0.84 -3.00	22.82 0.78 -0.42
GILBOA____2 23757	27.48 0.69 -6.94	23.13 0.64 -3.74	21.79 0.58 -4.67	21.02 0.59 -3.18	21.18 0.62 -2.38	23.03 0.63 -3.30	25.92 0.84 -0.34	29.43 0.84 -3.79	28.26 0.83 -3.76	27.69 0.75 -5.38	26.68 0.71 -5.74	27.14 0.60 -9.47	27.33 0.55 -11.41	27.17 0.66 -8.02	27.05 0.70 -6.84	27.04 0.79 -5.54	35.29 0.81 -13.14	38.19 0.84 -15.71	38.67 1.10 -7.75	36.41 1.09 -5.87	30.61 1.02 -0.38	27.15 0.93 -1.08	25.83 0.84 -3.00	22.82 0.78 -0.42
GILBOA____3 23758	27.48 0.69 -6.94	23.13 0.64 -3.74	21.79 0.58 -4.67	21.02 0.59 -3.18	21.18 0.62 -2.38	23.03 0.63 -3.30	25.92 0.84 -0.34	29.43 0.84 -3.79	28.26 0.83 -3.76	27.69 0.75 -5.38	26.68 0.71 -5.74	27.14 0.60 -9.47	27.33 0.55 -11.41	27.17 0.66 -8.02	27.05 0.70 -6.84	27.04 0.79 -5.54	35.29 0.81 -13.14	38.19 0.84 -15.71	38.67 1.10 -7.75	36.41 1.09 -5.87	30.61 1.02 -0.38	27.15 0.93 -1.08	25.83 0.84 -3.00	22.82 0.78 -0.42
GILBOA____4 23759	27.48 0.69 -6.94	23.13 0.64 -3.74	21.79 0.58 -4.67	21.02 0.59 -3.18	21.18 0.62 -2.38	23.03 0.63 -3.30	25.92 0.84 -0.34	29.43 0.84 -3.79	28.26 0.83 -3.76	27.69 0.75 -5.38	26.68 0.71 -5.74	27.14 0.60 -9.47	27.33 0.55 -11.41	27.17 0.66 -8.02	27.05 0.70 -6.84	27.04 0.79 -5.54	35.29 0.81 -13.14	38.19 0.84 -15.71	38.67 1.10 -7.75	36.41 1.09 -5.87	30.61 1.02 -0.38	27.15 0.93 -1.08	25.83 0.84 -3.00	22.82 0.78 -0.42
GILBOA____ 23599	27.46 0.67 -6.94	23.13 0.64 -3.74	21.76 0.55 -4.67	21.02 0.59 -3.18	21.18 0.62 -2.38	23.03 0.63 -3.30	25.92 0.84 -0.34	29.43 0.84 -3.79	28.26 0.83 -3.76	27.69 0.75 -5.38	26.68 0.71 -5.74	27.14 0.60 -9.47	27.33 0.55 -11.41	27.15 0.65 -8.02	27.05 0.70 -6.84	27.00 0.75 -5.54	35.24 0.77 -13.14	38.13 0.78 -15.71	38.61 1.04 -7.75	36.35 1.03 -5.87	30.61 1.02 -0.38	27.10 0.88 -1.08	25.79 0.79 -3.00	22.82 0.78 -0.42
GINNA____ 23603	19.36 -0.85 -0.37	18.16 -0.79 -0.20	16.07 -0.73 -0.25	16.68 -0.74 -0.17	17.47 -0.84 -0.13	18.40 -0.88 -0.18	24.12 -0.64 -0.02	24.21 -0.79 -0.20	23.09 -0.78 -0.20	21.11 -0.73 -0.29	19.81 -0.73 -0.31	17.00 -0.58 -0.51	15.47 -0.51 -0.61	18.23 -0.68 -0.43	19.19 -0.68 -0.37	20.16 -0.85 -0.30	21.19 -0.85 -0.71	21.72 -0.76 -0.84	28.95 -1.28 -0.42	28.59 -1.18 -0.31	28.20 -1.02 -0.02	24.27 -0.93 -0.06	21.36 -0.79 -0.16	20.95 -0.69 -0.02

GLEN PARK____ 23778	20.01 -0.02 -0.19	18.92 0.08 -0.10	16.68 0.02 -0.13	17.34 0.00 -0.09	18.31 0.07 -0.06	19.43 0.25 -0.09	25.42 0.67 -0.01	25.54 0.64 -0.10	24.29 0.52 -0.10	21.91 0.22 -0.14	20.43 0.04 -0.15	17.33 0.00 -0.25	15.60 -0.08 -0.31	18.61 -0.09 -0.21	19.57 -0.12 -0.18	20.77 -0.08 -0.15	21.71 0.02 -0.35	22.39 0.33 -0.42	30.68 0.66 -0.21	30.29 0.68 -0.16	29.83 0.61 -0.01	25.54 0.38 -0.03	22.29 0.22 -0.08	21.85 0.22 -0.01
GLENDALE_27_KV_LOAD 356172	26.61 1.17 -5.60	22.74 0.97 -3.02	21.12 0.81 -3.76	20.78 0.97 -2.56	21.04 0.95 -1.92	22.58 0.82 -2.66	26.08 1.06 -0.27	29.14 1.29 -3.05	28.12 1.42 -3.03	27.25 1.36 -4.34	26.15 1.29 -4.62	25.83 1.13 -7.63	25.61 1.05 -9.20	26.13 1.18 -6.46	26.34 1.33 -5.51	26.67 1.49 -4.47	33.99 1.58 -11.07	35.94 1.51 -12.78	37.97 1.91 -6.25	35.95 1.77 -4.73	31.18 1.66 -0.31	27.42 1.41 -0.87	25.74 1.32 -2.42	23.21 1.25 -0.34
GLENWOOD_IC_1_G5 23712	28.54 1.41 -7.29	23.39 1.24 -3.41	21.32 1.01 -3.76	20.90 1.09 -2.56	21.19 1.09 -1.92	22.89 1.13 -2.66	26.40 1.39 -0.27	29.51 1.66 -3.06	28.48 1.73 -3.08	27.53 1.62 -4.36	28.22 1.52 -6.47	29.09 1.30 -10.72	31.22 1.18 -14.67	32.48 1.40 -12.59	34.13 1.54 -13.08	39.73 1.57 -17.45	47.78 1.62 -24.82	45.63 1.58 -22.41	49.22 2.09 -17.33	45.03 1.97 -13.61	38.21 1.93 -7.08	33.35 1.81 -6.40	27.90 1.63 -4.28	24.97 1.56 -1.80
GLENWOOD_IC_2_G1 23688	28.42 1.29 -7.29	23.26 1.11 -3.41	21.32 1.01 -3.76	20.80 0.98 -2.56	21.13 1.04 -1.92	22.81 1.05 -2.66	26.37 1.36 -0.27	29.37 1.51 -3.06	28.31 1.56 -3.08	27.36 1.44 -4.36	28.05 1.36 -6.47	28.96 1.16 -10.72	31.11 1.08 -14.67	32.41 1.33 -12.59	33.97 1.39 -13.08	39.75 1.59 -17.45	47.82 1.67 -24.82	45.67 1.62 -22.41	49.25 2.12 -17.33	45.06 2.00 -13.61	38.15 1.87 -7.08	33.22 1.68 -6.40	27.81 1.54 -4.28	24.82 1.40 -1.80
GLENWOOD_IC_3_G1 23689	28.42 1.29 -7.29	23.26 1.11 -3.41	21.32 1.01 -3.76	20.80 0.98 -2.56	21.13 1.04 -1.92	22.81 1.05 -2.66	26.37 1.36 -0.27	29.37 1.51 -3.06	28.31 1.56 -3.08	27.36 1.44 -4.36	28.05 1.36 -6.47	28.96 1.16 -10.72	31.11 1.08 -14.67	32.41 1.33 -12.59	33.97 1.39 -13.08	39.75 1.59 -17.45	47.82 1.67 -24.82	45.67 1.62 -22.41	49.25 2.12 -17.33	45.06 2.00 -13.61	38.15 1.87 -7.08	33.22 1.68 -6.40	27.81 1.54 -4.28	24.82 1.40 -1.80
GLENWOOD____4 23550	28.54 1.41 -7.29	23.39 1.24 -3.41	21.32 1.01 -3.76	20.90 1.09 -2.56	21.19 1.09 -1.92	22.89 1.13 -2.66	26.40 1.39 -0.27	29.51 1.66 -3.06	28.48 1.73 -3.08	27.53 1.62 -4.36	28.22 1.52 -6.47	29.09 1.30 -10.72	31.22 1.18 -14.67	32.48 1.40 -12.59	34.13 1.54 -13.08	39.79 1.64 -17.45	47.84 1.69 -24.82	45.69 1.64 -22.41	49.28 2.15 -17.33	45.09 2.03 -13.61	38.27 1.99 -7.08	33.35 1.81 -6.40	27.90 1.63 -4.28	24.97 1.56 -1.80
GLENWOOD____5 23614	28.54 1.41 -7.29	23.39 1.24 -3.41	21.32 1.01 -3.76	20.90 1.09 -2.56	21.19 1.09 -1.92	22.89 1.13 -2.66	26.40 1.39 -0.27	29.51 1.66 -3.06	28.48 1.73 -3.08	27.53 1.62 -4.36	28.22 1.52 -6.47	29.09 1.30 -10.72	31.22 1.18 -14.67	32.48 1.40 -12.59	34.13 1.54 -13.08	39.79 1.64 -17.45	47.84 1.69 -24.82	45.69 1.64 -22.41	49.28 2.15 -17.33	45.09 2.03 -13.61	38.27 1.99 -7.08	33.35 1.81 -6.40	27.90 1.63 -4.28	24.97 1.56 -1.80
GLOBAL GREEN_PORT_GT1 23814	29.95 2.82 -7.29	24.68 2.53 -3.41	22.52 2.22 -3.76	21.95 2.14 -2.56	22.37 2.27 -1.92	24.17 2.41 -2.66	28.23 3.22 -0.27	31.35 3.50 -3.06	30.18 3.43 -3.08	29.06 3.15 -4.36	28.96 2.27 -6.47	29.72 1.93 -10.72	31.73 1.69 -14.67	33.24 2.16 -12.59	35.47 2.89 -13.08	41.43 3.27 -17.45	49.55 3.39 -24.82	47.46 3.42 -22.41	51.70 4.56 -17.32	47.48 4.42 -13.61	40.58 4.29 -7.08	35.13 3.59 -6.40	29.53 3.25 -4.28	26.47 3.05 -1.80
GLOBE____DSASP 323697	19.92 -0.38 -0.45	18.56 -0.43 -0.25	16.72 -0.13 -0.31	17.19 -0.28 -0.21	17.93 -0.40 -0.16	18.70 -0.61 -0.22	24.57 -0.20 -0.02	24.55 -0.50 -0.25	23.35 -0.57 -0.25	21.43 -0.47 -0.35	20.10 -0.51 -0.38	17.40 -0.29 -0.62	15.86 -0.26 -0.75	18.72 -0.30 -0.53	19.53 -0.43 -0.45	20.49 -0.58 -0.36	21.54 -0.66 -0.86	22.19 -0.48 -1.03	29.16 -1.16 -0.51	28.75 -1.09 -0.38	28.21 -1.02 -0.03	24.56 -0.65 -0.07	21.82 -0.37 -0.20	21.60 -0.04 -0.03
GOETHSLN____LBMP 323567	26.43 0.99 -5.60	22.61 0.84 -3.02	21.05 0.74 -3.76	20.66 0.85 -2.56	20.95 0.85 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	28.97 1.12 -3.05	27.91 1.21 -3.03	27.03 1.14 -4.34	25.95 1.09 -4.62	25.64 0.94 -7.63	25.44 0.88 -9.20	25.96 1.02 -6.46	26.15 1.13 -5.51	26.50 1.33 -4.47	33.78 1.37 -11.07	35.68 1.26 -12.78	37.61 1.55 -6.25	35.65 1.47 -4.73	31.00 1.49 -0.31	27.32 1.31 -0.87	25.60 1.19 -2.42	23.10 1.15 -0.34
GOLAH____69_KV_TB 1_2 80279	20.45 0.22 -0.39	19.14 0.19 -0.21	17.08 0.28 -0.26	17.62 0.19 -0.18	18.42 0.11 -0.13	19.40 0.11 -0.18	25.40 0.64 -0.02	25.48 0.47 -0.21	24.28 0.40 -0.21	22.17 0.32 -0.30	20.81 0.26 -0.32	17.89 0.29 -0.53	16.28 0.28 -0.64	19.27 0.33 -0.45	20.16 0.27 -0.38	21.20 0.19 -0.31	22.26 0.19 -0.73	22.86 0.35 -0.88	30.45 0.21 -0.43	30.04 0.27 -0.33	29.52 0.29 -0.02	25.63 0.43 -0.06	22.69 0.53 -0.17	22.16 0.52 -0.02
GOODYEAR_LAKE_HYD 323669	21.72 0.52 -1.37	20.01 0.52 -0.74	17.89 0.43 -0.92	18.33 0.45 -0.62	19.15 0.51 -0.47	20.34 0.59 -0.65	25.82 1.01 -0.07	26.56 1.02 -0.75	25.38 0.97 -0.74	23.39 0.78 -1.06	22.03 0.67 -1.13	19.52 0.58 -1.86	18.09 0.48 -2.24	20.65 0.59 -1.58	21.46 0.60 -1.35	22.50 0.70 -1.09	24.78 0.75 -2.69	25.62 0.87 -3.12	32.53 1.19 -1.53	31.75 1.15 -1.15	30.45 1.17 -0.08	26.28 0.93 -0.21	23.36 0.77 -0.59	22.44 0.73 -0.08
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.91 0.16 -0.91	19.35 0.11 -0.49	17.30 0.15 -0.61	17.79 0.12 -0.42	18.60 0.11 -0.31	19.64 0.11 -0.43	25.26 0.47 -0.04	25.64 0.35 -0.50	24.49 0.33 -0.49	22.51 0.26 -0.70	21.18 0.20 -0.75	18.52 0.20 -1.24	17.06 0.20 -1.49	19.76 0.22 -1.05	20.63 0.23 -0.89	21.66 0.23 -0.72	23.27 0.21 -1.72	24.02 0.32 -2.05	31.15 0.33 -1.01	30.54 0.32 -0.77	29.69 0.44 -0.05	25.66 0.38 -0.14	22.74 0.35 -0.39	22.04 0.37 -0.05
GOUDEY____7 23579	20.91 0.16 -0.91	19.37 0.13 -0.49	17.32 0.17 -0.61	17.79 0.12 -0.42	18.61 0.13 -0.31	19.66 0.13 -0.43	25.28 0.49 -0.04	25.66 0.37 -0.50	24.52 0.36 -0.49	22.54 0.28 -0.70	21.20 0.22 -0.75	18.52 0.20 -1.24	17.08 0.22 -1.49	19.77 0.24 -1.05	20.65 0.25 -0.89	21.68 0.25 -0.72	23.29 0.23 -1.72	24.04 0.35 -2.05	31.18 0.36 -1.01	30.57 0.35 -0.77	29.72 0.47 -0.05	25.66 0.38 -0.14	22.76 0.37 -0.39	22.06 0.39 -0.05
GOUDEY____8 23580	20.91 0.16 -0.91	19.35 0.11 -0.49	17.30 0.15 -0.61	17.79 0.12 -0.42	18.60 0.11 -0.31	19.64 0.11 -0.43	25.26 0.47 -0.04	25.64 0.35 -0.50	24.49 0.33 -0.49	22.51 0.26 -0.70	21.18 0.20 -0.75	18.52 0.20 -1.24	17.06 0.20 -1.49	19.76 0.22 -1.05	20.63 0.23 -0.89	21.66 0.23 -0.72	23.27 0.21 -1.72	24.02 0.32 -2.05	31.15 0.33 -1.01	30.54 0.32 -0.77	29.69 0.44 -0.05	25.66 0.38 -0.14	22.74 0.35 -0.39	22.04 0.37 -0.05

GOWANUS_GT1_1 24077	26.57 1.13 -5.60	22.68 0.92 -3.02	21.07 0.76 -3.76	20.73 0.91 -2.56	20.99 0.89 -1.92	22.47 0.71 -2.66	25.91 0.89 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.25 1.23 -5.51	26.58 1.41 -4.47	33.92 1.52 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.86 1.68 -4.73	31.06 1.55 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34
GOWANUS_GT1_2 24078	26.57 1.13 -5.60	22.68 0.92 -3.02	21.07 0.76 -3.76	20.73 0.91 -2.56	20.99 0.89 -1.92	22.47 0.71 -2.66	25.91 0.89 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.25 1.23 -5.51	26.58 1.41 -4.47	33.92 1.52 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.86 1.68 -4.73	31.06 1.55 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34
GOWANUS_GT1_3 24079	26.57 1.13 -5.60	22.68 0.92 -3.02	21.07 0.76 -3.76	20.73 0.91 -2.56	20.99 0.89 -1.92	22.47 0.71 -2.66	25.91 0.89 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.25 1.23 -5.51	26.58 1.41 -4.47	33.92 1.52 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.86 1.68 -4.73	31.06 1.55 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34
GOWANUS_GT1_4 24080	26.57 1.13 -5.60	22.68 0.92 -3.02	21.07 0.76 -3.76	20.73 0.91 -2.56	20.99 0.89 -1.92	22.47 0.71 -2.66	25.91 0.89 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.25 1.23 -5.51	26.58 1.41 -4.47	33.92 1.52 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.86 1.68 -4.73	31.06 1.55 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34
GOWANUS_GT1_5 24084	26.57 1.13 -5.60	22.68 0.92 -3.02	21.07 0.76 -3.76	20.73 0.91 -2.56	20.99 0.89 -1.92	22.47 0.71 -2.66	25.91 0.89 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.25 1.23 -5.51	26.58 1.41 -4.47	33.92 1.52 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.86 1.68 -4.73	31.06 1.55 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34
GOWANUS_GT1_6 24111	26.57 1.13 -5.60	22.68 0.92 -3.02	21.07 0.76 -3.76	20.73 0.91 -2.56	20.99 0.89 -1.92	22.47 0.71 -2.66	25.91 0.89 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.25 1.23 -5.51	26.58 1.41 -4.47	33.92 1.52 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.86 1.68 -4.73	31.06 1.55 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34
GOWANUS_GT1_7 24112	26.57 1.13 -5.60	22.68 0.92 -3.02	21.07 0.76 -3.76	20.73 0.91 -2.56	20.99 0.89 -1.92	22.47 0.71 -2.66	25.91 0.89 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.25 1.23 -5.51	26.58 1.41 -4.47	33.92 1.52 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.86 1.68 -4.73	31.06 1.55 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34
GOWANUS_GT1_8 24113	26.57 1.13 -5.60	22.68 0.92 -3.02	21.07 0.76 -3.76	20.73 0.91 -2.56	20.99 0.89 -1.92	22.47 0.71 -2.66	25.91 0.89 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.25 1.23 -5.51	26.58 1.41 -4.47	33.92 1.52 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.86 1.68 -4.73	31.06 1.55 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34
GOWANUS_GT2_1 24114	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
GOWANUS_GT2_2 24115	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
GOWANUS_GT2_3 24116	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
GOWANUS_GT2_4 24117	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
GOWANUS_GT2_5 24118	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
GOWANUS_GT2_6 24119	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
GOWANUS_GT2_7 24120	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34

GOWANUS_GT2_8 24121	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
GOWANUS_GT3_1 24122	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
GOWANUS_GT3_2 24123	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
GOWANUS_GT3_3 24124	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
GOWANUS_GT3_4 24125	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
GOWANUS_GT3_5 24126	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
GOWANUS_GT3_6 24127	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
GOWANUS_GT3_7 24128	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
GOWANUS_GT3_8 24129	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
GOWANUS_GT4_1 24130	26.57 1.13 -5.60	22.68 0.92 -3.02	21.07 0.76 -3.76	20.73 0.91 -2.56	20.99 0.89 -1.92	22.47 0.71 -2.66	25.91 0.89 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.25 1.23 -5.51	26.58 1.41 -4.47	33.92 1.52 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.86 1.68 -4.73	31.06 1.55 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34
GOWANUS_GT4_2 24131	26.57 1.13 -5.60	22.68 0.92 -3.02	21.07 0.76 -3.76	20.73 0.91 -2.56	20.99 0.89 -1.92	22.47 0.71 -2.66	25.91 0.89 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.25 1.23 -5.51	26.58 1.41 -4.47	33.92 1.52 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.86 1.68 -4.73	31.06 1.55 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34
GOWANUS_GT4_3 24132	26.57 1.13 -5.60	22.68 0.92 -3.02	21.07 0.76 -3.76	20.73 0.91 -2.56	20.99 0.89 -1.92	22.47 0.71 -2.66	25.91 0.89 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.25 1.23 -5.51	26.58 1.41 -4.47	33.92 1.52 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.86 1.68 -4.73	31.06 1.55 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34
GOWANUS_GT4_4 24133	26.57 1.13 -5.60	22.68 0.92 -3.02	21.07 0.76 -3.76	20.73 0.91 -2.56	20.99 0.89 -1.92	22.47 0.71 -2.66	25.91 0.89 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.25 1.23 -5.51	26.58 1.41 -4.47	33.92 1.52 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.86 1.68 -4.73	31.06 1.55 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34
GOWANUS_GT4_5 24134	26.57 1.13 -5.60	22.68 0.92 -3.02	21.07 0.76 -3.76	20.73 0.91 -2.56	20.99 0.89 -1.92	22.47 0.71 -2.66	25.91 0.89 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.25 1.23 -5.51	26.58 1.41 -4.47	33.92 1.52 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.86 1.68 -4.73	31.06 1.55 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34
GOWANUS_GT4_6 24135	26.57 1.13 -5.60	22.68 0.92 -3.02	21.07 0.76 -3.76	20.73 0.91 -2.56	20.99 0.89 -1.92	22.47 0.71 -2.66	25.91 0.89 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.25 1.23 -5.51	26.58 1.41 -4.47	33.92 1.52 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.86 1.68 -4.73	31.06 1.55 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34

GOWANUS_GT4_7 24136	26.57 1.13 -5.60	22.68 0.92 -3.02	21.07 0.76 -3.76	20.73 0.91 -2.56	20.99 0.89 -1.92	22.47 0.71 -2.66	25.91 0.89 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.25 1.23 -5.51	26.58 1.41 -4.47	33.92 1.52 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.86 1.68 -4.73	31.06 1.55 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34
GOWANUS_GT4_8 24137	26.57 1.13 -5.60	22.68 0.92 -3.02	21.07 0.76 -3.76	20.73 0.91 -2.56	20.99 0.89 -1.92	22.47 0.71 -2.66	25.91 0.89 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.25 1.23 -5.51	26.58 1.41 -4.47	33.92 1.52 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.86 1.68 -4.73	31.06 1.55 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34
GREENBSH_115KV_TB3 55895	27.40 0.40 -7.16	23.06 0.45 -3.86	21.82 0.46 -4.81	21.03 0.50 -3.27	21.18 0.55 -2.46	23.07 0.57 -3.40	25.91 0.82 -0.35	29.47 0.77 -3.91	28.12 0.57 -3.88	27.57 0.47 -5.55	26.59 0.45 -5.91	27.19 0.36 -9.76	27.47 0.34 -11.76	27.16 0.41 -8.27	26.95 0.39 -7.05	26.82 0.39 -5.71	34.70 0.43 -12.94	38.14 0.45 -16.04	38.43 0.63 -7.99	36.12 0.62 -6.05	30.27 0.67 -0.40	26.83 0.58 -1.12	25.60 0.51 -3.10	22.59 0.54 -0.43
GREENDGE_115KV_TB5 80291	20.68 0.26 -0.58	19.28 0.22 -0.31	17.20 0.26 -0.39	17.73 0.21 -0.27	18.61 0.24 -0.20	19.62 0.25 -0.28	25.56 0.79 -0.03	25.76 0.64 -0.32	24.55 0.57 -0.31	22.41 0.41 -0.45	21.03 0.32 -0.48	18.17 0.31 -0.79	16.61 0.29 -0.95	19.51 0.35 -0.67	20.41 0.33 -0.57	21.46 0.29 -0.46	22.78 0.34 -1.10	23.45 0.50 -1.31	31.06 0.60 -0.65	30.56 0.62 -0.49	29.99 0.76 -0.03	25.86 0.63 -0.09	22.80 0.55 -0.25	22.21 0.56 -0.04
GREENIDGE___3 23582	20.68 0.26 -0.58	19.28 0.22 -0.31	17.20 0.26 -0.39	17.73 0.21 -0.27	18.61 0.24 -0.20	19.62 0.25 -0.28	25.56 0.79 -0.03	25.76 0.64 -0.32	24.55 0.57 -0.31	22.41 0.41 -0.45	21.03 0.32 -0.48	18.17 0.31 -0.79	16.61 0.29 -0.95	19.51 0.35 -0.67	20.41 0.33 -0.57	21.46 0.29 -0.46	22.78 0.34 -1.10	23.45 0.50 -1.31	31.06 0.60 -0.65	30.56 0.62 -0.49	29.99 0.76 -0.03	25.86 0.63 -0.09	22.80 0.55 -0.25	22.21 0.56 -0.04
GREENIDGE___4 23583	20.64 0.22 -0.58	19.28 0.23 -0.31	17.08 0.15 -0.39	17.73 0.21 -0.27	18.59 0.22 -0.20	19.60 0.23 -0.28	25.64 0.87 -0.03	25.71 0.59 -0.32	24.55 0.57 -0.31	22.41 0.41 -0.45	21.03 0.32 -0.48	18.17 0.31 -0.79	16.61 0.29 -0.95	19.45 0.29 -0.67	20.41 0.33 -0.57	21.42 0.25 -0.46	22.74 0.30 -1.10	23.43 0.48 -1.31	30.88 0.42 -0.65	30.44 0.50 -0.49	29.99 0.76 -0.03	25.83 0.60 -0.09	22.69 0.44 -0.25	22.24 0.58 -0.04
GREENLWN_69_KV_BK 3 55738	28.76 1.63 -7.29	23.58 1.42 -3.41	21.45 1.14 -3.76	20.99 1.17 -2.56	21.30 1.20 -1.92	23.06 1.30 -2.66	26.50 1.48 -0.27	29.76 1.91 -3.06	28.74 1.99 -3.08	27.79 1.87 -4.36	28.40 1.70 -6.47	29.25 1.45 -10.72	31.34 1.31 -14.67	32.61 1.53 -12.59	34.27 1.68 -13.08	40.06 1.91 -17.45	48.08 1.92 -24.82	45.93 1.88 -22.41	49.61 2.47 -17.33	45.45 2.39 -13.61	38.65 2.37 -7.08	33.53 1.99 -6.40	28.14 1.87 -4.28	25.19 1.77 -1.80
GREENWD_138_KV_38B11_REV_LBMP_J 345004	26.57 1.13 -5.60	22.68 0.92 -3.02	21.07 0.76 -3.76	20.73 0.91 -2.56	20.99 0.89 -1.92	22.47 0.71 -2.66	25.91 0.89 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.25 1.23 -5.51	26.58 1.41 -4.47	33.92 1.52 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.86 1.68 -4.73	31.06 1.55 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34
GRISSOM___SOLAR 323813	28.57 1.39 -7.34	24.18 1.48 -3.96	22.55 1.07 -4.94	21.91 1.29 -3.36	22.13 1.44 -2.52	24.25 1.66 -3.49	27.85 2.75 -0.36	31.06 2.26 -4.01	29.68 2.04 -3.97	28.88 1.64 -5.69	27.73 1.44 -6.06	28.21 1.13 -10.01	28.45 1.01 -12.06	28.15 1.18 -8.48	28.02 1.29 -7.23	28.00 1.43 -5.86	36.30 1.62 -13.34	39.95 1.84 -16.47	40.63 2.62 -8.20	38.30 2.65 -6.20	32.62 3.01 -0.41	28.65 2.36 -1.15	26.93 1.76 -3.18	23.75 1.69 -0.44
GROVEVILLE___HYD 323602	26.58 1.11 -5.63	22.78 0.99 -3.04	21.14 0.81 -3.79	20.73 0.90 -2.58	21.00 0.89 -1.93	22.63 0.86 -2.68	26.15 1.14 -0.27	29.06 1.19 -3.07	27.93 1.21 -3.05	27.01 1.10 -4.36	25.93 1.05 -4.65	25.62 0.87 -7.68	25.42 0.80 -9.25	25.93 0.94 -6.50	26.12 1.07 -5.54	26.40 1.20 -4.49	33.61 1.26 -11.01	35.72 1.26 -12.83	37.86 1.76 -6.29	35.89 1.68 -4.76	31.15 1.64 -0.31	27.40 1.38 -0.88	25.62 1.19 -2.44	23.17 1.21 -0.34
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.25 0.08 -0.33	19.00 0.07 -0.18	16.85 0.08 -0.22	17.46 0.05 -0.15	18.38 0.09 -0.11	19.35 0.10 -0.16	25.08 0.32 -0.02	25.25 0.27 -0.18	24.11 0.26 -0.18	21.96 0.15 -0.26	20.61 0.10 -0.27	17.63 0.10 -0.45	16.02 0.11 -0.54	19.00 0.13 -0.38	19.95 0.12 -0.33	21.08 0.10 -0.26	22.07 0.11 -0.63	22.58 0.19 -0.75	30.42 0.24 -0.37	30.00 0.27 -0.28	29.54 0.32 -0.02	25.47 0.28 -0.05	22.38 0.24 -0.14	21.85 0.22 -0.02
HAMLTNNY_34_KV_TB 80303	20.25 0.06 -0.35	18.97 0.04 -0.19	16.83 0.05 -0.24	17.43 0.02 -0.16	18.33 0.04 -0.12	19.32 0.06 -0.17	25.03 0.27 -0.02	25.26 0.27 -0.19	24.10 0.24 -0.19	21.98 0.15 -0.27	20.62 0.10 -0.29	17.66 0.10 -0.48	16.05 0.11 -0.58	19.02 0.13 -0.41	19.99 0.14 -0.35	21.09 0.10 -0.28	22.11 0.11 -0.67	22.63 0.19 -0.80	30.44 0.24 -0.39	30.01 0.27 -0.30	29.54 0.32 -0.02	25.47 0.28 -0.05	22.39 0.24 -0.15	21.81 0.17 -0.02
HAMPSHIRE___PAPER_HYD 323593	19.35 -0.50 0.00	18.35 -0.39 0.00	16.18 -0.36 0.00	16.88 -0.38 0.00	17.83 -0.35 0.00	18.81 -0.29 0.00	24.27 -0.47 0.00	24.43 -0.37 0.00	23.27 -0.40 0.00	21.08 -0.47 0.00	19.66 -0.57 0.00	16.56 -0.51 0.00	14.85 -0.52 0.00	17.88 -0.61 0.00	18.84 -0.66 0.00	20.05 -0.66 0.00	20.68 -0.66 0.00	21.10 -0.54 0.00	29.37 -0.45 0.00	29.01 -0.44 0.00	28.62 -0.58 0.00	24.53 -0.60 0.00	21.38 -0.62 0.00	21.06 -0.56 0.00
HARDSCRABBLE_WT_PWR 323673	20.04 0.20 0.00	18.99 0.24 0.00	16.76 0.21 0.00	17.46 0.21 0.00	18.39 0.22 0.00	19.33 0.23 0.00	25.11 0.37 0.00	25.05 0.25 0.00	23.88 0.21 0.00	21.70 0.15 0.00	20.31 0.08 0.00	17.12 0.05 0.00	15.37 0.00 0.00	18.41 -0.07 0.00	19.41 -0.10 0.00	20.63 -0.08 0.00	21.28 -0.06 0.00	21.64 0.00 0.00	29.93 0.12 0.00	29.60 0.15 0.00	29.46 0.26 0.00	25.39 0.25 0.00	22.21 0.22 0.00	21.92 0.30 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.81 0.93 -5.03	22.30 0.84 -2.71	20.64 0.71 -3.38	20.33 0.78 -2.30	20.68 0.78 -1.73	22.23 0.74 -2.39	25.98 0.99 -0.24	28.58 1.04 -2.75	27.46 1.07 -2.72	26.44 0.99 -3.90	25.32 0.93 -4.16	24.72 0.79 -6.86	24.36 0.72 -8.27	25.15 0.85 -5.81	25.44 0.98 -4.95	25.84 1.12 -4.02	32.40 1.13 -9.93	34.25 1.13 -11.49	36.95 1.52 -5.62	35.11 1.41 -4.25	30.85 1.37 -0.28	27.08 1.16 -0.79	25.20 1.03 -2.18	22.98 1.06 -0.30

HARSNRAD_115KV_TB1 81005	20.17 -0.12 -0.45	18.80 -0.19 -0.24	16.86 0.02 -0.30	17.34 -0.12 -0.21	18.09 -0.24 -0.15	18.97 -0.34 -0.21	25.11 0.35 -0.02	25.07 0.02 -0.25	23.84 -0.07 -0.24	21.86 -0.04 -0.35	20.52 -0.08 -0.37	17.76 0.07 -0.61	16.17 0.06 -0.74	19.08 0.07 -0.52	19.91 -0.04 -0.44	20.92 -0.14 -0.36	21.98 -0.21 -0.85	22.63 -0.02 -1.02	29.81 -0.51 -0.50	29.39 -0.44 -0.38	28.88 -0.35 -0.02	25.11 -0.10 -0.07	22.26 0.07 -0.19	21.95 0.30 -0.03
HARZA MOOSE__RIVER 24016	19.90 -0.06 -0.12	18.85 0.04 -0.06	16.62 0.00 -0.08	17.29 -0.02 -0.05	18.25 0.04 -0.04	19.31 0.15 -0.06	25.12 0.37 -0.01	25.28 0.42 -0.06	24.09 0.36 -0.06	21.82 0.17 -0.09	20.33 0.00 -0.10	17.22 -0.02 -0.16	15.49 -0.08 -0.20	18.53 -0.09 -0.14	19.51 -0.12 -0.12	20.74 -0.06 -0.09	21.56 0.00 -0.22	22.15 0.24 -0.27	30.42 0.48 -0.13	29.99 0.44 -0.10	29.53 0.32 -0.01	25.33 0.18 -0.02	22.16 0.11 -0.05	21.82 0.19 -0.01
HDSNBRDG_115KV_BRDG_TB1 355580	20.03 -0.12 -0.31	18.78 -0.13 -0.17	16.67 -0.08 -0.21	17.28 -0.12 -0.14	18.17 -0.11 -0.11	19.13 -0.11 -0.15	24.81 0.05 -0.01	24.99 0.02 -0.17	23.86 0.02 -0.17	21.75 -0.04 -0.24	20.40 -0.08 -0.25	17.44 -0.05 -0.42	15.84 -0.03 -0.50	18.80 -0.04 -0.35	19.77 -0.04 -0.30	20.87 -0.08 -0.25	21.86 -0.06 -0.58	22.33 0.00 -0.69	30.10 -0.06 -0.34	29.68 -0.03 -0.26	29.25 0.03 -0.02	25.21 0.03 -0.05	22.15 0.02 -0.13	21.64 0.00 -0.02
HELLGATE_13_KV_LD 55870	26.51 1.07 -5.60	22.66 0.90 -3.02	21.05 0.74 -3.76	20.71 0.90 -2.56	20.97 0.87 -1.92	22.50 0.74 -2.66	25.95 0.94 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.12 1.23 -4.34	26.03 1.17 -4.62	25.73 1.02 -7.63	25.52 0.95 -9.20	26.04 1.09 -6.46	26.23 1.21 -5.51	26.54 1.37 -4.47	33.86 1.45 -11.07	35.81 1.38 -12.78	37.76 1.70 -6.25	35.77 1.59 -4.73	31.03 1.52 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.10 1.15 -0.34
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	26.51 1.07 -5.60	22.66 0.90 -3.02	21.05 0.74 -3.76	20.71 0.90 -2.56	20.97 0.87 -1.92	22.50 0.74 -2.66	25.95 0.94 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.12 1.23 -4.34	26.03 1.17 -4.62	25.73 1.02 -7.63	25.52 0.95 -9.20	26.04 1.09 -6.46	26.23 1.21 -5.51	26.54 1.37 -4.47	33.86 1.45 -11.07	35.81 1.38 -12.78	37.76 1.70 -6.25	35.77 1.59 -4.73	31.03 1.52 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.10 1.15 -0.34
HEMPSTEAD____ 23647	28.60 1.47 -7.29	23.43 1.28 -3.41	21.45 1.14 -3.77	20.89 1.07 -2.56	21.24 1.15 -1.92	22.95 1.18 -2.66	26.60 1.58 -0.27	29.59 1.74 -3.06	28.53 1.78 -3.08	27.57 1.66 -4.36	28.24 1.54 -6.47	29.09 1.30 -10.72	31.22 1.18 -14.67	32.56 1.48 -12.59	34.13 1.54 -13.08	39.90 1.74 -17.45	47.97 1.81 -24.82	45.84 1.80 -22.41	49.47 2.33 -17.33	45.27 2.21 -13.61	38.39 2.10 -7.08	33.40 1.86 -6.40	28.01 1.74 -4.28	25.02 1.60 -1.80
HEWLETT__69_KV_BK3 55828	28.76 1.63 -7.29	23.62 1.46 -3.41	21.50 1.19 -3.76	21.06 1.24 -2.56	21.35 1.25 -1.92	23.10 1.34 -2.66	26.60 1.58 -0.27	29.79 1.93 -3.06	28.76 2.01 -3.08	27.81 1.90 -4.36	28.44 1.74 -6.47	29.28 1.49 -10.72	31.37 1.34 -14.67	32.63 1.55 -12.59	34.30 1.72 -13.08	40.04 1.88 -17.45	48.10 1.94 -24.82	45.97 1.93 -22.41	49.67 2.53 -17.33	45.48 2.42 -13.61	38.65 2.37 -7.08	33.58 2.04 -6.40	28.16 1.89 -4.28	25.26 1.84 -1.80
HICKLING__1 23621	20.89 0.32 -0.73	19.32 0.19 -0.39	17.28 0.25 -0.49	17.78 0.19 -0.33	18.62 0.20 -0.25	19.63 0.19 -0.34	25.54 0.77 -0.04	25.84 0.64 -0.40	24.63 0.57 -0.39	22.52 0.41 -0.56	21.17 0.34 -0.60	18.39 0.32 -0.99	16.88 0.32 -1.19	19.71 0.39 -0.84	20.59 0.37 -0.71	21.64 0.35 -0.58	23.10 0.38 -1.37	23.80 0.52 -1.64	31.13 0.51 -0.81	30.62 0.56 -0.61	30.00 0.76 -0.04	25.88 0.63 -0.11	22.92 0.62 -0.31	22.27 0.61 -0.04
HICKLING__2 23622	20.89 0.32 -0.73	19.32 0.19 -0.39	17.28 0.25 -0.49	17.78 0.19 -0.33	18.62 0.20 -0.25	19.63 0.19 -0.34	25.54 0.77 -0.04	25.84 0.64 -0.40	24.63 0.57 -0.39	22.52 0.41 -0.56	21.17 0.34 -0.60	18.39 0.32 -0.99	16.88 0.32 -1.19	19.71 0.39 -0.84	20.59 0.37 -0.71	21.64 0.35 -0.58	23.10 0.38 -1.37	23.80 0.52 -1.64	31.13 0.51 -0.81	30.62 0.56 -0.61	30.00 0.76 -0.04	25.88 0.63 -0.11	22.92 0.62 -0.31	22.27 0.61 -0.04
HIGH FALLS__HY 23754	26.21 0.91 -5.46	22.51 0.82 -2.94	20.87 0.66 -3.67	20.49 0.74 -2.50	20.78 0.73 -1.88	22.34 0.65 -2.60	25.85 0.84 -0.27	28.67 0.89 -2.98	27.58 0.95 -2.96	26.67 0.88 -4.23	25.55 0.81 -4.51	25.20 0.68 -7.45	24.99 0.65 -8.97	25.55 0.76 -6.30	25.76 0.88 -5.38	26.12 1.06 -4.36	32.96 1.11 -10.51	35.12 1.08 -12.40	37.43 1.52 -6.10	35.45 1.38 -4.61	30.85 1.34 -0.30	27.07 1.08 -0.85	25.32 0.97 -2.36	23.01 1.06 -0.33
HILLBURN__GT 23639	25.93 0.93 -5.15	22.39 0.86 -2.78	20.75 0.75 -3.46	20.42 0.81 -2.36	20.78 0.84 -1.77	22.37 0.82 -2.45	26.06 1.06 -0.25	28.73 1.12 -2.81	27.60 1.14 -2.79	26.60 1.06 -3.99	25.48 0.99 -4.26	24.95 0.85 -7.03	24.64 0.80 -8.47	25.45 1.02 -5.95	25.63 1.05 -5.07	26.06 1.24 -4.11	32.79 1.28 -10.17	34.68 1.28 -11.76	37.20 1.64 -5.75	35.30 1.50 -4.35	30.86 1.37 -0.29	27.17 1.23 -0.81	25.34 1.12 -2.23	23.03 1.10 -0.31
HILLSIDE_115KV_TB1 80332	20.57 -0.02 -0.75	19.09 -0.06 -0.40	17.08 0.03 -0.50	17.56 -0.03 -0.34	18.38 -0.05 -0.26	19.38 -0.08 -0.36	25.17 0.40 -0.04	25.40 0.20 -0.41	24.22 0.14 -0.41	22.20 0.06 -0.58	20.87 0.02 -0.62	18.15 0.05 -1.02	16.68 0.08 -1.23	19.44 0.09 -0.87	20.30 0.06 -0.74	21.33 0.02 -0.60	22.80 0.04 -1.42	23.51 0.17 -1.69	30.68 0.03 -0.84	30.11 0.03 -0.63	29.48 0.23 -0.04	25.43 0.18 -0.12	22.54 0.22 -0.32	21.97 0.30 -0.05
HISHELDN_WT_PWR 323625	20.33 -0.04 -0.52	18.95 -0.07 -0.28	16.81 -0.08 -0.35	17.46 -0.03 -0.24	18.21 -0.15 -0.18	19.12 -0.23 -0.25	25.44 0.67 -0.03	25.21 0.12 -0.28	24.10 0.14 -0.28	22.09 0.13 -0.40	20.70 0.04 -0.43	17.92 0.14 -0.71	16.36 0.14 -0.86	19.14 0.06 -0.60	20.10 0.08 -0.52	21.00 -0.12 -0.42	22.18 -0.15 -0.99	22.91 0.09 -1.19	29.86 -0.54 -0.59	29.51 -0.38 -0.44	29.32 0.09 -0.03	25.30 0.08 -0.08	22.31 0.09 -0.23	22.12 0.47 -0.03
HOLTSVILLE_IC_1 23690	29.10 1.96 -7.29	23.86 1.71 -3.41	21.83 1.52 -3.76	21.25 1.43 -2.56	21.63 1.53 -1.92	23.36 1.60 -2.66	27.14 2.13 -0.27	30.23 2.38 -3.06	29.12 2.37 -3.08	28.07 2.15 -4.36	28.62 1.92 -6.47	29.43 1.64 -10.72	31.48 1.44 -14.67	32.87 1.79 -12.59	34.48 1.89 -13.08	40.29 2.13 -17.45	48.36 2.20 -24.82	46.21 2.16 -22.41	49.97 2.83 -17.32	45.80 2.74 -13.61	39.00 2.72 -7.08	33.90 2.36 -6.40	28.56 2.29 -4.28	25.49 2.08 -1.80
HOLTSVILLE_IC_10 23699	29.26 2.12 -7.29	23.97 1.82 -3.41	21.96 1.65 -3.76	21.35 1.54 -2.56	21.73 1.64 -1.92	23.48 1.72 -2.66	27.32 2.30 -0.27	30.43 2.58 -3.06	29.33 2.58 -3.08	28.26 2.35 -4.36	28.80 2.10 -6.47	29.59 1.79 -10.72	31.62 1.58 -14.67	33.04 1.96 -12.59	34.68 2.09 -13.08	40.50 2.34 -17.45	48.57 2.41 -24.82	46.40 2.36 -22.41	50.24 3.10 -17.32	46.09 3.03 -13.61	39.29 3.01 -7.08	34.15 2.61 -6.40	28.76 2.48 -4.28	25.65 2.23 -1.80

