

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/07/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	21.84	20.17	19.52	19.58	19.45	19.59	20.26	21.15	19.81	20.26	20.27	20.27	20.25	20.27	20.25	20.38	22.36	27.30	33.11	32.73	36.19	30.17	23.36	21.66
24138	0.96	0.92	0.93	0.90	0.90	0.98	0.93	0.95	1.13	1.27	1.27	1.37	1.40	1.36	1.40	1.38	1.37	1.38	1.72	1.55	1.68	1.50	1.40	1.09
	-7.73	-6.13	-5.48	-5.60	-5.44	-4.84	-5.45	-6.41	-3.43	-2.95	-3.13	-2.21	-2.03	-2.54	-2.23	-2.58	-3.69	-6.74	-9.55	-11.11	-13.03	-8.96	-3.09	-4.98
74TH STREET_GT_1	21.86	20.19	19.52	19.60	19.47	19.59	20.25	21.14	19.80	20.25	20.25	20.25	20.25	20.25	20.23	20.37	22.34	27.29	33.09	32.71	36.17	30.17	23.36	21.67
24260	0.97	0.93	0.93	0.92	0.92	0.98	0.92	0.94	1.11	1.25	1.25	1.35	1.40	1.34	1.38	1.36	1.35	1.36	1.70	1.52	1.65	1.50	1.40	1.09
	-7.74	-6.13	-5.48	-5.60	-5.44	-4.84	-5.45	-6.41	-3.44	-2.95	-3.13	-2.21	-2.03	-2.54	-2.23	-2.58	-3.69	-6.74	-9.55	-11.11	-13.04	-8.96	-3.09	-4.98
74TH STREET_GT_2	21.86	20.19	19.52	19.60	19.47	19.59	20.25	21.14	19.80	20.25	20.25	20.25	20.25	20.25	20.23	20.37	22.34	27.29	33.09	32.71	36.17	30.17	23.36	21.67
24261	0.97	0.93	0.93	0.92	0.92	0.98	0.92	0.94	1.11	1.25	1.25	1.35	1.40	1.34	1.38	1.36	1.35	1.36	1.70	1.52	1.65	1.50	1.40	1.09
	-7.74	-6.13	-5.48	-5.60	-5.44	-4.84	-5.45	-6.41	-3.44	-2.95	-3.13	-2.21	-2.03	-2.54	-2.23	-2.58	-3.69	-6.74	-9.55	-11.11	-13.04	-8.96	-3.09	-4.98
ADK HUDSON___FALLS	24.15	21.92	21.03	21.11	20.94	20.84	21.92	23.12	20.75	20.94	20.92	20.53	20.45	20.60	20.38	20.66	23.25	29.40	35.97	36.25	39.38	32.89	24.02	23.02
24011	0.53	0.50	0.50	0.44	0.46	0.51	0.65	0.65	0.85	0.90	0.81	0.85	0.88	0.79	0.73	0.74	0.95	1.09	1.20	1.12	1.20	1.05	0.96	0.69
	-10.48	-8.30	-7.43	-7.58	-7.37	-6.56	-7.38	-8.68	-4.65	-4.00	-4.24	-2.99	-2.75	-3.44	-3.01	-3.50	-5.00	-9.12	-12.93	-15.05	-16.70	-12.13	-4.18	-6.75
ADK RESOURCE___RCVRY	24.32	22.08	21.16	21.24	21.05	20.95	22.06	23.30	20.90	21.09	21.06	20.67	20.58	20.72	20.48	20.85	23.42	29.63	36.24	36.55	39.59	33.14	24.17	23.15
23798	0.56	0.55	0.54	0.48	0.49	0.54	0.71	0.72	0.95	1.00	0.90	0.95	0.98	0.87	0.80	0.89	1.06	1.21	1.31	1.25	1.31	1.14	1.06	0.73
	-10.60	-8.40	-7.52	-7.68	-7.46	-6.64	-7.47	-8.79	-4.71	-4.05	-4.30	-3.03	-2.78	-3.49	-3.05	-3.54	-5.06	-9.23	-13.09	-15.23	-16.80	-12.28	-4.23	-6.83
ADK S GLENS___FALLS	24.15	21.92	21.03	21.11	20.94	20.84	21.92	23.12	20.75	20.94	20.92	20.53	20.45	20.60	20.38	20.66	23.25	29.40	35.97	36.25	39.38	32.89	24.02	23.02