HOLTSVILLE_IC_2 23691	29.10 1.96 -7.29	23.86 1.71 -3.41	21.83 1.52 -3.76	21.25 1.43 -2.56	21.63 1.53 -1.92	23.36 1.60 -2.66	27.14 2.13 -0.27	30.23 2.38 -3.06	29.12 2.37 -3.08	28.07 2.15 -4.36	28.62 1.92 -6.47	29.43 1.64 -10.72	31.48 1.44 -14.67	32.87 1.79 -12.59	34.48 1.89 -13.08	40.29 2.13 -17.45	48.36 2.20 -24.82	46.21 2.16 -22.41	49.97 2.83 -17.32	45.80 2.74 -13.61	39.00 2.72 -7.08	33.90 2.36 -6.40	28.56 2.29 -4.28	25.49 2.08 -1.80
HOLTSVILLE_IC_3 23692	29.10 1.96 -7.29	23.86 1.71 -3.41	21.83 1.52 -3.76	21.25 1.43 -2.56	21.63 1.53 -1.92	23.36 1.60 -2.66	27.14 2.13 -0.27	30.23 2.38 -3.06	29.12 2.37 -3.08	28.07 2.15 -4.36	28.62 1.92 -6.47	29.43 1.64 -10.72	31.48 1.44 -14.67	32.87 1.79 -12.59	34.48 1.89 -13.08	40.29 2.13 -17.45	48.36 2.20 -24.82	46.21 2.16 -22.41	49.97 2.83 -17.32	45.80 2.74 -13.61	39.00 2.72 -7.08	33.90 2.36 -6.40	28.56 2.29 -4.28	25.49 2.08 -1.80
HOLTSVILLE_IC_4 23693	29.10 1.96 -7.29	23.86 1.71 -3.41	21.83 1.52 -3.76	21.25 1.43 -2.56	21.63 1.53 -1.92	23.36 1.60 -2.66	27.14 2.13 -0.27	30.23 2.38 -3.06	29.12 2.37 -3.08	28.07 2.15 -4.36	28.62 1.92 -6.47	29.43 1.64 -10.72	31.48 1.44 -14.67	32.87 1.79 -12.59	34.48 1.89 -13.08	40.29 2.13 -17.45	48.36 2.20 -24.82	46.21 2.16 -22.41	49.97 2.83 -17.32	45.80 2.74 -13.61	39.00 2.72 -7.08	33.90 2.36 -6.40	28.56 2.29 -4.28	25.49 2.08 -1.80
HOLTSVILLE_IC_5 23694	29.10 1.96 -7.29	23.86 1.71 -3.41	21.83 1.52 -3.76	21.25 1.43 -2.56	21.63 1.53 -1.92	23.36 1.60 -2.66	27.14 2.13 -0.27	30.23 2.38 -3.06	29.12 2.37 -3.08	28.07 2.15 -4.36	28.62 1.92 -6.47	29.43 1.64 -10.72	31.48 1.44 -14.67	32.87 1.79 -12.59	34.48 1.89 -13.08	40.29 2.13 -17.45	48.36 2.20 -24.82	46.21 2.16 -22.41	49.97 2.83 -17.32	45.80 2.74 -13.61	39.00 2.72 -7.08	33.90 2.36 -6.40	28.56 2.29 -4.28	25.49 2.08 -1.80
HOLTSVILLE_IC_6 23695	29.26 2.12 -7.29	23.97 1.82 -3.41	21.96 1.65 -3.76	21.35 1.54 -2.56	21.73 1.64 -1.92	23.48 1.72 -2.66	27.32 2.30 -0.27	30.43 2.58 -3.06	29.33 2.58 -3.08	28.26 2.35 -4.36	28.80 2.10 -6.47	29.59 1.79 -10.72	31.62 1.58 -14.67	33.04 1.96 -12.59	34.68 2.09 -13.08	40.50 2.34 -17.45	48.57 2.41 -24.82	46.40 2.36 -22.41	50.24 3.10 -17.32	46.09 3.03 -13.61	39.29 3.01 -7.08	34.15 2.61 -6.40	28.76 2.48 -4.28	25.65 2.23 -1.80
HOLTSVILLE_IC_7 23696	29.26 2.12 -7.29	23.97 1.82 -3.41	21.96 1.65 -3.76	21.35 1.54 -2.56	21.73 1.64 -1.92	23.48 1.72 -2.66	27.32 2.30 -0.27	30.43 2.58 -3.06	29.33 2.58 -3.08	28.26 2.35 -4.36	28.80 2.10 -6.47	29.59 1.79 -10.72	31.62 1.58 -14.67	33.04 1.96 -12.59	34.68 2.09 -13.08	40.50 2.34 -17.45	48.57 2.41 -24.82	46.40 2.36 -22.41	50.24 3.10 -17.32	46.09 3.03 -13.61	39.29 3.01 -7.08	34.15 2.61 -6.40	28.76 2.48 -4.28	25.65 2.23 -1.80
HOLTSVILLE_IC_8 23697	29.26 2.12 -7.29	23.97 1.82 -3.41	21.96 1.65 -3.76	21.35 1.54 -2.56	21.73 1.64 -1.92	23.48 1.72 -2.66	27.32 2.30 -0.27	30.43 2.58 -3.06	29.33 2.58 -3.08	28.26 2.35 -4.36	28.80 2.10 -6.47	29.59 1.79 -10.72	31.62 1.58 -14.67	33.04 1.96 -12.59	34.68 2.09 -13.08	40.50 2.34 -17.45	48.57 2.41 -24.82	46.40 2.36 -22.41	50.24 3.10 -17.32	46.09 3.03 -13.61	39.29 3.01 -7.08	34.15 2.61 -6.40	28.76 2.48 -4.28	25.65 2.23 -1.80
HOLTSVILLE_IC_9 23698	29.26 2.12 -7.29	23.97 1.82 -3.41	21.96 1.65 -3.76	21.35 1.54 -2.56	21.73 1.64 -1.92	23.48 1.72 -2.66	27.32 2.30 -0.27	30.43 2.58 -3.06	29.33 2.58 -3.08	28.26 2.35 -4.36	28.80 2.10 -6.47	29.59 1.79 -10.72	31.62 1.58 -14.67	33.04 1.96 -12.59	34.68 2.09 -13.08	40.50 2.34 -17.45	48.57 2.41 -24.82	46.40 2.36 -22.41	50.24 3.10 -17.32	46.09 3.03 -13.61	39.29 3.01 -7.08	34.15 2.61 -6.40	28.76 2.48 -4.28	25.65 2.23 -1.80
HOMER_HL_115KV_TB2 355744	19.92 -0.46 -0.54	18.47 -0.56 -0.29	16.57 -0.33 -0.36	17.02 -0.48 -0.25	17.80 -0.56 -0.18	18.72 -0.63 -0.25	25.09 0.32 -0.03	24.87 -0.22 -0.29	23.70 -0.26 -0.29	21.73 -0.24 -0.42	20.39 -0.28 -0.44	17.67 -0.14 -0.73	16.16 -0.09 -0.88	18.98 -0.13 -0.62	19.82 -0.21 -0.53	20.83 -0.31 -0.43	21.99 -0.36 -1.01	22.68 -0.17 -1.21	29.67 -0.75 -0.60	29.23 -0.68 -0.45	29.03 -0.20 -0.03	24.87 -0.35 -0.08	22.01 -0.22 -0.23	21.84 0.19 -0.03
HOWARD_WT_PWR 323690	20.85 0.40 -0.61	19.45 0.37 -0.33	17.25 0.30 -0.41	17.90 0.36 -0.28	18.73 0.34 -0.21	19.73 0.34 -0.29	26.03 1.26 -0.03	25.92 0.79 -0.33	24.76 0.76 -0.33	22.60 0.58 -0.47	21.18 0.44 -0.50	18.33 0.43 -0.83	16.73 0.37 -1.00	19.55 0.37 -0.70	20.52 0.41 -0.60	21.48 0.29 -0.49	22.83 0.34 -1.15	23.64 0.63 -1.38	30.94 0.45 -0.68	30.52 0.56 -0.51	30.29 1.05 -0.03	26.11 0.88 -0.10	22.92 0.66 -0.26	22.60 0.95 -0.04
HQ_GEN_CEDARS 23644	19.51 -0.34 0.00	18.50 -0.24 0.00	16.31 -0.23 0.00	17.05 -0.21 0.00	17.98 -0.20 0.00	18.89 -0.21 0.00	24.15 -0.59 0.00	24.23 -0.57 0.00	23.10 -0.57 0.00	21.06 -0.50 0.00	19.79 -0.45 0.00	16.66 -0.41 0.00	14.98 -0.38 0.00	18.06 -0.43 0.00	19.06 -0.45 0.00	20.25 -0.46 0.00	20.83 -0.51 0.00	21.08 -0.56 0.00	29.19 -0.63 0.00	28.86 -0.59 0.00	28.53 -0.67 0.00	24.48 -0.65 0.00	21.38 -0.62 0.00	21.03 -0.58 0.00
HQ_GEN_CEDARS_PROXY 323590	19.51 -0.34 0.00	18.50 -0.24 0.00	16.29 -0.25 0.00	17.05 -0.21 0.00	17.98 -0.20 0.00	18.89 -0.21 0.00	24.12 -0.62 0.00	24.23 -0.57 0.00	23.10 -0.57 0.00	21.06 -0.49 0.00	19.79 -0.45 0.00	16.66 -0.41 0.00	14.99 -0.38 0.00	18.06 -0.42 0.00	19.06 -0.45 0.00	20.23 -0.48 0.00	20.79 -0.55 0.00	20.99 -0.65 0.00	29.22 -0.60 0.00	28.83 -0.62 0.00	28.50 -0.70 0.00	24.48 -0.65 0.00	21.38 -0.62 0.00	21.03 -0.58 0.00
HQ_GEN_IMPORT 323601	19.63 -0.22 0.00	18.56 -0.19 0.00	16.38 -0.17 0.00	17.10 -0.16 0.00	18.01 -0.16 0.00	18.93 -0.17 0.00	24.32 -0.42 0.00	24.40 -0.40 0.00	23.29 -0.38 0.00	21.25 -0.30 0.00	19.97 -0.26 0.00	16.83 -0.24 0.00	15.15 -0.22 0.00	18.24 -0.24 0.00	19.23 -0.27 0.00	20.42 -0.29 0.00	21.02 -0.32 0.00	21.25 -0.39 0.00	29.37 -0.45 0.00	29.01 -0.44 0.00	28.73 -0.47 0.00	24.71 -0.43 0.00	21.62 -0.37 0.00	21.25 -0.37 0.00
HQ_GEN_WHEEL 23651	19.63 -0.22 0.00	18.56 -0.19 0.00	16.38 -0.17 0.00	17.10 -0.16 0.00	18.01 -0.16 0.00	18.93 -0.17 0.00	24.32 -0.42 0.00	24.40 -0.40 0.00	23.29 -0.38 0.00	21.25 -0.30 0.00	19.97 -0.26 0.00	16.83 -0.24 0.00	15.15 -0.22 0.00	18.24 -0.24 0.00	19.23 -0.27 0.00	20.42 -0.29 0.00	21.02 -0.32 0.00	21.25 -0.39 0.00	29.37 -0.45 0.00	29.01 -0.44 0.00	28.73 -0.47 0.00	24.71 -0.43 0.00	21.62 -0.37 0.00	21.25 -0.37 0.00
HUDSON_AVE_GT_3 23810	26.55 1.11 -5.60	22.70 0.94 -3.02	21.12 0.81 -3.76	20.73 0.91 -2.56	21.02 0.93 -1.92	22.60 0.84 -2.66	26.10 1.09 -0.27	29.14 1.29 -3.05	28.08 1.37 -3.03	27.20 1.31 -4.34	26.09 1.23 -4.62	25.78 1.08 -7.63	25.55 0.98 -9.20	26.09 1.15 -6.46	26.29 1.27 -5.51	26.63 1.45 -4.47	33.90 1.49 -11.07	35.83 1.41 -12.78	37.88 1.82 -6.25	35.86 1.68 -4.73	31.18 1.66 -0.31	27.45 1.43 -0.87	25.74 1.32 -2.42	23.21 1.25 -0.34

HUDSON AVE_GT_4 23540	26.55 1.11 -5.60	22.70 0.94 -3.02	21.12 0.81 -3.76	20.73 0.91 -2.56	21.02 0.93 -1.92	22.60 0.84 -2.66	26.10 1.09 -0.27	29.14 1.29 -3.05	28.08 1.37 -3.03	27.20 1.31 -4.34	26.09 1.23 -4.62	25.78 1.08 -7.63	25.55 0.98 -9.20	26.09 1.15 -6.46	26.29 1.27 -5.51	26.63 1.45 -4.47	33.90 1.49 -11.07	35.83 1.41 -12.78	37.88 1.82 -6.25	35.86 1.68 -4.73	31.18 1.66 -0.31	27.45 1.43 -0.87	25.74 1.32 -2.42	23.21 1.25 -0.34
HUDSON AVE_GT_5 23657	26.55 1.11 -5.60	22.70 0.94 -3.02	21.12 0.81 -3.76	20.73 0.91 -2.56	21.02 0.93 -1.92	22.60 0.84 -2.66	26.10 1.09 -0.27	29.14 1.29 -3.05	28.08 1.37 -3.03	27.20 1.31 -4.34	26.09 1.23 -4.62	25.78 1.08 -7.63	25.55 0.98 -9.20	26.09 1.15 -6.46	26.29 1.27 -5.51	26.63 1.45 -4.47	33.90 1.49 -11.07	35.83 1.41 -12.78	37.88 1.82 -6.25	35.86 1.68 -4.73	31.18 1.66 -0.31	27.45 1.43 -0.87	25.74 1.32 -2.42	23.21 1.25 -0.34
HUDSON_AVE_10 24168	26.49 1.05 -5.60	22.64 0.88 -3.02	21.07 0.76 -3.76	20.68 0.86 -2.56	20.97 0.87 -1.92	22.56 0.80 -2.66	26.05 1.04 -0.27	29.09 1.24 -3.05	28.05 1.35 -3.03	27.16 1.27 -4.34	26.03 1.17 -4.62	25.73 1.02 -7.63	25.52 0.95 -9.20	26.04 1.09 -6.46	26.25 1.23 -5.51	26.56 1.39 -4.47	33.84 1.43 -11.07	35.79 1.36 -12.78	37.79 1.73 -6.25	35.77 1.59 -4.73	31.09 1.58 -0.31	27.37 1.36 -0.87	25.69 1.28 -2.42	23.17 1.21 -0.34
HUDSON___115KV_TB 4 355613	27.51 0.71 -6.96	23.23 0.73 -3.75	21.92 0.69 -4.68	21.16 0.72 -3.18	21.35 0.78 -2.39	23.25 0.84 -3.31	26.42 1.34 -0.34	29.76 1.17 -3.80	28.36 0.92 -3.77	27.68 0.73 -5.39	26.63 0.65 -5.75	27.08 0.51 -9.49	27.27 0.46 -11.44	27.09 0.57 -8.04	26.94 0.59 -6.85	26.89 0.62 -5.56	34.85 0.79 -12.72	38.07 0.80 -15.63	38.77 1.19 -7.77	36.54 1.21 -5.88	30.93 1.34 -0.39	27.26 1.03 -1.09	25.84 0.84 -3.01	22.95 0.91 -0.42
HUNTER MOUNT___DRP 323613	27.32 0.75 -6.73	23.14 0.77 -3.63	21.79 0.73 -4.52	21.09 0.76 -3.08	21.32 0.84 -2.31	23.18 0.88 -3.20	26.58 1.51 -0.33	29.71 1.24 -3.67	28.24 0.92 -3.64	27.48 0.71 -5.21	26.42 0.63 -5.56	26.71 0.46 -9.18	26.84 0.41 -11.06	26.77 0.52 -7.77	26.68 0.55 -6.63	26.66 0.58 -5.37	34.61 0.85 -12.42	37.58 0.80 -15.14	38.61 1.28 -7.51	36.43 1.30 -5.68	31.12 1.55 -0.37	27.27 1.08 -1.05	25.76 0.86 -2.91	23.04 1.02 -0.41
HUNTINGTON_RES_REC 323705	29.00 1.86 -7.29	23.73 1.57 -3.41	21.74 1.44 -3.76	21.13 1.31 -2.56	21.50 1.40 -1.92	23.25 1.49 -2.66	26.99 1.98 -0.27	30.13 2.28 -3.06	29.02 2.27 -3.08	28.05 2.13 -4.36	28.60 1.90 -6.47	29.43 1.64 -10.72	31.50 1.46 -14.67	32.89 1.81 -12.59	34.48 1.89 -13.08	40.31 2.15 -17.45	48.40 2.24 -24.82	46.25 2.21 -22.41	50.00 2.86 -17.32	45.83 2.77 -13.61	39.00 2.72 -7.08	33.88 2.34 -6.40	28.49 2.22 -4.28	25.39 1.97 -1.80
HUNTLEY___63 23557	20.33 0.02 -0.46	18.94 -0.06 -0.25	17.00 0.15 -0.31	17.48 0.02 -0.21	18.26 -0.07 -0.16	19.11 -0.21 -0.22	25.23 0.47 -0.02	25.20 0.15 -0.25	23.99 0.07 -0.25	22.00 0.09 -0.36	20.63 0.02 -0.38	17.88 0.17 -0.63	16.28 0.15 -0.76	19.22 0.20 -0.54	20.06 0.10 -0.46	21.06 -0.02 -0.37	22.11 -0.11 -0.88	22.79 0.11 -1.05	29.97 -0.36 -0.52	29.58 -0.27 -0.39	29.05 -0.18 -0.03	25.24 0.03 -0.07	22.39 0.20 -0.20	22.10 0.45 -0.03
HUNTLEY___64 23558	20.33 0.02 -0.46	18.94 -0.06 -0.25	17.00 0.15 -0.31	17.48 0.02 -0.21	18.26 -0.07 -0.16	19.11 -0.21 -0.22	25.23 0.47 -0.02	25.20 0.15 -0.25	23.99 0.07 -0.25	22.00 0.09 -0.36	20.63 0.02 -0.38	17.88 0.17 -0.63	16.28 0.15 -0.76	19.22 0.20 -0.54	20.06 0.10 -0.46	21.06 -0.02 -0.37	22.11 -0.11 -0.88	22.79 0.11 -1.05	29.97 -0.36 -0.52	29.58 -0.27 -0.39	29.05 -0.18 -0.03	25.24 0.03 -0.07	22.39 0.20 -0.20	22.10 0.45 -0.03
HUNTLEY___65 23559	20.33 0.02 -0.46	18.94 -0.06 -0.25	17.00 0.15 -0.31	17.48 0.02 -0.21	18.26 -0.07 -0.16	19.11 -0.21 -0.22	25.23 0.47 -0.02	25.20 0.15 -0.25	23.99 0.07 -0.25	22.00 0.09 -0.36	20.63 0.02 -0.38	17.88 0.17 -0.63	16.28 0.15 -0.76	19.22 0.20 -0.54	20.06 0.10 -0.46	21.06 -0.02 -0.37	22.11 -0.11 -0.88	22.79 0.11 -1.05	29.97 -0.36 -0.52	29.58 -0.27 -0.39	29.05 -0.18 -0.03	25.24 0.03 -0.07	22.39 0.20 -0.20	22.10 0.45 -0.03
HUNTLEY___66 23560	20.33 0.02 -0.46	18.94 -0.06 -0.25	17.00 0.15 -0.31	17.48 0.02 -0.21	18.26 -0.07 -0.16	19.11 -0.21 -0.22	25.23 0.47 -0.02	25.20 0.15 -0.25	23.99 0.07 -0.25	22.00 0.09 -0.36	20.63 0.02 -0.38	17.88 0.17 -0.63	16.28 0.15 -0.76	19.22 0.20 -0.54	20.06 0.10 -0.46	21.06 -0.02 -0.37	22.11 -0.11 -0.88	22.79 0.11 -1.05	29.97 -0.36 -0.52	29.58 -0.27 -0.39	29.05 -0.18 -0.03	25.24 0.03 -0.07	22.39 0.20 -0.20	22.10 0.45 -0.03
HUNTLEY___67 23561	20.21 -0.10 -0.47	18.79 -0.21 -0.25	16.86 0.00 -0.32	17.35 -0.12 -0.22	18.10 -0.24 -0.16	18.98 -0.34 -0.22	25.11 0.35 -0.02	25.08 0.02 -0.26	23.86 -0.07 -0.26	21.87 -0.04 -0.37	20.54 -0.08 -0.39	17.77 0.05 -0.64	16.21 0.06 -0.78	19.10 0.07 -0.55	19.93 -0.04 -0.46	20.94 -0.14 -0.38	22.02 -0.21 -0.89	22.70 0.00 -1.07	29.83 -0.51 -0.53	29.41 -0.44 -0.40	28.91 -0.32 -0.03	25.09 -0.13 -0.07	22.26 0.07 -0.20	21.97 0.32 -0.03
HUNTLEY___68 23562	20.21 -0.10 -0.47	18.79 -0.21 -0.25	16.86 0.00 -0.32	17.35 -0.12 -0.22	18.10 -0.24 -0.16	18.98 -0.34 -0.22	25.11 0.35 -0.02	25.08 0.02 -0.26	23.86 -0.07 -0.26	21.87 -0.04 -0.37	20.54 -0.08 -0.39	17.77 0.05 -0.64	16.21 0.06 -0.78	19.10 0.07 -0.55	19.93 -0.04 -0.46	20.94 -0.14 -0.38	22.02 -0.21 -0.89	22.70 0.00 -1.07	29.83 -0.51 -0.53	29.41 -0.44 -0.40	28.91 -0.32 -0.03	25.09 -0.13 -0.07	22.26 0.07 -0.20	21.97 0.32 -0.03
HYLAND___LFGE 323620	21.45 1.09 -0.51	19.90 0.88 -0.28	17.76 0.88 -0.35	18.28 0.79 -0.24	19.13 0.78 -0.18	20.20 0.86 -0.24	26.75 1.98 -0.03	26.91 1.83 -0.28	25.56 1.61 -0.28	23.20 1.25 -0.40	21.69 1.03 -0.42	18.64 0.87 -0.70	16.99 0.78 -0.84	19.91 0.83 -0.59	20.89 0.88 -0.51	21.95 0.83 -0.41	23.30 0.98 -0.97	24.19 1.39 -1.16	32.11 1.73 -0.57	31.80 1.91 -0.43	31.51 2.28 -0.03	27.13 1.91 -0.08	23.76 1.54 -0.22	23.12 1.47 -0.03
INDECK___CORINTH 23802	28.57 1.43 -7.30	23.97 1.29 -3.94	22.56 1.11 -4.91	21.73 1.14 -3.34	21.90 1.22 -2.51	23.92 1.36 -3.47	27.15 2.05 -0.35	30.77 1.98 -3.98	29.47 1.85 -3.95	28.80 1.59 -5.65	27.72 1.46 -6.03	28.20 1.18 -9.95	28.28 0.92 -11.99	28.00 1.09 -8.43	27.82 1.13 -7.19	27.65 1.12 -5.83	35.69 1.19 -13.15	39.35 1.36 -16.35	39.87 1.91 -8.15	37.56 1.94 -6.16	31.68 2.07 -0.40	28.16 1.89 -1.14	26.67 1.52 -3.16	23.55 1.49 -0.44
INDECK___ILION 23567	20.00 0.16 0.00	18.95 0.21 0.00	16.71 0.17 0.00	17.43 0.17 0.00	18.36 0.18 0.00	19.31 0.21 0.00	25.09 0.35 0.00	25.07 0.27 0.00	23.91 0.24 0.00	21.75 0.19 0.00	20.37 0.14 0.00	17.19 0.12 0.00	15.45 0.08 0.00	18.54 0.06 0.00	19.56 0.06 0.00	20.79 0.08 0.00	21.43 0.09 0.00	21.79 0.15 0.00	30.05 0.24 0.00	29.69 0.24 0.00	29.49 0.29 0.00	25.39 0.25 0.00	22.21 0.22 0.00	21.88 0.26 0.00

INDECK___OLEAN 23982	19.86 -0.52 -0.54	18.47 -0.56 -0.29	16.39 -0.51 -0.36	17.02 -0.48 -0.25	17.76 -0.60 -0.18	18.68 -0.67 -0.25	25.19 0.42 -0.03	24.77 -0.32 -0.29	23.70 -0.26 -0.29	21.73 -0.24 -0.41	20.37 -0.30 -0.44	17.68 -0.12 -0.73	16.15 -0.09 -0.88	18.90 -0.20 -0.62	19.80 -0.23 -0.53	20.70 -0.44 -0.43	21.91 -0.45 -1.01	22.64 -0.22 -1.21	29.37 -1.04 -0.60	28.90 -1.00 -0.45	29.06 -0.17 -0.03	25.15 -0.08 -0.08	21.85 -0.37 -0.23	21.84 0.19 -0.03
INDECK___OSWEGO 23783	20.35 0.22 -0.28	19.14 0.24 -0.15	16.91 0.18 -0.19	17.59 0.21 -0.13	18.51 0.24 -0.10	19.52 0.29 -0.13	25.42 0.67 -0.01	25.55 0.59 -0.15	24.39 0.57 -0.15	22.16 0.39 -0.22	20.77 0.30 -0.23	17.73 0.27 -0.39	16.09 0.26 -0.46	19.09 0.28 -0.33	20.08 0.29 -0.28	21.16 0.23 -0.23	22.15 0.28 -0.54	22.69 0.41 -0.64	30.67 0.54 -0.32	30.28 0.59 -0.24	29.92 0.70 -0.02	25.71 0.53 -0.04	22.53 0.42 -0.12	22.07 0.43 -0.02
INDECK___YERKES 23781	20.27 -0.04 -0.46	18.96 -0.04 -0.25	16.80 -0.05 -0.31	17.48 0.02 -0.21	18.23 -0.11 -0.16	19.07 -0.25 -0.22	25.41 0.64 -0.02	25.10 0.05 -0.25	24.02 0.10 -0.25	22.02 0.11 -0.36	20.65 0.04 -0.38	17.89 0.19 -0.63	16.30 0.17 -0.76	19.11 0.09 -0.53	20.06 0.10 -0.46	20.95 -0.12 -0.37	22.02 -0.19 -0.88	22.73 0.04 -1.05	29.58 -0.74 -0.52	29.31 -0.53 -0.39	29.11 -0.12 -0.03	25.14 -0.08 -0.07	22.22 0.02 -0.20	22.12 0.47 -0.03
INDIAN POINT_GT_1 24139	26.35 1.01 -5.50	22.59 0.88 -2.97	20.97 0.73 -3.70	20.58 0.81 -2.52	20.88 0.82 -1.89	22.51 0.80 -2.61	26.05 1.04 -0.27	28.94 1.14 -3.00	27.86 1.21 -2.98	26.93 1.12 -4.26	25.85 1.07 -4.54	25.49 0.92 -7.50	25.25 0.85 -9.04	25.82 0.98 -6.35	26.03 1.11 -5.42	26.34 1.24 -4.39	33.50 1.28 -10.88	35.48 1.28 -12.56	37.62 1.67 -6.14	35.66 1.56 -4.65	31.00 1.49 -0.30	27.30 1.31 -0.86	25.52 1.14 -2.38	23.07 1.12 -0.33
INDIAN POINT_GT_2 23659	26.35 1.01 -5.50	22.59 0.88 -2.97	20.97 0.73 -3.70	20.58 0.81 -2.52	20.88 0.82 -1.89	22.51 0.80 -2.61	26.05 1.04 -0.27	28.94 1.14 -3.00	27.86 1.21 -2.98	26.93 1.12 -4.26	25.85 1.07 -4.54	25.49 0.92 -7.50	25.25 0.85 -9.04	25.82 0.98 -6.35	26.03 1.11 -5.42	26.34 1.24 -4.39	33.50 1.28 -10.88	35.48 1.28 -12.56	37.62 1.67 -6.14	35.66 1.56 -4.65	31.00 1.49 -0.30	27.30 1.31 -0.86	25.52 1.14 -2.38	23.07 1.12 -0.33
INDIAN POINT_GT_3 24019	26.35 1.01 -5.50	22.59 0.88 -2.97	20.97 0.73 -3.70	20.58 0.81 -2.52	20.88 0.82 -1.89	22.51 0.80 -2.61	26.05 1.04 -0.27	28.94 1.14 -3.00	27.86 1.21 -2.98	26.93 1.12 -4.26	25.85 1.07 -4.54	25.49 0.92 -7.50	25.25 0.85 -9.04	25.82 0.98 -6.35	26.03 1.11 -5.42	26.34 1.24 -4.39	33.50 1.28 -10.88	35.48 1.28 -12.56	37.62 1.67 -6.14	35.66 1.56 -4.65	31.00 1.49 -0.30	27.30 1.31 -0.86	25.52 1.14 -2.38	23.07 1.12 -0.33
INDIAN POINT___2 23530	26.21 0.99 -5.37	22.51 0.86 -2.90	20.93 0.78 -3.61	20.51 0.79 -2.46	20.86 0.84 -1.85	22.47 0.82 -2.55	26.04 1.04 -0.26	28.90 1.17 -2.93	27.77 1.18 -2.91	26.82 1.10 -4.16	25.72 1.05 -4.44	25.29 0.89 -7.33	25.03 0.83 -8.83	25.75 1.05 -6.21	25.89 1.09 -5.29	26.26 1.26 -4.29	33.29 1.32 -10.62	35.23 1.32 -12.28	37.51 1.70 -6.00	35.55 1.56 -4.54	30.93 1.43 -0.30	27.28 1.31 -0.84	25.51 1.19 -2.33	23.05 1.10 -0.33
INDIAN POINT___3 23531	26.32 0.97 -5.50	22.58 0.86 -2.97	20.97 0.73 -3.70	20.57 0.79 -2.52	20.87 0.80 -1.89	22.50 0.78 -2.62	26.02 1.01 -0.27	28.92 1.12 -3.00	27.84 1.18 -2.98	26.92 1.10 -4.26	25.83 1.05 -4.55	25.47 0.89 -7.51	25.24 0.83 -9.04	25.80 0.96 -6.36	26.02 1.09 -5.42	26.32 1.22 -4.39	33.46 1.24 -10.89	35.44 1.23 -12.57	37.57 1.61 -6.15	35.60 1.50 -4.65	30.94 1.43 -0.31	27.26 1.26 -0.86	25.50 1.12 -2.38	23.05 1.10 -0.33
INGHAM_C_115KV_TB7 356103	20.12 0.28 0.00	19.06 0.32 0.00	16.81 0.26 0.00	17.53 0.28 0.00	18.47 0.29 0.00	19.42 0.32 0.00	25.24 0.49 0.00	25.14 0.35 0.00	23.98 0.31 0.00	21.79 0.24 0.00	20.39 0.16 0.00	17.19 0.12 0.00	15.43 0.06 0.00	18.49 0.00 0.00	19.49 -0.02 0.00	20.71 0.00 0.00	21.36 0.02 0.00	21.73 0.09 0.00	30.05 0.24 0.00	29.69 0.24 0.00	29.55 0.35 0.00	25.46 0.33 0.00	22.30 0.31 0.00	22.01 0.39 0.00
IP CORINTH___1 23988	28.55 1.41 -7.30	23.97 1.29 -3.94	22.49 1.04 -4.91	21.66 1.07 -3.34	21.88 1.20 -2.51	23.92 1.36 -3.47	27.15 2.05 -0.35	30.74 1.96 -3.98	29.47 1.85 -3.95	28.80 1.59 -5.65	27.72 1.46 -6.03	28.20 1.18 -9.95	28.28 0.92 -11.99	28.02 1.11 -8.43	27.83 1.13 -7.19	27.61 1.08 -5.83	35.65 1.15 -13.15	39.29 1.30 -16.35	39.84 1.88 -8.15	37.53 1.91 -6.16	31.65 2.04 -0.40	28.09 1.81 -1.14	26.63 1.47 -3.16	23.55 1.49 -0.44
IP___TICONDEROGA 23804	29.46 2.32 -7.29	24.82 2.14 -3.93	23.18 1.74 -4.90	22.33 1.74 -3.34	22.66 1.98 -2.51	24.84 2.27 -3.47	28.61 3.51 -0.35	32.08 3.30 -3.98	30.75 3.12 -3.95	29.83 2.63 -5.65	28.66 2.41 -6.02	28.97 1.95 -9.95	28.87 1.52 -11.98	28.72 1.81 -8.42	28.58 1.89 -7.18	28.44 1.91 -5.82	36.52 2.05 -13.13	40.31 2.34 -16.33	41.26 3.31 -8.14	39.00 3.39 -6.16	33.43 3.83 -0.40	29.42 3.14 -1.14	27.68 2.53 -3.16	24.48 2.42 -0.44
ISLIP_RES_REC 323679	29.38 2.24 -7.29	24.09 1.93 -3.41	22.06 1.75 -3.76	21.44 1.62 -2.56	21.83 1.73 -1.92	23.58 1.82 -2.66	27.44 2.43 -0.27	30.61 2.75 -3.06	29.47 2.72 -3.08	28.41 2.50 -4.36	28.92 2.23 -6.47	29.69 1.89 -10.72	31.71 1.68 -14.67	33.17 2.09 -12.59	34.81 2.22 -13.08	40.64 2.48 -17.45	48.72 2.56 -24.82	46.58 2.53 -22.41	50.48 3.34 -17.32	46.33 3.27 -13.61	39.52 3.24 -7.08	34.33 2.79 -6.40	28.89 2.62 -4.28	25.77 2.36 -1.80
JAMAICA__27_KV_LOAD 355505	26.57 1.13 -5.60	22.70 0.94 -3.02	21.10 0.79 -3.76	20.73 0.91 -2.56	21.01 0.91 -1.92	22.62 0.86 -2.66	26.18 1.16 -0.27	29.27 1.41 -3.05	28.26 1.56 -3.03	27.35 1.47 -4.34	26.13 1.27 -4.62	25.83 1.13 -7.63	25.60 1.03 -9.20	26.11 1.16 -6.46	26.32 1.31 -5.51	26.67 1.49 -4.47	33.92 1.52 -11.07	35.89 1.47 -12.78	37.91 1.85 -6.25	35.92 1.74 -4.73	31.21 1.69 -0.31	27.42 1.41 -0.87	25.85 1.43 -2.42	23.25 1.30 -0.34
JANIS___SOLAR 323808	21.32 0.68 -0.80	19.89 0.71 -0.43	17.66 0.58 -0.54	18.24 0.62 -0.37	19.16 0.71 -0.27	20.32 0.84 -0.38	26.37 1.58 -0.04	26.95 1.69 -0.46	25.62 1.49 -0.46	23.22 1.01 -0.66	21.74 0.81 -0.70	18.90 0.67 -1.16	17.29 0.52 -1.40	20.09 0.63 -0.98	20.82 0.53 -0.79	21.95 0.60 -0.64	23.60 0.75 -1.51	24.47 1.02 -1.81	32.20 1.49 -0.89	31.66 1.53 -0.68	30.97 1.72 -0.04	26.62 1.36 -0.13	23.37 1.03 -0.35	22.70 1.04 -0.05
JARVIS____ 23743	19.90 0.06 0.00	18.82 0.08 0.00	16.59 0.05 0.00	17.31 0.05 0.00	18.23 0.05 0.00	19.18 0.08 0.00	24.89 0.15 0.00	24.92 0.12 0.00	23.79 0.12 0.00	21.64 0.09 0.00	20.31 0.08 0.00	17.12 0.05 0.00	15.42 0.05 0.00	18.54 0.06 0.00	19.56 0.06 0.00	20.77 0.06 0.00	21.43 0.09 0.00	21.75 0.11 0.00	29.96 0.15 0.00	29.60 0.15 0.00	29.35 0.15 0.00	25.26 0.13 0.00	22.11 0.11 0.00	21.73 0.11 0.00

JENNISON___1 23625	21.58 0.69 -1.04	20.06 0.75 -0.56	17.89 0.65 -0.70	18.37 0.64 -0.48	19.26 0.73 -0.36	20.47 0.88 -0.49	26.43 1.63 -0.05	27.85 2.48 -0.57	26.46 2.23 -0.56	24.00 1.64 -0.81	22.49 1.40 -0.86	19.65 1.16 -1.42	17.99 0.91 -1.71	20.83 1.15 -1.20	21.23 0.70 -1.03	22.37 0.83 -0.83	24.23 0.92 -1.97	25.16 1.17 -2.36	32.64 1.67 -1.16	32.01 1.68 -0.88	31.01 1.75 -0.06	26.71 1.41 -0.16	23.59 1.14 -0.45	22.76 1.08 -0.06
JENNISON___2 23626	21.58 0.69 -1.04	20.06 0.75 -0.56	17.89 0.65 -0.70	18.37 0.64 -0.48	19.26 0.73 -0.36	20.47 0.88 -0.49	26.43 1.63 -0.05	27.85 2.48 -0.57	26.46 2.23 -0.56	24.00 1.64 -0.81	22.49 1.40 -0.86	19.65 1.16 -1.42	17.99 0.91 -1.71	20.83 1.15 -1.20	21.23 0.70 -1.03	22.37 0.83 -0.83	24.23 0.92 -1.97	25.16 1.17 -2.36	32.64 1.67 -1.16	32.01 1.68 -0.88	31.01 1.75 -0.06	26.71 1.41 -0.16	23.59 1.14 -0.45	22.76 1.08 -0.06
JERICHO_RISE_WT_PWR 323719	19.71 -0.14 0.00	18.65 -0.09 0.00	16.53 -0.02 0.00	17.26 0.00 0.00	18.19 0.02 0.00	19.14 0.04 0.00	24.17 -0.57 0.00	24.38 -0.42 0.00	23.20 -0.47 0.00	21.06 -0.49 0.00	19.71 -0.53 0.00	16.53 -0.55 0.00	14.82 -0.55 0.00	17.84 -0.65 0.00	18.80 -0.70 0.00	20.03 -0.68 0.00	20.61 -0.73 0.00	20.90 -0.74 0.00	29.60 -0.21 0.00	29.28 -0.18 0.00	28.91 -0.29 0.00	24.81 -0.33 0.00	21.71 -0.29 0.00	21.29 -0.32 0.00
KATONAH___115KV_46KV_TB4 355592	26.79 1.23 -5.72	22.94 1.11 -3.08	21.25 0.86 -3.84	20.80 0.93 -2.62	21.07 0.93 -1.96	22.77 0.95 -2.72	26.26 1.24 -0.28	29.28 1.36 -3.12	28.21 1.44 -3.10	27.30 1.31 -4.43	26.27 1.32 -4.72	25.96 1.09 -7.80	25.75 0.98 -9.40	26.23 1.15 -6.60	26.41 1.27 -5.63	26.68 1.41 -4.56	34.15 1.52 -11.29	36.21 1.51 -13.06	38.28 2.09 -6.38	36.25 1.97 -4.83	31.42 1.90 -0.32	27.69 1.66 -0.89	25.79 1.32 -2.47	23.24 1.28 -0.35
KCE_NY_1 323755	28.32 1.19 -7.28	23.76 1.09 -3.93	22.38 0.94 -4.90	21.55 0.97 -3.33	21.69 1.02 -2.50	23.69 1.13 -3.46	26.75 1.66 -0.35	30.36 1.59 -3.98	29.09 1.47 -3.95	28.49 1.29 -5.65	27.42 1.17 -6.02	27.98 0.97 -9.94	28.17 0.83 -11.97	27.90 1.00 -8.41	27.73 1.05 -7.18	27.64 1.12 -5.82	35.62 1.17 -13.10	39.23 1.28 -16.31	39.74 1.79 -8.14	37.43 1.83 -6.15	31.50 1.90 -0.40	27.91 1.63 -1.14	26.49 1.34 -3.15	23.31 1.25 -0.44
KCE_NY_6_ESR 323823	20.29 -0.04 -0.49	18.93 -0.07 -0.26	16.79 -0.08 -0.33	17.44 -0.03 -0.22	18.20 -0.15 -0.17	19.08 -0.25 -0.23	25.51 0.74 -0.02	25.19 0.12 -0.26	24.10 0.17 -0.26	22.10 0.17 -0.38	20.73 0.10 -0.40	17.96 0.22 -0.66	16.38 0.22 -0.80	19.19 0.15 -0.56	20.14 0.16 -0.48	21.04 -0.06 -0.39	22.13 -0.13 -0.92	22.87 0.13 -1.10	29.76 -0.60 -0.54	29.42 -0.44 -0.41	29.32 0.09 -0.03	25.32 0.10 -0.08	22.29 0.09 -0.21	22.19 0.54 -0.03
KEDC_PORT_JEFF_GT2 24210	29.18 2.04 -7.29	23.92 1.76 -3.41	21.89 1.59 -3.76	21.30 1.48 -2.56	21.68 1.58 -1.92	23.42 1.66 -2.66	27.24 2.23 -0.27	30.33 2.48 -3.06	29.23 2.48 -3.08	28.18 2.26 -4.36	28.72 2.02 -6.47	29.52 1.72 -10.72	31.56 1.52 -14.67	32.97 1.89 -12.59	34.60 2.01 -13.08	40.37 2.22 -17.45	48.42 2.26 -24.82	46.21 2.16 -22.41	49.85 2.71 -17.32	45.80 2.74 -13.61	39.12 2.83 -7.08	34.05 2.51 -6.40	28.67 2.40 -4.28	25.58 2.16 -1.80
KEDC_PORT_JEFF_GT3 24211	29.18 2.04 -7.29	23.92 1.76 -3.41	21.89 1.59 -3.76	21.30 1.48 -2.56	21.68 1.58 -1.92	23.42 1.66 -2.66	27.24 2.23 -0.27	30.33 2.48 -3.06	29.23 2.48 -3.08	28.18 2.26 -4.36	28.72 2.02 -6.47	29.52 1.72 -10.72	31.56 1.52 -14.67	32.97 1.89 -12.59	34.60 2.01 -13.08	40.37 2.22 -17.45	48.42 2.26 -24.82	46.21 2.16 -22.41	49.85 2.71 -17.32	45.80 2.74 -13.61	39.12 2.83 -7.08	34.05 2.51 -6.40	28.67 2.40 -4.28	25.58 2.16 -1.80
KEDC_GLWD_GT4 24219	28.56 1.43 -7.29	23.39 1.24 -3.41	21.42 1.11 -3.77	20.90 1.09 -2.56	21.24 1.15 -1.92	22.93 1.17 -2.66	26.55 1.53 -0.27	29.54 1.69 -3.06	28.48 1.73 -3.08	27.53 1.62 -4.36	28.22 1.52 -6.47	29.09 1.30 -10.72	31.22 1.18 -14.67	32.56 1.48 -12.59	34.13 1.54 -13.08	39.79 1.64 -17.45	47.87 1.71 -24.82	45.71 1.67 -22.41	49.31 2.18 -17.33	45.12 2.06 -13.61	38.21 1.93 -7.08	33.40 1.86 -6.40	27.97 1.69 -4.28	24.98 1.56 -1.80
KEDC_GLWD_GT5 24220	28.56 1.43 -7.29	23.39 1.24 -3.41	21.42 1.11 -3.77	20.90 1.09 -2.56	21.24 1.15 -1.92	22.93 1.17 -2.66	26.55 1.53 -0.27	29.54 1.69 -3.06	28.48 1.73 -3.08	27.53 1.62 -4.36	28.22 1.52 -6.47	29.09 1.30 -10.72	31.22 1.18 -14.67	32.56 1.48 -12.59	34.13 1.54 -13.08	39.79 1.64 -17.45	47.87 1.71 -24.82	45.71 1.67 -22.41	49.31 2.18 -17.33	45.12 2.06 -13.61	38.21 1.93 -7.08	33.40 1.86 -6.40	27.97 1.69 -4.28	24.98 1.56 -1.80
KENSICO____ 23655	26.47 1.05 -5.57	22.67 0.92 -3.01	21.07 0.78 -3.75	20.67 0.86 -2.55	20.96 0.87 -1.92	22.59 0.84 -2.65	26.10 1.09 -0.27	29.06 1.22 -3.04	27.97 1.28 -3.02	27.08 1.21 -4.32	25.97 1.13 -4.61	25.65 0.97 -7.60	25.44 0.91 -9.16	25.98 1.05 -6.44	26.17 1.17 -5.49	26.49 1.33 -4.45	33.71 1.34 -11.03	35.70 1.32 -12.74	37.77 1.73 -6.23	35.78 1.62 -4.71	31.09 1.58 -0.31	27.37 1.36 -0.87	25.64 1.23 -2.41	23.14 1.19 -0.34
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.77 0.93 -4.99	22.30 0.86 -2.69	20.60 0.69 -3.36	20.32 0.78 -2.28	20.65 0.76 -1.72	22.18 0.71 -2.37	25.90 0.92 -0.24	28.49 0.97 -2.73	27.37 0.99 -2.70	26.33 0.91 -3.87	25.19 0.83 -4.13	24.58 0.70 -6.81	24.22 0.65 -8.21	25.01 0.76 -5.77	25.32 0.90 -4.92	25.75 1.06 -3.99	32.12 1.11 -9.67	34.10 1.10 -11.36	36.94 1.55 -5.58	35.11 1.44 -4.22	30.85 1.37 -0.28	27.07 1.16 -0.78	25.17 1.01 -2.16	22.98 1.06 -0.30
KIAC_JFK_GT1 23816	26.47 1.03 -5.60	22.59 0.82 -3.02	21.00 0.69 -3.76	20.63 0.81 -2.56	20.92 0.82 -1.92	22.50 0.74 -2.66	26.03 1.01 -0.27	29.14 1.29 -3.05	28.12 1.42 -3.03	27.25 1.36 -4.34	26.03 1.17 -4.62	25.73 1.02 -7.63	25.52 0.95 -9.20	26.02 1.07 -6.46	26.23 1.21 -5.51	26.56 1.39 -4.47	33.73 1.32 -11.07	35.68 1.26 -12.78	37.64 1.58 -6.25	35.65 1.47 -4.73	31.06 1.55 -0.31	27.29 1.28 -0.87	25.74 1.32 -2.42	23.12 1.17 -0.34
KIAC_JFK_GT2 23817	26.47 1.03 -5.60	22.59 0.82 -3.02	21.00 0.69 -3.76	20.63 0.81 -2.56	20.92 0.82 -1.92	22.50 0.74 -2.66	26.03 1.01 -0.27	29.14 1.29 -3.05	28.12 1.42 -3.03	27.25 1.36 -4.34	26.03 1.17 -4.62	25.73 1.02 -7.63	25.52 0.95 -9.20	26.02 1.07 -6.46	26.23 1.21 -5.51	26.56 1.39 -4.47	33.73 1.32 -11.07	35.68 1.26 -12.78	37.64 1.58 -6.25	35.65 1.47 -4.73	31.06 1.55 -0.31	27.29 1.28 -0.87	25.74 1.32 -2.42	23.12 1.17 -0.34
KIAC_JFK____ 323774	26.49 1.05 -5.60	22.59 0.82 -3.02	21.13 0.83 -3.76	20.64 0.83 -2.56	20.95 0.85 -1.92	22.56 0.80 -2.66	26.08 1.06 -0.27	29.17 1.31 -3.05	28.15 1.44 -3.03	27.22 1.34 -4.34	26.03 1.17 -4.62	25.73 1.02 -7.63	25.52 0.95 -9.20	26.17 1.22 -6.46	26.23 1.21 -5.51	26.60 1.43 -4.47	33.88 1.47 -11.07	35.79 1.36 -12.78	37.76 1.70 -6.25	35.89 1.71 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.82 1.41 -2.42	23.12 1.17 -0.34

KINTIGH____ 23543	20.20 -0.06 -0.42	18.84 -0.13 -0.22	16.86 0.03 -0.28	17.38 -0.07 -0.19	18.15 -0.16 -0.14	19.03 -0.27 -0.20	25.01 0.25 -0.02	25.12 0.10 -0.23	23.90 0.00 -0.23	21.87 0.00 -0.32	20.53 -0.04 -0.34	17.71 0.07 -0.57	16.13 0.08 -0.68	19.06 0.09 -0.48	19.92 0.00 -0.41	20.94 -0.10 -0.33	22.00 -0.13 -0.79	22.63 0.04 -0.94	29.92 -0.36 -0.47	29.51 -0.29 -0.35	28.90 -0.32 -0.02	25.18 -0.03 -0.07	22.31 0.13 -0.18	21.88 0.24 -0.03
KNTFSRNC_46_KV_46KV_LOAD 80397	20.00 0.16 0.00	18.93 0.19 0.00	16.72 0.18 0.00	17.51 0.26 0.00	18.47 0.29 0.00	19.42 0.32 0.00	24.47 -0.27 0.00	24.67 -0.12 0.00	23.48 -0.19 0.00	21.31 -0.24 0.00	19.91 -0.32 0.00	16.70 -0.38 0.00	14.95 -0.41 0.00	18.04 -0.44 0.00	18.98 -0.53 0.00	20.25 -0.46 0.00	20.85 -0.49 0.00	21.23 -0.41 0.00	30.08 0.27 0.00	29.78 0.32 0.00	29.35 0.15 0.00	25.16 0.03 0.00	21.97 -0.02 0.00	21.53 -0.09 0.00
LACHUTE__HYDRO 323717	29.46 2.32 -7.29	24.82 2.14 -3.93	23.23 1.79 -4.90	22.47 1.88 -3.34	22.70 2.02 -2.51	24.84 2.27 -3.47	28.59 3.49 -0.35	32.12 3.35 -3.98	30.77 3.15 -3.95	29.83 2.63 -5.65	28.66 2.41 -6.02	28.96 1.95 -9.95	28.88 1.52 -11.98	28.70 1.79 -8.42	28.58 1.89 -7.18	28.48 1.95 -5.82	36.57 2.09 -13.13	40.35 2.38 -16.33	41.32 3.37 -8.14	39.03 3.41 -6.16	33.49 3.88 -0.40	29.54 3.27 -1.14	27.72 2.57 -3.16	24.48 2.42 -0.44
LAWRNCV_115KV_TB1 80681	19.25 -0.60 0.00	18.30 -0.45 0.00	16.13 -0.41 0.00	16.84 -0.41 0.00	17.78 -0.40 0.00	18.72 -0.38 0.00	23.85 -0.89 0.00	23.95 -0.84 0.00	22.82 -0.85 0.00	20.78 -0.78 0.00	19.46 -0.77 0.00	16.39 -0.68 0.00	14.72 -0.65 0.00	17.75 -0.74 0.00	18.71 -0.80 0.00	19.90 -0.81 0.00	20.49 -0.85 0.00	20.77 -0.87 0.00	28.89 -0.92 0.00	28.54 -0.91 0.00	28.18 -1.02 0.00	24.16 -0.98 0.00	21.05 -0.95 0.00	20.73 -0.89 0.00
LEDERLE____ 23769	26.12 1.03 -5.25	22.49 0.92 -2.83	20.85 0.78 -3.53	20.50 0.85 -2.40	20.83 0.85 -1.80	22.43 0.84 -2.49	26.09 1.09 -0.26	28.83 1.17 -2.86	27.74 1.23 -2.84	26.76 1.14 -4.07	25.64 1.07 -4.33	25.15 0.92 -7.16	24.84 0.85 -8.62	25.54 1.00 -6.06	25.81 1.13 -5.17	26.16 1.26 -4.19	33.01 1.30 -10.36	34.92 1.30 -11.98	37.37 1.70 -5.86	35.47 1.59 -4.43	31.01 1.52 -0.29	27.29 1.33 -0.82	25.45 1.19 -2.27	23.10 1.17 -0.32
LIGHTHSE_115KV_TB6 355974	20.14 0.04 -0.25	18.92 0.04 -0.14	16.75 0.03 -0.17	17.39 0.02 -0.12	18.32 0.05 -0.09	19.35 0.13 -0.12	25.20 0.45 -0.01	25.36 0.42 -0.14	24.19 0.38 -0.14	21.94 0.19 -0.20	20.54 0.10 -0.21	17.50 0.09 -0.35	15.85 0.06 -0.42	18.82 0.04 -0.29	19.78 0.02 -0.25	20.89 -0.02 -0.20	21.82 0.00 -0.48	22.39 0.17 -0.57	30.39 0.30 -0.28	29.99 0.32 -0.21	29.54 0.32 -0.01	25.43 0.25 -0.04	22.37 0.26 -0.11	21.85 0.22 -0.02
LINDEN COGEN____ 23786	26.43 0.99 -5.60	22.59 0.82 -3.02	21.12 0.81 -3.76	20.66 0.85 -2.56	20.99 0.89 -1.92	22.54 0.78 -2.66	26.01 0.99 -0.27	28.99 1.14 -3.05	27.91 1.21 -3.03	27.01 1.12 -4.34	25.93 1.07 -4.62	25.64 0.94 -7.63	25.43 0.86 -9.20	26.08 1.13 -6.46	26.15 1.13 -5.51	26.54 1.37 -4.47	33.86 1.45 -11.07	35.76 1.34 -12.78	37.70 1.64 -6.25	35.77 1.59 -4.73	31.00 1.49 -0.31	27.34 1.33 -0.87	25.67 1.25 -2.42	23.08 1.12 -0.34
LINDHRST_69_KV_BK1 356055	29.08 1.94 -7.29	23.84 1.69 -3.41	21.68 1.37 -3.76	21.23 1.41 -2.56	21.55 1.45 -1.92	23.33 1.57 -2.66	26.82 1.81 -0.27	30.16 2.31 -3.06	29.09 2.34 -3.08	28.09 2.18 -4.36	28.68 1.98 -6.47	29.47 1.67 -10.72	31.54 1.51 -14.67	32.85 1.77 -12.59	34.54 1.95 -13.08	40.35 2.20 -17.45	48.36 2.20 -24.82	46.21 2.16 -22.41	50.03 2.89 -17.33	45.86 2.80 -13.61	39.12 2.83 -7.08	33.90 2.36 -6.40	28.49 2.22 -4.28	25.52 2.10 -1.80
LIPA_MISC_IPP 23656	29.22 2.08 -7.29	23.97 1.82 -3.41	21.80 1.49 -3.76	21.35 1.54 -2.56	21.66 1.56 -1.92	23.42 1.66 -2.66	26.94 1.93 -0.27	30.33 2.48 -3.06	29.23 2.49 -3.08	28.20 2.28 -4.36	28.70 2.00 -6.47	29.50 1.71 -10.72	31.53 1.49 -14.67	32.87 1.79 -12.59	34.60 2.01 -13.08	40.39 2.24 -17.45	48.40 2.24 -24.82	46.30 2.25 -22.41	50.12 2.98 -17.33	45.92 2.86 -13.61	39.23 2.95 -7.08	34.03 2.49 -6.40	28.62 2.35 -4.28	25.65 2.23 -1.80
LISF__SOLAR 323691	29.24 2.10 -7.29	24.01 1.86 -3.41	21.96 1.65 -3.76	21.39 1.57 -2.56	21.77 1.67 -1.92	23.52 1.76 -2.66	27.34 2.33 -0.27	30.43 2.58 -3.06	29.28 2.53 -3.08	28.20 2.28 -4.36	28.72 2.02 -6.47	29.50 1.71 -10.72	31.54 1.51 -14.67	32.97 1.89 -12.59	34.62 2.03 -13.08	40.46 2.30 -17.45	48.55 2.39 -24.82	46.40 2.36 -22.41	50.27 3.13 -17.32	46.09 3.03 -13.61	39.29 3.01 -7.08	34.13 2.59 -6.40	28.73 2.46 -4.28	25.69 2.27 -1.80
LITTLE FALLS__HYD 24013	20.12 0.28 0.00	19.06 0.32 0.00	16.81 0.26 0.00	17.53 0.28 0.00	18.47 0.29 0.00	19.42 0.32 0.00	25.24 0.49 0.00	25.14 0.35 0.00	23.98 0.31 0.00	21.79 0.24 0.00	20.39 0.16 0.00	17.19 0.12 0.00	15.43 0.06 0.00	18.49 0.00 0.00	19.49 -0.02 0.00	20.71 0.00 0.00	21.36 0.02 0.00	21.73 0.09 0.00	30.05 0.24 0.00	29.69 0.24 0.00	29.55 0.35 0.00	25.46 0.33 0.00	22.30 0.31 0.00	22.01 0.39 0.00
LITTLRIV_115KV_TB1 356100	19.33 -0.52 0.00	18.43 -0.32 0.00	16.21 -0.33 0.00	16.94 -0.31 0.00	17.90 -0.27 0.00	18.87 -0.23 0.00	24.10 -0.64 0.00	24.13 -0.67 0.00	23.01 -0.66 0.00	20.88 -0.67 0.00	19.58 -0.65 0.00	16.49 -0.58 0.00	14.78 -0.58 0.00	17.84 -0.65 0.00	18.80 -0.70 0.00	20.03 -0.68 0.00	20.61 -0.73 0.00	20.95 -0.69 0.00	29.13 -0.69 0.00	28.80 -0.65 0.00	28.41 -0.79 0.00	24.33 -0.80 0.00	21.18 -0.81 0.00	20.84 -0.78 0.00
LI_NEWBRDGE__DRP 323616	28.58 1.45 -7.29	23.41 1.26 -3.41	21.30 0.99 -3.76	20.85 1.04 -2.56	21.15 1.05 -1.92	22.89 1.13 -2.66	26.30 1.29 -0.27	29.54 1.69 -3.06	28.50 1.75 -3.08	27.55 1.64 -4.36	28.18 1.48 -6.47	29.06 1.26 -10.72	31.17 1.14 -14.67	32.41 1.33 -12.59	34.05 1.46 -13.08	39.79 1.64 -17.45	47.82 1.66 -24.82	45.67 1.62 -22.41	49.28 2.15 -17.33	45.09 2.03 -13.61	38.30 2.01 -7.08	33.27 1.73 -6.40	27.92 1.65 -4.28	25.00 1.58 -1.80
LOCKPORT_115KV_TB60_63_64 80432	20.17 -0.12 -0.45	18.78 -0.21 -0.24	16.84 0.00 -0.30	17.32 -0.14 -0.20	18.09 -0.24 -0.15	18.95 -0.36 -0.21	25.11 0.35 -0.02	25.07 0.02 -0.24	23.84 -0.07 -0.24	21.86 -0.04 -0.35	20.52 -0.08 -0.37	17.75 0.07 -0.61	16.17 0.06 -0.74	19.08 0.07 -0.52	19.91 -0.04 -0.44	20.92 -0.14 -0.36	21.97 -0.21 -0.85	22.63 -0.02 -1.01	29.80 -0.51 -0.50	29.42 -0.41 -0.38	28.88 -0.35 -0.02	25.11 -0.10 -0.07	22.25 0.07 -0.19	21.95 0.30 -0.03
LOCKPORT__CC1 323769	20.09 -0.20 -0.45	18.80 -0.19 -0.24	16.66 -0.18 -0.30	17.32 -0.14 -0.21	18.06 -0.27 -0.15	18.91 -0.40 -0.21	25.26 0.49 -0.02	24.94 -0.10 -0.24	23.84 -0.07 -0.24	21.86 -0.04 -0.35	20.52 -0.08 -0.37	17.75 0.07 -0.61	16.17 0.06 -0.74	18.97 -0.04 -0.52	19.91 -0.04 -0.44	20.80 -0.27 -0.36	21.87 -0.32 -0.85	22.55 -0.11 -1.02	29.39 -0.92 -0.50	29.12 -0.71 -0.38	28.93 -0.29 -0.02	24.96 -0.25 -0.07	22.08 -0.11 -0.19	21.97 0.32 -0.03

LOCKPORT___CC2 323770	20.09 -0.20 -0.45	18.80 -0.19 -0.24	16.66 -0.18 -0.30	17.32 -0.14 -0.21	18.06 -0.27 -0.15	18.91 -0.40 -0.21	25.26 0.49 -0.02	24.94 -0.10 -0.24	23.84 -0.07 -0.24	21.86 -0.04 -0.35	20.52 -0.08 -0.37	17.75 0.07 -0.61	16.17 0.06 -0.74	18.97 -0.04 -0.52	19.91 -0.04 -0.44	20.80 -0.27 -0.36	21.87 -0.32 -0.85	22.55 -0.11 -1.02	29.39 -0.92 -0.50	29.12 -0.71 -0.38	28.93 -0.29 -0.02	24.96 -0.25 -0.07	22.08 -0.11 -0.19	21.97 0.32 -0.03
LOCKPORT___CC3 323771	20.09 -0.20 -0.45	18.80 -0.19 -0.24	16.66 -0.18 -0.30	17.32 -0.14 -0.21	18.06 -0.27 -0.15	18.91 -0.40 -0.21	25.26 0.49 -0.02	24.94 -0.10 -0.24	23.84 -0.07 -0.24	21.86 -0.04 -0.35	20.52 -0.08 -0.37	17.75 0.07 -0.61	16.17 0.06 -0.74	18.97 -0.04 -0.52	19.91 -0.04 -0.44	20.80 -0.27 -0.36	21.87 -0.32 -0.85	22.55 -0.11 -1.02	29.39 -0.92 -0.50	29.12 -0.71 -0.38	28.93 -0.29 -0.02	24.96 -0.25 -0.07	22.08 -0.11 -0.19	21.97 0.32 -0.03
LONG_LAKE_PHOENIX 24014	20.29 0.16 -0.29	19.07 0.17 -0.15	16.92 0.18 -0.19	17.54 0.16 -0.13	18.46 0.18 -0.10	19.46 0.23 -0.14	25.28 0.52 -0.01	25.40 0.45 -0.16	24.25 0.43 -0.16	22.05 0.28 -0.22	20.69 0.22 -0.24	17.65 0.19 -0.39	16.04 0.20 -0.47	19.04 0.22 -0.33	20.00 0.21 -0.28	21.10 0.17 -0.23	22.10 0.21 -0.54	22.61 0.32 -0.65	30.55 0.42 -0.32	30.16 0.47 -0.24	29.74 0.53 -0.02	25.61 0.43 -0.04	22.49 0.37 -0.12	22.00 0.37 -0.02
LOVETT___3 23632	26.08 0.95 -5.28	22.44 0.84 -2.85	20.80 0.71 -3.55	20.45 0.78 -2.42	20.77 0.78 -1.81	22.37 0.76 -2.51	25.99 0.99 -0.26	28.77 1.09 -2.88	27.67 1.14 -2.86	26.70 1.06 -4.09	25.60 1.01 -4.36	25.14 0.87 -7.20	24.85 0.80 -8.68	25.53 0.94 -6.10	25.76 1.05 -5.20	26.13 1.20 -4.22	32.99 1.22 -10.43	34.91 1.21 -12.06	37.26 1.55 -5.90	35.35 1.44 -4.46	30.90 1.40 -0.29	27.20 1.23 -0.83	25.38 1.10 -2.28	23.02 1.08 -0.32
LOVETT___4 23642	26.08 0.95 -5.28	22.44 0.84 -2.85	20.80 0.71 -3.55	20.45 0.78 -2.42	20.77 0.78 -1.81	22.37 0.76 -2.51	25.99 0.99 -0.26	28.77 1.09 -2.88	27.67 1.14 -2.86	26.70 1.06 -4.09	25.60 1.01 -4.36	25.14 0.87 -7.20	24.85 0.80 -8.68	25.53 0.94 -6.10	25.76 1.05 -5.20	26.13 1.20 -4.22	32.99 1.22 -10.43	34.91 1.21 -12.06	37.26 1.55 -5.90	35.35 1.44 -4.46	30.90 1.40 -0.29	27.20 1.23 -0.83	25.38 1.10 -2.28	23.02 1.08 -0.32
LOVETT___5 23593	26.08 0.95 -5.28	22.44 0.84 -2.85	20.80 0.71 -3.55	20.45 0.78 -2.42	20.77 0.78 -1.81	22.37 0.76 -2.51	25.99 0.99 -0.26	28.77 1.09 -2.88	27.67 1.14 -2.86	26.70 1.06 -4.09	25.60 1.01 -4.36	25.14 0.87 -7.20	24.85 0.80 -8.68	25.53 0.94 -6.10	25.76 1.05 -5.20	26.13 1.20 -4.22	32.99 1.22 -10.43	34.91 1.21 -12.06	37.26 1.55 -5.90	35.35 1.44 -4.46	30.90 1.40 -0.29	27.20 1.23 -0.83	25.38 1.10 -2.28	23.02 1.08 -0.32
LOWER RAQUET___HYD 24057	19.17 -0.67 0.00	18.22 -0.52 0.00	16.01 -0.53 0.00	16.79 -0.47 0.00	17.72 -0.45 0.00	18.66 -0.44 0.00	23.73 -1.02 0.00	23.86 -0.94 0.00	22.72 -0.95 0.00	20.67 -0.88 0.00	19.36 -0.87 0.00	16.30 -0.77 0.00	14.63 -0.74 0.00	17.65 -0.83 0.00	18.59 -0.92 0.00	19.78 -0.93 0.00	20.34 -1.00 0.00	20.60 -1.04 0.00	28.80 -1.01 0.00	28.42 -1.03 0.00	28.03 -1.17 0.00	24.03 -1.11 0.00	20.96 -1.03 0.00	20.62 -0.99 0.00
LOWER___HUDSON 24059	27.87 0.81 -7.21	23.42 0.79 -3.89	22.07 0.68 -4.85	21.26 0.71 -3.30	21.40 0.75 -2.48	23.35 0.82 -3.43	26.21 1.11 -0.35	29.82 1.09 -3.94	28.57 0.99 -3.90	28.02 0.88 -5.59	27.02 0.83 -5.96	27.61 0.70 -9.83	27.83 0.62 -11.85	27.53 0.72 -8.33	27.37 0.76 -7.10	27.29 0.83 -5.76	35.01 0.85 -12.81	38.65 0.91 -16.11	39.12 1.25 -8.05	36.81 1.27 -6.09	30.86 1.25 -0.40	27.40 1.13 -1.13	26.08 0.97 -3.12	22.98 0.93 -0.44
LOWVILLE_115KV_TB2 356335	19.73 -0.24 -0.13	18.66 -0.15 -0.07	16.46 -0.17 -0.08	17.14 -0.17 -0.06	18.09 -0.13 -0.04	19.16 0.00 -0.06	24.95 0.20 -0.01	25.19 0.32 -0.07	23.98 0.24 -0.07	21.69 0.04 -0.10	20.15 -0.18 -0.10	17.06 -0.19 -0.17	15.33 -0.25 -0.21	18.34 -0.30 -0.15	19.30 -0.33 -0.12	20.52 -0.29 -0.10	21.36 -0.21 -0.24	22.05 0.13 -0.28	30.31 0.36 -0.14	29.91 0.35 -0.11	29.30 0.09 -0.01	25.13 -0.03 -0.02	21.96 -0.09 -0.05	21.67 0.04 -0.01
LUTHERFT_115KV_GLOB_FND_222 355753	28.30 1.17 -7.28	23.74 1.07 -3.93	22.32 0.88 -4.90	21.50 0.91 -3.33	21.68 1.00 -2.50	23.67 1.11 -3.46	26.75 1.66 -0.35	30.34 1.56 -3.98	29.08 1.47 -3.95	28.47 1.27 -5.65	27.42 1.17 -6.02	27.98 0.97 -9.94	28.17 0.83 -11.97	27.90 1.00 -8.41	27.72 1.03 -7.18	27.58 1.06 -5.82	35.55 1.11 -13.10	39.16 1.21 -16.31	39.68 1.73 -8.14	37.34 1.74 -6.15	31.45 1.84 -0.40	27.84 1.56 -1.14	26.44 1.30 -3.15	23.31 1.25 -0.44
LUTHERNY_35_KV_BK2 355980	28.30 1.17 -7.28	23.76 1.09 -3.93	22.33 0.89 -4.90	21.50 0.91 -3.33	21.70 1.02 -2.50	23.69 1.13 -3.46	26.78 1.68 -0.35	30.34 1.56 -3.98	29.08 1.47 -3.95	28.49 1.29 -5.65	27.42 1.17 -6.02	27.98 0.97 -9.94	28.17 0.83 -11.97	27.90 1.00 -8.41	27.74 1.05 -7.18	27.58 1.06 -5.82	35.57 1.13 -13.10	39.19 1.23 -16.31	39.68 1.73 -8.14	37.37 1.77 -6.15	31.47 1.87 -0.40	27.86 1.58 -1.14	26.47 1.32 -3.15	23.31 1.25 -0.44
LWR___OSWEGATCHIE_HYD 23850	19.35 -0.50 0.00	18.35 -0.39 0.00	16.16 -0.38 0.00	16.88 -0.38 0.00	17.83 -0.35 0.00	18.81 -0.29 0.00	24.30 -0.45 0.00	24.43 -0.37 0.00	23.27 -0.40 0.00	21.08 -0.47 0.00	19.66 -0.57 0.00	16.56 -0.51 0.00	14.85 -0.52 0.00	17.88 -0.61 0.00	18.84 -0.66 0.00	20.05 -0.66 0.00	20.70 -0.64 0.00	21.16 -0.48 0.00	29.39 -0.42 0.00	29.04 -0.41 0.00	28.62 -0.58 0.00	24.53 -0.60 0.00	21.40 -0.59 0.00	21.06 -0.56 0.00
LYONS_FALL_HYD 23570	19.90 -0.06 -0.12	18.85 0.04 -0.06	16.61 -0.02 -0.08	17.29 -0.02 -0.05	18.25 0.04 -0.04	19.31 0.15 -0.06	25.14 0.39 -0.01	25.26 0.40 -0.06	24.09 0.36 -0.06	21.82 0.17 -0.09	20.33 0.00 -0.10	17.22 -0.02 -0.16	15.49 -0.08 -0.19	18.53 -0.09 -0.14	19.51 -0.12 -0.12	20.74 -0.06 -0.09	21.56 0.00 -0.22	22.15 0.24 -0.27	30.39 0.45 -0.13	29.99 0.44 -0.10	29.53 0.32 -0.01	25.33 0.18 -0.02	22.13 0.09 -0.05	21.82 0.19 -0.01
MADISON___COUNTY_LFGE 323628	20.34 0.30 -0.19	19.23 0.37 -0.10	16.97 0.30 -0.13	17.65 0.31 -0.09	18.61 0.36 -0.07	19.65 0.46 -0.09	25.57 0.82 -0.01	25.62 0.72 -0.11	24.44 0.66 -0.11	22.15 0.45 -0.15	20.76 0.36 -0.16	17.64 0.31 -0.26	15.93 0.25 -0.32	19.02 0.31 -0.22	20.01 0.31 -0.19	21.22 0.35 -0.15	22.09 0.38 -0.37	22.60 0.52 -0.44	30.77 0.75 -0.22	30.35 0.74 -0.16	29.97 0.76 -0.01	25.77 0.60 -0.03	22.56 0.48 -0.08	22.15 0.52 -0.01
MALONE___115KV_TB1 356076	19.74 -0.10 0.00	18.73 -0.02 0.00	16.54 0.00 0.00	17.32 0.07 0.00	18.27 0.09 0.00	19.21 0.11 0.00	24.35 -0.40 0.00	24.52 -0.27 0.00	23.34 -0.33 0.00	21.21 -0.34 0.00	19.83 -0.40 0.00	16.65 -0.43 0.00	14.91 -0.46 0.00	17.99 -0.50 0.00	18.94 -0.57 0.00	20.19 -0.52 0.00	20.79 -0.55 0.00	21.12 -0.52 0.00	29.69 -0.12 0.00	29.39 -0.06 0.00	29.00 -0.20 0.00	24.84 -0.30 0.00	21.66 -0.33 0.00	21.27 -0.35 0.00

MAPLEWOD_115KV_TB3 80458	27.68 0.65 -7.18	23.28 0.66 -3.88	21.97 0.60 -4.83	21.18 0.64 -3.29	21.33 0.69 -2.47	23.26 0.74 -3.42	26.16 1.06 -0.35	29.71 0.99 -3.92	28.44 0.88 -3.89	27.87 0.75 -5.57	26.86 0.69 -5.94	27.44 0.56 -9.80	27.70 0.52 -11.81	27.41 0.63 -8.30	27.21 0.62 -7.08	27.09 0.64 -5.74	34.93 0.66 -12.93	38.44 0.71 -16.09	38.85 1.01 -8.02	36.55 1.03 -6.07	30.65 1.05 -0.40	27.17 0.90 -1.12	25.87 0.77 -3.11	22.83 0.78 -0.44
MAPLE_RIDGE_WT_1 323574	19.63 -0.22 0.00	18.56 -0.19 0.00	16.38 -0.17 0.00	17.07 -0.19 0.00	17.99 -0.18 0.00	18.91 -0.19 0.00	24.57 -0.17 0.00	24.63 -0.17 0.00	23.46 -0.21 0.00	21.29 -0.26 0.00	19.97 -0.26 0.00	16.82 -0.26 0.00	15.11 -0.26 0.00	18.15 -0.33 0.00	19.19 -0.31 0.00	20.44 -0.27 0.00	21.15 -0.19 0.00	21.53 -0.11 0.00	29.75 -0.06 0.00	29.39 -0.06 0.00	29.14 -0.06 0.00	25.11 -0.03 0.00	21.97 -0.02 0.00	21.62 0.00 0.00
MAPLE_RIDGE_WT_2 323611	19.63 -0.22 0.00	18.56 -0.19 0.00	16.38 -0.17 0.00	17.07 -0.19 0.00	17.99 -0.18 0.00	18.91 -0.19 0.00	24.57 -0.17 0.00	24.63 -0.17 0.00	23.46 -0.21 0.00	21.29 -0.26 0.00	19.97 -0.26 0.00	16.82 -0.26 0.00	15.11 -0.26 0.00	18.15 -0.33 0.00	19.19 -0.31 0.00	20.44 -0.27 0.00	21.15 -0.19 0.00	21.53 -0.11 0.00	29.75 -0.06 0.00	29.39 -0.06 0.00	29.14 -0.06 0.00	25.11 -0.03 0.00	21.97 -0.02 0.00	21.62 0.00 0.00
MARBLE_RIVER_WT_PWR 323696	19.74 -0.10 0.00	18.69 -0.06 0.00	16.58 0.03 0.00	17.29 0.03 0.00	18.23 0.05 0.00	19.18 0.08 0.00	24.20 -0.54 0.00	24.43 -0.37 0.00	23.25 -0.43 0.00	21.10 -0.45 0.00	19.73 -0.50 0.00	16.54 -0.53 0.00	14.82 -0.55 0.00	17.84 -0.65 0.00	18.80 -0.70 0.00	20.03 -0.68 0.00	20.61 -0.73 0.00	20.90 -0.74 0.00	29.66 -0.15 0.00	29.33 -0.12 0.00	28.97 -0.23 0.00	24.89 -0.25 0.00	21.75 -0.24 0.00	21.34 -0.28 0.00
MARSHVLE_115KV_TB1 80742	28.35 1.17 -7.34	23.81 1.11 -3.96	22.35 0.88 -4.94	21.49 0.88 -3.36	21.73 1.04 -2.52	23.79 1.20 -3.49	27.08 1.98 -0.36	30.71 1.91 -4.01	29.42 1.78 -3.97	28.68 1.44 -5.69	27.57 1.27 -6.06	28.11 1.02 -10.01	28.34 0.91 -12.06	27.94 0.98 -8.48	27.81 1.07 -7.23	27.71 1.14 -5.86	35.96 1.28 -13.34	39.56 1.45 -16.47	40.10 2.09 -8.20	37.77 2.12 -6.20	32.09 2.48 -0.41	28.20 1.91 -1.15	26.64 1.47 -3.18	23.32 1.25 -0.44
MARSH_HILL_WT_PWR 323713	20.84 0.40 -0.60	19.44 0.37 -0.32	17.23 0.28 -0.40	17.89 0.36 -0.27	18.73 0.34 -0.21	19.71 0.32 -0.29	26.01 1.24 -0.03	25.92 0.79 -0.33	24.73 0.73 -0.32	22.57 0.56 -0.46	21.17 0.44 -0.49	18.31 0.43 -0.81	16.72 0.37 -0.98	19.54 0.37 -0.69	20.49 0.39 -0.59	21.48 0.29 -0.48	22.80 0.32 -1.13	23.62 0.63 -1.36	30.90 0.42 -0.67	30.49 0.53 -0.51	30.26 1.02 -0.03	26.09 0.86 -0.09	22.91 0.66 -0.26	22.58 0.93 -0.04
MCINTYRE_115KV_TB2 80467	19.49 -0.36 0.00	18.56 -0.19 0.00	16.33 -0.22 0.00	17.07 -0.19 0.00	18.03 -0.15 0.00	19.00 -0.10 0.00	24.32 -0.42 0.00	24.38 -0.42 0.00	23.22 -0.45 0.00	21.08 -0.47 0.00	19.79 -0.45 0.00	16.65 -0.43 0.00	14.92 -0.45 0.00	18.00 -0.48 0.00	19.00 -0.51 0.00	20.25 -0.46 0.00	20.83 -0.51 0.00	21.16 -0.48 0.00	29.42 -0.39 0.00	29.07 -0.38 0.00	28.73 -0.47 0.00	24.59 -0.55 0.00	21.36 -0.64 0.00	21.01 -0.61 0.00
MECO____69_KV_BK1 80468	28.57 1.39 -7.34	24.19 1.48 -3.96	22.67 1.19 -4.94	21.80 1.19 -3.36	22.11 1.42 -2.52	24.25 1.66 -3.49	27.85 2.75 -0.36	31.01 2.21 -4.01	29.66 2.01 -3.97	28.88 1.64 -5.69	27.73 1.44 -6.06	28.23 1.14 -10.01	28.45 1.01 -12.06	28.14 1.18 -8.48	28.02 1.29 -7.23	27.96 1.39 -5.86	36.26 1.58 -13.34	39.91 1.80 -16.47	40.57 2.56 -8.20	38.27 2.62 -6.20	32.56 2.95 -0.41	28.55 2.26 -1.15	26.91 1.74 -3.18	23.75 1.69 -0.44
MENANDS_115KV_TB5 355628	27.56 0.54 -7.18	23.20 0.58 -3.87	21.91 0.55 -4.83	21.11 0.57 -3.28	21.26 0.62 -2.47	23.18 0.67 -3.41	26.03 0.94 -0.35	29.61 0.89 -3.92	28.29 0.73 -3.89	27.74 0.62 -5.56	26.75 0.59 -5.93	27.34 0.48 -9.79	27.61 0.45 -11.80	27.31 0.54 -8.29	27.10 0.53 -7.07	26.98 0.54 -5.73	34.81 0.55 -12.92	38.30 0.58 -16.08	38.63 0.80 -8.02	36.34 0.82 -6.06	30.48 0.88 -0.40	27.01 0.75 -1.12	25.76 0.66 -3.11	22.72 0.67 -0.43
MG INDUSTRY__DRP 24185	27.58 0.67 -7.06	23.23 0.67 -3.81	21.92 0.63 -4.75	21.14 0.66 -3.23	21.31 0.71 -2.43	23.22 0.76 -3.36	26.17 1.09 -0.34	29.64 0.99 -3.85	28.35 0.85 -3.82	27.73 0.71 -5.47	26.73 0.67 -5.83	27.25 0.55 -9.63	27.47 0.49 -11.60	27.25 0.61 -8.16	27.09 0.62 -6.96	27.01 0.66 -5.64	34.96 0.68 -12.94	38.25 0.74 -15.87	38.74 1.04 -7.89	36.48 1.06 -5.97	30.70 1.11 -0.39	27.17 0.93 -1.10	25.84 0.79 -3.06	22.85 0.80 -0.43
MID__OSWEGATCHIE_HYD 23849	19.35 -0.50 0.00	18.35 -0.39 0.00	16.16 -0.38 0.00	16.88 -0.38 0.00	17.83 -0.35 0.00	18.81 -0.29 0.00	24.30 -0.45 0.00	24.43 -0.37 0.00	23.27 -0.40 0.00	21.08 -0.47 0.00	19.66 -0.57 0.00	16.56 -0.51 0.00	14.85 -0.52 0.00	17.88 -0.61 0.00	18.84 -0.66 0.00	20.05 -0.66 0.00	20.70 -0.64 0.00	21.16 -0.48 0.00	29.39 -0.42 0.00	29.04 -0.41 0.00	28.62 -0.58 0.00	24.53 -0.60 0.00	21.40 -0.59 0.00	21.06 -0.56 0.00
MID__RAQUETTE_HYD 23851	19.17 -0.67 0.00	18.22 -0.52 0.00	16.06 -0.48 0.00	16.79 -0.47 0.00	17.72 -0.45 0.00	18.66 -0.44 0.00	23.75 -0.99 0.00	23.86 -0.94 0.00	22.72 -0.95 0.00	20.67 -0.88 0.00	19.36 -0.87 0.00	16.30 -0.77 0.00	14.63 -0.74 0.00	17.64 -0.85 0.00	18.59 -0.92 0.00	19.80 -0.91 0.00	20.38 -0.96 0.00	20.69 -0.95 0.00	28.77 -1.04 0.00	28.45 -1.00 0.00	28.06 -1.14 0.00	24.06 -1.08 0.00	20.96 -1.03 0.00	20.62 -0.99 0.00
MILLIKEN__1 23584	20.82 0.38 -0.60	19.42 0.36 -0.32	17.27 0.33 -0.40	17.84 0.31 -0.27	18.74 0.36 -0.20	19.78 0.40 -0.28	25.56 0.79 -0.03	25.89 0.77 -0.33	24.70 0.71 -0.32	22.53 0.52 -0.46	21.13 0.40 -0.49	18.23 0.34 -0.81	16.67 0.32 -0.98	19.56 0.39 -0.69	20.48 0.39 -0.59	21.58 0.39 -0.48	22.92 0.45 -1.13	23.57 0.58 -1.35	31.28 0.80 -0.67	30.78 0.82 -0.50	30.14 0.91 -0.03	25.99 0.75 -0.09	22.89 0.64 -0.26	22.24 0.58 -0.04
MILLIKEN__2 23585	20.82 0.38 -0.60	19.42 0.36 -0.32	17.27 0.33 -0.40	17.84 0.31 -0.27	18.74 0.36 -0.20	19.78 0.40 -0.28	25.56 0.79 -0.03	25.89 0.77 -0.33	24.70 0.71 -0.32	22.53 0.52 -0.46	21.13 0.40 -0.49	18.23 0.34 -0.81	16.67 0.32 -0.98	19.56 0.39 -0.69	20.48 0.39 -0.59	21.58 0.39 -0.48	22.92 0.45 -1.13	23.57 0.58 -1.35	31.28 0.80 -0.67	30.78 0.82 -0.50	30.14 0.91 -0.03	25.99 0.75 -0.09	22.89 0.64 -0.26	22.24 0.58 -0.04
MILLIKEN__DIESEL 23629	20.82 0.38 -0.60	19.42 0.36 -0.32	17.27 0.33 -0.40	17.84 0.31 -0.27	18.74 0.36 -0.20	19.78 0.40 -0.28	25.56 0.79 -0.03	25.89 0.77 -0.33	24.70 0.71 -0.32	22.53 0.52 -0.46	21.13 0.40 -0.49	18.23 0.34 -0.81	16.67 0.32 -0.98	19.56 0.39 -0.69	20.48 0.39 -0.59	21.58 0.39 -0.48	22.92 0.45 -1.13	23.57 0.58 -1.35	31.28 0.80 -0.67	30.78 0.82 -0.50	30.14 0.91 -0.03	25.99 0.75 -0.09	22.89 0.64 -0.26	22.24 0.58 -0.04