24028	0.53	0.50	0.50	0.44	0.46	0.51	0.65	0.65	0.85	0.90	0.81	0.85	0.88	0.79	0.73	0.74	0.95	1.09	1.20	1.12	1.20	1.05	0.96	0.69
	-10.48	-8.30	-7.43	-7.58	-7.37	-6.56	-7.38	-8.68	-4.65	-4.00	-4.24	-2.99	-2.75	-3.44	-3.01	-3.50	-5.00	-9.12	-12.93	-15.05	-16.70	-12.13	-4.18	-6.75
ADK_NYS___DAM	23.67	21.55	20.69	20.83	20.64	20.58	21.49	22.67	20.37	20.54	20.57	20.22	20.15	20.32	20.18	20.46	22.82	28.86	35.24	35.43	37.85	32.25	23.74	22.71
23527	0.43	0.43	0.43	0.45	0.43	0.50	0.50	0.51	0.64	0.64	0.62	0.65	0.67	0.64	0.65	0.67	0.71	0.88	0.94	0.86	0.90	0.85	0.83	0.62
	-10.09	-8.00	-7.15	-7.30	-7.10	-6.32	-7.11	-8.36	-4.48	-3.85	-4.09	-2.88	-2.64	-3.32	-2.90	-3.37	-4.81	-8.79	-12.46	-14.50	-15.47	-11.68	-4.03	-6.50
AIR_PRODUCTS___DRP	23.22	21.13	20.27	20.39	20.24	20.15	21.06	22.18	19.96	20.14	20.17	19.84	19.74	19.94	19.78	20.03	22.32	28.15	34.45	34.67	37.63	31.52	23.10	22.17
24190	0.11	0.10	0.09	0.09	0.12	0.14	0.15	0.12	0.29	0.29	0.27	0.30	0.30	0.29	0.28	0.28	0.26	0.29	0.31	0.28	0.28	0.26	0.25	0.16
	-9.97	-7.90	-7.07	-7.22	-7.01	-6.24	-7.03	-8.26	-4.43	-3.81	-4.04	-2.85	-2.61	-3.28	-2.87	-3.33	-4.76	-8.68	-12.31	-14.32	-15.87	-11.54	-3.98	-6.42
AKWESSNE_115KV_BK	13.06	13.08	13.07	13.07	13.07	13.65	13.75	13.69	15.04	15.80	15.63	16.43	16.57	16.12	16.36	16.16	17.01	18.92	21.59	19.90	21.27	19.49	18.59	15.36
355683	-0.13	-0.08	-0.07	-0.04	-0.07	-0.15	-0.17	-0.14	-0.23	-0.26	-0.25	-0.27	-0.27	-0.26	-0.28	-0.28	-0.31	-0.31	-0.31	-0.24	-0.28	-0.28	-0.30	-0.27
	-0.04	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.04	-0.02	-0.02	-0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.04	-0.05	-0.06	-0.07	-0.05	-0.02	-0.03
ALBANY___1	23.22	21.13	20.27	20.39	20.24	20.15	21.06	22.18	19.96	20.14	20.17	19.84	19.74	19.94	19.78	20.03	22.32	28.15	34.45	34.67	37.63	31.52	23.10	22.17
23571	0.11	0.10	0.09	0.09	0.12	0.14	0.15	0.12	0.29	0.29	0.27	0.30	0.30	0.29	0.28	0.28	0.26	0.29	0.31	0.28	0.28	0.26	0.25	0.16
	-9.97	-7.90	-7.07	-7.22	-7.01	-6.24	-7.03	-8.26	-4.43	-3.81	-4.04	-2.85	-2.61	-3.28	-2.87	-3.33	-4.76	-8.68	-12.31	-14.32	-15.87	-11.54	-3.98	-6.42
ALBANY___2	23.22	21.13	20.27	20.39	20.24	20.15	21.06	22.18	19.96	20.14	20.17	19.84	19.74	19.94	19.78	20.03	22.32	28.15	34.45	34.67	37.63	31.52	23.10	22.17
23572	0.11	0.10	0.09	0.09	0.12	0.14	0.15	0.12	0.29	0.29	0.27	0.30	0.30	0.29	0.28	0.28	0.26	0.29	0.31	0.28	0.28	0.26	0.25	0.16