MILLSEAT___LFGE 323607	20.38 0.10 -0.44	19.06 0.08 -0.24	16.88 0.05 -0.29	17.56 0.10 -0.20	18.31 -0.02 -0.15	19.21 -0.10 -0.21	25.65 0.89 -0.02	25.41 0.37 -0.24	24.26 0.36 -0.24	22.21 0.32 -0.34	20.83 0.24 -0.36	17.99 0.32 -0.59	16.37 0.29 -0.71	19.23 0.24 -0.50	20.21 0.27 -0.43	21.12 0.06 -0.35	22.21 0.04 -0.82	22.91 0.28 -0.99	30.03 -0.27 -0.49	29.73 -0.09 -0.37	29.52 0.29 -0.02	25.43 0.23 -0.07	22.45 0.26 -0.19	22.25 0.60 -0.03
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	26.41 1.03 -5.54	22.63 0.90 -2.99	21.01 0.74 -3.72	20.62 0.83 -2.53	20.91 0.84 -1.90	22.55 0.82 -2.63	26.08 1.06 -0.27	28.99 1.17 -3.02	27.90 1.23 -3.00	27.01 1.16 -4.29	25.90 1.09 -4.58	25.57 0.94 -7.55	25.33 0.86 -9.10	25.90 1.02 -6.40	26.09 1.13 -5.46	26.39 1.26 -4.42	33.60 1.30 -10.96	35.57 1.28 -12.65	37.67 1.67 -6.19	35.69 1.56 -4.68	31.03 1.52 -0.31	27.34 1.33 -0.87	25.58 1.19 -2.40	23.10 1.15 -0.34
MILLWOOD_13_KV_LOAD 356217	26.49 1.11 -5.54	22.71 0.97 -2.99	21.06 0.79 -3.72	20.65 0.86 -2.53	20.95 0.87 -1.90	22.59 0.86 -2.63	26.13 1.11 -0.27	29.06 1.24 -3.02	27.97 1.30 -3.00	27.05 1.21 -4.29	25.98 1.17 -4.58	25.62 0.99 -7.55	25.38 0.91 -9.10	25.95 1.07 -6.40	26.15 1.19 -5.46	26.46 1.33 -4.42	33.68 1.39 -10.96	35.68 1.38 -12.65	37.82 1.82 -6.19	35.84 1.71 -4.68	31.17 1.66 -0.31	27.46 1.46 -0.87	25.62 1.23 -2.40	23.14 1.19 -0.34
MODEL_CITY_ENERGY 24167	19.90 -0.40 -0.45	18.60 -0.39 -0.24	16.48 -0.36 -0.30	17.15 -0.31 -0.21	17.88 -0.45 -0.16	18.70 -0.61 -0.22	24.99 0.22 -0.02	24.67 -0.37 -0.25	23.58 -0.33 -0.24	21.62 -0.28 -0.35	20.30 -0.30 -0.37	17.57 -0.12 -0.62	16.00 -0.11 -0.74	18.77 -0.24 -0.52	19.70 -0.25 -0.45	20.57 -0.50 -0.36	21.64 -0.55 -0.86	22.32 -0.35 -1.03	29.07 -1.25 -0.51	28.80 -1.03 -0.38	28.58 -0.64 -0.03	24.66 -0.55 -0.07	21.86 -0.33 -0.20	21.73 0.09 -0.03
MODERN_LFGE___ 323580	19.90 -0.40 -0.45	18.60 -0.39 -0.24	16.48 -0.36 -0.30	17.15 -0.31 -0.21	17.88 -0.45 -0.16	18.70 -0.61 -0.22	24.99 0.22 -0.02	24.67 -0.37 -0.25	23.58 -0.33 -0.24	21.62 -0.28 -0.35	20.30 -0.30 -0.37	17.57 -0.12 -0.62	16.00 -0.11 -0.74	18.77 -0.24 -0.52	19.70 -0.25 -0.45	20.57 -0.50 -0.36	21.64 -0.55 -0.86	22.32 -0.35 -1.03	29.07 -1.25 -0.51	28.80 -1.03 -0.38	28.58 -0.64 -0.03	24.66 -0.55 -0.07	21.86 -0.33 -0.20	21.73 0.09 -0.03
MOHAWK_PAPER___DRP 24187	27.68 0.65 -7.18	23.28 0.66 -3.88	21.97 0.60 -4.83	21.18 0.64 -3.29	21.33 0.69 -2.47	23.26 0.74 -3.42	26.16 1.06 -0.35	29.71 0.99 -3.92	28.44 0.88 -3.89	27.87 0.75 -5.57	26.86 0.69 -5.94	27.44 0.56 -9.80	27.70 0.52 -11.81	27.41 0.63 -8.30	27.21 0.62 -7.08	27.09 0.64 -5.74	34.93 0.66 -12.93	38.44 0.71 -16.09	38.85 1.01 -8.02	36.55 1.03 -6.07	30.65 1.05 -0.40	27.17 0.90 -1.12	25.87 0.77 -3.11	22.83 0.78 -0.44
MOHICAN__35_KV_115KV_LD 80490	28.58 1.45 -7.29	23.99 1.31 -3.93	22.52 1.08 -4.90	21.68 1.09 -3.33	21.90 1.22 -2.50	23.96 1.39 -3.47	27.22 2.13 -0.35	30.76 1.98 -3.98	29.49 1.87 -3.95	28.79 1.59 -5.65	27.73 1.48 -6.02	28.21 1.20 -9.94	28.30 0.95 -11.98	28.05 1.15 -8.42	27.88 1.19 -7.18	27.67 1.14 -5.82	35.70 1.24 -13.12	39.35 1.38 -16.33	39.95 2.00 -8.14	37.64 2.03 -6.16	31.80 2.19 -0.40	28.16 1.89 -1.14	26.69 1.54 -3.15	23.57 1.51 -0.44
MONGAUP___HYD 23641	25.50 0.87 -4.78	22.11 0.79 -2.58	20.44 0.68 -3.22	20.17 0.72 -2.19	20.56 0.75 -1.64	22.06 0.69 -2.27	25.89 0.92 -0.23	28.40 0.99 -2.61	27.21 0.95 -2.59	26.10 0.84 -3.71	24.97 0.79 -3.95	24.24 0.65 -6.52	23.84 0.62 -7.86	24.78 0.78 -5.52	25.04 0.82 -4.71	25.50 0.97 -3.82	31.77 1.00 -9.43	33.64 1.08 -10.92	36.55 1.40 -5.34	34.88 1.38 -4.04	30.75 1.28 -0.27	27.02 1.13 -0.75	25.05 0.99 -2.07	22.86 0.95 -0.29
MONTAUK___DIESEL 23721	30.03 2.90 -7.29	24.74 2.59 -3.41	22.44 2.13 -3.76	22.01 2.19 -2.56	22.33 2.24 -1.92	24.19 2.43 -2.66	27.88 2.87 -0.27	31.40 3.55 -3.06	30.28 3.53 -3.08	29.15 3.23 -4.36	29.25 2.55 -6.47	29.96 2.17 -10.72	31.94 1.91 -14.67	33.43 2.35 -12.59	35.55 2.96 -13.08	41.47 3.31 -17.45	49.55 3.39 -24.82	47.49 3.44 -22.41	51.76 4.62 -17.33	47.51 4.45 -13.61	40.69 4.41 -7.08	35.21 3.67 -6.40	29.57 3.30 -4.28	26.53 3.11 -1.80
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.83 0.48 -0.51	19.36 0.34 -0.28	17.35 0.46 -0.35	17.84 0.35 -0.23	18.64 0.29 -0.18	19.61 0.27 -0.24	26.05 1.29 -0.02	26.00 0.92 -0.28	24.83 0.88 -0.28	22.75 0.80 -0.40	21.34 0.69 -0.42	18.49 0.72 -0.70	16.87 0.66 -0.84	19.86 0.78 -0.59	20.67 0.66 -0.51	21.74 0.62 -0.41	22.87 0.55 -0.97	23.58 0.78 -1.16	30.95 0.57 -0.57	30.59 0.71 -0.43	30.11 0.88 -0.03	26.00 0.78 -0.08	23.03 0.81 -0.22	22.71 1.06 -0.03
MORTIMER_115KV_TB3 55949	20.43 0.20 -0.38	19.07 0.11 -0.21	17.00 0.20 -0.26	17.53 0.10 -0.18	18.36 0.05 -0.13	19.32 0.04 -0.18	25.31 0.54 -0.02	25.50 0.50 -0.21	24.28 0.40 -0.21	22.17 0.32 -0.30	20.83 0.28 -0.32	17.89 0.29 -0.52	16.28 0.28 -0.63	19.26 0.33 -0.44	20.18 0.29 -0.38	21.24 0.23 -0.31	22.28 0.21 -0.73	22.88 0.37 -0.87	30.54 0.30 -0.43	30.10 0.32 -0.32	29.54 0.32 -0.02	25.63 0.43 -0.06	22.62 0.46 -0.17	22.05 0.41 -0.02
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	26.55 1.11 -5.60	22.70 0.94 -3.02	21.10 0.79 -3.76	20.71 0.90 -2.56	21.01 0.91 -1.92	22.60 0.84 -2.66	26.10 1.09 -0.27	29.12 1.26 -3.05	28.05 1.35 -3.03	27.16 1.27 -4.34	26.07 1.21 -4.62	25.75 1.04 -7.63	25.53 0.97 -9.20	26.08 1.13 -6.46	26.27 1.25 -5.51	26.58 1.41 -4.47	33.86 1.45 -11.07	35.83 1.41 -12.78	37.85 1.79 -6.25	35.86 1.68 -4.73	31.15 1.64 -0.31	27.42 1.41 -0.87	25.71 1.30 -2.42	23.19 1.23 -0.34
MUNSVILLE_WIND_PWR 323609	21.76 0.99 -0.92	20.39 1.14 -0.50	18.02 0.86 -0.62	18.63 0.95 -0.42	19.60 1.11 -0.32	20.91 1.38 -0.44	27.26 2.47 -0.04	28.15 2.80 -0.55	26.72 2.51 -0.54	24.12 1.79 -0.78	22.54 1.48 -0.83	19.67 1.23 -1.37	17.95 0.94 -1.65	20.81 1.17 -1.16	21.31 0.90 -0.91	22.52 1.08 -0.74	24.32 1.24 -1.74	25.32 1.60 -2.08	33.23 2.39 -1.03	32.64 2.42 -0.78	31.85 2.60 -0.05	27.32 2.04 -0.14	23.93 1.54 -0.40	23.21 1.54 -0.06
N SALMON___HYD 24042	19.74 -0.10 0.00	18.73 -0.02 0.00	16.56 0.02 0.00	17.32 0.07 0.00	18.27 0.09 0.00	19.21 0.12 0.00	24.32 -0.42 0.00	24.53 -0.27 0.00	23.34 -0.33 0.00	21.21 -0.35 0.00	19.83 -0.40 0.00	16.65 -0.43 0.00	14.91 -0.46 0.00	18.00 -0.48 0.00	18.94 -0.57 0.00	20.17 -0.54 0.00	20.74 -0.60 0.00	20.99 -0.65 0.00	29.72 -0.09 0.00	29.36 -0.09 0.00	28.97 -0.23 0.00	24.84 -0.30 0.00	21.67 -0.33 0.00	21.27 -0.35 0.00
N.AKRON__115KV_KNAPP 355671	20.44 0.16 -0.44	19.06 0.07 -0.24	17.07 0.23 -0.29	17.56 0.10 -0.20	18.36 0.04 -0.15	19.27 -0.04 -0.21	25.53 0.77 -0.02	25.51 0.47 -0.24	24.26 0.36 -0.24	22.22 0.32 -0.34	20.84 0.24 -0.36	18.00 0.32 -0.60	16.37 0.28 -0.72	19.34 0.35 -0.51	20.21 0.27 -0.43	21.22 0.17 -0.35	22.30 0.13 -0.83	22.98 0.35 -0.99	30.39 0.09 -0.49	29.97 0.15 -0.37	29.46 0.23 -0.02	25.56 0.35 -0.07	22.62 0.44 -0.19	22.25 0.61 -0.03

N.BELMOR_69_KV_BK1 55787	28.76 1.63 -7.29	23.58 1.42 -3.41	21.45 1.14 -3.76	21.01 1.19 -2.56	21.32 1.22 -1.92	23.06 1.30 -2.66	26.52 1.51 -0.27	29.71 1.86 -3.06	28.67 1.92 -3.08	27.72 1.81 -4.36	28.36 1.66 -6.47	29.19 1.40 -10.72	31.34 1.31 -14.67	32.60 1.52 -12.59	34.27 1.68 -13.08	40.04 1.88 -17.45	48.08 1.92 -24.82	45.95 1.90 -22.41	49.64 2.50 -17.33	45.48 2.42 -13.61	38.65 2.37 -7.08	33.55 2.01 -6.40	28.12 1.85 -4.28	25.19 1.77 -1.80
N.E_GEN_SANDY PD 24062	27.13 0.75 -6.53	23.00 0.73 -3.52	21.58 0.64 -4.39	20.90 0.66 -2.99	21.11 0.69 -2.24	22.95 0.74 -3.11	26.00 0.94 -0.32	29.28 0.92 -3.57	28.09 0.88 -3.54	27.43 0.82 -5.06	26.40 0.77 -5.40	26.65 0.67 -8.91	26.71 0.60 -10.74	26.77 0.74 -7.55	26.72 0.78 -6.44	26.77 0.85 -5.22	30.37 0.88 -8.15	36.25 0.89 -13.72	38.27 1.16 -7.30	36.15 1.18 -5.52	30.65 1.08 -0.36	27.14 0.98 -1.02	25.75 0.92 -2.83	22.90 0.89 -0.40
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	26.08 0.97 -5.26	22.45 0.86 -2.84	20.81 0.73 -3.54	20.46 0.79 -2.41	20.78 0.80 -1.81	22.38 0.78 -2.50	26.01 1.01 -0.26	28.79 1.12 -2.87	27.68 1.16 -2.85	26.71 1.08 -4.08	25.61 1.03 -4.35	25.12 0.87 -7.18	24.83 0.81 -8.65	25.51 0.94 -6.08	25.76 1.07 -5.18	26.13 1.22 -4.20	32.98 1.24 -10.40	34.89 1.23 -12.02	37.30 1.61 -5.88	35.40 1.50 -4.45	30.92 1.43 -0.29	27.22 1.26 -0.82	25.39 1.12 -2.28	23.04 1.10 -0.32
N.QUEENS_27_KV_LOAD 356247	26.49 1.05 -5.60	22.64 0.88 -3.02	21.00 0.69 -3.76	20.68 0.86 -2.56	20.93 0.84 -1.92	22.41 0.65 -2.66	25.83 0.82 -0.27	28.92 1.07 -3.05	27.89 1.18 -3.03	27.05 1.16 -4.34	25.95 1.09 -4.62	25.66 0.96 -7.63	25.46 0.89 -9.20	25.95 1.00 -6.46	26.15 1.13 -5.51	26.46 1.28 -4.47	33.75 1.34 -11.07	35.70 1.28 -12.78	37.64 1.58 -6.25	35.65 1.47 -4.73	30.88 1.37 -0.31	27.17 1.16 -0.87	25.54 1.12 -2.42	22.99 1.04 -0.34
N.TROY___115KV_TB1 355778	27.85 0.79 -7.21	23.42 0.79 -3.89	22.05 0.66 -4.85	21.24 0.69 -3.30	21.40 0.75 -2.48	23.35 0.82 -3.43	26.26 1.16 -0.35	29.80 1.07 -3.94	28.57 0.99 -3.90	28.02 0.88 -5.59	27.02 0.83 -5.96	27.61 0.70 -9.83	27.83 0.61 -11.85	27.55 0.74 -8.33	27.37 0.76 -7.10	27.23 0.77 -5.76	34.94 0.79 -12.81	38.61 0.87 -16.11	39.06 1.19 -8.05	36.75 1.21 -6.09	30.86 1.26 -0.40	27.35 1.08 -1.13	26.04 0.92 -3.12	22.98 0.93 -0.44
NARROWS_GT1_1 24228	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
NARROWS_GT1_2 24229	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
NARROWS_GT1_3 24230	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
NARROWS_GT1_4 24231	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
NARROWS_GT1_5 24232	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
NARROWS_GT1_6 24233	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
NARROWS_GT1_7 24234	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
NARROWS_GT1_8 24235	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
NARROWS_GT2_1 24236	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
NARROWS_GT2_2 24237	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34

NARROWS_GT2_3 24238	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
NARROWS_GT2_4 24239	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
NARROWS_GT2_5 24240	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
NARROWS_GT2_6 24241	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
NARROWS_GT2_7 24242	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
NARROWS_GT2_8 24243	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.32 0.75 -6.73	23.14 0.77 -3.63	21.79 0.73 -4.52	21.09 0.76 -3.08	21.32 0.84 -2.31	23.18 0.88 -3.20	26.58 1.51 -0.33	29.71 1.24 -3.67	28.24 0.92 -3.64	27.48 0.71 -5.21	26.42 0.63 -5.56	26.71 0.46 -9.18	26.84 0.41 -11.06	26.77 0.52 -7.77	26.68 0.55 -6.63	26.66 0.58 -5.37	34.61 0.85 -12.42	37.58 0.80 -15.14	38.61 1.28 -7.51	36.43 1.30 -5.68	31.12 1.55 -0.37	27.27 1.08 -1.05	25.76 0.86 -2.91	23.04 1.02 -0.41
NCHELSEA_115KV_TR2 355582	26.53 1.07 -5.61	22.73 0.96 -3.03	21.11 0.79 -3.77	20.69 0.86 -2.57	20.98 0.87 -1.93	22.61 0.84 -2.67	26.13 1.11 -0.27	29.03 1.17 -3.06	27.89 1.18 -3.04	26.98 1.08 -4.35	25.90 1.03 -4.64	25.58 0.85 -7.65	25.38 0.78 -9.22	25.89 0.92 -6.48	26.09 1.05 -5.53	26.37 1.18 -4.48	33.55 1.24 -10.97	35.66 1.23 -12.79	37.81 1.73 -6.27	35.81 1.62 -4.74	31.09 1.58 -0.31	27.35 1.33 -0.88	25.59 1.17 -2.43	23.12 1.17 -0.34
NEG CAPITAL___MECHNVIL 23645	28.24 1.13 -7.26	23.69 1.03 -3.92	22.32 0.89 -4.88	21.49 0.91 -3.32	21.65 0.98 -2.50	23.64 1.09 -3.45	26.68 1.58 -0.35	30.28 1.51 -3.96	29.03 1.42 -3.93	28.41 1.23 -5.63	27.36 1.13 -6.00	27.92 0.94 -9.91	28.12 0.81 -11.94	27.83 0.96 -8.39	27.67 1.01 -7.15	27.58 1.08 -5.80	35.48 1.13 -13.01	39.14 1.25 -16.25	39.65 1.73 -8.11	37.35 1.77 -6.14	31.45 1.84 -0.40	27.83 1.56 -1.13	26.43 1.30 -3.14	23.27 1.21 -0.44
NEG CENTRAL_HIGH_ACRES 23767	19.96 -0.26 -0.38	18.71 -0.24 -0.20	16.56 -0.23 -0.25	17.20 -0.22 -0.17	18.03 -0.27 -0.13	18.97 -0.31 -0.18	24.88 0.12 -0.02	24.95 -0.05 -0.21	23.83 -0.05 -0.20	21.76 -0.09 -0.29	20.42 -0.12 -0.31	17.52 -0.07 -0.51	15.94 -0.05 -0.62	18.81 -0.11 -0.43	19.78 -0.10 -0.37	20.78 -0.23 -0.30	21.84 -0.21 -0.71	22.41 -0.09 -0.85	29.85 -0.39 -0.42	29.48 -0.29 -0.32	29.11 -0.12 -0.02	25.05 -0.15 -0.06	22.05 -0.11 -0.16	21.62 -0.02 -0.02
NEG CENTRAL___DRP 24199	20.39 0.14 -0.41	19.08 0.11 -0.22	16.95 0.13 -0.27	17.53 0.09 -0.19	18.42 0.11 -0.14	19.43 0.13 -0.19	25.28 0.52 -0.02	25.47 0.45 -0.22	24.30 0.40 -0.22	22.13 0.26 -0.32	20.77 0.20 -0.34	17.82 0.19 -0.56	16.22 0.18 -0.67	19.18 0.22 -0.47	20.10 0.20 -0.40	21.20 0.17 -0.33	22.33 0.21 -0.77	22.89 0.32 -0.92	30.66 0.39 -0.46	30.24 0.44 -0.34	29.72 0.50 -0.02	25.63 0.43 -0.06	22.57 0.40 -0.18	21.99 0.35 -0.02
NEG CENTRAL___INDECK 23768	21.11 0.75 -0.51	19.70 0.67 -0.28	17.48 0.59 -0.35	18.11 0.62 -0.24	18.95 0.60 -0.18	19.97 0.63 -0.24	26.40 1.63 -0.03	26.44 1.36 -0.28	25.16 1.21 -0.28	22.92 0.97 -0.40	21.46 0.81 -0.42	18.49 0.72 -0.70	16.86 0.65 -0.84	19.76 0.68 -0.59	20.74 0.72 -0.51	21.76 0.64 -0.41	23.04 0.73 -0.97	23.84 1.04 -1.16	31.52 1.13 -0.57	31.18 1.29 -0.43	30.86 1.63 -0.03	26.58 1.36 -0.08	23.34 1.12 -0.22	22.86 1.21 -0.03
NEG CENTRAL___SENECA 23627	20.51 0.22 -0.44	19.17 0.19 -0.24	17.07 0.23 -0.30	17.65 0.19 -0.20	18.53 0.20 -0.15	19.54 0.23 -0.21	25.48 0.72 -0.02	25.64 0.60 -0.24	24.43 0.52 -0.24	22.26 0.37 -0.34	20.90 0.30 -0.37	17.95 0.27 -0.61	16.38 0.28 -0.73	19.33 0.33 -0.51	20.24 0.29 -0.44	21.33 0.27 -0.35	22.48 0.30 -0.84	23.10 0.45 -1.01	30.85 0.54 -0.50	30.39 0.56 -0.38	29.90 0.67 -0.02	25.79 0.58 -0.07	22.69 0.51 -0.19	22.16 0.52 -0.03
NEG CENTRAL___STATE_STREET 24147	20.56 0.32 -0.40	19.13 0.17 -0.22	16.98 0.17 -0.27	17.56 0.12 -0.18	18.48 0.16 -0.14	19.48 0.19 -0.19	25.26 0.49 -0.02	25.66 0.64 -0.22	24.50 0.62 -0.22	22.32 0.45 -0.31	20.91 0.34 -0.33	17.93 0.31 -0.55	16.34 0.31 -0.66	19.32 0.37 -0.46	20.27 0.37 -0.40	21.38 0.35 -0.32	22.48 0.38 -0.76	23.05 0.50 -0.91	30.98 0.72 -0.45	30.53 0.74 -0.34	30.04 0.82 -0.02	25.88 0.68 -0.06	22.76 0.59 -0.17	21.97 0.32 -0.02
NEG MILLWOOD___DRP 24198	26.83 1.29 -5.70	22.98 1.16 -3.08	21.27 0.89 -3.83	20.83 0.97 -2.61	21.10 0.96 -1.96	22.78 0.97 -2.71	26.28 1.26 -0.28	29.27 1.36 -3.11	28.20 1.44 -3.09	27.26 1.29 -4.42	26.24 1.29 -4.71	25.91 1.06 -7.78	25.71 0.97 -9.37	26.18 1.11 -6.59	26.37 1.25 -5.62	26.65 1.39 -4.55	34.03 1.49 -11.20	36.18 1.54 -13.01	38.33 2.15 -6.37	36.27 2.00 -4.82	31.47 1.96 -0.32	27.71 1.68 -0.89	25.80 1.34 -2.47	23.28 1.32 -0.35

NEG NORTH_FLCN_SEA 23793	20.00 0.16 0.00	18.91 0.17 0.00	16.72 0.18 0.00	17.51 0.26 0.00	18.47 0.29 0.00	19.42 0.32 0.00	24.37 -0.37 0.00	24.57 -0.22 0.00	23.39 -0.28 0.00	21.23 -0.32 0.00	19.85 -0.38 0.00	16.63 -0.44 0.00	14.89 -0.48 0.00	17.97 -0.52 0.00	18.90 -0.60 0.00	20.17 -0.54 0.00	20.76 -0.58 0.00	21.14 -0.50 0.00	30.05 0.24 0.00	29.78 0.32 0.00	29.35 0.15 0.00	25.19 0.05 0.00	21.99 0.00 0.00	21.55 -0.06 0.00
NEG NORTH_KES_CHATEGAY 23792	19.76 -0.08 0.00	18.71 -0.04 0.00	16.54 0.00 0.00	17.31 0.05 0.00	18.25 0.07 0.00	19.19 0.10 0.00	24.27 -0.47 0.00	24.45 -0.35 0.00	23.27 -0.40 0.00	21.12 -0.43 0.00	19.77 -0.47 0.00	16.58 -0.50 0.00	14.85 -0.52 0.00	17.89 -0.59 0.00	18.84 -0.66 0.00	20.11 -0.60 0.00	20.70 -0.64 0.00	21.08 -0.56 0.00	29.69 -0.12 0.00	29.39 -0.06 0.00	29.00 -0.20 0.00	24.91 -0.23 0.00	21.75 -0.24 0.00	21.34 -0.28 0.00
NEG NORTH___ALICE_FALLS 23915	20.00 0.16 0.00	18.93 0.19 0.00	16.72 0.18 0.00	17.51 0.26 0.00	18.47 0.29 0.00	19.42 0.32 0.00	24.47 -0.27 0.00	24.67 -0.12 0.00	23.48 -0.19 0.00	21.31 -0.24 0.00	19.91 -0.32 0.00	16.70 -0.38 0.00	14.95 -0.41 0.00	18.04 -0.44 0.00	18.98 -0.53 0.00	20.25 -0.46 0.00	20.85 -0.49 0.00	21.23 -0.41 0.00	30.08 0.27 0.00	29.78 0.32 0.00	29.35 0.15 0.00	25.16 0.03 0.00	21.97 -0.02 0.00	21.53 -0.09 0.00
NEG NORTH___LWR_SARANAC 23913	20.00 0.16 0.00	18.93 0.19 0.00	16.72 0.18 0.00	17.51 0.26 0.00	18.47 0.29 0.00	19.42 0.32 0.00	24.47 -0.27 0.00	24.67 -0.12 0.00	23.48 -0.19 0.00	21.31 -0.24 0.00	19.91 -0.32 0.00	16.70 -0.38 0.00	14.95 -0.41 0.00	18.04 -0.44 0.00	18.98 -0.53 0.00	20.25 -0.46 0.00	20.85 -0.49 0.00	21.23 -0.41 0.00	30.08 0.27 0.00	29.78 0.32 0.00	29.35 0.15 0.00	25.16 0.03 0.00	21.97 -0.02 0.00	21.53 -0.09 0.00
NEG NORTH___PLATTSBURG 23628	20.00 0.16 0.00	18.93 0.19 0.00	16.77 0.23 0.00	17.51 0.26 0.00	18.47 0.29 0.00	19.42 0.32 0.00	24.45 -0.30 0.00	24.67 -0.12 0.00	23.48 -0.19 0.00	21.32 -0.24 0.00	19.91 -0.32 0.00	16.70 -0.38 0.00	14.95 -0.41 0.00	18.04 -0.44 0.00	18.98 -0.53 0.00	20.23 -0.48 0.00	20.81 -0.53 0.00	21.10 -0.54 0.00	30.08 0.27 0.00	29.72 0.26 0.00	29.35 0.15 0.00	25.16 0.03 0.00	21.97 -0.02 0.00	21.53 -0.09 0.00
NEG WEST_LEA_LOCKPORT 23791	20.17 -0.12 -0.45	18.80 -0.19 -0.24	16.86 0.02 -0.30	17.34 -0.12 -0.21	18.09 -0.24 -0.15	18.97 -0.34 -0.21	25.11 0.35 -0.02	25.07 0.02 -0.25	23.84 -0.07 -0.24	21.86 -0.04 -0.35	20.52 -0.08 -0.37	17.76 0.07 -0.61	16.17 0.06 -0.74	19.08 0.07 -0.52	19.91 -0.04 -0.44	20.92 -0.14 -0.36	21.98 -0.21 -0.85	22.63 -0.02 -1.02	29.81 -0.51 -0.50	29.39 -0.44 -0.38	28.88 -0.35 -0.02	25.11 -0.10 -0.07	22.26 0.07 -0.19	21.95 0.30 -0.03
NEG WEST___LANCASTR 23811	19.78 -0.58 -0.51	18.36 -0.66 -0.27	16.45 -0.43 -0.34	16.92 -0.57 -0.23	17.68 -0.67 -0.17	18.58 -0.76 -0.24	24.96 0.20 -0.02	24.60 -0.47 -0.28	23.45 -0.50 -0.28	21.49 -0.45 -0.39	20.17 -0.49 -0.42	17.48 -0.29 -0.69	15.98 -0.23 -0.84	18.80 -0.28 -0.59	19.62 -0.39 -0.50	20.62 -0.50 -0.41	21.73 -0.58 -0.96	22.40 -0.39 -1.15	29.34 -1.04 -0.57	28.94 -0.94 -0.43	28.82 -0.41 -0.03	24.61 -0.60 -0.08	21.82 -0.40 -0.22	21.78 0.13 -0.03
NEG_PENN_ALLEGHNY 23528	20.93 0.18 -0.91	19.41 0.17 -0.49	17.29 0.13 -0.61	17.83 0.15 -0.42	18.65 0.16 -0.31	19.68 0.15 -0.43	25.36 0.57 -0.04	25.68 0.40 -0.49	24.56 0.40 -0.49	22.57 0.32 -0.70	21.24 0.26 -0.74	18.54 0.24 -1.23	17.08 0.23 -1.48	19.78 0.26 -1.04	20.70 0.29 -0.90	21.71 0.27 -0.73	23.34 0.28 -1.73	24.09 0.39 -2.06	31.19 0.36 -1.02	30.58 0.35 -0.77	29.81 0.55 -0.05	25.76 0.48 -0.14	22.74 0.35 -0.39	22.11 0.43 -0.06
NEG___GEN_MONROE 24207	20.45 0.22 -0.39	19.14 0.19 -0.21	17.08 0.28 -0.26	17.62 0.19 -0.18	18.42 0.11 -0.13	19.40 0.11 -0.18	25.40 0.64 -0.02	25.48 0.47 -0.21	24.28 0.40 -0.21	22.17 0.32 -0.30	20.81 0.26 -0.32	17.89 0.29 -0.53	16.28 0.28 -0.64	19.27 0.33 -0.45	20.16 0.27 -0.38	21.20 0.19 -0.31	22.26 0.19 -0.73	22.86 0.35 -0.88	30.45 0.21 -0.43	30.04 0.27 -0.33	29.52 0.29 -0.02	25.63 0.43 -0.06	22.69 0.53 -0.17	22.16 0.52 -0.02
NEPA___ENERGY 23901	20.50 0.14 -0.52	19.01 -0.02 -0.28	17.02 0.13 -0.35	17.51 0.02 -0.24	18.28 -0.07 -0.18	19.21 -0.13 -0.25	25.46 0.69 -0.03	25.48 0.40 -0.28	24.28 0.33 -0.28	22.25 0.30 -0.40	20.88 0.22 -0.43	18.09 0.31 -0.71	16.53 0.31 -0.85	19.43 0.35 -0.60	20.31 0.29 -0.51	21.35 0.23 -0.41	22.51 0.19 -0.98	23.18 0.37 -1.17	30.39 0.00 -0.58	29.95 0.06 -0.44	29.49 0.26 -0.03	25.52 0.30 -0.08	22.61 0.40 -0.22	22.23 0.58 -0.03
NEVERSINK___HYD 23608	25.15 0.73 -4.57	21.87 0.66 -2.47	20.18 0.56 -3.07	19.93 0.59 -2.09	20.34 0.60 -1.57	21.83 0.55 -2.17	25.71 0.74 -0.22	28.14 0.84 -2.50	26.95 0.81 -2.48	25.81 0.71 -3.54	24.66 0.65 -3.78	23.84 0.53 -6.24	23.38 0.49 -7.52	24.41 0.65 -5.28	24.69 0.68 -4.50	25.23 0.87 -3.65	31.14 0.92 -8.88	33.00 0.95 -10.41	36.23 1.31 -5.11	34.49 1.18 -3.86	30.54 1.08 -0.25	26.81 0.96 -0.71	24.81 0.84 -1.98	22.72 0.82 -0.28
NEWKRMKL_115KV_TB1 55635	27.47 0.44 -7.19	23.11 0.49 -3.88	21.87 0.50 -4.83	21.08 0.53 -3.29	21.23 0.58 -2.47	23.13 0.61 -3.42	25.98 0.89 -0.35	29.54 0.82 -3.92	28.20 0.64 -3.89	27.64 0.52 -5.57	26.65 0.49 -5.94	27.27 0.39 -9.80	27.53 0.35 -11.81	27.23 0.44 -8.30	27.01 0.43 -7.08	26.88 0.43 -5.74	34.78 0.45 -12.99	38.25 0.50 -16.11	38.52 0.69 -8.03	36.23 0.71 -6.07	30.33 0.73 -0.40	26.91 0.65 -1.12	25.65 0.55 -3.11	22.64 0.58 -0.44
NEWTON___FALLS_HYD 23847	19.35 -0.50 0.00	18.35 -0.39 0.00	16.16 -0.38 0.00	16.88 -0.38 0.00	17.83 -0.35 0.00	18.81 -0.29 0.00	24.30 -0.45 0.00	24.43 -0.37 0.00	23.27 -0.40 0.00	21.08 -0.47 0.00	19.66 -0.57 0.00	16.56 -0.51 0.00	14.85 -0.52 0.00	17.88 -0.61 0.00	18.84 -0.66 0.00	20.05 -0.66 0.00	20.70 -0.64 0.00	21.16 -0.48 0.00	29.39 -0.42 0.00	29.04 -0.41 0.00	28.62 -0.58 0.00	24.53 -0.60 0.00	21.40 -0.59 0.00	21.06 -0.56 0.00
NGRID_A1_DSASP 323792	19.88 -0.42 -0.46	18.60 -0.39 -0.25	16.55 -0.30 -0.31	17.21 -0.26 -0.21	17.91 -0.42 -0.16	18.70 -0.61 -0.22	24.76 0.00 -0.02	24.50 -0.55 -0.25	23.40 -0.52 -0.25	21.47 -0.43 -0.35	20.16 -0.45 -0.38	17.45 -0.24 -0.62	15.90 -0.22 -0.75	18.64 -0.37 -0.52	19.56 -0.39 -0.45	20.43 -0.64 -0.36	21.50 -0.70 -0.86	22.17 -0.50 -1.03	28.83 -1.49 -0.51	28.57 -1.27 -0.38	28.32 -0.91 -0.03	24.46 -0.75 -0.07	21.71 -0.48 -0.20	21.65 0.00 -0.03
NGRID_A2_DSASP 323793	19.88 -0.42 -0.46	18.60 -0.39 -0.25	16.55 -0.30 -0.31	17.21 -0.26 -0.21	17.91 -0.42 -0.16	18.70 -0.61 -0.22	24.76 0.00 -0.02	24.50 -0.55 -0.25	23.40 -0.52 -0.25	21.47 -0.43 -0.35	20.16 -0.45 -0.38	17.45 -0.24 -0.62	15.90 -0.22 -0.75	18.64 -0.37 -0.52	19.56 -0.39 -0.45	20.43 -0.64 -0.36	21.50 -0.70 -0.86	22.17 -0.50 -1.03	28.83 -1.49 -0.51	28.57 -1.27 -0.38	28.32 -0.91 -0.03	24.46 -0.75 -0.07	21.71 -0.48 -0.20	21.65 0.00 -0.03

NGRID_A4_DSASP 323807	19.96 -0.34 -0.46	18.60 -0.39 -0.25	16.75 -0.10 -0.31	17.22 -0.24 -0.21	17.97 -0.36 -0.16	18.74 -0.57 -0.22	24.64 -0.12 -0.02	24.60 -0.45 -0.25	23.42 -0.50 -0.25	21.47 -0.43 -0.35	20.16 -0.45 -0.38	17.46 -0.24 -0.62	15.90 -0.22 -0.75	18.75 -0.26 -0.53	19.58 -0.37 -0.45	20.55 -0.52 -0.36	21.60 -0.60 -0.86	22.26 -0.41 -1.03	29.25 -1.07 -0.51	28.83 -1.00 -0.38	28.29 -0.93 -0.03	24.63 -0.58 -0.07	21.88 -0.31 -0.20	21.65 0.00 -0.03
NIAGARA_115E_LBMP 323715	19.80 -0.50 -0.46	18.50 -0.49 -0.25	16.40 -0.45 -0.31	17.07 -0.40 -0.21	17.77 -0.56 -0.16	18.61 -0.71 -0.22	24.86 0.10 -0.02	24.52 -0.52 -0.25	23.44 -0.47 -0.25	21.49 -0.41 -0.35	20.18 -0.43 -0.38	17.47 -0.22 -0.62	15.92 -0.20 -0.75	18.66 -0.35 -0.53	19.58 -0.37 -0.45	20.45 -0.62 -0.36	21.52 -0.68 -0.86	22.20 -0.48 -1.03	28.89 -1.43 -0.51	28.60 -1.24 -0.39	28.41 -0.82 -0.03	24.51 -0.70 -0.07	21.73 -0.46 -0.20	21.60 -0.04 -0.03
NIAGARA_115W_LBMP 323714	19.82 -0.48 -0.45	18.56 -0.43 -0.25	16.52 -0.33 -0.31	17.17 -0.29 -0.21	17.88 -0.45 -0.16	18.65 -0.67 -0.22	24.69 -0.07 -0.02	24.43 -0.62 -0.25	23.35 -0.57 -0.25	21.43 -0.47 -0.35	20.10 -0.50 -0.37	17.40 -0.29 -0.62	15.85 -0.26 -0.75	18.58 -0.42 -0.52	19.53 -0.43 -0.45	20.39 -0.68 -0.36	21.43 -0.77 -0.86	22.11 -0.56 -1.03	28.77 -1.55 -0.51	28.48 -1.35 -0.38	28.26 -0.96 -0.03	24.38 -0.83 -0.07	21.64 -0.55 -0.20	21.60 -0.04 -0.03
NIAGARA_230_LBMP 323716	19.98 -0.32 -0.45	18.67 -0.32 -0.24	16.55 -0.30 -0.30	17.22 -0.24 -0.21	17.93 -0.40 -0.15	18.78 -0.53 -0.21	25.01 0.25 -0.02	24.75 -0.30 -0.24	23.61 -0.31 -0.24	21.66 -0.24 -0.35	20.34 -0.26 -0.37	17.58 -0.10 -0.61	16.01 -0.09 -0.74	18.78 -0.22 -0.52	19.74 -0.21 -0.44	20.63 -0.44 -0.36	21.70 -0.49 -0.85	22.35 -0.30 -1.02	29.12 -1.19 -0.50	28.83 -1.00 -0.38	28.61 -0.61 -0.02	24.71 -0.50 -0.07	21.93 -0.26 -0.19	21.80 0.15 -0.03
NIAGARA__115KV_198_GIBSON 55903	19.92 -0.38 -0.45	18.56 -0.43 -0.25	16.72 -0.13 -0.31	17.19 -0.28 -0.21	17.93 -0.40 -0.16	18.70 -0.61 -0.22	24.57 -0.20 -0.02	24.55 -0.50 -0.25	23.35 -0.57 -0.25	21.43 -0.47 -0.35	20.10 -0.51 -0.38	17.40 -0.29 -0.62	15.86 -0.26 -0.75	18.72 -0.30 -0.53	19.53 -0.43 -0.45	20.49 -0.58 -0.36	21.54 -0.66 -0.86	22.19 -0.48 -1.03	29.16 -1.16 -0.51	28.75 -1.09 -0.38	28.21 -1.02 -0.03	24.56 -0.65 -0.07	21.82 -0.37 -0.20	21.60 -0.04 -0.03
NIAGARA____ 23760	19.98 -0.32 -0.46	18.67 -0.32 -0.25	16.55 -0.30 -0.31	17.22 -0.24 -0.21	17.93 -0.40 -0.16	18.78 -0.53 -0.22	25.01 0.25 -0.02	24.75 -0.30 -0.25	23.61 -0.31 -0.24	21.67 -0.24 -0.35	20.34 -0.26 -0.37	17.59 -0.10 -0.62	16.02 -0.09 -0.74	18.79 -0.22 -0.52	19.74 -0.21 -0.45	20.64 -0.44 -0.36	21.71 -0.49 -0.86	22.36 -0.30 -1.03	29.13 -1.19 -0.51	28.83 -1.00 -0.38	28.61 -0.61 -0.03	24.71 -0.50 -0.07	21.93 -0.26 -0.20	21.80 0.15 -0.03
NINE_MILE_1 23575	19.61 -0.46 -0.22	18.43 -0.43 -0.12	16.31 -0.38 -0.15	16.96 -0.40 -0.10	17.83 -0.42 -0.08	18.76 -0.44 -0.10	24.36 -0.40 -0.01	24.44 -0.47 -0.12	23.34 -0.45 -0.12	21.29 -0.43 -0.17	19.99 -0.43 -0.18	17.01 -0.36 -0.30	15.42 -0.31 -0.36	18.35 -0.39 -0.25	19.31 -0.41 -0.22	20.43 -0.46 -0.17	21.28 -0.47 -0.41	21.72 -0.41 -0.49	29.40 -0.66 -0.24	29.02 -0.62 -0.18	28.66 -0.56 -0.01	24.67 -0.50 -0.03	21.65 -0.44 -0.09	21.24 -0.39 -0.01
NINE_MILE_2 23744	19.61 -0.46 -0.22	18.43 -0.43 -0.12	16.31 -0.38 -0.15	16.96 -0.40 -0.10	17.83 -0.42 -0.07	18.76 -0.44 -0.10	24.36 -0.40 -0.01	24.44 -0.47 -0.12	23.34 -0.45 -0.12	21.29 -0.43 -0.17	19.98 -0.43 -0.18	17.01 -0.36 -0.30	15.42 -0.31 -0.36	18.35 -0.39 -0.25	19.31 -0.41 -0.21	20.43 -0.46 -0.17	21.28 -0.47 -0.41	21.72 -0.41 -0.49	29.40 -0.66 -0.24	29.02 -0.62 -0.18	28.66 -0.56 -0.01	24.67 -0.50 -0.03	21.65 -0.44 -0.09	21.24 -0.39 -0.01
NM_CAPITAL____DRP 24208	27.51 0.50 -7.17	23.14 0.52 -3.87	21.88 0.51 -4.82	21.09 0.55 -3.28	21.24 0.60 -2.46	23.14 0.63 -3.41	26.01 0.92 -0.35	29.55 0.84 -3.91	28.24 0.69 -3.88	27.69 0.58 -5.56	26.68 0.53 -5.92	27.30 0.44 -9.78	27.55 0.40 -11.78	27.26 0.50 -8.28	27.04 0.47 -7.06	26.93 0.50 -5.72	34.74 0.49 -12.91	38.24 0.54 -16.06	38.56 0.75 -8.01	36.27 0.77 -6.06	30.39 0.79 -0.40	26.96 0.70 -1.12	25.71 0.62 -3.10	22.68 0.63 -0.43
NM_CENTRAL____DRP 24181	20.06 -0.08 -0.30	18.81 -0.09 -0.16	16.68 -0.07 -0.20	17.31 -0.09 -0.14	18.19 -0.09 -0.10	19.16 -0.08 -0.14	24.86 0.10 -0.01	25.03 0.07 -0.16	23.88 0.05 -0.16	21.76 -0.02 -0.23	20.44 -0.04 -0.25	17.46 -0.02 -0.41	15.86 0.00 -0.49	18.83 0.00 -0.34	19.78 -0.02 -0.29	20.88 -0.06 -0.24	21.86 -0.04 -0.56	22.33 0.02 -0.67	30.14 0.00 -0.33	29.70 0.00 -0.25	29.28 0.06 -0.02	25.23 0.05 -0.05	22.19 0.07 -0.13	21.66 0.02 -0.02
NM_FRONTIER____DRP 24179	19.92 -0.38 -0.45	18.56 -0.43 -0.25	16.72 -0.13 -0.31	17.19 -0.28 -0.21	17.93 -0.40 -0.16	18.70 -0.61 -0.22	24.57 -0.20 -0.02	24.55 -0.50 -0.25	23.35 -0.57 -0.25	21.43 -0.47 -0.35	20.10 -0.51 -0.38	17.40 -0.29 -0.62	15.86 -0.26 -0.75	18.72 -0.30 -0.53	19.53 -0.43 -0.45	20.49 -0.58 -0.36	21.54 -0.66 -0.86	22.19 -0.48 -1.03	29.16 -1.16 -0.51	28.75 -1.09 -0.38	28.21 -1.02 -0.03	24.56 -0.65 -0.07	21.82 -0.37 -0.20	21.60 -0.04 -0.03
NM_ST_REGIS____HYD 24053	19.31 -0.54 0.00	18.35 -0.39 0.00	16.18 -0.36 0.00	16.91 -0.35 0.00	17.85 -0.33 0.00	18.79 -0.31 0.00	23.88 -0.87 0.00	24.00 -0.79 0.00	22.87 -0.80 0.00	20.80 -0.75 0.00	19.46 -0.77 0.00	16.37 -0.70 0.00	14.69 -0.68 0.00	17.71 -0.78 0.00	18.67 -0.84 0.00	19.88 -0.83 0.00	20.47 -0.87 0.00	20.79 -0.84 0.00	29.01 -0.80 0.00	28.66 -0.80 0.00	28.27 -0.93 0.00	24.23 -0.90 0.00	21.11 -0.88 0.00	20.77 -0.84 0.00
NORTHPORT____1 23551	28.84 1.71 -7.29	23.63 1.48 -3.41	21.63 1.32 -3.76	21.06 1.24 -2.56	21.42 1.33 -1.92	23.15 1.39 -2.66	26.87 1.86 -0.27	29.89 2.03 -3.06	28.81 2.06 -3.08	27.81 1.90 -4.36	28.40 1.70 -6.47	29.24 1.45 -10.72	31.30 1.26 -14.67	32.60 1.52 -12.59	34.11 1.52 -13.08	39.90 1.74 -17.45	47.95 1.79 -24.82	45.82 1.77 -22.41	49.43 2.30 -17.32	45.27 2.21 -13.61	38.41 2.13 -7.08	33.45 1.91 -6.40	28.27 2.00 -4.28	25.25 1.84 -1.80
NORTHPORT____2 23552	28.84 1.71 -7.29	23.63 1.48 -3.41	21.63 1.32 -3.76	21.06 1.24 -2.56	21.42 1.33 -1.92	23.15 1.39 -2.66	26.87 1.86 -0.27	29.89 2.03 -3.06	28.81 2.06 -3.08	27.81 1.90 -4.36	28.40 1.70 -6.47	29.24 1.45 -10.72	31.30 1.26 -14.67	32.60 1.52 -12.59	34.11 1.52 -13.08	39.90 1.74 -17.45	47.95 1.79 -24.82	45.82 1.77 -22.41	49.43 2.30 -17.32	45.27 2.21 -13.61	38.41 2.13 -7.08	33.45 1.91 -6.40	28.27 2.00 -4.28	25.25 1.84 -1.80
NORTHPORT____3 23553	28.76 1.63 -7.29	23.56 1.41 -3.41	21.56 1.26 -3.76	20.99 1.17 -2.56	21.35 1.25 -1.92	23.08 1.32 -2.66	26.77 1.76 -0.27	29.81 1.96 -3.06	28.74 1.99 -3.08	27.77 1.85 -4.36	28.38 1.68 -6.47	29.23 1.43 -10.72	31.33 1.29 -14.67	32.67 1.59 -12.59	34.24 1.66 -13.08	40.06 1.90 -17.45	48.14 1.98 -24.82	45.99 1.95 -22.41	49.67 2.53 -17.32	45.50 2.44 -13.61	38.62 2.34 -7.08	33.58 2.04 -6.40	28.21 1.94 -4.28	25.17 1.75 -1.80