	-9.97	-7.90	-7.07	-7.22	-7.01	-6.24	-7.03	-8.26	-4.43	-3.81	-4.04	-2.85	-2.61	-3.28	-2.87	-3.33	-4.76	-8.68	-12.31	-14.32	-15.87	-11.54	-3.98	-6.42
ALBANY___3	23.22	21.13	20.27	20.39	20.24	20.15	21.06	22.18	19.96	20.14	20.17	19.84	19.74	19.94	19.78	20.03	22.32	28.15	34.45	34.67	37.63	31.52	23.10	22.17
23573	0.11	0.10	0.09	0.09	0.12	0.14	0.15	0.12	0.29	0.29	0.27	0.30	0.30	0.29	0.28	0.28	0.26	0.29	0.31	0.28	0.28	0.26	0.25	0.16
	-9.97	-7.90	-7.07	-7.22	-7.01	-6.24	-7.03	-8.26	-4.43	-3.81	-4.04	-2.85	-2.61	-3.28	-2.87	-3.33	-4.76	-8.68	-12.31	-14.32	-15.87	-11.54	-3.98	-6.42

ALBANY___4 23574	23.22 0.11 -9.97	21.13 0.10 -7.90	20.27 0.09 -7.07	20.39 0.09 -7.22	20.24 0.12 -7.01	20.15 0.14 -6.24	21.06 0.15 -7.03	22.18 0.12 -8.26	19.96 0.29 -4.43	20.14 0.29 -3.81	20.17 0.27 -4.04	19.84 0.30 -2.85	19.74 0.30 -2.61	19.94 0.29 -3.28	19.78 0.28 -2.87	20.03 0.28 -3.33	22.32 0.26 -4.76	28.15 0.29 -8.68	34.45 0.31 -12.31	34.67 0.28 -14.32	37.63 0.28 -15.87	31.52 0.26 -11.54	23.10 0.25 -3.98	22.17 0.16 -6.42
ALBANY___LFGE 323615	23.58 0.22 -10.20	21.42 0.21 -8.09	20.55 0.21 -7.23	20.67 0.20 -7.39	20.51 0.22 -7.18	20.41 0.25 -6.39	21.35 0.28 -7.19	22.50 0.25 -8.46	20.21 0.43 -4.53	20.39 0.45 -3.90	20.41 0.41 -4.13	20.04 0.43 -2.92	19.97 0.47 -2.67	20.15 0.42 -3.36	19.98 0.42 -2.94	20.27 0.44 -3.40	22.58 0.41 -4.87	28.55 0.48 -8.89	34.94 0.50 -12.60	35.20 0.46 -14.66	38.12 0.47 -16.17	31.97 0.43 -11.82	23.37 0.41 -4.07	22.46 0.30 -6.57
ALCOA_PA_115KV_PL-6C 55860	13.14 -0.07 -0.06	13.15 -0.01 -0.04	13.15 0.00 -0.04	13.14 0.01 -0.04	13.13 -0.01 -0.04	13.72 -0.08 -0.04	13.80 -0.12 -0.04	13.77 -0.07 -0.05	15.06 -0.21 -0.02	15.81 -0.26 -0.02	15.62 -0.27 -0.02	16.44 -0.27 -0.02	16.56 -0.29 -0.01	16.11 -0.28 -0.02	16.36 -0.28 -0.02	16.16 -0.28 -0.02	17.02 -0.31 -0.03	18.93 -0.31 -0.05	21.62 -0.28 -0.07	19.94 -0.22 -0.08	21.31 -0.26 -0.09	19.53 -0.26 -0.07	18.62 -0.28 -0.02	15.38 -0.25 -0.04
ALCOA_RYNLDS___DRP 24188	13.14 -0.07 -0.06	13.15 -0.01 -0.04	13.15 0.00 -0.04	13.14 0.01 -0.04	13.13 -0.01 -0.04	13.72 -0.08 -0.04	13.80 -0.12 -0.04	13.77 -0.07 -0.05	15.06 -0.21 -0.02	15.81 -0.26 -0.02	15.62 -0.27 -0.02	16.44 -0.27 -0.02	16.56 -0.29 -0.01	16.11 -0.28 -0.02	16.36 -0.28 -0.02	16.16 -0.28 -0.02	17.02 -0.31 -0.03	18.93 -0.31 -0.05	21.62 -0.28 -0.07	19.94 -0.22 -0.08	21.31 -0.26 -0.09	19.53 -0.26 -0.07	18.62 -0.28 -0.02	15.38 -0.25 -0.04