NORTHPORT___4 23650	28.76 1.63 -7.29	23.56 1.41 -3.41	21.56 1.26 -3.76	20.99 1.17 -2.56	21.35 1.25 -1.92	23.08 1.32 -2.66	26.77 1.76 -0.27	29.81 1.96 -3.06	28.74 1.99 -3.08	27.77 1.85 -4.36	28.38 1.68 -6.47	29.23 1.43 -10.72	31.33 1.29 -14.67	32.67 1.59 -12.59	34.24 1.66 -13.08	40.06 1.90 -17.45	48.14 1.98 -24.82	45.99 1.95 -22.41	49.67 2.53 -17.32	45.50 2.44 -13.61	38.62 2.34 -7.08	33.58 2.04 -6.40	28.21 1.94 -4.28	25.17 1.75 -1.80
NORTHPORT___IC 23718	28.84 1.71 -7.29	23.63 1.48 -3.41	21.63 1.32 -3.76	21.06 1.24 -2.56	21.42 1.33 -1.92	23.15 1.39 -2.66	26.87 1.86 -0.27	29.89 2.03 -3.06	28.81 2.06 -3.08	27.81 1.90 -4.36	28.40 1.70 -6.47	29.24 1.45 -10.72	31.30 1.26 -14.67	32.60 1.52 -12.59	34.11 1.52 -13.08	39.90 1.74 -17.45	47.95 1.79 -24.82	45.82 1.77 -22.41	49.43 2.30 -17.32	45.27 2.21 -13.61	38.41 2.13 -7.08	33.45 1.91 -6.40	28.27 2.00 -4.28	25.25 1.84 -1.80
NORTH___COUNTRY_ESR 323785	19.71 -0.14 0.00	18.65 -0.09 0.00	16.53 -0.02 0.00	17.26 0.00 0.00	18.19 0.02 0.00	19.14 0.04 0.00	24.17 -0.57 0.00	24.38 -0.42 0.00	23.20 -0.47 0.00	21.06 -0.49 0.00	19.71 -0.53 0.00	16.53 -0.55 0.00	14.82 -0.55 0.00	17.84 -0.65 0.00	18.80 -0.70 0.00	20.03 -0.68 0.00	20.61 -0.73 0.00	20.90 -0.74 0.00	29.60 -0.21 0.00	29.28 -0.18 0.00	28.91 -0.29 0.00	24.81 -0.33 0.00	21.71 -0.29 0.00	21.29 -0.32 0.00
NPX_GEN_1385_PROXY 323591	28.36 1.23 -7.29	23.41 1.26 -3.41	21.27 0.96 -3.76	20.85 1.04 -2.56	21.32 1.22 -1.92	23.06 1.30 -2.66	26.62 1.61 -0.27	29.32 1.46 -3.06	28.24 1.49 -3.08	27.25 1.34 -4.36	27.85 1.15 -6.47	28.75 0.96 -10.72	29.88 0.68 -13.84	31.99 0.91 -12.59	33.30 0.78 -13.01	31.39 0.97 -9.71	34.49 1.00 -12.15	39.68 0.95 -17.09	43.02 1.22 -11.99	40.09 1.12 -9.52	35.21 1.05 -4.96	32.60 1.06 -6.40	27.68 1.41 -4.28	24.91 1.49 -1.80
NPX_GEN_CSC 323557	29.32 2.18 -7.29	24.07 1.91 -3.41	22.03 1.72 -3.76	21.44 1.62 -2.56	21.83 1.73 -1.92	23.55 1.79 -2.66	27.41 2.40 -0.27	30.53 2.68 -3.06	29.40 2.65 -3.08	28.31 2.39 -4.36	28.80 2.10 -6.47	29.59 1.79 -10.72	31.60 1.57 -14.67	33.04 1.96 -12.59	34.71 2.13 -13.08	40.56 2.40 -17.45	48.65 2.50 -24.82	46.53 2.49 -22.41	50.42 3.28 -17.32	46.24 3.18 -13.61	39.44 3.15 -7.08	34.26 2.72 -6.40	28.82 2.55 -4.28	25.75 2.34 -1.80
NSINS_S_GLNS_FALLS 23858	28.60 1.47 -7.29	24.03 1.35 -3.93	22.55 1.11 -4.90	21.71 1.12 -3.34	21.93 1.25 -2.51	23.98 1.41 -3.47	27.27 2.18 -0.35	30.81 2.03 -3.98	29.54 1.92 -3.95	28.84 1.64 -5.65	27.75 1.50 -6.02	28.25 1.23 -9.95	28.32 0.97 -11.98	28.07 1.16 -8.42	27.90 1.21 -7.18	27.69 1.16 -5.82	35.71 1.24 -13.13	39.38 1.41 -16.33	39.98 2.03 -8.14	37.67 2.06 -6.16	31.83 2.22 -0.40	28.19 1.91 -1.14	26.71 1.56 -3.16	23.62 1.56 -0.44
NUCOR_STEEL___DRP 24197	20.45 0.22 -0.39	19.16 0.21 -0.21	17.02 0.22 -0.26	17.59 0.16 -0.18	18.51 0.20 -0.13	19.51 0.23 -0.18	25.26 0.49 -0.02	25.51 0.50 -0.21	24.33 0.45 -0.21	22.18 0.32 -0.30	20.79 0.24 -0.32	17.82 0.22 -0.53	16.22 0.22 -0.64	19.19 0.26 -0.45	20.16 0.27 -0.38	21.25 0.23 -0.31	22.33 0.26 -0.73	22.88 0.37 -0.88	30.75 0.51 -0.43	30.31 0.53 -0.33	29.84 0.61 -0.02	25.73 0.53 -0.06	22.62 0.46 -0.17	22.01 0.37 -0.02
NUMBER_THREE_WT_PWR 323818	19.71 -0.26 -0.13	18.64 -0.17 -0.07	16.46 -0.17 -0.09	17.12 -0.19 -0.06	18.07 -0.15 -0.04	19.12 -0.04 -0.06	24.90 0.15 -0.01	25.14 0.27 -0.07	23.95 0.21 -0.07	21.67 0.02 -0.10	20.13 -0.20 -0.10	17.04 -0.20 -0.17	15.32 -0.26 -0.21	18.30 -0.33 -0.15	19.26 -0.37 -0.12	20.48 -0.33 -0.10	21.35 -0.23 -0.24	22.01 0.09 -0.29	30.25 0.30 -0.14	29.85 0.29 -0.11	29.27 0.06 -0.01	25.08 -0.08 -0.02	21.90 -0.15 -0.05	21.63 0.00 -0.01
NYISO_LBMP_REFERENCE 24008	19.84 0.00 0.00	18.75 0.00 0.00	16.54 0.00 0.00	17.26 0.00 0.00	18.18 0.00 0.00	19.10 0.00 0.00	24.74 0.00 0.00	24.80 0.00 0.00	23.67 0.00 0.00	21.55 0.00 0.00	20.23 0.00 0.00	17.07 0.00 0.00	15.37 0.00 0.00	18.49 0.00 0.00	19.51 0.00 0.00	20.71 0.00 0.00	21.34 0.00 0.00	21.64 0.00 0.00	29.81 0.00 0.00	29.45 0.00 0.00	29.20 0.00 0.00	25.14 0.00 0.00	21.99 0.00 0.00	21.62 0.00 0.00
NYPA_BRENTWD___GT 24164	29.14 2.00 -7.29	23.90 1.74 -3.41	21.86 1.55 -3.76	21.28 1.47 -2.56	21.66 1.56 -1.92	23.40 1.64 -2.66	27.22 2.20 -0.27	30.29 2.43 -3.06	29.16 2.42 -3.08	28.15 2.24 -4.36	28.72 2.02 -6.47	29.52 1.72 -10.72	31.56 1.52 -14.67	32.95 1.87 -12.59	34.52 1.93 -13.08	40.35 2.19 -17.45	48.42 2.26 -24.82	46.30 2.25 -22.41	50.09 2.95 -17.32	45.92 2.86 -13.61	39.09 2.80 -7.08	33.95 2.41 -6.40	28.63 2.35 -4.28	25.56 2.14 -1.80
NYPA_GOWANUS___GT5 24156	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
NYPA_GOWANUS___GT6 24157	26.59 1.15 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.52 0.76 -2.66	25.95 0.94 -0.27	29.04 1.19 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
NYPA_HARLEM__RVR__GT1 24160	26.47 1.03 -5.60	22.63 0.86 -3.02	21.15 0.84 -3.76	20.66 0.85 -2.56	20.97 0.87 -1.92	22.46 0.71 -2.65	25.85 0.84 -0.26	28.91 1.07 -3.05	27.85 1.16 -3.02	27.00 1.12 -4.33	25.92 1.07 -4.62	25.64 0.94 -7.63	25.42 0.86 -9.19	26.07 1.13 -6.46	26.12 1.11 -5.50	26.49 1.33 -4.46	33.81 1.41 -11.06	35.76 1.34 -12.78	37.72 1.67 -6.24	35.73 1.56 -4.72	30.85 1.34 -0.30	27.19 1.18 -0.87	25.60 1.19 -2.42	22.97 1.02 -0.34
NYPA_HARLEM__RVR__GT2 24161	26.47 1.03 -5.60	22.63 0.86 -3.02	21.15 0.84 -3.76	20.66 0.85 -2.56	20.97 0.87 -1.92	22.46 0.71 -2.65	25.85 0.84 -0.26	28.91 1.07 -3.05	27.85 1.16 -3.02	27.00 1.12 -4.33	25.92 1.07 -4.62	25.64 0.94 -7.63	25.42 0.86 -9.19	26.07 1.13 -6.46	26.12 1.11 -5.50	26.49 1.33 -4.46	33.81 1.41 -11.06	35.76 1.34 -12.78	37.72 1.67 -6.24	35.73 1.56 -4.72	30.85 1.34 -0.30	27.19 1.18 -0.87	25.60 1.19 -2.42	22.97 1.02 -0.34
NYPA_KENT___GT 24152	26.57 1.13 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.56 0.80 -2.66	26.00 0.99 -0.27	29.07 1.21 -3.05	28.03 1.32 -3.03	27.14 1.25 -4.34	26.07 1.21 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.27 1.25 -5.51	26.63 1.45 -4.47	33.99 1.58 -11.07	35.96 1.54 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.06 1.55 -0.31	27.37 1.36 -0.87	25.74 1.32 -2.42	23.12 1.17 -0.34

NYPA_POUCH1____GT 24155	26.55 1.11 -5.60	22.63 0.86 -3.02	21.16 0.86 -3.76	20.70 0.88 -2.56	20.99 0.89 -1.92	22.47 0.71 -2.66	25.85 0.84 -0.27	28.97 1.12 -3.06	27.91 1.21 -3.03	27.08 1.18 -4.34	25.99 1.13 -4.63	25.72 1.01 -7.64	25.49 0.92 -9.20	26.15 1.20 -6.47	26.19 1.17 -5.52	26.57 1.39 -4.47	33.95 1.54 -11.07	35.92 1.49 -12.79	37.94 1.88 -6.25	35.92 1.74 -4.73	30.98 1.46 -0.31	27.27 1.26 -0.88	25.65 1.23 -2.43	23.06 1.10 -0.34
NYPA_VERNON____GT2 24162	26.55 1.11 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.58 0.82 -2.66	26.05 1.04 -0.27	29.09 1.24 -3.05	28.03 1.32 -3.03	27.16 1.27 -4.34	26.07 1.21 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.27 1.25 -5.51	26.65 1.47 -4.47	33.97 1.56 -11.07	35.94 1.51 -12.78	37.97 1.91 -6.25	35.95 1.77 -4.73	31.09 1.58 -0.31	27.39 1.38 -0.87	25.76 1.34 -2.42	23.14 1.19 -0.34
NYPA_VERNON____GT3 24163	26.55 1.11 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.58 0.82 -2.66	26.05 1.04 -0.27	29.09 1.24 -3.05	28.03 1.32 -3.03	27.16 1.27 -4.34	26.07 1.21 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.27 1.25 -5.51	26.65 1.47 -4.47	33.97 1.56 -11.07	35.94 1.51 -12.78	37.97 1.91 -6.25	35.95 1.77 -4.73	31.09 1.58 -0.31	27.39 1.38 -0.87	25.76 1.34 -2.42	23.14 1.19 -0.34
NYPA____ASTORIA_CC1 323568	26.51 1.07 -5.60	22.66 0.90 -3.02	21.18 0.88 -3.76	20.71 0.90 -2.56	21.02 0.93 -1.92	22.56 0.80 -2.66	26.00 0.99 -0.27	29.04 1.19 -3.05	27.98 1.28 -3.03	27.12 1.23 -4.34	26.03 1.17 -4.62	25.73 1.02 -7.63	25.52 0.95 -9.20	26.17 1.22 -6.46	26.23 1.21 -5.51	26.60 1.43 -4.47	33.95 1.54 -11.07	35.90 1.47 -12.78	37.91 1.85 -6.25	35.89 1.71 -4.73	31.03 1.52 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.10 1.14 -0.34
NYPA____ASTORIA_CC2 323569	26.51 1.07 -5.60	22.66 0.90 -3.02	21.18 0.88 -3.76	20.71 0.90 -2.56	21.02 0.93 -1.92	22.56 0.80 -2.66	26.00 0.99 -0.27	29.04 1.19 -3.05	27.98 1.28 -3.03	27.12 1.23 -4.34	26.03 1.17 -4.62	25.73 1.02 -7.63	25.52 0.95 -9.20	26.17 1.22 -6.46	26.23 1.21 -5.51	26.60 1.43 -4.47	33.95 1.54 -11.07	35.90 1.47 -12.78	37.91 1.85 -6.25	35.89 1.71 -4.73	31.03 1.52 -0.31	27.34 1.33 -0.87	25.71 1.30 -2.42	23.10 1.14 -0.34
NYPA____HOLTSVILL 23794	29.10 1.96 -7.29	23.86 1.71 -3.41	21.83 1.52 -3.76	21.25 1.43 -2.56	21.63 1.53 -1.92	23.36 1.60 -2.66	27.14 2.13 -0.27	30.23 2.38 -3.06	29.12 2.37 -3.08	28.07 2.15 -4.36	28.62 1.92 -6.47	29.43 1.64 -10.72	31.48 1.44 -14.67	32.87 1.79 -12.59	34.48 1.89 -13.08	40.29 2.13 -17.45	48.36 2.13 -24.82	46.21 2.16 -22.41	49.94 2.80 -17.32	45.80 2.74 -13.61	39.00 2.72 -7.08	33.90 2.36 -6.40	28.56 2.29 -4.28	25.49 2.08 -1.80
NYPA____HELLGATE_GT1 24158	26.47 1.03 -5.60	22.63 0.86 -3.02	21.15 0.84 -3.76	20.66 0.85 -2.56	20.97 0.87 -1.92	22.46 0.71 -2.65	25.85 0.84 -0.26	28.91 1.07 -3.05	27.85 1.16 -3.02	27.00 1.12 -4.33	25.92 1.07 -4.62	25.64 0.94 -7.63	25.42 0.86 -9.19	26.07 1.13 -6.46	26.12 1.11 -5.50	26.49 1.33 -4.46	33.81 1.41 -11.06	35.76 1.34 -12.78	37.72 1.67 -6.24	35.73 1.56 -4.72	30.85 1.34 -0.30	27.19 1.18 -0.87	25.60 1.19 -2.42	22.97 1.02 -0.34
NYPA____HELLGATE_GT2 24159	26.47 1.03 -5.60	22.63 0.86 -3.02	21.15 0.84 -3.76	20.66 0.85 -2.56	20.97 0.87 -1.92	22.46 0.71 -2.65	25.85 0.84 -0.26	28.91 1.07 -3.05	27.85 1.16 -3.02	27.00 1.12 -4.33	25.92 1.07 -4.62	25.64 0.94 -7.63	25.42 0.86 -9.19	26.07 1.13 -6.46	26.12 1.11 -5.50	26.49 1.33 -4.46	33.81 1.41 -11.06	35.76 1.34 -12.78	37.72 1.67 -6.24	35.73 1.56 -4.72	30.85 1.34 -0.30	27.19 1.18 -0.87	25.60 1.19 -2.42	22.97 1.02 -0.34
NYS_BARGE____HYD 23848	20.09 -0.20 -0.45	18.78 -0.21 -0.24	16.64 -0.20 -0.30	17.32 -0.14 -0.20	18.04 -0.29 -0.15	18.91 -0.40 -0.21	25.26 0.49 -0.02	24.94 -0.10 -0.24	23.84 -0.07 -0.24	21.85 -0.04 -0.34	20.52 -0.08 -0.37	17.75 0.07 -0.61	16.16 0.06 -0.73	18.94 -0.06 -0.51	19.91 -0.04 -0.44	20.80 -0.27 -0.36	21.87 -0.32 -0.85	22.54 -0.11 -1.01	29.42 -0.89 -0.50	29.12 -0.71 -0.38	28.93 -0.29 -0.02	24.96 -0.25 -0.07	22.08 -0.11 -0.19	21.95 0.30 -0.03
OAK ORCHARD____HYD 24046	20.37 0.14 -0.38	19.07 0.11 -0.21	16.88 0.08 -0.26	17.54 0.10 -0.18	18.33 0.02 -0.13	19.28 0.00 -0.18	25.38 0.62 -0.02	25.43 0.42 -0.21	24.26 0.38 -0.21	22.17 0.32 -0.30	20.83 0.28 -0.32	17.88 0.29 -0.52	16.27 0.28 -0.63	19.17 0.24 -0.44	20.18 0.29 -0.38	21.18 0.16 -0.31	22.24 0.17 -0.73	22.83 0.33 -0.87	30.30 0.06 -0.43	29.92 0.15 -0.32	29.57 0.35 -0.02	25.48 0.28 -0.06	22.49 0.33 -0.17	22.05 0.41 -0.02
OAKDALE__35_KV_LOAD 356122	20.89 0.14 -0.91	19.33 0.09 -0.49	17.27 0.12 -0.61	17.76 0.09 -0.42	18.58 0.09 -0.31	19.63 0.10 -0.43	25.21 0.42 -0.04	25.62 0.32 -0.50	24.47 0.31 -0.49	22.49 0.24 -0.71	21.17 0.18 -0.75	18.48 0.17 -1.24	17.03 0.17 -1.50	19.74 0.20 -1.05	20.62 0.21 -0.90	21.64 0.21 -0.73	23.28 0.21 -1.72	24.00 0.30 -2.06	31.13 0.30 -1.02	30.51 0.29 -0.77	29.66 0.41 -0.05	25.61 0.33 -0.14	22.70 0.31 -0.39	22.02 0.35 -0.06
OCC_CHEM____DRP 24175	19.96 -0.34 -0.46	18.60 -0.39 -0.25	16.75 -0.10 -0.31	17.22 -0.24 -0.21	17.97 -0.36 -0.16	18.74 -0.57 -0.22	24.64 -0.12 -0.02	24.60 -0.45 -0.25	23.42 -0.50 -0.25	21.47 -0.43 -0.35	20.16 -0.45 -0.38	17.46 -0.24 -0.62	15.90 -0.22 -0.75	18.75 -0.26 -0.53	19.58 -0.37 -0.45	20.55 -0.52 -0.36	21.60 -0.60 -0.86	22.26 -0.41 -1.03	29.25 -1.07 -0.51	28.83 -1.00 -0.38	28.29 -0.93 -0.03	24.63 -0.58 -0.07	21.88 -0.31 -0.20	21.65 0.00 -0.03
OH_GEN_PROXY 24063	19.98 -0.32 -0.45	18.67 -0.32 -0.24	16.55 -0.30 -0.30	17.22 -0.24 -0.21	17.93 -0.40 -0.15	18.67 -0.53 -0.11	25.12 0.25 -0.13	24.77 -0.27 -0.24	23.65 -0.26 -0.24	21.68 -0.22 -0.35	20.36 -0.24 -0.37	17.60 -0.08 -0.61	16.03 -0.08 -0.74	18.80 -0.20 -0.52	19.76 -0.20 -0.44	20.65 -0.41 -0.36	21.72 -0.47 -0.85	22.40 -0.26 -1.02	29.18 -1.13 -0.50	28.89 -0.94 -0.38	28.67 -0.56 -0.02	24.73 -0.48 -0.07	21.95 -0.24 -0.20	21.80 0.15 -0.03
OLIN_CORP_DRP 24177	19.93 -0.38 -0.46	18.54 -0.45 -0.25	16.64 -0.22 -0.31	17.12 -0.35 -0.21	17.86 -0.47 -0.16	18.71 -0.61 -0.22	24.74 -0.02 -0.02	24.70 -0.35 -0.25	23.49 -0.43 -0.25	21.56 -0.34 -0.36	20.23 -0.38 -0.38	17.51 -0.19 -0.63	15.96 -0.17 -0.76	18.83 -0.18 -0.53	19.65 -0.31 -0.45	20.62 -0.46 -0.37	21.68 -0.53 -0.87	22.33 -0.35 -1.04	29.34 -0.98 -0.51	28.96 -0.88 -0.39	28.41 -0.82 -0.03	24.73 -0.48 -0.07	21.95 -0.24 -0.20	21.67 0.02 -0.03
OLIN_CORP_DSASP 323712	19.88 -0.42 -0.46	18.60 -0.39 -0.25	16.55 -0.30 -0.31	17.21 -0.26 -0.21	17.91 -0.42 -0.16	18.70 -0.61 -0.22	24.76 0.00 -0.02	24.50 -0.55 -0.25	23.40 -0.52 -0.25	21.47 -0.43 -0.35	20.16 -0.45 -0.38	17.45 -0.24 -0.62	15.90 -0.22 -0.75	18.64 -0.37 -0.52	19.56 -0.39 -0.45	20.43 -0.64 -0.36	21.50 -0.70 -0.86	22.17 -0.50 -1.03	28.83 -1.49 -0.51	28.57 -1.27 -0.38	28.32 -0.91 -0.03	24.46 -0.75 -0.07	21.71 -0.48 -0.20	21.65 0.00 -0.03

ONEIDA_HERK_LFGE 323681	20.01 0.06 -0.11	18.94 0.13 -0.06	16.68 0.07 -0.07	17.39 0.09 -0.05	18.36 0.14 -0.04	19.38 0.23 -0.05	25.24 0.49 -0.01	25.33 0.47 -0.06	24.16 0.43 -0.06	21.90 0.26 -0.09	20.44 0.12 -0.09	17.31 0.09 -0.15	15.57 0.02 -0.18	18.65 0.04 -0.13	19.64 0.02 -0.11	20.86 0.06 -0.09	21.68 0.13 -0.21	22.19 0.30 -0.25	30.47 0.54 -0.12	30.05 0.50 -0.09	29.65 0.44 -0.01	25.46 0.30 -0.02	22.24 0.20 -0.05	21.90 0.28 -0.01
ONEIDA___115KV_TB4 55905	20.34 0.30 -0.19	19.23 0.37 -0.10	16.97 0.30 -0.13	17.65 0.31 -0.09	18.61 0.36 -0.07	19.65 0.46 -0.09	25.57 0.82 -0.01	25.62 0.72 -0.11	24.44 0.66 -0.11	22.15 0.45 -0.15	20.76 0.36 -0.16	17.64 0.31 -0.26	15.93 0.25 -0.32	19.02 0.31 -0.22	20.01 0.31 -0.19	21.22 0.35 -0.15	22.09 0.38 -0.37	22.60 0.52 -0.44	30.77 0.75 -0.22	30.35 0.74 -0.16	29.97 0.76 -0.01	25.77 0.60 -0.03	22.56 0.48 -0.08	22.15 0.52 -0.01
ONONDAGA_REF_OCCRA 23987	20.18 -0.02 -0.35	18.90 -0.04 -0.19	16.76 -0.02 -0.24	17.38 -0.03 -0.16	18.26 -0.04 -0.12	19.25 -0.02 -0.17	24.96 0.20 -0.02	25.14 0.15 -0.19	24.00 0.14 -0.19	21.89 0.06 -0.27	20.54 0.02 -0.29	17.59 0.03 -0.48	15.99 0.05 -0.58	18.95 0.06 -0.41	19.89 0.04 -0.35	21.01 0.02 -0.28	22.03 0.02 -0.67	22.54 0.11 -0.80	30.32 0.12 -0.39	29.87 0.12 -0.30	29.40 0.18 -0.02	25.34 0.15 -0.06	22.28 0.13 -0.15	21.75 0.11 -0.02
ONONDAGA___COGEN 23986	20.25 0.08 -0.33	19.00 0.07 -0.18	16.85 0.08 -0.22	17.46 0.05 -0.15	18.38 0.09 -0.11	19.35 0.10 -0.16	25.08 0.32 -0.02	25.25 0.27 -0.18	24.11 0.26 -0.18	21.96 0.15 -0.26	20.61 0.10 -0.27	17.63 0.10 -0.45	16.02 0.11 -0.54	19.00 0.13 -0.38	19.95 0.12 -0.33	21.08 0.10 -0.26	22.07 0.11 -0.63	22.58 0.19 -0.75	30.42 0.24 -0.37	30.00 0.27 -0.28	29.54 0.32 -0.02	25.47 0.28 -0.05	22.38 0.24 -0.14	21.85 0.22 -0.02
ONTARIO___LFGE 23819	20.47 0.18 -0.44	19.17 0.19 -0.24	16.97 0.13 -0.30	17.65 0.19 -0.20	18.51 0.18 -0.15	19.52 0.21 -0.21	25.56 0.79 -0.02	25.58 0.54 -0.24	24.43 0.52 -0.24	22.26 0.37 -0.34	20.90 0.30 -0.37	17.95 0.27 -0.60	16.37 0.28 -0.73	19.27 0.28 -0.51	20.24 0.29 -0.44	21.29 0.23 -0.35	22.46 0.28 -0.84	23.08 0.43 -1.01	30.69 0.39 -0.50	30.27 0.44 -0.38	29.90 0.67 -0.02	25.74 0.53 -0.07	22.58 0.40 -0.19	22.16 0.52 -0.03
ORANGEVILLE_WT_PWR 323706	20.36 -0.02 -0.54	19.00 -0.04 -0.29	16.86 -0.05 -0.36	17.50 0.00 -0.25	18.27 -0.09 -0.19	19.18 -0.17 -0.26	25.46 0.69 -0.03	25.29 0.20 -0.29	24.15 0.19 -0.29	22.12 0.15 -0.42	20.76 0.08 -0.44	17.96 0.15 -0.73	16.39 0.14 -0.88	19.18 0.07 -0.62	20.14 0.10 -0.53	21.06 -0.08 -0.43	22.26 -0.11 -1.02	22.99 0.13 -1.22	29.97 -0.45 -0.60	29.61 -0.29 -0.46	29.41 0.18 -0.03	25.37 0.15 -0.08	22.36 0.13 -0.23	22.15 0.50 -0.03
ORANGEVILLE___ESR 323794	20.36 -0.02 -0.54	19.00 -0.04 -0.29	16.86 -0.05 -0.36	17.50 0.00 -0.25	18.27 -0.09 -0.19	19.18 -0.17 -0.26	25.46 0.69 -0.03	25.29 0.20 -0.29	24.15 0.19 -0.29	22.12 0.15 -0.42	20.76 0.08 -0.44	17.96 0.15 -0.73	16.39 0.14 -0.88	19.18 0.07 -0.62	20.14 0.10 -0.53	21.06 -0.08 -0.43	22.26 -0.11 -1.02	22.99 0.13 -1.22	29.97 -0.45 -0.60	29.61 -0.29 -0.46	29.41 0.18 -0.03	25.37 0.15 -0.08	22.36 0.13 -0.23	22.15 0.50 -0.03
OSWEGATCHIE___HYD 24044	19.35 -0.50 0.00	18.35 -0.39 0.00	16.18 -0.36 0.00	16.88 -0.38 0.00	17.83 -0.35 0.00	18.81 -0.29 0.00	24.27 -0.47 0.00	24.43 -0.37 0.00	23.27 -0.40 0.00	21.08 -0.47 0.00	19.66 -0.57 0.00	16.56 -0.51 0.00	14.85 -0.52 0.00	17.88 -0.61 0.00	18.84 -0.66 0.00	20.05 -0.66 0.00	20.68 -0.66 0.00	21.10 -0.54 0.00	29.37 -0.45 0.00	29.01 -0.44 0.00	28.62 -0.58 0.00	24.53 -0.60 0.00	21.38 -0.62 0.00	21.06 -0.56 0.00
OSWEGO___5 23606	19.75 -0.34 -0.24	18.56 -0.32 -0.13	16.42 -0.28 -0.16	17.07 -0.29 -0.11	17.95 -0.31 -0.08	18.89 -0.32 -0.12	24.51 -0.25 -0.01	24.63 -0.30 -0.13	23.52 -0.28 -0.13	21.44 -0.30 -0.19	20.13 -0.30 -0.20	17.16 -0.24 -0.33	15.55 -0.22 -0.40	18.49 -0.28 -0.28	19.47 -0.27 -0.24	20.57 -0.33 -0.19	21.46 -0.34 -0.46	21.91 -0.28 -0.55	29.61 -0.48 -0.27	29.22 -0.44 -0.21	28.87 -0.35 -0.01	24.85 -0.33 -0.04	21.81 -0.29 -0.11	21.37 -0.26 -0.01
OSWEGO___6 23613	19.75 -0.34 -0.24	18.56 -0.32 -0.13	16.42 -0.28 -0.16	17.07 -0.29 -0.11	17.95 -0.31 -0.08	18.89 -0.32 -0.12	24.51 -0.25 -0.01	24.63 -0.30 -0.13	23.52 -0.28 -0.13	21.44 -0.30 -0.19	20.13 -0.30 -0.20	17.16 -0.24 -0.33	15.55 -0.22 -0.40	18.49 -0.28 -0.28	19.47 -0.27 -0.24	20.57 -0.33 -0.19	21.46 -0.34 -0.46	21.91 -0.28 -0.55	29.61 -0.48 -0.27	29.22 -0.44 -0.21	28.87 -0.35 -0.01	24.85 -0.33 -0.04	21.81 -0.29 -0.11	21.37 -0.26 -0.01
OUTOKUMPU-AB___DRP 24206	20.33 0.02 -0.46	18.94 -0.06 -0.25	17.00 0.15 -0.31	17.48 0.02 -0.21	18.26 -0.07 -0.16	19.11 -0.21 -0.22	25.23 0.47 -0.02	25.20 0.15 -0.25	23.99 0.07 -0.25	22.00 0.09 -0.36	20.63 0.02 -0.38	17.88 0.17 -0.63	16.28 0.15 -0.76	19.22 0.20 -0.54	20.06 0.10 -0.46	21.06 -0.02 -0.37	22.11 -0.11 -0.88	22.79 0.11 -1.05	29.97 -0.36 -0.52	29.58 -0.27 -0.39	29.05 -0.18 -0.03	25.24 0.03 -0.07	22.39 0.20 -0.20	22.10 0.45 -0.03
OXBOW___ 24026	20.10 -0.20 -0.46	18.82 -0.17 -0.25	16.70 -0.15 -0.31	17.38 -0.09 -0.21	18.12 -0.22 -0.16	18.91 -0.40 -0.22	25.14 0.37 -0.02	24.85 -0.20 -0.25	23.75 -0.16 -0.25	21.80 -0.11 -0.35	20.45 -0.16 -0.38	17.71 0.02 -0.62	16.14 0.02 -0.75	18.92 -0.09 -0.53	19.86 -0.10 -0.45	20.74 -0.33 -0.37	21.80 -0.41 -0.87	22.50 -0.17 -1.04	29.28 -1.04 -0.51	28.98 -0.86 -0.39	28.79 -0.44 -0.03	24.83 -0.38 -0.07	22.02 -0.18 -0.20	21.93 0.28 -0.03
OXY_CHEM_DSASP 323612	19.96 -0.34 -0.46	18.60 -0.39 -0.25	16.75 -0.10 -0.31	17.22 -0.24 -0.21	17.97 -0.36 -0.16	18.74 -0.57 -0.22	24.64 -0.12 -0.02	24.60 -0.45 -0.25	23.42 -0.50 -0.25	21.47 -0.43 -0.35	20.16 -0.45 -0.38	17.46 -0.24 -0.62	15.90 -0.22 -0.75	18.75 -0.26 -0.53	19.58 -0.37 -0.45	20.55 -0.52 -0.36	21.60 -0.60 -0.86	22.26 -0.41 -1.03	29.25 -1.07 -0.51	28.83 -1.00 -0.38	28.29 -0.93 -0.03	24.63 -0.58 -0.07	21.88 -0.31 -0.20	21.65 0.00 -0.03
OZONE_PARK_ESR 323760	26.69 1.25 -5.60	22.83 1.07 -3.02	21.21 0.91 -3.76	20.85 1.04 -2.56	21.13 1.04 -1.92	22.71 0.95 -2.66	26.28 1.26 -0.27	29.31 1.46 -3.05	28.26 1.56 -3.03	27.35 1.47 -4.34	26.23 1.38 -4.62	25.92 1.21 -7.63	25.67 1.11 -9.20	26.22 1.28 -6.46	26.44 1.42 -5.51	26.77 1.59 -4.47	34.07 1.66 -11.07	36.02 1.60 -12.78	38.12 2.06 -6.25	36.12 1.94 -4.73	31.41 1.90 -0.31	27.62 1.61 -0.87	25.89 1.47 -2.42	23.36 1.41 -0.34
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.96 -0.34 -0.46	18.60 -0.39 -0.25	16.75 -0.10 -0.31	17.22 -0.24 -0.21	17.97 -0.36 -0.16	18.74 -0.57 -0.22	24.64 -0.12 -0.02	24.60 -0.45 -0.25	23.42 -0.50 -0.25	21.47 -0.43 -0.35	20.16 -0.45 -0.38	17.46 -0.24 -0.62	15.90 -0.22 -0.75	18.75 -0.26 -0.53	19.58 -0.37 -0.45	20.55 -0.52 -0.36	21.60 -0.60 -0.86	22.26 -0.41 -1.03	29.25 -1.07 -0.51	28.83 -1.00 -0.38	28.29 -0.93 -0.03	24.63 -0.58 -0.07	21.88 -0.31 -0.20	21.65 0.00 -0.03

PACKARD__115KV_DUPONT_184 80571	19.96 -0.34 -0.46	18.60 -0.39 -0.25	16.75 -0.10 -0.31	17.22 -0.24 -0.21	17.97 -0.36 -0.16	18.74 -0.57 -0.22	24.64 -0.12 -0.02	24.60 -0.45 -0.25	23.42 -0.50 -0.25	21.47 -0.43 -0.35	20.16 -0.45 -0.38	17.46 -0.24 -0.62	15.90 -0.22 -0.75	18.75 -0.26 -0.53	19.58 -0.37 -0.45	20.55 -0.52 -0.36	21.60 -0.60 -0.86	22.26 -0.41 -1.03	29.25 -1.07 -0.51	28.83 -1.00 -0.38	28.29 -0.93 -0.03	24.63 -0.58 -0.07	21.88 -0.31 -0.20	21.65 0.00 -0.03
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	26.49 1.05 -5.60	22.64 0.88 -3.02	21.00 0.69 -3.76	20.68 0.86 -2.56	20.93 0.84 -1.92	22.41 0.65 -2.66	25.86 0.84 -0.27	28.89 1.04 -3.05	27.89 1.18 -3.03	27.03 1.14 -4.34	25.95 1.09 -4.62	25.66 0.96 -7.63	25.46 0.89 -9.20	25.95 1.00 -6.46	26.15 1.13 -5.51	26.46 1.28 -4.47	33.78 1.37 -11.07	35.70 1.28 -12.78	37.67 1.61 -6.25	35.65 1.47 -4.73	30.91 1.40 -0.31	27.19 1.18 -0.87	25.54 1.12 -2.42	23.04 1.08 -0.34
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	26.65 1.21 -5.60	22.89 1.12 -3.02	21.23 0.93 -3.76	20.92 1.10 -2.56	21.19 1.09 -1.92	22.68 0.92 -2.66	26.23 1.21 -0.27	29.12 1.26 -3.05	28.08 1.37 -3.03	27.18 1.29 -4.34	26.09 1.23 -4.62	25.78 1.08 -7.63	25.55 0.98 -9.20	26.09 1.15 -6.46	26.27 1.25 -5.51	26.63 1.45 -4.47	33.95 1.54 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.89 1.71 -4.73	31.15 1.64 -0.31	27.40 1.38 -0.87	25.74 1.32 -2.42	23.32 1.36 -0.34
PATROON__115KV_TB1 80586	27.54 0.50 -7.20	23.17 0.54 -3.88	21.91 0.53 -4.84	21.12 0.57 -3.29	21.27 0.62 -2.47	23.17 0.65 -3.42	26.06 0.96 -0.35	29.59 0.87 -3.93	28.26 0.69 -3.90	27.71 0.58 -5.58	26.70 0.53 -5.95	27.32 0.43 -9.82	27.60 0.40 -11.83	27.28 0.48 -8.31	27.06 0.47 -7.09	26.95 0.50 -5.75	34.85 0.51 -13.00	38.33 0.56 -16.13	38.62 0.78 -8.04	36.33 0.80 -6.08	30.42 0.82 -0.40	26.99 0.73 -1.12	25.72 0.62 -3.11	22.68 0.63 -0.44
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.02 -0.32 -0.50	18.62 -0.39 -0.27	16.68 -0.20 -0.33	17.15 -0.33 -0.23	17.91 -0.44 -0.17	18.82 -0.52 -0.24	25.19 0.42 -0.02	24.92 -0.15 -0.27	23.77 -0.17 -0.27	21.79 -0.15 -0.38	20.44 -0.20 -0.41	17.72 -0.03 -0.68	16.17 -0.02 -0.82	19.04 -0.02 -0.57	19.88 -0.12 -0.49	20.88 -0.23 -0.40	21.98 -0.30 -0.94	22.65 -0.11 -1.12	29.71 -0.66 -0.55	29.31 -0.56 -0.42	29.08 -0.15 -0.03	24.96 -0.25 -0.08	22.12 -0.09 -0.21	21.99 0.35 -0.03
PAWLING_115_KV_BK3_REV_LBMP_H 345028	26.83 1.29 -5.70	22.98 1.16 -3.08	21.27 0.89 -3.83	20.83 0.97 -2.61	21.10 0.96 -1.96	22.78 0.97 -2.71	26.28 1.26 -0.28	29.27 1.36 -3.11	28.20 1.44 -3.09	27.26 1.29 -4.42	26.24 1.29 -4.71	25.91 1.06 -7.78	25.71 0.97 -9.37	26.18 1.11 -6.59	26.37 1.25 -5.62	26.65 1.39 -4.55	34.03 1.49 -11.20	36.18 1.54 -13.01	38.33 2.15 -6.37	36.27 2.00 -4.82	31.47 1.96 -0.32	27.71 1.68 -0.89	25.80 1.34 -2.47	23.28 1.32 -0.35
PEEKSKILL____ 23653	26.37 1.03 -5.50	22.59 0.88 -2.97	21.03 0.79 -3.70	20.58 0.81 -2.52	20.90 0.84 -1.89	22.55 0.84 -2.61	26.07 1.06 -0.27	28.99 1.19 -3.00	27.86 1.21 -2.98	26.93 1.12 -4.26	25.85 1.07 -4.54	25.50 0.92 -7.50	25.25 0.84 -9.04	25.91 1.07 -6.35	26.03 1.11 -5.42	26.38 1.28 -4.39	33.58 1.37 -10.88	35.54 1.34 -12.56	37.71 1.76 -6.14	35.72 1.62 -4.65	31.02 1.52 -0.30	27.35 1.36 -0.86	25.60 1.23 -2.38	23.07 1.12 -0.33
PGE MADISON__WINDPWR 24146	21.76 0.99 -0.92	20.39 1.14 -0.50	18.02 0.86 -0.62	18.63 0.95 -0.42	19.60 1.11 -0.32	20.91 1.38 -0.44	27.26 2.47 -0.04	28.15 2.80 -0.55	26.72 2.51 -0.54	24.12 1.79 -0.78	22.54 1.48 -0.83	19.67 1.23 -1.37	17.95 0.94 -1.65	20.81 1.17 -1.16	21.31 0.90 -0.91	22.52 1.08 -0.74	24.32 1.24 -1.74	25.32 1.60 -2.08	33.23 2.39 -1.03	32.64 2.42 -0.78	31.85 2.60 -0.05	27.32 2.04 -0.14	23.93 1.54 -0.40	23.21 1.54 -0.06
PIERCEFIELD__HYD 23852	19.17 -0.67 0.00	18.22 -0.52 0.00	16.06 -0.48 0.00	16.79 -0.47 0.00	17.72 -0.45 0.00	18.66 -0.44 0.00	23.75 -0.99 0.00	23.86 -0.94 0.00	22.72 -0.95 0.00	20.67 -0.88 0.00	19.36 -0.87 0.00	16.30 -0.77 0.00	14.63 -0.74 0.00	17.64 -0.85 0.00	18.59 -0.92 0.00	19.80 -0.91 0.00	20.38 -0.96 0.00	20.69 -0.95 0.00	28.77 -1.04 0.00	28.45 -1.00 0.00	28.06 -1.14 0.00	24.06 -1.08 0.00	20.96 -1.03 0.00	20.62 -0.99 0.00
PINELAWN_CC_1 323563	28.96 1.82 -7.29	23.73 1.57 -3.41	21.71 1.41 -3.76	21.13 1.31 -2.56	21.50 1.40 -1.92	23.25 1.49 -2.66	26.99 1.98 -0.27	30.06 2.21 -3.06	28.95 2.20 -3.08	27.96 2.05 -4.36	28.54 1.84 -6.47	29.36 1.57 -10.72	31.43 1.40 -14.67	32.82 1.74 -12.59	34.40 1.81 -13.08	40.25 2.09 -17.45	48.16 2.01 -24.82	45.95 1.90 -22.41	49.58 2.45 -17.33	45.53 2.47 -13.61	38.91 2.63 -7.08	33.80 2.26 -6.40	28.43 2.16 -4.28	25.36 1.95 -1.80
PJM_GEN_HTP_PROXY 323702	26.53 1.09 -5.59	22.68 0.92 -3.02	21.18 0.88 -3.76	20.71 0.90 -2.56	21.04 0.94 -1.92	22.64 0.88 -2.66	26.15 1.14 -0.27	29.14 1.29 -3.05	28.05 1.35 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.52 0.95 -9.20	26.17 1.22 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	33.92 1.52 -11.07	35.87 1.45 -12.78	37.91 1.85 -6.25	35.95 1.77 -4.73	31.12 1.61 -0.31	27.47 1.46 -0.87	25.78 1.36 -2.42	23.19 1.23 -0.34
PJM_GEN_KEystone 24065	23.25 0.30 -3.11	20.63 0.21 -1.68	18.83 0.20 -2.09	18.90 0.22 -1.42	19.42 0.18 -1.07	20.71 0.13 -1.48	25.46 0.57 -0.15	26.89 0.40 -1.69	25.78 0.43 -1.68	24.35 0.39 -2.41	23.14 0.34 -2.57	21.67 0.36 -4.23	20.81 0.34 -5.10	22.48 0.41 -3.59	22.98 0.41 -3.06	23.62 0.44 -2.48	27.94 0.47 -6.14	29.27 0.54 -7.09	33.64 0.36 -3.47	32.40 0.32 -2.62	29.84 0.47 -0.17	26.10 0.48 -0.49	23.78 0.44 -1.34	22.37 0.56 -0.19
PJM_GEN_NEPTUNE_PROXY 323594	28.56 1.43 -7.29	23.39 1.24 -3.41	21.40 1.09 -3.76	20.85 1.04 -2.56	21.21 1.11 -1.92	22.92 1.17 -2.66	26.55 1.53 -0.27	29.56 1.71 -3.06	28.48 1.73 -3.08	27.55 1.64 -4.36	28.17 1.48 -6.47	29.06 1.26 -10.72	31.16 1.12 -14.67	32.47 1.39 -12.59	34.03 1.44 -13.08	39.83 1.68 -17.45	47.89 1.73 -24.82	45.75 1.71 -22.41	49.34 2.21 -17.32	45.18 2.12 -13.61	38.30 2.01 -7.08	33.30 1.76 -6.40	27.99 1.72 -4.28	24.98 1.56 -1.80
PJM_GEN_VFT_PROXY 323633	26.43 0.99 -5.60	22.59 0.82 -3.02	21.12 0.81 -3.76	20.66 0.85 -2.56	20.99 0.89 -1.92	22.54 0.78 -2.66	26.01 0.99 -0.27	28.99 1.14 -3.05	27.91 1.21 -3.03	27.01 1.12 -4.34	25.93 1.07 -4.62	25.64 0.94 -7.63	25.43 0.86 -9.20	26.08 1.13 -6.46	26.15 1.13 -5.51	26.54 1.37 -4.47	33.86 1.45 -11.07	35.76 1.34 -12.78	37.70 1.64 -6.25	35.77 1.59 -4.73	31.00 1.49 -0.31	27.34 1.33 -0.87	25.67 1.25 -2.42	23.08 1.12 -0.34
PLATSBURG_115KV_PMLD1 355749	19.98 0.14 0.00	18.91 0.17 0.00	16.71 0.17 0.00	17.50 0.24 0.00	18.45 0.27 0.00	19.40 0.31 0.00	24.40 -0.35 0.00	24.62 -0.17 0.00	23.41 -0.26 0.00	21.25 -0.30 0.00	19.87 -0.36 0.00	16.66 -0.41 0.00	14.92 -0.45 0.00	17.99 -0.50 0.00	18.94 -0.57 0.00	20.19 -0.52 0.00	20.81 -0.53 0.00	21.18 -0.45 0.00	30.02 0.21 0.00	29.75 0.29 0.00	29.32 0.12 0.00	25.16 0.03 0.00	21.97 -0.02 0.00	21.55 -0.06 0.00