ALCOA___DSASP 323711	13.08 -0.07 0.00	13.11 -0.01 0.00	13.11 0.00 0.00	13.10 0.01 0.00	13.10 -0.01 0.00	13.69 -0.08 0.00	13.76 -0.13 0.00	13.72 -0.07 0.00	15.02 -0.23 0.00	15.79 -0.26 0.00	15.61 -0.25 0.00	16.42 -0.27 0.00	16.54 -0.29 0.00	16.09 -0.28 0.00	16.35 -0.28 0.00	16.13 -0.30 0.00	16.99 -0.31 0.00	18.88 -0.31 0.00	21.55 -0.28 0.00	19.85 -0.22 0.00	21.22 -0.26 0.00	19.46 -0.26 0.00	18.59 -0.28 0.00	15.34 -0.25 0.00
ALLEGHENY___COGEN 23514	14.73 0.21 -1.37	14.29 0.08 -1.09	14.12 0.04 -0.97	14.02 -0.05 -0.99	14.10 0.03 -0.96	14.93 0.30 -0.86	15.24 0.39 -0.97	15.09 0.17 -1.14	15.80 -0.06 -0.61	16.41 -0.16 -0.52	16.26 -0.16 -0.55	16.96 -0.12 -0.39	17.00 -0.18 -0.36	16.68 -0.13 -0.45	16.89 -0.13 -0.39	16.72 -0.16 -0.46	17.97 0.02 -0.65	20.46 0.08 -1.19	23.66 0.13 -1.69	22.34 0.30 -1.97	24.05 0.34 -2.23	21.68 0.37 -1.59	19.90 0.47 -0.55	17.04 0.56 -0.88
ALTAMONT_115KV_TB 2 55880	23.51 0.32 -10.05	21.40 0.31 -7.96	20.53 0.30 -7.12	20.66 0.30 -7.27	20.48 0.30 -7.07	20.41 0.34 -6.29	21.33 0.36 -7.08	22.46 0.34 -8.33	20.17 0.46 -4.46	20.36 0.48 -3.84	20.39 0.46 -4.07	20.04 0.48 -2.87	19.97 0.50 -2.63	20.14 0.47 -3.30	20.00 0.48 -2.89	20.25 0.48 -3.35	22.60 0.50 -4.79	28.51 0.58 -8.75	34.88 0.63 -12.41	35.09 0.58 -14.43	38.26 0.60 -16.18	31.90 0.55 -11.63	23.44 0.55 -4.01	22.47 0.41 -6.47
ALTONA_WT_PWR 323606	12.96 -0.18 0.00	13.03 -0.09 0.00	13.07 -0.04 0.00	13.08 0.00 0.00	13.10 -0.01 0.00	13.73 -0.04 0.00	13.84 -0.04 0.00	13.83 0.04 0.00	15.26 0.02 0.00	16.09 0.05 0.00	15.88 0.02 0.00	16.81 0.12 0.00	16.84 0.02 0.00	16.28 -0.08 0.00	16.51 -0.12 0.00	16.26 -0.16 0.00	17.18 -0.12 0.00	19.13 -0.06 0.00	21.95 0.11 0.00	20.20 0.12 0.00	21.61 0.13 0.00	19.80 0.08 0.00	18.82 -0.06 0.00	15.42 -0.17 0.00
AMERICAN_REF_FUEL 24010	13.58 -0.80 -1.24	13.22 -0.88 -0.98	13.08 -0.90 -0.88	12.96 -1.02 -0.90	13.06 -0.92 -0.87	13.94 -0.61 -0.77	14.18 -0.57 -0.87	14.03 -0.79 -1.03	14.84 -0.96 -0.55	15.52 -0.99 -0.47	15.44 -0.92 -0.50	15.97 -1.07 -0.35	15.99 -1.16 -0.32	15.76 -1.01 -0.41	15.91 -1.08 -0.36	15.70 -1.13 -0.41	16.82 -1.07 -0.59	19.00 -1.27 -1.08	21.55 -1.81 -1.53	20.17 -1.69 -1.78	21.58 -1.91 -2.02	19.53 -1.62 -1.43	18.07 -1.30 -0.49	15.69 -0.70 -0.80
ARKWRIGHT___SUMMIT_WT_PWR 323751	14.16 -0.37 -1.38	13.74 -0.47 -1.09	13.56 -0.52 -0.98	13.43 -0.65 -1.00	13.56 -0.52 -0.97	14.35 -0.29 -0.86	14.65 -0.21 -0.97	14.62 -0.32 -1.14	15.50 -0.37 -0.61	16.25 -0.32 -0.53	16.21 -0.21 -0.56	16.87 -0.22 -0.39	16.84 -0.35 -0.36	16.56 -0.26 -0.45	16.69 -0.33 -0.40	16.49 -0.39 -0.46	17.65 -0.31 -0.66	19.99 -0.40 -1.20	22.78 -0.76 -1.71	21.34 -0.72 -1.98	22.83 -0.90 -2.25	20.55 -0.77 -1.60	18.81 -0.62 -0.55	16.26 -0.22 -0.89