PLEASANTVLY___LBMP 24000	26.73 0.89 -5.99	22.78 0.81 -3.23	21.25 0.68 -4.03	20.74 0.74 -2.74	20.98 0.75 -2.06	22.69 0.74 -2.85	26.00 0.96 -0.29	29.08 1.02 -3.27	27.98 1.07 -3.25	27.19 0.99 -4.64	26.11 0.93 -4.95	26.05 0.80 -8.17	25.95 0.74 -9.85	26.27 0.87 -6.92	26.38 0.98 -5.90	26.55 1.06 -4.78	34.32 1.09 -11.89	36.42 1.08 -13.70	37.90 1.40 -6.69	35.87 1.35 -5.06	30.85 1.31 -0.33	27.21 1.13 -0.94	25.62 1.03 -2.59	23.00 1.02 -0.36
PLSNTVLE_13_KV_13.8KVDIST 80602	26.58 1.07 -5.67	22.74 0.94 -3.06	21.15 0.79 -3.81	20.71 0.86 -2.59	20.99 0.87 -1.95	22.67 0.88 -2.69	26.16 1.14 -0.28	29.16 1.26 -3.09	28.04 1.30 -3.07	27.17 1.23 -4.39	26.07 1.15 -4.68	25.79 0.99 -7.73	25.60 0.92 -9.31	26.10 1.07 -6.54	26.30 1.21 -5.58	26.58 1.35 -4.52	33.91 1.37 -11.21	35.95 1.36 -12.94	37.93 1.79 -6.33	35.92 1.68 -4.79	31.12 1.61 -0.31	27.43 1.41 -0.89	25.70 1.25 -2.45	23.17 1.21 -0.34
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	26.58 1.07 -5.67	22.74 0.94 -3.06	21.15 0.79 -3.81	20.71 0.86 -2.59	20.99 0.87 -1.95	22.67 0.88 -2.69	26.16 1.14 -0.28	29.16 1.26 -3.09	28.04 1.30 -3.07	27.17 1.23 -4.39	26.07 1.15 -4.68	25.79 0.99 -7.73	25.60 0.92 -9.31	26.10 1.07 -6.54	26.30 1.21 -5.58	26.58 1.35 -4.52	33.91 1.37 -11.21	35.95 1.36 -12.94	37.93 1.79 -6.33	35.92 1.68 -4.79	31.12 1.61 -0.31	27.43 1.41 -0.89	25.70 1.25 -2.45	23.17 1.21 -0.34
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	26.63 0.99 -5.80	22.77 0.90 -3.13	21.20 0.76 -3.90	20.74 0.83 -2.65	21.00 0.84 -1.99	22.68 0.82 -2.76	26.09 1.06 -0.28	29.08 1.12 -3.17	27.92 1.11 -3.14	27.08 1.03 -4.49	25.99 0.97 -4.79	25.80 0.82 -7.91	25.65 0.75 -9.53	26.07 0.89 -6.70	26.21 0.99 -5.71	26.46 1.12 -4.63	33.28 1.15 -10.79	35.86 1.15 -13.08	37.90 1.61 -6.48	35.85 1.50 -4.90	31.01 1.49 -0.32	27.30 1.26 -0.91	25.60 1.10 -2.51	23.09 1.12 -0.35
POLETTI____ 23519	26.49 1.05 -5.60	22.66 0.90 -3.02	21.08 0.78 -3.76	20.70 0.88 -2.56	20.97 0.87 -1.92	22.56 0.80 -2.66	26.05 1.04 -0.27	29.07 1.22 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.03 1.17 -4.62	25.73 1.02 -7.63	25.50 0.94 -9.20	26.04 1.09 -6.46	26.23 1.21 -5.51	26.56 1.39 -4.47	33.82 1.41 -11.07	35.76 1.34 -12.78	37.76 1.70 -6.25	35.77 1.59 -4.73	31.09 1.58 -0.31	27.37 1.36 -0.87	25.67 1.25 -2.42	23.17 1.21 -0.34
POMONA___ESR 323819	26.10 0.99 -5.26	22.45 0.86 -2.84	20.86 0.78 -3.54	20.46 0.79 -2.41	20.82 0.84 -1.81	22.42 0.82 -2.50	26.06 1.06 -0.26	28.81 1.14 -2.87	27.68 1.16 -2.85	26.71 1.08 -4.08	25.61 1.03 -4.35	25.12 0.87 -7.18	24.83 0.81 -8.65	25.60 1.03 -6.08	25.76 1.07 -5.18	26.17 1.26 -4.20	33.06 1.32 -10.40	34.98 1.32 -12.02	37.39 1.70 -5.88	35.46 1.56 -4.45	30.92 1.43 -0.29	27.27 1.31 -0.82	25.46 1.19 -2.28	23.04 1.10 -0.32
PORT_JEFF_3 23555	29.12 1.98 -7.29	23.88 1.72 -3.41	21.86 1.55 -3.76	21.27 1.45 -2.56	21.64 1.54 -1.92	23.38 1.62 -2.66	27.17 2.15 -0.27	30.26 2.40 -3.06	29.16 2.42 -3.08	28.11 2.20 -4.36	28.66 1.96 -6.47	29.47 1.67 -10.72	31.51 1.48 -14.67	32.91 1.83 -12.59	34.52 1.93 -13.08	40.29 2.13 -17.45	48.31 2.15 -24.82	46.14 2.10 -22.41	49.85 2.71 -17.32	45.71 2.65 -13.61	39.00 2.72 -7.08	33.98 2.44 -6.40	28.60 2.33 -4.28	25.54 2.12 -1.80
PORT_JEFF_4 23616	29.12 1.98 -7.29	23.88 1.72 -3.41	21.86 1.55 -3.76	21.27 1.45 -2.56	21.64 1.54 -1.92	23.38 1.62 -2.66	27.17 2.15 -0.27	30.26 2.40 -3.06	29.16 2.42 -3.08	28.11 2.20 -4.36	28.66 1.96 -6.47	29.47 1.67 -10.72	31.51 1.48 -14.67	32.91 1.83 -12.59	34.52 1.93 -13.08	40.29 2.13 -17.45	48.31 2.15 -24.82	46.14 2.10 -22.41	49.85 2.71 -17.32	45.71 2.65 -13.61	39.00 2.72 -7.08	33.98 2.44 -6.40	28.60 2.33 -4.28	25.54 2.12 -1.80
PORT_JEFF_IC 23713	29.18 2.04 -7.29	23.92 1.76 -3.41	21.89 1.59 -3.76	21.30 1.48 -2.56	21.68 1.58 -1.92	23.42 1.66 -2.66	27.24 2.23 -0.27	30.33 2.48 -3.06	29.23 2.48 -3.08	28.18 2.26 -4.36	28.72 2.02 -6.47	29.52 1.72 -10.72	31.56 1.52 -14.67	32.97 1.89 -12.59	34.60 2.01 -13.08	40.37 2.22 -17.45	48.42 2.26 -24.82	46.21 2.16 -22.41	49.85 2.71 -17.32	45.80 2.74 -13.61	39.12 2.83 -7.08	34.05 2.51 -6.40	28.67 2.40 -4.28	25.58 2.16 -1.80
PPL PILGRIM_ST_GT1 24216	29.14 2.00 -7.29	23.90 1.74 -3.41	21.86 1.55 -3.76	21.28 1.47 -2.56	21.66 1.56 -1.92	23.40 1.64 -2.66	27.22 2.20 -0.27	30.29 2.43 -3.06	29.16 2.42 -3.08	28.15 2.24 -4.36	28.72 2.02 -6.47	29.52 1.72 -10.72	31.56 1.52 -14.67	32.95 1.87 -12.59	34.52 1.93 -13.08	40.35 2.19 -17.45	48.42 2.26 -24.82	46.30 2.25 -22.41	50.09 2.95 -17.32	45.92 2.86 -13.61	39.09 2.80 -7.08	33.95 2.41 -6.40	28.63 2.35 -4.28	25.56 2.14 -1.80
PPL PILGRIM_ST_GT2 24217	29.14 2.00 -7.29	23.90 1.74 -3.41	21.86 1.55 -3.76	21.28 1.47 -2.56	21.66 1.56 -1.92	23.40 1.64 -2.66	27.22 2.20 -0.27	30.29 2.43 -3.06	29.16 2.42 -3.08	28.15 2.24 -4.36	28.72 2.02 -6.47	29.52 1.72 -10.72	31.56 1.52 -14.67	32.95 1.87 -12.59	34.52 1.93 -13.08	40.35 2.19 -17.45	48.42 2.26 -24.82	46.30 2.25 -22.41	50.09 2.95 -17.32	45.92 2.86 -13.61	39.09 2.80 -7.08	33.95 2.41 -6.40	28.63 2.35 -4.28	25.56 2.14 -1.80
PPL_SHRM_GT3 24213	29.32 2.18 -7.29	24.09 1.93 -3.41	22.03 1.72 -3.76	21.44 1.62 -2.56	21.83 1.73 -1.92	23.58 1.82 -2.66	27.44 2.43 -0.27	30.53 2.68 -3.06	29.38 2.63 -3.08	28.31 2.39 -4.36	28.78 2.08 -6.47	29.57 1.78 -10.72	31.59 1.55 -14.67	33.04 1.96 -12.59	34.71 2.13 -13.08	40.56 2.40 -17.45	48.65 2.50 -24.82	46.53 2.49 -22.41	50.42 3.28 -17.32	46.27 3.21 -13.61	39.44 3.15 -7.08	34.26 2.72 -6.40	28.82 2.55 -4.28	25.75 2.34 -1.80
PPL_SHRM_GT4 24214	29.32 2.18 -7.29	24.09 1.93 -3.41	22.03 1.72 -3.76	21.44 1.62 -2.56	21.83 1.73 -1.92	23.58 1.82 -2.66	27.44 2.43 -0.27	30.53 2.68 -3.06	29.38 2.63 -3.08	28.31 2.39 -4.36	28.78 2.08 -6.47	29.57 1.78 -10.72	31.59 1.55 -14.67	33.04 1.96 -12.59	34.71 2.13 -13.08	40.56 2.40 -17.45	48.65 2.50 -24.82	46.53 2.49 -22.41	50.42 3.28 -17.32	46.27 3.21 -13.61	39.44 3.15 -7.08	34.26 2.72 -6.40	28.82 2.55 -4.28	25.75 2.34 -1.80
PROJECT___ORANGE 1 24174	20.06 -0.08 -0.30	18.81 -0.09 -0.16	16.69 -0.05 -0.20	17.31 -0.09 -0.14	18.19 -0.09 -0.10	19.17 -0.08 -0.14	24.86 0.10 -0.01	25.04 0.07 -0.16	23.91 0.07 -0.16	21.78 0.00 -0.23	20.44 -0.04 -0.25	17.47 -0.02 -0.41	15.86 0.00 -0.49	18.83 0.00 -0.35	19.78 -0.02 -0.30	20.91 -0.04 -0.24	21.87 -0.04 -0.57	22.36 0.04 -0.68	30.15 0.00 -0.34	29.73 0.03 -0.25	29.28 0.06 -0.02	25.26 0.08 -0.05	22.19 0.07 -0.13	21.68 0.04 -0.02
PROJECT___ORANGE 2 24166	20.06 -0.08 -0.30	18.81 -0.09 -0.16	16.69 -0.05 -0.20	17.31 -0.09 -0.14	18.19 -0.09 -0.10	19.17 -0.08 -0.14	24.86 0.10 -0.01	25.04 0.07 -0.16	23.91 0.07 -0.16	21.78 0.00 -0.23	20.44 -0.04 -0.25	17.47 -0.02 -0.41	15.86 0.00 -0.49	18.83 0.00 -0.35	19.78 -0.02 -0.30	20.91 -0.04 -0.24	21.87 -0.04 -0.57	22.36 0.04 -0.68	30.15 0.00 -0.34	29.73 0.03 -0.25	29.28 0.06 -0.02	25.26 0.08 -0.05	22.19 0.07 -0.13	21.68 0.04 -0.02

PUCKETT___SOLAR 323809	21.17 0.38 -0.95	19.63 0.37 -0.51	17.48 0.30 -0.64	18.02 0.33 -0.44	18.87 0.36 -0.33	19.97 0.42 -0.45	25.75 0.96 -0.05	25.71 0.42 -0.49	24.54 0.38 -0.49	22.49 0.24 -0.70	21.12 0.14 -0.74	18.42 0.12 -1.23	16.97 0.12 -1.48	19.66 0.13 -1.04	20.76 0.31 -0.94	21.80 0.33 -0.76	23.55 0.40 -1.80	24.40 0.61 -2.16	31.65 0.77 -1.06	31.05 0.80 -0.81	30.22 0.96 -0.05	26.09 0.80 -0.15	23.02 0.61 -0.41	22.32 0.65 -0.06
PYRITES___HYD 24023	19.39 -0.46 0.00	18.48 -0.26 0.00	16.28 -0.26 0.00	17.00 -0.26 0.00	17.96 -0.22 0.00	18.95 -0.15 0.00	24.22 -0.52 0.00	24.25 -0.55 0.00	23.10 -0.57 0.00	20.97 -0.58 0.00	19.66 -0.57 0.00	16.56 -0.51 0.00	14.83 -0.54 0.00	17.89 -0.59 0.00	18.88 -0.62 0.00	20.11 -0.60 0.00	20.70 -0.64 0.00	21.03 -0.61 0.00	29.28 -0.54 0.00	28.92 -0.53 0.00	28.56 -0.64 0.00	24.43 -0.70 0.00	21.25 -0.75 0.00	20.93 -0.69 0.00
QUAKERRD_115KV_BK1 80622	19.84 -0.38 -0.37	18.57 -0.37 -0.20	16.53 -0.26 -0.25	17.08 -0.35 -0.17	17.90 -0.40 -0.13	18.84 -0.44 -0.18	24.61 -0.15 -0.02	24.78 -0.22 -0.20	23.61 -0.26 -0.20	21.56 -0.28 -0.29	20.26 -0.28 -0.31	17.38 -0.20 -0.51	15.81 -0.17 -0.61	18.71 -0.20 -0.43	19.62 -0.25 -0.37	20.65 -0.35 -0.30	21.68 -0.36 -0.71	22.24 -0.24 -0.84	29.75 -0.48 -0.42	29.32 -0.44 -0.32	28.78 -0.44 -0.02	24.95 -0.25 -0.06	21.98 -0.18 -0.16	21.45 -0.19 -0.02
QUENSBRY_115KV_TB8 356137	28.67 1.53 -7.29	24.05 1.37 -3.93	22.57 1.12 -4.91	21.73 1.14 -3.34	21.95 1.27 -2.51	24.02 1.45 -3.47	27.32 2.23 -0.35	30.89 2.11 -3.98	29.63 2.01 -3.95	28.91 1.70 -5.65	27.84 1.58 -6.03	28.30 1.28 -9.95	28.36 1.00 -11.99	28.11 1.20 -8.42	27.94 1.25 -7.19	27.73 1.20 -5.82	35.77 1.28 -13.14	39.43 1.45 -16.34	40.05 2.09 -8.15	37.73 2.12 -6.16	31.88 2.28 -0.40	28.26 1.99 -1.14	26.76 1.61 -3.16	23.64 1.58 -0.44
RAMAPO___LBMP 323565	25.99 0.91 -5.23	22.37 0.81 -2.82	20.74 0.68 -3.52	20.39 0.74 -2.39	20.72 0.75 -1.80	22.31 0.73 -2.49	25.94 0.94 -0.25	28.70 1.04 -2.86	27.59 1.09 -2.83	26.64 1.03 -4.06	25.53 0.97 -4.32	25.03 0.82 -7.14	24.74 0.77 -8.60	25.44 0.91 -6.04	25.68 1.01 -5.15	26.03 1.14 -4.18	32.85 1.17 -10.34	34.76 1.17 -16.34	37.15 1.49 -8.15	35.26 1.38 -6.16	30.84 1.34 -0.40	27.14 1.18 -1.14	25.31 1.06 -3.16	22.95 1.02 -0.32
RANKINE____ 23646	20.35 0.02 -0.49	18.91 -0.09 -0.26	16.97 0.10 -0.33	17.44 -0.03 -0.22	18.22 -0.13 -0.17	19.10 -0.23 -0.23	25.38 0.62 -0.02	25.29 0.22 -0.27	24.10 0.17 -0.26	22.08 0.15 -0.38	20.72 0.08 -0.40	17.94 0.20 -0.67	16.37 0.20 -0.80	19.29 0.24 -0.56	20.12 0.14 -0.48	21.14 0.04 -0.39	22.24 -0.02 -0.92	22.94 0.19 -1.10	30.12 -0.24 -0.54	29.72 -0.15 -0.41	29.26 0.03 -0.03	25.31 0.10 -0.08	22.45 0.24 -0.21	22.17 0.52 -0.03
RAVENSWOOD_GT2_1 24244	26.53 1.09 -5.60	22.70 0.94 -3.02	21.10 0.79 -3.76	20.71 0.90 -2.56	20.99 0.89 -1.92	22.58 0.82 -2.66	26.08 1.06 -0.27	29.09 1.24 -3.05	28.05 1.35 -3.03	27.16 1.27 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.52 0.95 -9.20	26.06 1.11 -6.46	26.27 1.25 -5.51	26.58 1.41 -4.47	33.86 1.45 -11.07	35.81 1.38 -12.78	37.82 1.76 -6.25	35.83 1.65 -4.73	31.12 1.61 -0.31	27.40 1.38 -0.87	25.69 1.28 -2.42	23.19 1.23 -0.34
RAVENSWOOD_GT2_2 24245	26.53 1.09 -5.60	22.70 0.94 -3.02	21.10 0.79 -3.76	20.71 0.90 -2.56	20.99 0.89 -1.92	22.58 0.82 -2.66	26.08 1.06 -0.27	29.09 1.24 -3.05	28.05 1.35 -3.03	27.16 1.27 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.52 0.95 -9.20	26.06 1.11 -6.46	26.27 1.25 -5.51	26.58 1.41 -4.47	33.86 1.45 -11.07	35.81 1.38 -12.78	37.82 1.76 -6.25	35.83 1.65 -4.73	31.12 1.61 -0.31	27.40 1.38 -0.87	25.69 1.28 -2.42	23.19 1.23 -0.34
RAVENSWOOD_GT2_3 24246	26.53 1.09 -5.60	22.70 0.94 -3.02	21.10 0.79 -3.76	20.73 0.91 -2.56	21.01 0.91 -1.92	22.60 0.84 -2.66	26.10 1.09 -0.27	29.12 1.26 -3.05	28.05 1.35 -3.03	27.16 1.27 -4.34	26.07 1.21 -4.62	25.76 1.06 -7.63	25.53 0.97 -9.20	26.08 1.13 -6.46	26.27 1.25 -5.51	26.58 1.41 -4.47	33.86 1.45 -11.07	35.83 1.41 -12.78	37.85 1.79 -6.25	35.86 1.68 -4.73	31.15 1.64 -0.31	27.42 1.41 -0.87	25.71 1.30 -2.42	23.19 1.23 -0.34
RAVENSWOOD_GT2_4 24247	26.53 1.09 -5.60	22.70 0.94 -3.02	21.10 0.79 -3.76	20.73 0.91 -2.56	21.01 0.91 -1.92	22.60 0.84 -2.66	26.10 1.09 -0.27	29.12 1.26 -3.05	28.05 1.35 -3.03	27.16 1.27 -4.34	26.07 1.21 -4.62	25.76 1.06 -7.63	25.53 0.97 -9.20	26.08 1.13 -6.46	26.27 1.25 -5.51	26.58 1.41 -4.47	33.86 1.45 -11.07	35.83 1.41 -12.78	37.85 1.79 -6.25	35.86 1.68 -4.73	31.15 1.64 -0.31	27.42 1.41 -0.87	25.71 1.30 -2.42	23.19 1.23 -0.34
RAVENSWOOD_GT3_1 24248	26.53 1.09 -5.60	22.70 0.94 -3.02	21.10 0.79 -3.76	20.71 0.90 -2.56	21.01 0.91 -1.92	22.58 0.82 -2.66	26.08 1.06 -0.27	29.09 1.24 -3.05	28.05 1.35 -3.03	27.16 1.27 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.27 1.25 -5.51	26.58 1.41 -4.47	33.86 1.45 -11.07	35.81 1.38 -12.78	37.82 1.76 -6.25	35.83 1.65 -4.73	31.12 1.61 -0.31	27.40 1.38 -0.87	25.69 1.28 -2.42	23.19 1.23 -0.34
RAVENSWOOD_GT3_2 24249	26.53 1.09 -5.60	22.70 0.94 -3.02	21.10 0.79 -3.76	20.71 0.90 -2.56	21.01 0.91 -1.92	22.58 0.82 -2.66	26.08 1.06 -0.27	29.09 1.24 -3.05	28.05 1.35 -3.03	27.16 1.27 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.27 1.25 -5.51	26.58 1.41 -4.47	33.86 1.45 -11.07	35.81 1.38 -12.78	37.82 1.76 -6.25	35.83 1.65 -4.73	31.12 1.61 -0.31	27.40 1.38 -0.87	25.69 1.28 -2.42	23.19 1.23 -0.34
RAVENSWOOD_GT3_3 24250	26.55 1.11 -5.60	22.72 0.96 -3.02	21.12 0.81 -3.76	20.73 0.91 -2.56	21.02 0.93 -1.92	22.62 0.86 -2.66	26.13 1.11 -0.27	29.14 1.29 -3.05	28.08 1.37 -3.03	27.18 1.29 -4.34	26.09 1.23 -4.62	25.78 1.08 -7.63	25.55 0.98 -9.20	26.09 1.15 -6.46	26.29 1.27 -5.51	26.61 1.43 -4.47	33.90 1.49 -11.07	35.85 1.43 -12.78	37.88 1.82 -6.25	35.89 1.71 -4.73	31.18 1.66 -0.31	27.45 1.43 -0.87	25.74 1.32 -2.42	23.21 1.25 -0.34
RAVENSWOOD_GT3_4 24251	26.55 1.11 -5.60	22.72 0.96 -3.02	21.12 0.81 -3.76	20.73 0.91 -2.56	21.02 0.93 -1.92	22.62 0.86 -2.66	26.13 1.11 -0.27	29.14 1.29 -3.05	28.08 1.37 -3.03	27.18 1.29 -4.34	26.09 1.23 -4.62	25.78 1.08 -7.63	25.55 0.98 -9.20	26.09 1.15 -6.46	26.29 1.27 -5.51	26.61 1.43 -4.47	33.90 1.49 -11.07	35.85 1.43 -12.78	37.88 1.82 -6.25	35.89 1.71 -4.73	31.18 1.66 -0.31	27.45 1.43 -0.87	25.74 1.32 -2.42	23.21 1.25 -0.34
RAVENSWOOD_GT_1 23729	26.55 1.11 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.58 0.82 -2.66	26.05 1.04 -0.27	29.09 1.24 -3.05	28.03 1.32 -3.03	27.16 1.27 -4.34	26.07 1.21 -4.62	25.76 1.06 -7.63	25.55 0.98 -9.20	26.21 1.26 -6.46	26.27 1.25 -5.51	26.65 1.47 -4.47	33.97 1.56 -11.07	35.94 1.51 -12.78	37.97 1.91 -6.25	35.95 1.77 -4.73	31.09 1.58 -0.31	27.39 1.38 -0.87	25.76 1.34 -2.42	23.14 1.19 -0.34

RAVENSWOOD_GT_10 24258	26.53 1.09 -5.60	22.70 0.94 -3.02	21.10 0.79 -3.76	20.71 0.90 -2.56	21.01 0.91 -1.92	22.60 0.84 -2.66	26.10 1.09 -0.27	29.09 1.24 -3.05	28.05 1.35 -3.03	27.16 1.27 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.27 1.25 -5.51	26.58 1.41 -4.47	33.86 1.45 -11.07	35.81 1.38 -12.78	37.82 1.76 -6.25	35.83 1.65 -4.73	31.12 1.61 -0.31	27.42 1.41 -0.87	25.69 1.28 -2.42	23.19 1.23 -0.34
RAVENSWOOD_GT_11 24259	26.55 1.11 -5.60	22.70 0.94 -3.02	21.18 0.88 -3.76	20.71 0.90 -2.56	21.04 0.94 -1.92	22.64 0.88 -2.66	26.13 1.11 -0.27	29.14 1.29 -3.05	28.05 1.35 -3.03	27.16 1.27 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.54 0.97 -9.20	26.17 1.22 -6.46	26.27 1.25 -5.51	26.63 1.45 -4.47	33.95 1.54 -11.07	35.90 1.47 -12.78	37.94 1.88 -6.25	35.95 1.77 -4.73	31.15 1.63 -0.31	27.47 1.46 -0.87	25.78 1.36 -2.42	23.19 1.23 -0.34
RAVENSWOOD_GT_4 24252	26.53 1.09 -5.60	22.70 0.94 -3.02	21.10 0.79 -3.76	20.71 0.90 -2.56	21.01 0.91 -1.92	22.62 0.86 -2.66	26.10 1.09 -0.27	29.12 1.26 -3.05	28.05 1.35 -3.03	27.16 1.27 -4.34	26.07 1.21 -4.62	25.75 1.04 -7.63	25.53 0.97 -9.20	26.08 1.13 -6.46	26.27 1.25 -5.51	26.58 1.41 -4.47	33.86 1.45 -11.07	35.81 1.38 -12.78	37.85 1.79 -6.25	35.86 1.68 -4.73	31.15 1.64 -0.31	27.42 1.41 -0.87	25.71 1.30 -2.42	23.19 1.23 -0.34
RAVENSWOOD_GT_5 24254	26.53 1.09 -5.60	22.70 0.94 -3.02	21.10 0.79 -3.76	20.71 0.90 -2.56	21.01 0.91 -1.92	22.62 0.86 -2.66	26.10 1.09 -0.27	29.12 1.26 -3.05	28.05 1.35 -3.03	27.16 1.27 -4.34	26.07 1.21 -4.62	25.75 1.04 -7.63	25.53 0.97 -9.20	26.08 1.13 -6.46	26.27 1.25 -5.51	26.58 1.41 -4.47	33.86 1.45 -11.07	35.81 1.38 -12.78	37.85 1.79 -6.25	35.86 1.68 -4.73	31.15 1.64 -0.31	27.42 1.41 -0.87	25.71 1.30 -2.42	23.19 1.23 -0.34
RAVENSWOOD_GT_6 24253	26.53 1.09 -5.60	22.70 0.94 -3.02	21.10 0.79 -3.76	20.71 0.90 -2.56	21.01 0.91 -1.92	22.62 0.86 -2.66	26.10 1.09 -0.27	29.12 1.26 -3.05	28.05 1.35 -3.03	27.16 1.27 -4.34	26.07 1.21 -4.62	25.75 1.04 -7.63	25.53 0.97 -9.20	26.08 1.13 -6.46	26.27 1.25 -5.51	26.58 1.41 -4.47	33.86 1.45 -11.07	35.81 1.38 -12.78	37.85 1.79 -6.25	35.86 1.68 -4.73	31.15 1.64 -0.31	27.42 1.41 -0.87	25.71 1.30 -2.42	23.19 1.23 -0.34
RAVENSWOOD_GT_7 24255	26.53 1.09 -5.60	22.70 0.94 -3.02	21.10 0.79 -3.76	20.71 0.90 -2.56	21.01 0.91 -1.92	22.62 0.86 -2.66	26.10 1.09 -0.27	29.12 1.26 -3.05	28.05 1.35 -3.03	27.16 1.27 -4.34	26.07 1.21 -4.62	25.75 1.04 -7.63	25.53 0.97 -9.20	26.08 1.13 -6.46	26.27 1.25 -5.51	26.58 1.41 -4.47	33.86 1.45 -11.07	35.81 1.38 -12.78	37.85 1.79 -6.25	35.86 1.68 -4.73	31.15 1.64 -0.31	27.42 1.41 -0.87	25.71 1.30 -2.42	23.19 1.23 -0.34
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	26.53 1.09 -5.60	22.70 0.94 -3.02	21.10 0.79 -3.76	20.71 0.90 -2.56	21.01 0.91 -1.92	22.60 0.84 -2.66	26.10 1.09 -0.27	29.09 1.24 -3.05	28.05 1.35 -3.03	27.16 1.27 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.27 1.25 -5.51	26.58 1.41 -4.47	33.86 1.45 -11.07	35.81 1.38 -12.78	37.82 1.76 -6.25	35.83 1.65 -4.73	31.12 1.61 -0.31	27.42 1.41 -0.87	25.69 1.28 -2.42	23.19 1.23 -0.34
RAVENSWOOD_GT_9 24257	26.53 1.09 -5.60	22.70 0.94 -3.02	21.10 0.79 -3.76	20.71 0.90 -2.56	21.01 0.91 -1.92	22.60 0.84 -2.66	26.10 1.09 -0.27	29.09 1.24 -3.05	28.05 1.35 -3.03	27.16 1.27 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.27 1.25 -5.51	26.58 1.41 -4.47	33.86 1.45 -11.07	35.81 1.38 -12.78	37.82 1.76 -6.25	35.83 1.65 -4.73	31.12 1.61 -0.31	27.42 1.41 -0.87	25.69 1.28 -2.42	23.19 1.23 -0.34
RAVENSWOOD___1 23533	26.53 1.09 -5.60	22.68 0.92 -3.02	21.20 0.89 -3.76	20.73 0.91 -2.56	21.04 0.94 -1.92	22.58 0.82 -2.66	26.02 1.01 -0.27	29.09 1.24 -3.05	28.03 1.32 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.54 0.97 -9.20	26.19 1.24 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	33.97 1.56 -11.07	35.91 1.49 -12.78	37.94 1.88 -6.25	35.95 1.77 -4.73	31.06 1.55 -0.31	27.37 1.36 -0.87	25.74 1.32 -2.42	23.12 1.17 -0.34
RAVENSWOOD___2 23534	26.53 1.09 -5.60	22.66 0.90 -3.02	21.18 0.88 -3.76	20.71 0.90 -2.56	21.02 0.93 -1.92	22.58 0.82 -2.66	26.02 1.01 -0.27	29.07 1.21 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.52 0.95 -9.20	26.19 1.24 -6.46	26.25 1.23 -5.51	26.63 1.45 -4.47	33.95 1.54 -11.07	35.91 1.49 -12.78	37.94 1.88 -6.25	35.92 1.74 -4.73	31.06 1.55 -0.31	27.37 1.36 -0.87	25.74 1.32 -2.42	23.12 1.17 -0.34
RAVENSWOOD___3 23535	26.55 1.11 -5.60	22.70 0.94 -3.02	21.20 0.89 -3.76	20.71 0.90 -2.56	21.04 0.94 -1.92	22.64 0.88 -2.66	26.13 1.11 -0.27	29.14 1.29 -3.05	28.05 1.35 -3.03	27.16 1.27 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.54 0.97 -9.20	26.17 1.22 -6.46	26.27 1.25 -5.51	26.63 1.45 -4.47	33.95 1.54 -11.07	35.90 1.47 -12.78	37.94 1.88 -6.25	35.95 1.77 -4.73	31.15 1.63 -0.31	27.47 1.46 -0.87	25.78 1.36 -2.42	23.19 1.23 -0.34
RAVENSWOOD___4 23820	26.53 1.09 -5.60	22.66 0.90 -3.02	21.18 0.88 -3.76	20.71 0.90 -2.56	21.02 0.93 -1.92	22.56 0.80 -2.66	26.02 1.01 -0.27	29.07 1.21 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.75 1.04 -7.63	25.52 0.95 -9.20	26.17 1.22 -6.46	26.25 1.23 -5.51	26.60 1.43 -4.47	33.95 1.54 -11.07	35.91 1.49 -12.78	37.91 1.85 -6.25	35.92 1.74 -4.73	31.06 1.55 -0.31	27.37 1.36 -0.87	25.71 1.30 -2.42	23.12 1.17 -0.34
RCPL_TRUST___DRP 24196	26.55 1.11 -5.59	22.72 0.96 -3.02	21.12 0.81 -3.76	20.73 0.91 -2.56	21.02 0.93 -1.92	22.62 0.86 -2.66	26.13 1.11 -0.27	29.14 1.29 -3.05	28.08 1.37 -3.03	27.20 1.31 -4.34	26.09 1.23 -4.62	25.78 1.08 -7.63	25.55 0.98 -9.20	26.09 1.15 -6.46	26.29 1.27 -5.51	26.61 1.43 -4.47	33.88 1.47 -11.07	35.83 1.41 -12.78	37.88 1.82 -6.25	35.89 1.71 -4.73	31.18 1.66 -0.31	27.45 1.43 -0.87	25.71 1.30 -2.42	23.21 1.25 -0.34
RED___ROCHESTER 323720	20.46 0.24 -0.38	19.16 0.21 -0.21	16.98 0.18 -0.26	17.60 0.17 -0.17	18.42 0.11 -0.13	19.38 0.10 -0.18	25.53 0.77 -0.02	25.58 0.57 -0.21	24.42 0.54 -0.21	22.32 0.47 -0.29	20.95 0.40 -0.31	17.98 0.39 -0.52	16.36 0.37 -0.63	19.29 0.37 -0.44	20.29 0.41 -0.38	21.30 0.29 -0.31	22.36 0.30 -0.72	22.98 0.48 -0.87	30.51 0.27 -0.43	30.16 0.38 -0.32	29.81 0.58 -0.02	25.65 0.45 -0.06	22.62 0.46 -0.17	22.18 0.54 -0.02
REGAN___SOLAR 323812	28.57 1.39 -7.34	24.18 1.48 -3.96	22.55 1.07 -4.94	21.91 1.29 -3.36	22.13 1.44 -2.52	24.25 1.66 -3.49	27.85 2.75 -0.36	31.06 2.26 -4.01	29.68 2.04 -3.97	28.88 1.64 -5.69	27.73 1.44 -6.06	28.21 1.13 -10.01	28.45 1.01 -12.06	28.15 1.18 -8.48	28.02 1.29 -7.23	28.00 1.43 -5.86	36.30 1.62 -13.34	39.95 1.84 -16.47	40.63 2.62 -8.20	38.30 2.65 -6.20	32.62 3.01 -0.41	28.65 2.36 -1.15	26.93 1.76 -3.18	23.75 1.69 -0.44