ARTHUR_KILL_GT_1 23520	21.91 1.01 -7.74	20.25 0.98 -6.14	19.60 1.00 -5.49	19.66 0.97 -5.61	19.52 0.97 -5.44	19.55 0.94 -4.84	20.10 0.76 -5.45	20.91 0.72 -6.41	19.56 0.88 -3.43	20.00 1.01 -2.95	20.02 1.03 -3.13	20.03 1.14 -2.20	20.01 1.16 -2.02	20.03 1.13 -2.54	20.03 1.18 -2.22	20.15 1.15 -2.57	22.17 1.18 -3.69	27.05 1.13 -6.74	32.91 1.53 -9.54	32.53 1.35 -11.11	35.97 1.46 -13.03	30.14 1.46 -8.96	23.29 1.32 -3.09	21.65 1.08 -4.98
ARTHUR_KILL_2 23512	21.87 0.97 -7.74	20.22 0.96 -6.14	19.56 0.96 -5.49	19.63 0.94 -5.61	19.50 0.94 -5.44	19.52 0.91 -4.84	20.07 0.74 -5.45	20.89 0.69 -6.41	19.51 0.84 -3.43	19.97 0.98 -2.95	19.99 1.00 -3.13	19.98 1.08 -2.20	19.97 1.13 -2.02	19.98 1.08 -2.54	19.99 1.15 -2.22	20.11 1.12 -2.57	22.12 1.12 -3.69	27.02 1.09 -6.74	32.85 1.46 -9.54	32.45 1.27 -11.11	35.90 1.40 -13.03	30.08 1.40 -8.96	23.25 1.28 -3.09	21.60 1.03 -4.98
ARTHUR_KILL_3 23513	21.73 0.84 -7.74	20.08 0.83 -6.13	19.42 0.83 -5.48	19.48 0.80 -5.60	19.35 0.80 -5.44	19.48 0.87 -4.84	20.15 0.82 -5.45	21.05 0.84 -6.41	19.71 1.02 -3.44	20.18 1.19 -2.95	20.19 1.19 -3.13	20.17 1.27 -2.21	20.17 1.31 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.20 1.21 -3.69	27.11 1.19 -6.74	32.88 1.49 -9.55	32.51 1.32 -11.11	35.95 1.44 -13.03	29.98 1.30 -8.96	23.19 1.23 -3.09	21.56 0.98 -4.98
ARTHUR_KILL_COGEN 323718	21.91 1.01 -7.74	20.25 0.98 -6.14	19.60 1.00 -5.49	19.66 0.97 -5.61	19.52 0.97 -5.44	19.55 0.94 -4.84	20.10 0.76 -5.45	20.91 0.72 -6.41	19.56 0.88 -3.43	20.00 1.01 -2.95	20.02 1.03 -3.13	20.03 1.14 -2.20	20.01 1.16 -2.02	20.03 1.13 -2.54	20.03 1.18 -2.22	20.15 1.15 -2.57	22.17 1.18 -3.69	27.05 1.13 -6.74	32.91 1.53 -9.54	32.53 1.35 -11.11	35.97 1.46 -13.03	30.14 1.46 -8.96	23.29 1.32 -3.09	21.65 1.08 -4.98
ASHOKAN____ 23654	22.28 0.38 -8.75	20.42 0.35 -6.94	19.64 0.33 -6.21	19.73 0.31 -6.34	19.66 0.39 -6.16	19.69 0.44 -5.48	20.53 0.47 -6.17	21.41 0.36 -7.26	19.59 0.46 -3.89	19.84 0.45 -3.34	19.84 0.43 -3.55	19.57 0.38 -2.50	19.56 0.44 -2.29	19.67 0.42 -2.88	19.55 0.40 -2.52	19.75 0.41 -2.92	21.96 0.48 -4.18	27.21 0.40 -7.62	33.13 0.48 -10.81	33.09 0.44 -12.58	36.62 0.88 -14.27	30.45 0.59 -10.14	22.99 0.62 -3.50	21.67 0.44 -5.64