RENSSELAER___COGEN 23796	27.42 0.42 -7.16	23.06 0.45 -3.86	21.77 0.41 -4.81	21.00 0.47 -3.27	21.12 0.49 -2.46	22.98 0.48 -3.40	25.73 0.64 -0.35	29.32 0.62 -3.91	28.11 0.57 -3.88	27.57 0.47 -5.55	26.59 0.44 -5.91	27.19 0.36 -9.76	27.47 0.34 -11.76	27.10 0.35 -8.27	26.95 0.39 -7.05	26.88 0.46 -5.71	34.74 0.47 -12.94	38.18 0.50 -16.04	38.49 0.69 -7.99	36.20 0.71 -6.05	30.27 0.67 -0.40	26.91 0.65 -1.12	25.69 0.59 -3.10	22.61 0.56 -0.43
REPUBLIC_115KV_BARTNBRK 55605	29.58 2.44 -7.29	24.95 2.27 -3.93	23.30 1.85 -4.90	22.44 1.85 -3.34	22.79 2.11 -2.51	24.97 2.41 -3.47	28.83 3.74 -0.35	32.27 3.50 -3.98	30.93 3.31 -3.95	29.98 2.78 -5.65	28.80 2.55 -6.02	29.07 2.05 -9.95	28.97 1.61 -11.98	28.83 1.92 -8.42	28.70 2.01 -7.18	28.56 2.03 -5.82	36.65 2.18 -13.13	40.44 2.47 -16.33	41.47 3.52 -8.14	39.20 3.59 -6.16	33.67 4.06 -0.40	29.60 3.32 -1.14	27.81 2.66 -3.16	24.63 2.57 -0.44
REVERE_CPPR_DRP 24186	20.33 0.32 -0.17	19.25 0.41 -0.09	16.99 0.33 -0.11	17.66 0.33 -0.08	18.63 0.40 -0.06	19.71 0.53 -0.08	25.69 0.94 -0.01	25.71 0.82 -0.09	24.50 0.73 -0.09	22.20 0.52 -0.13	20.75 0.38 -0.14	17.63 0.32 -0.23	15.88 0.23 -0.28	18.98 0.30 -0.19	19.98 0.31 -0.17	21.22 0.37 -0.13	22.08 0.43 -0.32	22.63 0.61 -0.38	30.92 0.92 -0.19	30.51 0.91 -0.14	30.09 0.88 -0.01	25.84 0.68 -0.03	22.62 0.55 -0.07	22.21 0.58 -0.01
REYNOLDS_115KV_TB3 80639	27.55 0.56 -7.15	23.19 0.58 -3.86	21.90 0.55 -4.81	21.10 0.57 -3.27	21.25 0.62 -2.46	23.15 0.65 -3.40	26.01 0.92 -0.35	29.57 0.87 -3.90	28.28 0.73 -3.87	27.74 0.65 -5.54	26.73 0.59 -5.91	27.33 0.50 -9.76	27.57 0.45 -11.76	27.30 0.55 -8.26	27.08 0.53 -7.05	26.96 0.54 -5.71	34.73 0.55 -12.83	38.23 0.58 -16.01	38.61 0.80 -7.99	36.32 0.82 -6.04	30.45 0.85 -0.40	27.01 0.75 -1.12	25.75 0.66 -3.10	22.74 0.69 -0.43
RIVERBAY____ 323610	26.65 1.21 -5.60	22.89 1.12 -3.02	21.23 0.93 -3.76	20.92 1.10 -2.56	21.19 1.09 -1.92	22.68 0.92 -2.66	26.23 1.21 -0.27	29.12 1.26 -3.05	28.08 1.37 -3.03	27.18 1.29 -4.34	26.09 1.23 -4.62	25.78 1.08 -7.63	25.55 0.98 -9.20	26.09 1.15 -6.46	26.27 1.25 -5.51	26.63 1.45 -4.47	33.95 1.54 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.89 1.71 -4.73	31.15 1.64 -0.31	27.40 1.38 -0.87	25.74 1.32 -2.42	23.32 1.36 -0.34
RIVERSDE_115KV_TB3 55908	27.51 0.50 -7.17	23.14 0.52 -3.87	21.88 0.51 -4.82	21.09 0.55 -3.28	21.24 0.60 -2.46	23.14 0.63 -3.41	26.01 0.92 -0.35	29.55 0.84 -3.91	28.24 0.69 -3.88	27.69 0.58 -5.56	26.68 0.53 -5.92	27.30 0.44 -9.78	27.55 0.40 -11.78	27.26 0.50 -8.28	27.04 0.47 -7.06	26.93 0.50 -5.72	34.74 0.49 -12.91	38.24 0.54 -16.06	38.56 0.75 -8.01	36.27 0.77 -6.06	30.39 0.79 -0.40	26.96 0.70 -1.12	25.71 0.62 -3.10	22.68 0.63 -0.43
ROARING___BROOK_WT_PWR 323790	19.63 -0.22 0.00	18.56 -0.19 0.00	16.38 -0.17 0.00	17.07 -0.19 0.00	17.99 -0.18 0.00	18.91 -0.19 0.00	24.57 -0.17 0.00	24.63 -0.17 0.00	23.46 -0.21 0.00	21.29 -0.26 0.00	19.97 -0.26 0.00	16.82 -0.26 0.00	15.11 -0.26 0.00	18.15 -0.33 0.00	19.19 -0.31 0.00	20.44 -0.27 0.00	21.15 -0.19 0.00	21.53 -0.11 0.00	29.75 -0.06 0.00	29.39 -0.06 0.00	29.14 -0.06 0.00	25.11 -0.03 0.00	21.97 -0.02 0.00	21.62 0.00 0.00
ROCHESRG_115KV_T4 355643	20.32 0.10 -0.38	18.97 0.02 -0.20	16.91 0.12 -0.26	17.46 0.03 -0.17	18.29 -0.02 -0.13	19.22 -0.06 -0.18	25.18 0.42 -0.02	25.35 0.35 -0.21	24.14 0.26 -0.21	22.06 0.22 -0.29	20.71 0.16 -0.31	17.80 0.20 -0.52	16.18 0.18 -0.62	19.16 0.24 -0.44	20.06 0.18 -0.37	21.12 0.10 -0.30	22.17 0.11 -0.72	22.76 0.26 -0.86	30.36 0.12 -0.42	29.92 0.15 -0.32	29.37 0.15 -0.02	25.50 0.30 -0.06	22.49 0.33 -0.16	21.96 0.32 -0.02
ROCHESTER_9_IC 23652	20.42 0.20 -0.38	19.08 0.13 -0.21	17.00 0.20 -0.26	17.55 0.12 -0.17	18.38 0.07 -0.13	19.34 0.06 -0.18	25.33 0.57 -0.02	25.53 0.52 -0.21	24.30 0.43 -0.21	22.19 0.34 -0.30	20.85 0.30 -0.32	17.90 0.31 -0.52	16.29 0.29 -0.63	19.28 0.35 -0.44	20.19 0.31 -0.38	21.26 0.25 -0.31	22.32 0.26 -0.72	22.89 0.39 -0.87	30.60 0.36 -0.43	30.16 0.38 -0.32	29.57 0.35 -0.02	25.68 0.48 -0.06	22.64 0.48 -0.17	22.07 0.43 -0.02
ROCKVIEW_13_KV_LD 356306	26.59 1.15 -5.60	22.76 0.99 -3.02	21.15 0.84 -3.76	20.75 0.93 -2.56	21.02 0.93 -1.92	22.68 0.92 -2.66	26.23 1.21 -0.27	29.22 1.36 -3.05	28.12 1.42 -3.03	27.22 1.34 -4.34	26.11 1.25 -4.62	25.78 1.08 -7.63	25.56 1.00 -9.20	26.11 1.16 -6.46	26.33 1.31 -5.51	26.65 1.47 -4.47	33.90 1.49 -11.07	35.90 1.47 -12.78	38.00 1.94 -6.25	35.98 1.80 -4.73	31.24 1.72 -0.31	27.52 1.51 -0.87	25.76 1.34 -2.42	23.23 1.28 -0.34
ROME____115KV_TB2 80656	20.33 0.32 -0.17	19.25 0.41 -0.09	16.99 0.33 -0.11	17.66 0.33 -0.08	18.63 0.40 -0.06	19.71 0.53 -0.08	25.69 0.94 -0.01	25.71 0.82 -0.09	24.50 0.73 -0.09	22.20 0.52 -0.13	20.75 0.38 -0.14	17.63 0.32 -0.23	15.88 0.23 -0.28	18.98 0.30 -0.19	19.98 0.31 -0.17	21.22 0.37 -0.13	22.08 0.43 -0.32	22.63 0.61 -0.38	30.92 0.92 -0.19	30.51 0.91 -0.14	30.09 0.88 -0.01	25.84 0.68 -0.03	22.62 0.55 -0.07	22.21 0.58 -0.01
ROSETON___1 23587	26.34 0.89 -5.60	22.56 0.79 -3.02	21.02 0.71 -3.77	20.54 0.72 -2.56	20.86 0.76 -1.92	22.51 0.74 -2.66	25.98 0.96 -0.27	28.90 1.04 -3.06	27.75 1.04 -3.03	26.87 0.97 -4.34	25.79 0.93 -4.63	25.50 0.79 -7.64	25.30 0.72 -9.21	25.86 0.91 -6.47	25.98 0.96 -5.52	26.28 1.10 -4.47	33.53 1.15 -11.04	35.57 1.15 -12.79	37.56 1.49 -6.26	35.60 1.41 -4.73	30.80 1.28 -0.31	27.20 1.18 -0.88	25.50 1.08 -2.42	22.95 0.99 -0.34
ROSETON___2 23588	26.34 0.89 -5.60	22.56 0.79 -3.02	21.02 0.71 -3.77	20.54 0.72 -2.56	20.86 0.76 -1.92	22.51 0.74 -2.66	25.98 0.96 -0.27	28.90 1.04 -3.06	27.75 1.04 -3.03	26.87 0.97 -4.34	25.79 0.93 -4.63	25.50 0.79 -7.64	25.30 0.72 -9.21	25.86 0.91 -6.47	25.98 0.96 -5.52	26.28 1.10 -4.47	33.53 1.15 -11.04	35.57 1.15 -12.79	37.56 1.49 -6.26	35.60 1.41 -4.73	30.80 1.28 -0.31	27.20 1.18 -0.88	25.50 1.08 -2.42	22.95 0.99 -0.34
ROTTRDAM_115KV_TB3 80664	27.96 0.77 -7.34	23.44 0.73 -3.96	22.09 0.61 -4.94	21.25 0.64 -3.36	21.39 0.69 -2.52	23.33 0.74 -3.49	26.19 1.09 -0.36	29.82 1.02 -4.01	28.64 0.99 -3.97	28.10 0.86 -5.69	27.10 0.81 -6.06	27.75 0.67 -10.01	28.02 0.58 -12.06	27.66 0.70 -8.48	27.48 0.74 -7.23	27.33 0.77 -5.86	35.49 0.81 -13.34	38.97 0.87 -16.47	39.20 1.19 -8.20	36.83 1.18 -6.20	30.84 1.23 -0.41	27.34 1.06 -1.15	26.05 0.88 -3.18	22.95 0.89 -0.44
RUSSELL___1 23602	20.52 0.30 -0.38	19.16 0.21 -0.21	17.06 0.26 -0.26	17.62 0.19 -0.17	18.45 0.15 -0.13	19.41 0.13 -0.18	25.45 0.69 -0.02	25.65 0.64 -0.21	24.42 0.54 -0.21	22.32 0.47 -0.30	20.95 0.40 -0.32	18.00 0.41 -0.52	16.37 0.37 -0.63	19.37 0.44 -0.44	20.29 0.41 -0.38	21.37 0.35 -0.31	22.43 0.36 -0.72	23.02 0.52 -0.87	30.78 0.54 -0.43	30.33 0.56 -0.32	29.78 0.55 -0.02	25.83 0.63 -0.06	22.75 0.59 -0.17	22.18 0.54 -0.02

RUSSELL___2 23532	20.52 0.30 -0.38	19.16 0.21 -0.21	17.06 0.26 -0.26	17.62 0.19 -0.17	18.45 0.15 -0.13	19.41 0.13 -0.18	25.45 0.69 -0.02	25.65 0.64 -0.21	24.42 0.54 -0.21	22.32 0.47 -0.30	20.95 0.40 -0.32	18.00 0.41 -0.52	16.37 0.37 -0.63	19.37 0.44 -0.44	20.29 0.41 -0.38	21.37 0.35 -0.31	22.43 0.36 -0.72	23.02 0.52 -0.87	30.78 0.54 -0.43	30.33 0.56 -0.32	29.78 0.55 -0.02	25.83 0.63 -0.06	22.75 0.59 -0.17	22.18 0.54 -0.02
RUSSELL___3 23549	20.52 0.30 -0.38	19.16 0.21 -0.21	17.06 0.26 -0.26	17.62 0.19 -0.17	18.45 0.15 -0.13	19.41 0.13 -0.18	25.45 0.69 -0.02	25.65 0.64 -0.21	24.42 0.54 -0.21	22.32 0.47 -0.30	20.95 0.40 -0.32	18.00 0.41 -0.52	16.37 0.37 -0.63	19.37 0.44 -0.44	20.29 0.41 -0.38	21.37 0.35 -0.31	22.43 0.36 -0.72	23.02 0.52 -0.87	30.78 0.54 -0.43	30.33 0.56 -0.32	29.78 0.55 -0.02	25.83 0.63 -0.06	22.75 0.59 -0.17	22.18 0.54 -0.02
RUSSELL___4 23556	20.52 0.30 -0.38	19.16 0.21 -0.21	17.06 0.26 -0.26	17.62 0.19 -0.17	18.45 0.15 -0.13	19.41 0.13 -0.18	25.45 0.69 -0.02	25.65 0.64 -0.21	24.42 0.54 -0.21	22.32 0.47 -0.30	20.95 0.40 -0.32	18.00 0.41 -0.52	16.37 0.37 -0.63	19.37 0.44 -0.44	20.29 0.41 -0.38	21.37 0.35 -0.31	22.43 0.36 -0.72	23.02 0.52 -0.87	30.78 0.54 -0.43	30.33 0.56 -0.32	29.78 0.55 -0.02	25.83 0.63 -0.06	22.75 0.59 -0.17	22.18 0.54 -0.02
RUSSELL___STATION 23914	20.52 0.30 -0.38	19.16 0.21 -0.21	17.06 0.26 -0.26	17.62 0.19 -0.17	18.45 0.15 -0.13	19.41 0.13 -0.18	25.45 0.69 -0.02	25.65 0.64 -0.21	24.42 0.54 -0.21	22.32 0.47 -0.30	20.95 0.40 -0.32	18.00 0.41 -0.52	16.37 0.37 -0.63	19.37 0.44 -0.44	20.29 0.41 -0.38	21.37 0.35 -0.31	22.43 0.36 -0.72	23.02 0.52 -0.87	30.78 0.54 -0.43	30.33 0.56 -0.32	29.78 0.55 -0.02	25.83 0.63 -0.06	22.75 0.59 -0.17	22.18 0.54 -0.02
S SALMON___HYD 24043	20.12 0.02 -0.25	18.92 0.04 -0.14	16.73 0.02 -0.17	17.39 0.02 -0.12	18.32 0.05 -0.09	19.33 0.12 -0.12	25.22 0.47 -0.01	25.33 0.40 -0.14	24.19 0.38 -0.14	21.94 0.19 -0.20	20.54 0.10 -0.21	17.50 0.09 -0.35	15.85 0.06 -0.42	18.80 0.02 -0.29	19.78 0.02 -0.25	20.89 -0.02 -0.20	21.82 0.00 -0.48	22.37 0.15 -0.57	30.31 0.21 -0.28	29.93 0.26 -0.21	29.54 0.32 -0.01	25.40 0.23 -0.04	22.30 0.20 -0.11	21.85 0.22 -0.02
S.PERRY___115KV_TB1 80734	21.17 0.81 -0.51	19.70 0.67 -0.28	17.58 0.69 -0.35	18.11 0.62 -0.24	18.99 0.64 -0.18	20.01 0.67 -0.24	26.33 1.56 -0.03	26.52 1.44 -0.28	25.18 1.23 -0.28	22.92 0.97 -0.40	21.47 0.81 -0.43	18.49 0.72 -0.70	16.86 0.65 -0.85	19.84 0.76 -0.59	20.74 0.72 -0.51	21.82 0.70 -0.41	23.12 0.81 -0.97	23.89 1.08 -1.16	31.79 1.40 -0.57	31.39 1.50 -0.43	30.84 1.61 -0.03	26.68 1.46 -0.08	23.51 1.30 -0.22	22.86 1.21 -0.03
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.25 -0.06 -0.47	18.85 -0.15 -0.25	16.91 0.05 -0.32	17.38 -0.09 -0.22	18.16 -0.18 -0.16	19.02 -0.31 -0.22	25.19 0.42 -0.02	25.13 0.07 -0.26	23.93 0.00 -0.26	21.94 0.02 -0.37	20.60 -0.02 -0.39	17.84 0.12 -0.64	16.25 0.11 -0.78	19.18 0.15 -0.54	20.01 0.04 -0.46	21.00 -0.08 -0.38	22.08 -0.15 -0.89	22.77 0.06 -1.06	29.92 -0.42 -0.53	29.50 -0.35 -0.40	28.99 -0.23 -0.03	25.16 -0.05 -0.07	22.33 0.13 -0.20	22.04 0.39 -0.03
SAWYER___23_KV_LOAD 55526	20.25 -0.06 -0.47	18.85 -0.15 -0.25	16.91 0.05 -0.32	17.38 -0.09 -0.22	18.16 -0.18 -0.16	19.02 -0.31 -0.22	25.19 0.42 -0.02	25.13 0.07 -0.26	23.93 0.00 -0.26	21.94 0.02 -0.37	20.60 -0.02 -0.39	17.84 0.12 -0.64	16.25 0.11 -0.78	19.18 0.15 -0.54	20.01 0.04 -0.46	21.00 -0.08 -0.38	22.08 -0.15 -0.89	22.77 0.06 -1.06	29.92 -0.42 -0.53	29.50 -0.35 -0.40	28.99 -0.23 -0.03	25.16 -0.05 -0.07	22.33 0.13 -0.20	22.04 0.39 -0.03
SELKIRK___I 23801	27.60 0.69 -7.06	23.23 0.67 -3.81	21.88 0.59 -4.75	21.12 0.64 -3.23	21.27 0.67 -2.43	23.16 0.71 -3.36	26.05 0.96 -0.34	29.57 0.92 -3.85	28.35 0.85 -3.82	27.73 0.71 -5.47	26.73 0.67 -5.83	27.25 0.55 -9.63	27.47 0.49 -11.61	27.21 0.57 -8.16	27.09 0.62 -6.96	27.05 0.70 -5.64	35.03 0.75 -12.94	38.31 0.80 -15.87	38.80 1.10 -7.89	36.54 1.12 -5.97	30.70 1.11 -0.39	27.22 0.98 -1.10	25.91 0.86 -3.06	22.85 0.80 -0.43
SELKIRK___II 23799	27.53 0.54 -7.15	23.13 0.52 -3.86	21.83 0.48 -4.81	21.04 0.52 -3.27	21.18 0.54 -2.46	23.03 0.53 -3.40	25.83 0.74 -0.35	29.42 0.72 -3.90	28.21 0.66 -3.87	27.68 0.58 -5.54	26.67 0.53 -5.91	27.27 0.44 -9.76	27.52 0.40 -11.75	27.21 0.46 -8.26	27.04 0.49 -7.04	26.98 0.56 -5.71	34.99 0.60 -13.05	38.33 0.63 -16.06	38.66 0.87 -7.99	36.35 0.85 -6.04	30.45 0.85 -0.40	27.01 0.75 -1.12	25.77 0.68 -3.09	22.70 0.65 -0.43
SENECA OSWGO___HYD 24041	20.27 0.14 -0.29	19.07 0.17 -0.15	16.83 0.10 -0.19	17.54 0.15 -0.13	18.46 0.18 -0.10	19.45 0.21 -0.14	25.30 0.54 -0.01	25.37 0.42 -0.16	24.25 0.43 -0.15	22.05 0.28 -0.22	20.69 0.22 -0.24	17.65 0.19 -0.39	16.04 0.20 -0.47	19.02 0.20 -0.33	20.00 0.21 -0.28	21.10 0.16 -0.23	22.07 0.19 -0.54	22.59 0.30 -0.65	30.49 0.36 -0.32	30.11 0.41 -0.24	29.74 0.53 -0.02	25.58 0.40 -0.04	22.43 0.31 -0.12	22.00 0.37 -0.02
SENECA___115KV_TB3 355854	20.39 0.06 -0.49	18.95 -0.06 -0.26	16.99 0.12 -0.33	17.48 0.00 -0.22	18.25 -0.09 -0.17	19.14 -0.19 -0.23	25.41 0.64 -0.02	25.34 0.27 -0.27	24.15 0.21 -0.26	22.12 0.19 -0.38	20.76 0.12 -0.40	17.98 0.24 -0.67	16.40 0.23 -0.80	19.33 0.28 -0.56	20.16 0.18 -0.48	21.18 0.08 -0.39	22.28 0.02 -0.92	22.96 0.22 -1.10	30.15 -0.21 -0.54	29.77 -0.09 -0.41	29.32 0.09 -0.03	25.37 0.15 -0.08	22.49 0.29 -0.21	22.21 0.56 -0.03
SENECA___ENERGY 23797	20.23 -0.02 -0.41	18.93 -0.04 -0.22	16.76 -0.05 -0.27	17.41 -0.03 -0.19	18.28 -0.04 -0.14	19.27 -0.02 -0.19	25.13 0.37 -0.02	25.24 0.22 -0.22	24.10 0.21 -0.22	21.97 0.11 -0.31	20.63 0.06 -0.33	17.69 0.07 -0.55	16.11 0.08 -0.67	19.01 0.06 -0.47	19.96 0.06 -0.40	21.03 0.00 -0.32	22.13 0.02 -0.77	22.73 0.17 -0.92	30.32 0.06 -0.45	29.91 0.12 -0.34	29.52 0.29 -0.02	25.40 0.20 -0.06	22.30 0.13 -0.18	21.81 0.17 -0.02
SHOEMAKER___GT 23640	25.40 0.77 -4.78	21.96 0.64 -2.58	20.37 0.61 -3.22	20.03 0.59 -2.19	20.44 0.62 -1.64	21.96 0.59 -2.27	25.77 0.79 -0.23	28.30 0.89 -2.61	27.14 0.88 -2.59	26.06 0.80 -3.71	24.93 0.75 -3.95	24.23 0.63 -6.52	23.81 0.58 -7.86	24.73 0.72 -5.52	25.00 0.78 -4.71	25.44 0.91 -3.82	31.71 0.94 -9.43	33.53 0.97 -10.92	36.43 1.28 -5.34	34.70 1.21 -4.04	30.58 1.11 -0.27	26.89 1.01 -0.75	24.97 0.90 -2.07	22.73 0.82 -0.29
SHOEMAKR_138KV_BK 111 55601	25.32 0.75 -4.72	21.93 0.64 -2.55	20.26 0.55 -3.18	20.00 0.59 -2.16	20.40 0.60 -1.62	21.92 0.57 -2.25	25.74 0.77 -0.23	28.22 0.84 -2.58	27.08 0.85 -2.56	26.01 0.80 -3.66	24.88 0.75 -3.90	24.13 0.61 -6.44	23.72 0.58 -7.76	24.62 0.68 -5.45	24.94 0.78 -4.65	25.37 0.89 -3.77	31.55 0.90 -9.31	33.33 0.91 -10.78	36.28 1.19 -5.27	34.56 1.12 -3.99	30.57 1.11 -0.26	26.81 0.93 -0.74	24.90 0.86 -2.04	22.73 0.82 -0.29

SHOREHAM_IC_1 23715	29.32 2.18 -7.29	24.09 1.93 -3.41	22.03 1.72 -3.76	21.44 1.62 -2.56	21.83 1.73 -1.92	23.58 1.82 -2.66	27.44 2.43 -0.27	30.53 2.68 -3.06	29.38 2.63 -3.08	28.31 2.39 -4.36	28.78 2.08 -6.47	29.57 1.78 -10.72	31.59 1.55 -14.67	33.04 1.96 -12.59	34.71 2.13 -13.08	40.56 2.40 -17.45	48.65 2.50 -24.82	46.53 2.49 -22.41	50.42 3.28 -17.32	46.27 3.21 -13.61	39.44 3.15 -7.08	34.26 2.72 -6.40	28.82 2.55 -4.28	25.75 2.34 -1.80
SHOREHAM_IC_2 23716	29.32 2.18 -7.29	24.09 1.93 -3.41	22.03 1.72 -3.76	21.44 1.62 -2.56	21.83 1.73 -1.92	23.58 1.82 -2.66	27.44 2.43 -0.27	30.53 2.68 -3.06	29.38 2.63 -3.08	28.31 2.39 -4.36	28.78 2.08 -6.47	29.57 1.78 -10.72	31.59 1.55 -14.67	33.04 1.96 -12.59	34.71 2.13 -13.08	40.56 2.40 -17.45	48.65 2.50 -24.82	46.53 2.49 -22.41	50.42 3.28 -17.32	46.27 3.21 -13.61	39.44 3.15 -7.08	34.26 2.72 -6.40	28.82 2.55 -4.28	25.75 2.34 -1.80
SISSONVILLE____ 23735	19.17 -0.67 0.00	18.22 -0.52 0.00	16.06 -0.48 0.00	16.79 -0.47 0.00	17.72 -0.45 0.00	18.66 -0.44 0.00	23.75 -0.99 0.00	23.86 -0.94 0.00	22.72 -0.95 0.00	20.67 -0.88 0.00	19.36 -0.87 0.00	16.30 -0.77 0.00	14.63 -0.74 0.00	17.64 -0.85 0.00	18.59 -0.92 0.00	19.80 -0.91 0.00	20.38 -0.96 0.00	20.69 -0.95 0.00	28.77 -1.04 0.00	28.45 -1.00 0.00	28.06 -1.14 0.00	24.06 -1.08 0.00	20.96 -1.03 0.00	20.62 -0.99 0.00
SITHE_IND_GS1 24169	19.63 -0.44 -0.22	18.45 -0.41 -0.12	16.33 -0.36 -0.15	16.98 -0.38 -0.10	17.85 -0.40 -0.08	18.78 -0.42 -0.11	24.38 -0.37 -0.01	24.47 -0.45 -0.12	23.37 -0.43 -0.12	21.31 -0.41 -0.17	20.01 -0.40 -0.18	17.03 -0.34 -0.30	15.44 -0.29 -0.36	18.37 -0.37 -0.25	19.33 -0.39 -0.22	20.45 -0.44 -0.18	21.31 -0.45 -0.42	21.75 -0.39 -0.50	29.43 -0.63 -0.25	29.05 -0.59 -0.19	28.69 -0.52 -0.01	24.69 -0.48 -0.03	21.67 -0.42 -0.10	21.26 -0.37 -0.01
SITHE_IND_GS2 24170	19.63 -0.44 -0.22	18.45 -0.41 -0.12	16.33 -0.36 -0.15	16.98 -0.38 -0.10	17.85 -0.40 -0.08	18.78 -0.42 -0.11	24.38 -0.37 -0.01	24.47 -0.45 -0.12	23.37 -0.43 -0.12	21.31 -0.41 -0.17	20.01 -0.40 -0.18	17.03 -0.34 -0.30	15.44 -0.29 -0.36	18.37 -0.37 -0.25	19.33 -0.39 -0.22	20.45 -0.44 -0.18	21.31 -0.45 -0.42	21.75 -0.39 -0.50	29.43 -0.63 -0.25	29.05 -0.59 -0.19	28.69 -0.52 -0.01	24.69 -0.48 -0.03	21.67 -0.42 -0.10	21.26 -0.37 -0.01
SITHE_IND_GS3 24171	19.63 -0.44 -0.22	18.45 -0.41 -0.12	16.33 -0.36 -0.15	16.98 -0.38 -0.10	17.85 -0.40 -0.08	18.78 -0.42 -0.11	24.38 -0.37 -0.01	24.47 -0.45 -0.12	23.37 -0.43 -0.12	21.31 -0.41 -0.17	20.01 -0.40 -0.18	17.03 -0.34 -0.30	15.44 -0.29 -0.36	18.37 -0.37 -0.25	19.33 -0.39 -0.22	20.45 -0.44 -0.18	21.31 -0.45 -0.42	21.75 -0.39 -0.50	29.43 -0.63 -0.25	29.05 -0.59 -0.19	28.69 -0.52 -0.01	24.69 -0.48 -0.03	21.67 -0.42 -0.10	21.26 -0.37 -0.01
SITHE_IND_GS4 24172	19.63 -0.44 -0.22	18.45 -0.41 -0.12	16.33 -0.36 -0.15	16.98 -0.38 -0.10	17.85 -0.40 -0.08	18.78 -0.42 -0.11	24.38 -0.37 -0.01	24.47 -0.45 -0.12	23.37 -0.43 -0.12	21.31 -0.41 -0.17	20.01 -0.40 -0.18	17.03 -0.34 -0.30	15.44 -0.29 -0.36	18.37 -0.37 -0.25	19.33 -0.39 -0.22	20.45 -0.44 -0.18	21.31 -0.45 -0.42	21.75 -0.39 -0.50	29.43 -0.63 -0.25	29.05 -0.59 -0.19	28.69 -0.52 -0.01	24.69 -0.48 -0.03	21.67 -0.42 -0.10	21.26 -0.37 -0.01
SITHE____BATAVIA 24024	20.53 0.26 -0.43	19.22 0.24 -0.23	17.03 0.20 -0.29	17.69 0.24 -0.20	18.47 0.14 -0.15	19.40 0.10 -0.20	25.88 1.11 -0.02	25.67 0.64 -0.23	24.49 0.59 -0.23	22.40 0.52 -0.33	21.01 0.43 -0.35	18.11 0.46 -0.58	16.48 0.42 -0.70	19.37 0.39 -0.49	20.36 0.43 -0.42	21.30 0.25 -0.34	22.41 0.26 -0.81	23.08 0.48 -0.97	30.38 0.09 -0.48	30.08 0.26 -0.36	29.84 0.61 -0.02	25.71 0.50 -0.07	22.66 0.48 -0.18	22.42 0.78 -0.03
SITHE____INDEPEND 23800	19.63 -0.44 -0.22	18.45 -0.41 -0.12	16.34 -0.35 -0.15	16.98 -0.38 -0.10	17.85 -0.40 -0.08	18.78 -0.42 -0.11	24.36 -0.40 -0.01	24.50 -0.42 -0.12	23.37 -0.43 -0.12	21.31 -0.41 -0.17	20.01 -0.40 -0.18	17.03 -0.34 -0.30	15.44 -0.29 -0.36	18.39 -0.35 -0.26	19.33 -0.39 -0.22	20.45 -0.43 -0.18	21.31 -0.45 -0.42	21.75 -0.39 -0.50	29.49 -0.57 -0.25	29.08 -0.56 -0.19	28.69 -0.53 -0.01	24.75 -0.43 -0.03	21.72 -0.37 -0.10	21.26 -0.37 -0.01
SITHE____MASSENA 23902	19.55 -0.30 0.00	18.54 -0.21 0.00	16.33 -0.22 0.00	17.08 -0.17 0.00	18.01 -0.16 0.00	18.93 -0.17 0.00	24.20 -0.54 0.00	24.28 -0.52 0.00	23.17 -0.50 0.00	21.12 -0.43 0.00	19.83 -0.40 0.00	16.71 -0.36 0.00	15.03 -0.34 0.00	18.12 -0.37 0.00	19.12 -0.39 0.00	20.29 -0.41 0.00	20.85 -0.49 0.00	21.06 -0.58 0.00	29.28 -0.54 0.00	28.89 -0.56 0.00	28.56 -0.64 0.00	24.53 -0.60 0.00	21.45 -0.55 0.00	21.10 -0.52 0.00
SITHE____OGDNSBRG 24021	19.49 -0.36 0.00	18.56 -0.19 0.00	16.34 -0.20 0.00	17.07 -0.19 0.00	18.03 -0.15 0.00	19.00 -0.10 0.00	24.32 -0.42 0.00	24.38 -0.42 0.00	23.22 -0.45 0.00	21.10 -0.45 0.00	19.79 -0.45 0.00	16.66 -0.41 0.00	14.95 -0.41 0.00	18.04 -0.44 0.00	19.02 -0.49 0.00	20.27 -0.43 0.00	20.85 -0.49 0.00	21.16 -0.48 0.00	29.42 -0.39 0.00	29.07 -0.38 0.00	28.71 -0.50 0.00	24.59 -0.55 0.00	21.38 -0.62 0.00	21.03 -0.58 0.00
SITHE____STERLING 23777	20.34 0.30 -0.19	19.23 0.37 -0.10	16.94 0.26 -0.13	17.66 0.31 -0.09	18.61 0.36 -0.07	19.65 0.46 -0.09	25.59 0.84 -0.01	25.62 0.72 -0.11	24.44 0.66 -0.11	22.16 0.45 -0.15	20.76 0.36 -0.16	17.64 0.31 -0.26	15.93 0.25 -0.32	19.00 0.29 -0.22	20.01 0.31 -0.19	21.22 0.35 -0.15	22.09 0.38 -0.37	22.60 0.52 -0.44	30.74 0.71 -0.22	30.32 0.71 -0.16	29.97 0.76 -0.01	25.77 0.60 -0.03	22.52 0.44 -0.08	22.15 0.52 -0.01
SLEIGHT__34_KV_TB1 80719	20.68 0.46 -0.38	19.38 0.43 -0.21	17.21 0.41 -0.26	17.81 0.38 -0.18	18.74 0.44 -0.13	19.78 0.50 -0.18	25.70 0.94 -0.02	25.95 0.94 -0.21	24.75 0.88 -0.21	22.54 0.69 -0.30	21.11 0.57 -0.32	18.09 0.50 -0.52	16.47 0.48 -0.63	19.50 0.57 -0.44	20.45 0.57 -0.38	21.55 0.54 -0.31	22.66 0.60 -0.72	23.24 0.74 -0.87	31.25 1.01 -0.43	30.81 1.03 -0.32	30.33 1.11 -0.02	26.15 0.96 -0.06	22.97 0.81 -0.17	22.33 0.69 -0.02
SOUTH CAIRO____GT 23612	27.50 0.93 -6.73	23.27 0.90 -3.63	21.88 0.81 -4.52	21.21 0.88 -3.08	21.39 0.91 -2.31	23.18 0.88 -3.20	26.55 1.48 -0.33	29.73 1.26 -3.67	28.36 1.04 -3.64	27.58 0.82 -5.21	26.50 0.71 -5.56	26.76 0.51 -9.18	26.90 0.48 -11.06	26.77 0.52 -7.77	26.76 0.62 -6.63	26.82 0.74 -5.37	34.78 1.02 -12.42	37.84 1.06 -15.14	38.99 1.67 -7.51	36.78 1.65 -5.68	31.42 1.84 -0.37	27.72 1.53 -1.05	26.00 1.10 -2.91	23.21 1.19 -0.41
SOUTH HAMPTN____IC 23720	29.63 2.50 -7.29	24.35 2.19 -3.41	22.29 1.98 -3.76	21.68 1.86 -2.56	22.06 1.96 -1.92	23.84 2.08 -2.66	27.78 2.77 -0.27	30.93 3.07 -3.06	29.78 3.03 -3.08	28.69 2.78 -4.36	29.06 2.37 -6.47	29.81 2.01 -10.72	31.82 1.78 -14.67	33.30 2.22 -12.59	35.08 2.50 -13.08	40.97 2.82 -17.45	49.10 2.95 -24.82	46.99 2.94 -22.41	51.04 3.90 -17.32	46.86 3.80 -13.61	39.99 3.71 -7.08	34.68 3.14 -6.40	29.20 2.93 -4.28	26.08 2.66 -1.80

SOUTHDOW_115KV_TB1 355954	20.94 0.58 -0.52	19.50 0.47 -0.28	17.45 0.56 -0.35	17.94 0.45 -0.24	18.75 0.40 -0.18	19.75 0.40 -0.25	26.30 1.53 -0.03	26.20 1.12 -0.28	25.04 1.09 -0.28	22.95 0.99 -0.40	21.51 0.85 -0.43	18.66 0.87 -0.71	17.01 0.78 -0.86	20.01 0.92 -0.60	20.84 0.82 -0.51	21.91 0.79 -0.42	23.03 0.70 -0.99	23.75 0.93 -1.18	31.14 0.75 -0.58	30.78 0.88 -0.44	30.37 1.14 -0.03	26.15 0.93 -0.08	23.14 0.92 -0.23	22.86 1.21 -0.03
SOUTHOLD_69_KV_BK 2 55809	29.95 2.82 -7.29	24.68 2.53 -3.41	22.41 2.10 -3.76	21.96 2.14 -2.56	22.30 2.20 -1.92	24.13 2.37 -2.66	27.81 2.80 -0.27	31.30 3.45 -3.06	30.18 3.43 -3.08	29.06 3.15 -4.36	28.96 2.27 -6.47	29.72 1.93 -10.72	31.73 1.69 -14.67	33.17 2.09 -12.59	35.47 2.89 -13.08	41.39 3.23 -17.45	49.47 3.31 -24.82	47.40 3.35 -22.41	51.64 4.50 -17.33	47.39 4.33 -13.61	40.58 4.29 -7.08	35.11 3.57 -6.40	29.46 3.19 -4.28	26.47 3.05 -1.80
SOUTHOLD___IC 23719	29.95 2.82 -7.29	24.68 2.53 -3.41	22.52 2.22 -3.76	21.95 2.14 -2.56	22.37 2.27 -1.92	24.17 2.41 -2.66	28.23 3.22 -0.27	31.35 3.50 -3.06	30.18 3.43 -3.08	29.06 3.15 -4.36	28.96 2.27 -6.47	29.72 1.93 -10.72	31.73 1.69 -14.67	33.24 2.16 -12.59	35.47 2.89 -13.08	41.43 3.27 -17.45	49.55 3.39 -24.82	47.46 3.42 -22.41	51.70 4.56 -17.32	47.48 4.42 -13.61	40.58 4.29 -7.08	35.13 3.59 -6.40	29.53 3.25 -4.28	26.47 3.05 -1.80
SPIERFLS_115KV_TB 1 80737	28.55 1.41 -7.30	23.97 1.29 -3.94	22.49 1.04 -4.91	21.66 1.07 -3.34	21.88 1.20 -2.51	23.92 1.36 -3.47	27.15 2.05 -0.35	30.74 1.96 -3.98	29.47 1.85 -3.95	28.80 1.59 -5.65	27.72 1.46 -6.03	28.20 1.18 -9.95	28.28 0.92 -11.99	28.02 1.11 -8.43	27.83 1.13 -7.19	27.61 1.08 -5.83	35.65 1.15 -13.15	39.29 1.30 -16.35	39.84 1.88 -8.15	37.53 1.91 -6.16	31.65 2.04 -0.40	28.09 1.81 -1.14	26.63 1.47 -3.16	23.55 1.49 -0.44
ST LAWRENCE____ 23600	19.43 -0.42 0.00	18.41 -0.34 0.00	16.23 -0.31 0.00	16.95 -0.31 0.00	17.87 -0.31 0.00	18.77 -0.32 0.00	24.02 -0.72 0.00	24.13 -0.67 0.00	23.03 -0.64 0.00	21.01 -0.54 0.00	19.75 -0.49 0.00	16.65 -0.43 0.00	14.97 -0.40 0.00	18.04 -0.44 0.00	19.02 -0.49 0.00	20.19 -0.52 0.00	20.76 -0.58 0.00	20.97 -0.67 0.00	29.10 -0.72 0.00	28.72 -0.74 0.00	28.41 -0.79 0.00	24.43 -0.70 0.00	21.36 -0.64 0.00	21.01 -0.61 0.00
STATE_CA_115KV_115_LB 55624	27.54 0.50 -7.20	23.17 0.54 -3.88	21.91 0.53 -4.84	21.12 0.57 -3.29	21.27 0.62 -2.47	23.17 0.65 -3.42	26.06 0.96 -0.35	29.62 0.89 -3.93	28.26 0.69 -3.90	27.71 0.58 -5.58	26.71 0.53 -5.95	27.32 0.43 -9.82	27.60 0.40 -11.83	27.28 0.48 -8.31	27.07 0.47 -7.09	26.95 0.50 -5.75	34.85 0.51 -13.00	38.34 0.56 -16.13	38.63 0.78 -8.04	36.33 0.80 -6.08	30.45 0.85 -0.40	26.99 0.73 -1.12	25.73 0.62 -3.12	22.68 0.63 -0.44
STATE_ST_34_KV_LOAD 55959	20.56 0.32 -0.40	19.13 0.17 -0.22	16.98 0.17 -0.27	17.56 0.12 -0.18	18.48 0.16 -0.14	19.48 0.19 -0.19	25.26 0.49 -0.02	25.66 0.64 -0.22	24.50 0.62 -0.22	22.32 0.45 -0.31	20.91 0.34 -0.33	17.93 0.31 -0.55	16.34 0.31 -0.66	19.32 0.37 -0.46	20.27 0.37 -0.40	21.38 0.35 -0.32	22.48 0.38 -0.76	23.05 0.50 -0.91	30.98 0.72 -0.45	30.53 0.74 -0.34	30.04 0.82 -0.02	25.88 0.68 -0.06	22.76 0.59 -0.17	21.97 0.32 -0.02
STATION 5_MISC_HYD 23604	20.38 0.16 -0.38	19.08 0.13 -0.21	16.90 0.10 -0.26	17.55 0.12 -0.17	18.34 0.04 -0.13	19.30 0.02 -0.18	25.40 0.64 -0.02	25.45 0.45 -0.21	24.28 0.40 -0.21	22.19 0.34 -0.29	20.85 0.30 -0.31	17.90 0.31 -0.52	16.29 0.29 -0.63	19.20 0.28 -0.44	20.19 0.31 -0.38	21.20 0.19 -0.31	22.25 0.19 -0.72	22.85 0.35 -0.87	30.33 0.09 -0.43	29.98 0.21 -0.32	29.60 0.38 -0.02	25.50 0.30 -0.06	22.51 0.35 -0.17	22.10 0.45 -0.02
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.43 0.20 -0.38	19.12 0.17 -0.21	17.02 0.22 -0.26	17.59 0.16 -0.18	18.45 0.15 -0.13	19.43 0.15 -0.18	25.38 0.62 -0.02	25.55 0.55 -0.21	24.35 0.47 -0.21	22.22 0.37 -0.30	20.85 0.30 -0.32	17.90 0.31 -0.52	16.28 0.28 -0.63	19.26 0.33 -0.44	20.20 0.31 -0.38	21.26 0.25 -0.31	22.34 0.28 -0.73	22.94 0.43 -0.87	30.72 0.48 -0.43	30.28 0.50 -0.32	29.75 0.53 -0.02	25.73 0.53 -0.06	22.64 0.48 -0.17	22.07 0.43 -0.02
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.28 0.06 -0.38	18.95 0.00 -0.20	16.90 0.10 -0.26	17.43 0.00 -0.17	18.27 -0.04 -0.13	19.22 -0.06 -0.18	25.16 0.40 -0.02	25.35 0.35 -0.21	24.14 0.26 -0.21	22.06 0.22 -0.29	20.71 0.16 -0.31	17.80 0.20 -0.52	16.18 0.18 -0.62	19.15 0.22 -0.44	20.08 0.20 -0.37	21.14 0.12 -0.30	22.19 0.13 -0.72	22.76 0.26 -0.86	30.42 0.18 -0.42	29.98 0.21 -0.32	29.43 0.20 -0.02	25.50 0.30 -0.06	22.49 0.33 -0.16	21.92 0.28 -0.02
STA_56___34_KV_BUS2 355983	20.28 0.06 -0.38	18.95 0.00 -0.20	16.90 0.10 -0.26	17.43 0.00 -0.17	18.27 -0.04 -0.13	19.22 -0.06 -0.18	25.16 0.40 -0.02	25.35 0.35 -0.21	24.14 0.26 -0.21	22.06 0.22 -0.29	20.71 0.16 -0.31	17.80 0.20 -0.52	16.18 0.18 -0.62	19.15 0.22 -0.44	20.08 0.20 -0.37	21.14 0.12 -0.30	22.19 0.13 -0.72	22.76 0.26 -0.86	30.42 0.18 -0.42	29.98 0.21 -0.32	29.43 0.20 -0.02	25.50 0.30 -0.06	22.49 0.33 -0.16	21.92 0.28 -0.02
STA_67___115KV_BK2 355882	20.38 0.16 -0.38	19.05 0.09 -0.21	16.98 0.18 -0.26	17.52 0.09 -0.17	18.34 0.04 -0.13	19.30 0.02 -0.18	25.28 0.52 -0.02	25.45 0.45 -0.21	24.23 0.36 -0.21	22.15 0.30 -0.30	20.79 0.24 -0.32	17.87 0.27 -0.52	16.26 0.26 -0.63	19.24 0.31 -0.44	20.14 0.25 -0.38	21.20 0.19 -0.30	22.25 0.19 -0.72	22.85 0.35 -0.86	30.51 0.27 -0.43	30.07 0.29 -0.32	29.52 0.29 -0.02	25.60 0.40 -0.06	22.60 0.44 -0.17	22.03 0.39 -0.02
STA_7___115KV_9TRANS 80674	20.52 0.30 -0.38	19.16 0.21 -0.21	17.06 0.26 -0.26	17.62 0.19 -0.17	18.45 0.15 -0.13	19.41 0.13 -0.18	25.45 0.69 -0.02	25.65 0.64 -0.21	24.42 0.54 -0.21	22.32 0.47 -0.30	20.95 0.40 -0.32	18.00 0.41 -0.52	16.37 0.37 -0.63	19.37 0.44 -0.44	20.29 0.41 -0.38	21.37 0.35 -0.31	22.43 0.36 -0.72	23.02 0.52 -0.87	30.78 0.54 -0.43	30.33 0.56 -0.32	29.78 0.55 -0.02	25.83 0.63 -0.06	22.75 0.59 -0.17	22.18 0.54 -0.02
STA_82___115KV_TB1 80780	20.41 0.18 -0.38	19.05 0.09 -0.21	16.98 0.18 -0.26	17.53 0.10 -0.18	18.36 0.05 -0.13	19.30 0.02 -0.18	25.31 0.54 -0.02	25.48 0.47 -0.21	24.26 0.38 -0.21	22.17 0.32 -0.30	20.81 0.26 -0.32	17.89 0.29 -0.52	16.26 0.26 -0.63	19.24 0.31 -0.44	20.16 0.27 -0.38	21.22 0.21 -0.31	22.28 0.21 -0.73	22.88 0.37 -0.87	30.54 0.30 -0.43	30.10 0.32 -0.32	29.54 0.32 -0.02	25.63 0.43 -0.06	22.60 0.44 -0.17	22.05 0.41 -0.02
STEEL___WIND 323596	20.29 -0.04 -0.49	18.93 -0.07 -0.26	16.79 -0.08 -0.33	17.44 -0.03 -0.22	18.20 -0.15 -0.17	19.08 -0.25 -0.23	25.51 0.74 -0.02	25.19 0.12 -0.26	24.10 0.17 -0.26	22.10 0.17 -0.38	20.73 0.10 -0.40	17.96 0.22 -0.66	16.38 0.22 -0.80	19.19 0.15 -0.56	20.14 0.16 -0.48	21.04 -0.06 -0.39	22.13 -0.13 -0.92	22.87 0.13 -1.10	29.76 -0.60 -0.54	29.42 -0.44 -0.41	29.32 0.09 -0.03	25.32 0.10 -0.08	22.29 0.09 -0.21	22.19 0.54 -0.03

STEPHTWN_115KV_BK_2 55603	27.63 0.63 -7.16	23.28 0.67 -3.86	22.00 0.65 -4.81	21.19 0.66 -3.27	21.36 0.73 -2.46	23.28 0.78 -3.40	26.25 1.16 -0.35	29.80 1.09 -3.91	28.42 0.88 -3.88	27.83 0.73 -5.55	26.81 0.67 -5.91	27.36 0.53 -9.76	27.62 0.49 -11.76	27.34 0.59 -8.27	27.14 0.59 -7.05	27.04 0.62 -5.71	34.94 0.66 -12.94	38.42 0.74 -16.04	38.85 1.04 -7.99	36.53 1.03 -6.05	30.71 1.11 -0.40	27.16 0.90 -1.12	25.86 0.77 -3.10	22.85 0.80 -0.43
STEUBEN_REC_LFGE 323667	20.97 0.50 -0.63	19.52 0.43 -0.34	17.46 0.50 -0.43	17.98 0.43 -0.29	18.83 0.44 -0.22	19.84 0.44 -0.30	26.06 1.29 -0.03	26.14 0.99 -0.35	24.87 0.85 -0.34	22.71 0.67 -0.49	21.28 0.53 -0.52	18.43 0.50 -0.86	16.86 0.45 -1.04	19.75 0.54 -0.73	20.62 0.49 -0.62	21.67 0.46 -0.51	23.05 0.51 -1.20	23.83 0.76 -1.43	31.35 0.83 -0.71	30.90 0.91 -0.54	30.41 1.17 -0.04	26.22 0.98 -0.10	23.17 0.90 -0.27	22.67 1.02 -0.04
STONY__BROOK 24151	29.24 2.10 -7.29	23.94 1.78 -3.41	21.94 1.64 -3.76	21.30 1.48 -2.56	21.68 1.58 -1.92	23.42 1.66 -2.66	27.24 2.23 -0.27	30.41 2.55 -3.06	29.31 2.56 -3.08	28.26 2.35 -4.36	28.82 2.12 -6.47	29.60 1.81 -10.72	31.63 1.60 -14.67	33.06 1.98 -12.59	34.69 2.11 -13.08	40.50 2.34 -17.45	48.55 2.39 -24.82	46.36 2.32 -22.41	50.12 2.98 -17.32	46.01 2.94 -13.61	39.26 2.98 -7.08	34.15 2.61 -6.40	28.73 2.46 -4.28	25.60 2.18 -1.80
STURGEON_POOL_HYD 23609	26.40 0.81 -5.75	22.58 0.73 -3.10	21.00 0.60 -3.87	20.56 0.67 -2.63	20.80 0.65 -1.97	22.40 0.57 -2.73	25.89 0.87 -0.28	28.73 0.79 -3.14	27.66 0.88 -3.11	26.85 0.84 -4.45	25.77 0.79 -4.75	25.58 0.67 -7.84	25.43 0.61 -9.45	25.84 0.72 -6.64	26.01 0.84 -5.66	26.27 0.97 -4.59	33.57 1.20 -11.03	35.66 0.97 -13.05	37.54 1.31 -6.42	35.51 1.21 -4.86	30.81 1.28 -0.32	26.99 0.96 -0.90	25.36 0.88 -2.49	23.03 1.06 -0.35
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.65 0.83 -4.98	22.16 0.73 -2.68	20.50 0.61 -3.35	20.21 0.67 -2.28	20.56 0.67 -1.71	22.13 0.67 -2.37	25.85 0.87 -0.24	28.43 0.92 -2.72	27.31 0.95 -2.70	26.29 0.88 -3.86	25.17 0.83 -4.11	24.56 0.70 -6.79	24.21 0.66 -8.18	25.01 0.78 -5.75	25.29 0.88 -4.90	25.68 0.99 -3.97	32.16 1.00 -9.82	34.00 1.00 -11.36	36.71 1.34 -5.56	34.89 1.24 -4.20	30.68 1.20 -0.28	26.95 1.03 -0.78	25.07 0.92 -2.15	22.85 0.93 -0.30
SWANROAD_115KV_TB1 355699	19.92 -0.38 -0.45	18.54 -0.45 -0.25	16.63 -0.22 -0.31	17.10 -0.36 -0.21	17.86 -0.47 -0.16	18.70 -0.61 -0.22	24.76 0.00 -0.02	24.70 -0.35 -0.25	23.52 -0.40 -0.25	21.56 -0.34 -0.35	20.22 -0.38 -0.38	17.51 -0.19 -0.62	15.96 -0.15 -0.75	18.83 -0.18 -0.53	19.64 -0.31 -0.45	20.62 -0.46 -0.36	21.67 -0.53 -0.86	22.34 -0.32 -1.03	29.37 -0.95 -0.51	28.95 -0.88 -0.38	28.44 -0.79 -0.03	24.73 -0.48 -0.07	21.95 -0.24 -0.20	21.67 0.02 -0.03
SYNERGY__BIOGAS 323694	20.53 0.26 -0.43	19.22 0.24 -0.23	17.03 0.20 -0.29	17.69 0.24 -0.20	18.47 0.14 -0.15	19.40 0.10 -0.20	25.88 1.11 -0.02	25.67 0.64 -0.23	24.49 0.59 -0.23	22.40 0.52 -0.33	21.01 0.43 -0.35	18.11 0.46 -0.58	16.48 0.42 -0.70	19.37 0.39 -0.49	20.36 0.43 -0.42	21.30 0.25 -0.34	22.41 0.26 -0.81	23.08 0.48 -0.97	30.38 0.09 -0.48	30.08 0.26 -0.36	29.84 0.61 -0.02	25.71 0.50 -0.07	22.66 0.48 -0.18	22.42 0.78 -0.03
SYRACUSE__ENERGY_ST1 323597	20.25 0.08 -0.33	19.00 0.07 -0.18	16.85 0.08 -0.22	17.46 0.05 -0.15	18.38 0.09 -0.11	19.35 0.10 -0.16	25.08 0.32 -0.02	25.25 0.27 -0.18	24.11 0.26 -0.18	21.96 0.15 -0.26	20.61 0.10 -0.27	17.63 0.10 -0.45	16.02 0.11 -0.54	19.00 0.13 -0.38	19.95 0.12 -0.33	21.08 0.10 -0.26	22.07 0.11 -0.63	22.58 0.19 -0.75	30.42 0.24 -0.37	30.00 0.27 -0.28	29.54 0.32 -0.02	25.47 0.28 -0.05	22.38 0.24 -0.14	21.85 0.22 -0.02
SYRACUSE__ENERGY_ST2 323598	20.25 0.08 -0.33	19.00 0.07 -0.18	16.85 0.08 -0.22	17.46 0.05 -0.15	18.38 0.09 -0.11	19.35 0.10 -0.16	25.08 0.32 -0.02	25.25 0.27 -0.18	24.11 0.26 -0.18	21.96 0.15 -0.26	20.61 0.10 -0.27	17.63 0.10 -0.45	16.02 0.11 -0.54	19.00 0.13 -0.38	19.95 0.12 -0.33	21.08 0.10 -0.26	22.07 0.11 -0.63	22.58 0.19 -0.75	30.42 0.24 -0.37	30.00 0.27 -0.28	29.54 0.32 -0.02	25.47 0.28 -0.05	22.38 0.24 -0.14	21.85 0.22 -0.02
SYRACUSE__POWER 24017	20.17 -0.02 -0.34	18.89 -0.04 -0.19	16.76 -0.02 -0.23	17.36 -0.05 -0.16	18.26 -0.04 -0.12	19.24 -0.02 -0.16	24.93 0.17 -0.02	25.13 0.15 -0.19	23.98 0.12 -0.19	21.86 0.04 -0.27	20.53 0.02 -0.28	17.56 0.02 -0.47	15.98 0.05 -0.56	18.92 0.04 -0.40	19.88 0.04 -0.34	20.98 0.00 -0.27	22.01 0.02 -0.65	22.50 0.09 -0.78	30.28 0.09 -0.38	29.86 0.12 -0.29	29.40 0.18 -0.02	25.32 0.13 -0.05	22.27 0.13 -0.15	21.72 0.09 -0.02
TALLMAN__138KV_BK151 55660	26.01 0.95 -5.21	22.40 0.84 -2.81	20.76 0.71 -3.51	20.42 0.78 -2.39	20.75 0.78 -1.79	22.34 0.76 -2.48	25.99 0.99 -0.25	28.73 1.09 -2.85	27.63 1.14 -2.82	26.67 1.08 -4.04	25.55 1.01 -4.31	25.05 0.87 -7.11	24.74 0.80 -8.57	25.45 0.94 -6.02	25.71 1.07 -5.14	26.07 1.20 -4.16	32.87 1.24 -10.30	34.76 1.21 -11.91	37.21 1.58 -5.82	35.33 1.47 -4.40	30.89 1.40 -0.29	27.18 1.23 -0.81	25.35 1.10 -2.26	23.01 1.08 -0.32
TEALLAVE_115KV_TB7 355573	20.06 -0.08 -0.30	18.81 -0.09 -0.16	16.68 -0.07 -0.20	17.31 -0.09 -0.14	18.19 -0.09 -0.10	19.16 -0.08 -0.14	24.86 0.10 -0.01	25.03 0.07 -0.16	23.88 0.05 -0.16	21.76 -0.02 -0.23	20.44 -0.04 -0.25	17.46 -0.02 -0.41	15.86 0.00 -0.49	18.83 0.00 -0.34	19.78 -0.02 -0.29	20.88 -0.06 -0.24	21.86 -0.04 -0.56	22.33 0.02 -0.67	30.14 0.00 -0.33	29.70 0.00 -0.25	29.28 0.06 -0.02	25.23 0.05 -0.05	22.19 0.07 -0.13	21.66 0.02 -0.02
TELGRAPH_34_KV_EAST 80808	20.34 0.06 -0.44	18.96 -0.02 -0.24	16.99 0.15 -0.29	17.47 0.02 -0.20	18.27 -0.05 -0.15	19.15 -0.15 -0.21	25.36 0.59 -0.02	25.36 0.32 -0.24	24.12 0.21 -0.24	22.09 0.19 -0.34	20.74 0.14 -0.36	17.91 0.24 -0.60	16.30 0.22 -0.72	19.25 0.26 -0.51	20.11 0.18 -0.43	21.12 0.06 -0.35	22.19 0.02 -0.83	22.85 0.22 -0.99	30.18 -0.12 -0.49	29.79 -0.03 -0.37	29.26 0.03 -0.02	25.41 0.20 -0.07	22.49 0.31 -0.19	22.14 0.50 -0.03
TEMPLE__115KV_TB 2 55572	20.06 -0.08 -0.30	18.81 -0.09 -0.16	16.69 -0.05 -0.20	17.31 -0.09 -0.14	18.19 -0.09 -0.10	19.17 -0.08 -0.14	24.86 0.10 -0.01	25.04 0.07 -0.16	23.91 0.07 -0.16	21.78 0.00 -0.23	20.44 -0.04 -0.25	17.47 -0.02 -0.41	15.86 0.00 -0.49	18.83 0.00 -0.35	19.78 -0.02 -0.30	20.91 -0.04 -0.24	21.87 -0.04 -0.57	22.36 0.04 -0.68	30.15 0.00 -0.34	29.73 0.03 -0.25	29.28 0.06 -0.02	25.26 0.08 -0.05	22.19 0.07 -0.13	21.68 0.04 -0.02
TIANA____69_KV_BK 1 55817	29.54 2.40 -7.29	24.25 2.10 -3.41	22.04 1.74 -3.76	21.59 1.78 -2.56	21.92 1.82 -1.92	23.71 1.95 -2.66	27.29 2.28 -0.27	30.75 2.90 -3.06	29.64 2.89 -3.08	28.56 2.65 -4.36	28.98 2.29 -6.47	29.74 1.95 -10.72	31.74 1.71 -14.67	33.15 2.07 -12.59	34.97 2.38 -13.08	40.81 2.65 -17.45	48.85 2.69 -24.82	46.77 2.73 -22.41	50.77 3.64 -17.33	46.54 3.48 -13.61	39.82 3.53 -7.08	34.51 2.97 -6.40	29.00 2.73 -4.28	25.97 2.55 -1.80

TILDEN___115KV_TB1 80814	20.17 -0.02 -0.34	18.89 -0.04 -0.19	16.76 -0.02 -0.23	17.36 -0.05 -0.16	18.26 -0.04 -0.12	19.24 -0.02 -0.16	24.93 0.17 -0.02	25.13 0.15 -0.19	23.98 0.12 -0.19	21.86 0.04 -0.27	20.53 0.02 -0.28	17.56 0.02 -0.47	15.98 0.05 -0.56	18.92 0.04 -0.40	19.88 0.04 -0.34	20.98 0.00 -0.27	22.01 0.02 -0.65	22.50 0.09 -0.78	30.28 0.09 -0.38	29.86 0.12 -0.29	29.40 0.18 -0.02	25.32 0.13 -0.05	22.27 0.13 -0.15	21.72 0.09 -0.02
TRIGEN___CC 323695	28.58 1.45 -7.29	23.41 1.26 -3.41	21.33 1.03 -3.76	20.89 1.07 -2.56	21.19 1.09 -1.92	22.91 1.15 -2.66	26.35 1.34 -0.27	29.54 1.69 -3.06	28.50 1.75 -3.08	27.57 1.66 -4.36	28.22 1.52 -6.47	29.09 1.30 -10.72	31.20 1.17 -14.67	32.43 1.35 -12.59	34.09 1.50 -13.08	39.83 1.68 -17.45	47.87 1.71 -24.82	45.73 1.69 -22.41	49.34 2.21 -17.33	45.18 2.12 -13.61	38.36 2.07 -7.08	33.30 1.76 -6.40	27.92 1.65 -4.28	25.00 1.58 -1.80
TRINITY__115KV__4 BK 55933	27.45 0.44 -7.17	23.10 0.49 -3.87	21.86 0.50 -4.82	21.05 0.52 -3.28	21.20 0.56 -2.46	23.10 0.59 -3.41	25.96 0.87 -0.35	29.50 0.79 -3.91	28.17 0.62 -3.88	27.62 0.52 -5.56	26.64 0.49 -5.92	27.24 0.39 -9.78	27.50 0.35 -11.78	27.21 0.44 -8.28	26.98 0.41 -7.06	26.87 0.43 -5.72	34.74 0.45 -12.96	38.18 0.48 -16.07	38.47 0.66 -8.01	36.19 0.68 -6.06	30.30 0.70 -0.40	26.89 0.63 -1.12	25.65 0.55 -3.10	22.64 0.58 -0.43
UNION___PROCESSING_DRP 323587	20.43 0.20 -0.38	19.07 0.11 -0.21	17.00 0.20 -0.26	17.53 0.10 -0.18	18.36 0.05 -0.13	19.32 0.04 -0.18	25.31 0.54 -0.02	25.50 0.50 -0.21	24.28 0.40 -0.21	22.17 0.32 -0.30	20.83 0.28 -0.32	17.89 0.29 -0.52	16.28 0.28 -0.63	19.26 0.33 -0.44	20.18 0.29 -0.38	21.24 0.23 -0.31	22.28 0.21 -0.73	22.88 0.37 -0.87	30.54 0.30 -0.43	30.10 0.32 -0.32	29.54 0.32 -0.02	25.63 0.43 -0.06	22.62 0.46 -0.17	22.05 0.41 -0.02
UPPER HUDSON___HYD 24058	28.57 1.43 -7.30	23.97 1.29 -3.94	22.56 1.11 -4.91	21.73 1.14 -3.34	21.90 1.22 -2.51	23.92 1.36 -3.47	27.15 2.05 -0.35	30.77 1.98 -3.98	29.47 1.85 -3.95	28.80 1.59 -5.65	27.72 1.46 -6.03	28.20 1.18 -9.95	28.28 0.92 -11.99	28.00 1.09 -8.43	27.82 1.13 -7.19	27.65 1.12 -5.83	35.69 1.19 -13.15	39.35 1.36 -16.35	39.87 1.91 -8.15	37.56 1.94 -6.16	31.68 2.07 -0.40	28.16 1.89 -1.14	26.67 1.52 -3.16	23.55 1.49 -0.44
UPPER RAQUET___HYD 24056	19.17 -0.67 0.00	18.22 -0.52 0.00	16.01 -0.53 0.00	16.79 -0.47 0.00	17.72 -0.45 0.00	18.66 -0.44 0.00	23.73 -1.02 0.00	23.86 -0.94 0.00	22.72 -0.95 0.00	20.67 -0.88 0.00	19.36 -0.87 0.00	16.30 -0.77 0.00	14.63 -0.74 0.00	17.65 -0.83 0.00	18.59 -0.92 0.00	19.78 -0.93 0.00	20.34 -1.00 0.00	20.60 -1.04 0.00	28.80 -1.01 0.00	28.42 -1.03 0.00	28.03 -1.17 0.00	24.03 -1.11 0.00	20.96 -1.03 0.00	20.62 -0.99 0.00
VALLEY44_115KV_TB2 355964	19.92 -0.46 -0.53	18.49 -0.54 -0.29	16.57 -0.33 -0.36	17.03 -0.47 -0.24	17.79 -0.56 -0.18	18.72 -0.63 -0.25	25.07 0.30 -0.03	24.84 -0.25 -0.29	23.68 -0.28 -0.29	21.71 -0.26 -0.41	20.37 -0.30 -0.44	17.64 -0.15 -0.73	16.14 -0.11 -0.87	18.97 -0.13 -0.61	19.80 -0.23 -0.52	20.82 -0.31 -0.42	21.96 -0.38 -1.00	22.65 -0.19 -1.20	29.63 -0.78 -0.59	29.19 -0.71 -0.45	29.00 -0.23 -0.03	24.84 -0.38 -0.08	22.00 -0.22 -0.23	21.82 0.17 -0.03
VALLEY___115KV_TB 1-4 80826	20.02 0.18 0.00	18.97 0.22 0.00	16.72 0.18 0.00	17.45 0.19 0.00	18.38 0.20 0.00	19.33 0.23 0.00	25.11 0.37 0.00	25.05 0.25 0.00	23.91 0.24 0.00	21.70 0.15 0.00	20.33 0.10 0.00	17.14 0.07 0.00	15.38 0.02 0.00	18.47 -0.02 0.00	19.47 -0.04 0.00	20.67 -0.04 0.00	21.32 -0.02 0.00	21.68 0.04 0.00	29.96 0.15 0.00	29.63 0.18 0.00	29.46 0.26 0.00	25.39 0.25 0.00	22.21 0.22 0.00	21.90 0.28 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.93 0.73 -1.35	20.22 0.75 -0.73	18.06 0.61 -0.91	18.51 0.64 -0.62	19.35 0.71 -0.46	20.58 0.84 -0.64	26.24 1.44 -0.07	27.02 1.49 -0.74	25.78 1.37 -0.73	23.68 1.08 -1.05	22.28 0.93 -1.12	19.72 0.80 -1.84	18.25 0.66 -2.22	20.88 0.83 -1.56	21.71 0.88 -1.33	22.80 1.01 -1.08	25.07 1.07 -2.66	25.98 1.26 -3.08	33.08 1.76 -1.51	32.27 1.68 -1.14	31.00 1.72 -0.07	26.71 1.36 -0.21	23.70 1.12 -0.58	22.72 1.02 -0.08
VISCHER___FERRY HYD 24020	27.87 0.81 -7.21	23.42 0.79 -3.89	22.07 0.68 -4.85	21.26 0.71 -3.30	21.40 0.75 -2.48	23.35 0.82 -3.43	26.21 1.11 -0.35	29.82 1.09 -3.94	28.57 0.99 -3.90	28.02 0.88 -5.59	27.02 0.83 -5.96	27.61 0.70 -9.83	27.83 0.62 -11.85	27.53 0.72 -8.33	27.37 0.76 -7.10	27.29 0.83 -5.76	35.01 0.85 -12.81	38.65 0.91 -16.11	39.12 1.25 -8.05	36.81 1.27 -6.09	30.86 1.25 -0.40	27.40 1.13 -1.13	26.08 0.97 -3.12	22.98 0.93 -0.44
V_A_10_SYNC_DSASP 323832	20.14 -0.12 -0.42	18.84 -0.13 -0.22	16.69 -0.13 -0.28	17.36 -0.09 -0.19	18.12 -0.20 -0.14	18.99 -0.31 -0.20	25.13 0.37 -0.02	25.02 0.00 -0.23	23.90 0.00 -0.22	21.87 0.00 -0.32	20.53 -0.04 -0.34	17.71 0.07 -0.57	16.13 0.08 -0.68	18.95 -0.02 -0.48	19.92 0.00 -0.41	20.85 -0.19 -0.33	21.92 -0.21 -0.79	22.56 -0.02 -0.94	29.59 -0.68 -0.47	29.27 -0.53 -0.35	28.96 -0.26 -0.02	24.98 -0.23 -0.07	22.15 -0.02 -0.18	21.88 0.24 -0.03
V_CMM_10_SYNC_DSASP 323787	19.49 -0.36 0.00	18.47 -0.28 0.00	16.28 -0.27 0.00	17.01 -0.24 0.00	17.92 -0.25 0.00	18.85 -0.25 0.00	24.12 -0.62 0.00	24.20 -0.60 0.00	23.10 -0.57 0.00	21.08 -0.47 0.00	19.81 -0.43 0.00	16.70 -0.38 0.00	15.02 -0.35 0.00	18.10 -0.39 0.00	19.08 -0.43 0.00	20.25 -0.46 0.00	20.83 -0.51 0.00	21.01 -0.63 0.00	29.18 -0.63 0.00	28.80 -0.65 0.00	28.50 -0.70 0.00	24.48 -0.65 0.00	21.42 -0.57 0.00	21.06 -0.56 0.00
V_CMP_10_SYNC_DSASP 323788	19.98 0.14 0.00	18.91 0.17 0.00	16.77 0.23 0.00	17.50 0.24 0.00	18.45 0.27 0.00	19.40 0.30 0.00	24.37 -0.37 0.00	24.63 -0.17 0.00	23.44 -0.24 0.00	21.25 -0.30 0.00	19.87 -0.36 0.00	16.66 -0.41 0.00	14.92 -0.45 0.00	17.99 -0.50 0.00	18.94 -0.57 0.00	20.17 -0.54 0.00	20.76 -0.58 0.00	21.06 -0.58 0.00	30.02 0.21 0.00	29.69 0.23 0.00	29.32 0.12 0.00	25.16 0.03 0.00	21.99 0.00 0.00	21.55 -0.06 0.00
V_E_10_SYNC_DSASP 323830	21.76 0.99 -0.92	20.39 1.14 -0.50	18.02 0.86 -0.62	18.63 0.95 -0.42	19.60 1.11 -0.32	20.91 1.38 -0.44	27.26 2.47 -0.04	28.15 2.80 -0.55	26.72 2.51 -0.54	24.12 1.79 -0.78	22.54 1.48 -0.83	19.67 1.23 -1.37	17.95 0.94 -1.65	20.81 1.17 -1.16	21.31 0.90 -0.91	22.52 1.08 -0.74	24.32 1.24 -1.74	25.32 1.60 -2.08	33.23 2.39 -1.03	32.64 2.42 -0.78	31.85 2.60 -0.05	27.32 2.04 -0.14	23.93 1.54 -0.40	23.21 1.54 -0.06
V_F_30_NSYNC___DSASP 323816	28.30 1.17 -7.28	23.74 1.07 -3.93	22.38 0.94 -4.90	21.54 0.95 -3.33	21.69 1.02 -2.50	23.69 1.13 -3.46	26.73 1.63 -0.35	30.34 1.56 -3.98	29.09 1.47 -3.95	28.47 1.27 -5.65	27.42 1.17 -6.02	27.98 0.97 -9.94	28.17 0.83 -11.97	27.88 0.98 -8.41	27.72 1.03 -7.18	27.62 1.10 -5.82	35.60 1.15 -13.10	39.23 1.28 -16.31	39.71 1.76 -8.14	37.40 1.80 -6.15	31.48 1.87 -0.40	27.89 1.61 -1.14	26.49 1.34 -3.15	23.31 1.25 -0.44

V_F_30_SYNC_DSASP 323786	27.54 0.50 -7.20	23.17 0.54 -3.88	21.91 0.53 -4.84	21.12 0.57 -3.29	21.27 0.62 -2.47	23.17 0.65 -3.42	26.06 0.96 -0.35	29.59 0.87 -3.93	28.26 0.69 -3.90	27.71 0.58 -5.58	26.70 0.53 -5.95	27.32 0.43 -9.82	27.60 0.40 -11.83	27.28 0.48 -8.31	27.06 0.47 -7.09	26.95 0.50 -5.75	34.85 0.51 -13.00	38.33 0.56 -16.13	38.62 0.78 -8.04	36.33 0.80 -6.08	30.42 0.82 -0.40	26.99 0.73 -1.12	25.72 0.62 -3.11	22.68 0.63 -0.44
V_XM_10_SYNC_DSASP 323789	19.98 0.14 0.00	18.91 0.17 0.00	16.77 0.23 0.00	17.50 0.24 0.00	18.45 0.27 0.00	19.40 0.30 0.00	24.37 -0.37 0.00	24.63 -0.17 0.00	23.44 -0.24 0.00	21.25 -0.30 0.00	19.87 -0.36 0.00	16.66 -0.41 0.00	14.92 -0.45 0.00	17.99 -0.50 0.00	18.94 -0.57 0.00	20.17 -0.54 0.00	20.76 -0.58 0.00	21.06 -0.58 0.00	30.02 0.21 0.00	29.69 0.23 0.00	29.32 0.12 0.00	25.16 0.03 0.00	21.99 0.00 0.00	21.55 -0.06 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	26.12 1.01 -5.26	22.49 0.90 -2.84	20.84 0.76 -3.54	20.49 0.83 -2.41	20.82 0.84 -1.81	22.42 0.82 -2.50	26.06 1.06 -0.26	28.84 1.17 -2.87	27.73 1.21 -2.85	26.75 1.12 -4.08	25.65 1.07 -4.35	25.16 0.90 -7.18	24.87 0.85 -8.65	25.55 0.98 -6.08	25.80 1.11 -5.19	26.18 1.26 -4.20	33.02 1.28 -10.40	34.94 1.28 -12.03	37.36 1.67 -5.88	35.46 1.56 -4.45	31.01 1.52 -0.29	27.27 1.31 -0.82	25.44 1.17 -2.28	23.08 1.15 -0.32
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	26.55 1.11 -5.59	22.72 0.96 -3.02	21.12 0.81 -3.76	20.73 0.91 -2.56	21.02 0.93 -1.92	22.62 0.86 -2.66	26.13 1.11 -0.27	29.14 1.29 -3.05	28.08 1.37 -3.03	27.20 1.31 -4.34	26.09 1.23 -4.62	25.78 1.08 -7.63	25.55 0.98 -9.20	26.09 1.15 -6.46	26.29 1.27 -5.51	26.61 1.43 -4.47	33.88 1.47 -11.07	35.83 1.41 -12.78	37.88 1.82 -6.25	35.89 1.71 -4.73	31.18 1.66 -0.31	27.45 1.43 -0.87	25.71 1.30 -2.42	23.21 1.25 -0.34
W50THST__13_KV_LOAD 356117	26.65 1.21 -5.59	22.79 1.03 -3.02	21.18 0.88 -3.76	20.82 1.00 -2.56	21.10 1.00 -1.92	22.71 0.95 -2.66	26.25 1.24 -0.27	29.29 1.44 -3.05	28.22 1.51 -3.03	27.31 1.42 -4.34	26.21 1.36 -4.62	25.88 1.18 -7.63	25.64 1.08 -9.20	26.20 1.26 -6.46	26.40 1.38 -5.51	26.73 1.55 -4.47	34.01 1.60 -11.07	35.98 1.56 -12.78	38.06 2.00 -6.25	36.03 1.86 -4.73	31.32 1.81 -0.31	27.57 1.56 -0.87	25.82 1.41 -2.42	23.32 1.36 -0.34
WADING RIVER_IC_1 23522	29.34 2.20 -7.29	24.09 1.93 -3.41	22.04 1.74 -3.76	21.44 1.62 -2.56	21.83 1.73 -1.92	23.58 1.82 -2.66	27.44 2.43 -0.27	30.56 2.70 -3.06	29.40 2.65 -3.08	28.33 2.41 -4.36	28.80 2.10 -6.47	29.59 1.79 -10.72	31.62 1.58 -14.67	33.06 1.98 -12.59	34.73 2.15 -13.08	40.58 2.42 -17.45	48.68 2.52 -24.82	46.55 2.51 -22.41	50.45 3.31 -17.32	46.27 3.21 -13.61	39.44 3.15 -7.08	34.26 2.72 -6.40	28.84 2.57 -4.28	25.75 2.34 -1.80
WADING RIVER_IC_2 23547	29.34 2.20 -7.29	24.09 1.93 -3.41	22.04 1.74 -3.76	21.44 1.62 -2.56	21.83 1.73 -1.92	23.58 1.82 -2.66	27.44 2.43 -0.27	30.56 2.70 -3.06	29.40 2.65 -3.08	28.33 2.41 -4.36	28.80 2.10 -6.47	29.59 1.79 -10.72	31.62 1.58 -14.67	33.06 1.98 -12.59	34.73 2.15 -13.08	40.58 2.42 -17.45	48.68 2.52 -24.82	46.55 2.51 -22.41	50.45 3.31 -17.32	46.27 3.21 -13.61	39.44 3.15 -7.08	34.26 2.72 -6.40	28.84 2.57 -4.28	25.75 2.34 -1.80
WADING RIVER_IC_3 23601	29.34 2.20 -7.29	24.09 1.93 -3.41	22.04 1.74 -3.76	21.44 1.62 -2.56	21.83 1.73 -1.92	23.58 1.82 -2.66	27.44 2.43 -0.27	30.56 2.70 -3.06	29.40 2.65 -3.08	28.33 2.41 -4.36	28.80 2.10 -6.47	29.59 1.79 -10.72	31.62 1.58 -14.67	33.06 1.98 -12.59	34.73 2.15 -13.08	40.58 2.42 -17.45	48.68 2.52 -24.82	46.55 2.51 -22.41	50.45 3.31 -17.32	46.27 3.21 -13.61	39.44 3.15 -7.08	34.26 2.72 -6.40	28.84 2.57 -4.28	25.75 2.34 -1.80
WALDENNY_12_KV_BK2 80841	20.37 0.04 -0.48	18.95 -0.06 -0.26	16.98 0.12 -0.33	17.46 -0.02 -0.22	18.23 -0.11 -0.17	19.14 -0.19 -0.23	25.38 0.62 -0.02	25.31 0.25 -0.26	24.12 0.19 -0.26	22.12 0.19 -0.38	20.75 0.12 -0.40	17.97 0.24 -0.66	16.40 0.23 -0.80	19.32 0.28 -0.56	20.16 0.18 -0.48	21.18 0.08 -0.39	22.25 0.00 -0.91	22.95 0.22 -1.09	30.14 0.22 -0.54	29.74 -0.21 -0.41	29.29 0.06 -0.03	25.34 0.13 -0.08	22.49 0.29 -0.21	22.19 0.54 -0.03
WALDEN__HYDRO 24148	26.11 0.95 -5.32	22.44 0.82 -2.87	20.86 0.75 -3.58	20.45 0.76 -2.43	20.78 0.78 -1.83	22.39 0.76 -2.53	25.99 0.99 -0.26	28.77 1.07 -2.90	27.59 1.04 -2.88	26.62 0.95 -4.12	25.51 0.89 -4.39	25.06 0.73 -7.25	24.80 0.69 -8.74	25.50 0.87 -6.14	25.66 0.92 -5.24	26.05 1.10 -4.25	32.91 1.15 -10.42	34.95 1.19 -12.12	37.36 1.61 -5.94	35.44 1.50 -4.49	30.87 1.37 -0.29	27.20 1.23 -0.83	25.37 1.08 -2.30	22.98 1.04 -0.32
WARRENSBURG____ 23737	28.57 1.43 -7.30	23.97 1.29 -3.94	22.56 1.11 -4.91	21.73 1.14 -3.34	21.90 1.22 -2.51	23.92 1.36 -3.47	27.15 2.05 -0.35	30.77 1.98 -3.98	29.47 1.85 -3.95	28.80 1.59 -5.65	27.72 1.46 -6.03	28.20 1.18 -9.95	28.28 0.92 -11.99	28.00 1.09 -8.43	27.82 1.13 -7.19	27.65 1.12 -5.83	35.69 1.19 -13.15	39.35 1.36 -16.35	39.87 1.91 -8.15	37.56 1.94 -6.16	31.68 2.07 -0.40	28.16 1.89 -1.14	26.67 1.52 -3.16	23.55 1.49 -0.44
WATERSIDE____6 8 9 23538	26.51 1.07 -5.60	22.66 0.90 -3.02	21.07 0.76 -3.76	20.71 0.90 -2.56	20.97 0.87 -1.92	22.50 0.74 -2.66	25.98 0.96 -0.27	29.02 1.17 -3.05	28.00 1.30 -3.03	27.14 1.25 -4.34	26.03 1.17 -4.62	25.75 1.04 -7.63	25.52 0.95 -9.20	26.04 1.09 -6.46	26.25 1.23 -5.51	26.56 1.39 -4.47	33.86 1.45 -11.07	35.81 1.38 -12.78	37.79 1.73 -6.25	35.80 1.62 -4.73	31.03 1.52 -0.31	27.32 1.31 -0.87	25.65 1.23 -2.42	23.12 1.17 -0.34
WATKINRD_115KV_LN8_ILLION 55919	20.00 0.16 0.00	18.95 0.21 0.00	16.71 0.17 0.00	17.43 0.17 0.00	18.36 0.18 0.00	19.31 0.21 0.00	25.09 0.35 0.00	25.07 0.27 0.00	23.91 0.24 0.00	21.75 0.19 0.00	20.37 0.14 0.00	17.19 0.12 0.00	15.45 0.08 0.00	18.54 0.06 0.00	19.56 0.06 0.00	20.79 0.08 0.00	21.43 0.09 0.00	21.79 0.15 0.00	30.05 0.24 0.00	29.69 0.24 0.00	29.49 0.29 0.00	25.39 0.25 0.00	22.21 0.22 0.00	21.88 0.26 0.00
WATSON__69_KV_BK 1 55734	29.32 2.18 -7.29	24.09 1.93 -3.41	21.88 1.57 -3.76	21.42 1.60 -2.56	21.75 1.65 -1.92	23.56 1.80 -2.66	27.09 2.08 -0.27	30.48 2.63 -3.06	29.40 2.65 -3.08	28.37 2.46 -4.36	28.90 2.21 -6.47	29.67 1.88 -10.72	31.71 1.68 -14.67	33.08 2.00 -12.59	34.77 2.18 -13.08	40.58 2.42 -17.45	48.59 2.43 -24.82	46.47 2.42 -22.41	50.39 3.25 -17.33	46.21 3.15 -13.61	39.47 3.18 -7.08	34.23 2.69 -6.40	28.78 2.51 -4.28	25.77 2.36 -1.80
WDELAWARE__HYD 323627	25.15 0.69 -4.61	21.81 0.58 -2.49	20.17 0.53 -3.10	19.88 0.52 -2.11	20.29 0.53 -1.58	21.77 0.48 -2.19	25.61 0.64 -0.22	28.11 0.79 -2.52	26.93 0.76 -2.50	25.79 0.67 -3.57	24.65 0.61 -3.81	23.87 0.51 -6.29	23.42 0.48 -7.57	24.44 0.63 -5.32	24.71 0.66 -4.54	25.22 0.83 -3.68	31.16 0.88 -8.95	33.03 0.91 -10.49	36.21 1.25 -5.15	34.49 1.15 -3.89	30.51 1.05 -0.26	26.76 0.90 -0.72	24.80 0.81 -1.99	22.63 0.74 -0.28

WEST BABYLON___IC 23714	29.16 2.02 -7.29	23.95 1.80 -3.41	21.76 1.46 -3.76	21.30 1.48 -2.56	21.63 1.53 -1.92	23.40 1.64 -2.66	26.94 1.93 -0.27	30.28 2.43 -3.06	29.21 2.46 -3.08	28.20 2.28 -4.36	28.76 2.06 -6.47	29.55 1.76 -10.72	31.60 1.57 -14.67	32.95 1.87 -12.59	34.62 2.03 -13.08	40.43 2.28 -17.45	48.44 2.28 -24.82	46.30 2.25 -22.41	50.12 2.98 -17.33	45.98 2.92 -13.61	39.26 2.98 -7.08	34.03 2.49 -6.40	28.60 2.33 -4.28	25.62 2.20 -1.80
WEST CANADA___HYD 24049	19.90 0.06 0.00	18.82 0.08 0.00	16.59 0.05 0.00	17.31 0.05 0.00	18.23 0.05 0.00	19.18 0.08 0.00	24.89 0.15 0.00	24.92 0.12 0.00	23.79 0.12 0.00	21.64 0.09 0.00	20.31 0.08 0.00	17.12 0.05 0.00	15.42 0.05 0.00	18.54 0.06 0.00	19.56 0.06 0.00	20.77 0.06 0.00	21.43 0.09 0.00	21.75 0.11 0.00	29.96 0.15 0.00	29.60 0.15 0.00	29.35 0.15 0.00	25.26 0.13 0.00	22.11 0.11 0.00	21.73 0.11 0.00
WESTERN_NY_WIND 24143	20.51 0.24 -0.43	19.20 0.23 -0.23	17.00 0.17 -0.29	17.68 0.22 -0.20	18.45 0.13 -0.15	19.38 0.08 -0.21	25.85 1.09 -0.02	25.63 0.59 -0.23	24.47 0.57 -0.23	22.38 0.50 -0.33	20.99 0.40 -0.35	18.10 0.44 -0.59	16.46 0.38 -0.71	19.35 0.37 -0.50	20.34 0.41 -0.42	21.28 0.23 -0.34	22.37 0.21 -0.82	23.07 0.46 -0.98	30.35 0.06 -0.48	30.02 0.21 -0.36	29.81 0.58 -0.02	25.66 0.45 -0.07	22.64 0.46 -0.19	22.40 0.76 -0.03
WESTOVER___LESR 323668	20.91 0.16 -0.91	19.37 0.13 -0.49	17.32 0.17 -0.61	17.79 0.12 -0.42	18.61 0.13 -0.31	19.66 0.13 -0.43	25.28 0.49 -0.04	25.66 0.37 -0.50	24.52 0.36 -0.49	22.54 0.28 -0.70	21.20 0.22 -0.75	18.52 0.20 -1.24	17.08 0.22 -1.49	19.77 0.24 -1.05	20.65 0.25 -0.89	21.68 0.25 -0.72	23.29 0.23 -1.72	24.04 0.35 -2.05	31.18 0.36 -1.01	30.57 0.35 -0.77	29.72 0.47 -0.05	25.66 0.38 -0.14	22.76 0.37 -0.39	22.06 0.39 -0.05
WETHRSFD_WT_PWR 323626	20.39 0.00 -0.55	19.00 -0.04 -0.29	16.88 -0.03 -0.37	17.50 0.00 -0.25	18.27 -0.09 -0.19	19.20 -0.15 -0.26	25.46 0.69 -0.03	25.29 0.20 -0.30	24.15 0.19 -0.29	22.14 0.17 -0.42	20.76 0.08 -0.45	17.97 0.15 -0.74	16.40 0.14 -0.89	19.21 0.09 -0.63	20.14 0.10 -0.54	21.06 -0.08 -0.44	22.29 -0.09 -1.03	23.03 0.15 -1.23	30.00 -0.42 -0.61	29.65 -0.27 -0.46	29.44 0.21 -0.03	25.40 0.18 -0.09	22.39 0.16 -0.24	22.15 0.50 -0.03
WHAVSTOR_138KV_BK127 55557	26.07 0.95 -5.28	22.44 0.84 -2.85	20.80 0.71 -3.55	20.45 0.78 -2.41	20.77 0.78 -1.81	22.37 0.76 -2.51	25.99 0.99 -0.26	28.74 1.07 -2.88	27.67 1.14 -2.86	26.70 1.06 -4.09	25.60 1.01 -4.36	25.12 0.85 -7.20	24.84 0.80 -8.67	25.52 0.94 -6.09	25.76 1.05 -5.20	26.10 1.18 -4.21	32.98 1.22 -10.42	34.90 1.21 -12.05	37.25 1.55 -5.89	35.35 1.44 -4.46	30.90 1.40 -0.29	27.19 1.23 -0.82	25.38 1.10 -2.28	23.02 1.08 -0.32
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	26.07 0.95 -5.28	22.44 0.84 -2.85	20.80 0.71 -3.55	20.45 0.78 -2.41	20.77 0.78 -1.81	22.37 0.76 -2.51	25.99 0.99 -0.26	28.74 1.07 -2.88	27.67 1.14 -2.86	26.70 1.06 -4.09	25.60 1.01 -4.36	25.12 0.85 -7.20	24.84 0.80 -8.67	25.52 0.94 -6.09	25.76 1.05 -5.20	26.10 1.18 -4.21	32.98 1.22 -10.42	34.90 1.21 -12.05	37.25 1.55 -5.89	35.35 1.44 -4.46	30.90 1.40 -0.29	27.19 1.23 -0.82	25.38 1.10 -2.28	23.02 1.08 -0.32
WHITEHAL_115KV_TB1 80871	29.02 1.89 -7.29	24.35 1.67 -3.93	22.80 1.36 -4.90	21.97 1.38 -3.34	22.22 1.54 -2.51	24.34 1.78 -3.47	27.84 2.75 -0.35	31.46 2.68 -3.98	30.15 2.53 -3.95	29.31 2.11 -5.65	28.22 1.96 -6.02	28.61 1.59 -9.95	28.61 1.26 -11.98	28.40 1.50 -8.42	28.25 1.56 -7.18	28.06 1.53 -5.82	36.14 1.66 -13.13	39.86 1.88 -16.33	40.64 2.68 -8.14	38.35 2.74 -6.16	32.61 3.01 -0.40	28.79 2.51 -1.14	27.17 2.02 -3.16	23.96 1.90 -0.44
WHITEPLN_13_KV_LOAD 356215	26.59 1.17 -5.57	22.84 1.09 -3.01	21.20 0.91 -3.75	20.81 1.00 -2.55	21.09 1.00 -1.92	22.78 1.03 -2.65	26.40 1.39 -0.27	29.23 1.39 -3.04	28.14 1.44 -3.02	27.23 1.36 -4.32	26.11 1.27 -4.61	25.77 1.09 -7.60	25.55 1.01 -9.16	26.11 1.18 -6.44	26.32 1.33 -5.49	26.67 1.51 -4.45	33.89 1.52 -11.03	35.89 1.51 -12.74	38.01 1.97 -6.23	36.02 1.86 -4.71	31.26 1.75 -0.31	27.54 1.53 -0.87	25.77 1.36 -2.41	23.34 1.38 -0.34
WM_FLOYD_69_KV_BK2 356380	29.28 2.14 -7.29	24.05 1.89 -3.41	21.86 1.55 -3.76	21.42 1.60 -2.56	21.72 1.62 -1.92	23.52 1.76 -2.66	27.04 2.03 -0.27	30.43 2.58 -3.06	29.33 2.58 -3.08	28.26 2.35 -4.36	28.76 2.06 -6.47	29.55 1.76 -10.72	31.57 1.54 -14.67	32.93 1.85 -12.59	34.66 2.07 -13.08	40.46 2.30 -17.45	48.49 2.33 -24.82	46.38 2.34 -22.41	50.24 3.10 -17.33	46.04 2.97 -13.61	39.35 3.07 -7.08	34.13 2.59 -6.40	28.71 2.44 -4.28	25.73 2.31 -1.80
WOODARD___115KV_TB2 355635	20.05 -0.10 -0.30	18.80 -0.11 -0.16	16.68 -0.07 -0.20	17.29 -0.10 -0.14	18.19 -0.09 -0.10	19.15 -0.10 -0.14	24.83 0.07 -0.01	25.01 0.05 -0.16	23.86 0.02 -0.16	21.74 -0.04 -0.23	20.42 -0.06 -0.25	17.45 -0.03 -0.41	15.85 -0.02 -0.50	18.82 -0.02 -0.35	19.76 -0.04 -0.30	20.87 -0.08 -0.24	21.85 -0.06 -0.57	22.32 0.00 -0.68	30.12 -0.03 -0.34	29.71 0.00 -0.25	29.25 0.03 -0.02	25.21 0.03 -0.05	22.17 0.04 -0.13	21.66 0.02 -0.02
YORK___WARBASSE 23770	26.57 1.13 -5.60	22.68 0.92 -3.02	21.07 0.76 -3.76	20.73 0.91 -2.56	20.99 0.89 -1.92	22.47 0.71 -2.66	25.91 0.89 -0.27	28.99 1.14 -3.05	27.98 1.28 -3.03	27.14 1.25 -4.34	26.05 1.19 -4.62	25.76 1.06 -7.63	25.53 0.97 -9.20	26.06 1.11 -6.46	26.25 1.23 -5.51	26.58 1.41 -4.47	33.92 1.52 -11.07	35.87 1.45 -12.78	37.88 1.82 -6.25	35.86 1.68 -4.73	31.06 1.55 -0.31	27.29 1.28 -0.87	25.63 1.21 -2.42	23.12 1.17 -0.34