ASTORIA_EAST_ENERGY_CC1 323581	21.84 0.95 -7.74	20.17 0.92 -6.13	19.52 0.92 -5.49	19.58 0.89 -5.61	19.44 0.89 -5.44	19.47 0.85 -4.84	20.05 0.72 -5.45	20.95 0.76 -6.41	19.58 0.90 -3.43	20.02 1.03 -2.95	20.02 1.03 -3.13	20.03 1.14 -2.20	20.01 1.16 -2.02	20.03 1.13 -2.54	20.03 1.18 -2.22	20.15 1.15 -2.57	22.11 1.12 -3.68	27.01 1.09 -6.73	32.80 1.42 -9.54	32.45 1.27 -11.11	35.88 1.38 -13.03	29.89 1.22 -8.95	23.09 1.13 -3.08	21.44 0.87 -4.97
ASTORIA_EAST_ENERGY_CC2 323582	21.84 0.95 -7.74	20.19 0.93 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.47 0.85 -4.84	20.06 0.74 -5.45	20.95 0.76 -6.41	19.58 0.90 -3.43	20.02 1.03 -2.95	20.02 1.03 -3.13	20.03 1.14 -2.20	20.01 1.16 -2.02	20.03 1.13 -2.54	20.03 1.18 -2.22	20.15 1.15 -2.57	22.11 1.12 -3.68	27.01 1.09 -6.73	32.80 1.42 -9.54	32.45 1.27 -11.11	35.88 1.38 -13.03	29.89 1.22 -8.95	23.09 1.13 -3.08	21.44 0.87 -4.97
ASTORIA_GT2_1 24094	21.84 0.95 -7.74	20.19 0.93 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.47 0.85 -4.84	20.06 0.74 -5.45	20.95 0.76 -6.41	19.58 0.90 -3.43	20.02 1.03 -2.95	20.04 1.05 -3.13	20.03 1.14 -2.20	20.02 1.18 -2.02	20.03 1.13 -2.54	20.03 1.18 -2.22	20.15 1.15 -2.57	22.13 1.14 -3.68	27.01 1.09 -6.73	32.82 1.44 -9.54	32.45 1.27 -11.11	35.88 1.38 -13.03	29.89 1.22 -8.95	23.09 1.13 -3.08	21.44 0.87 -4.97
ASTORIA_GT2_2 24095	21.84 0.95 -7.74	20.19 0.93 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.47 0.85 -4.84	20.06 0.74 -5.45	20.95 0.76 -6.41	19.58 0.90 -3.43	20.02 1.03 -2.95	20.04 1.05 -3.13	20.03 1.14 -2.20	20.02 1.18 -2.02	20.03 1.13 -2.54	20.03 1.18 -2.22	20.15 1.15 -2.57	22.13 1.14 -3.68	27.01 1.09 -6.73	32.82 1.44 -9.54	32.45 1.27 -11.11	35.88 1.38 -13.03	29.89 1.22 -8.95	23.09 1.13 -3.08	21.44 0.87 -4.97
ASTORIA_GT2_3 24096	21.84 0.95 -7.74	20.19 0.93 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.47 0.85 -4.84	20.06 0.74 -5.45	20.95 0.76 -6.41	19.58 0.90 -3.43	20.02 1.03 -2.95	20.04 1.05 -3.13	20.03 1.14 -2.20	20.02 1.18 -2.02	20.03 1.13 -2.54	20.03 1.18 -2.22	20.15 1.15 -2.57	22.13 1.14 -3.68	27.01 1.09 -6.73	32.82 1.44 -9.54	32.45 1.27 -11.11	35.88 1.38 -13.03	29.89 1.22 -8.95	23.09 1.13 -3.08	21.44 0.87 -4.97
ASTORIA_GT2_4 24097	21.84 0.95 -7.74	20.19 0.93 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.47 0.85 -4.84	20.06 0.74 -5.45	20.95 0.76 -6.41	19.58 0.90 -3.43	20.02 1.03 -2.95	20.04 1.05 -3.13	20.03 1.14 -2.20	20.02 1.18 -2.02	20.03 1.13 -2.54	20.03 1.18 -2.22	20.15 1.15 -2.57	22.13 1.14 -3.68	27.01 1.09 -6.73	32.82 1.44 -9.54	32.45 1.27 -11.11	35.88 1.38 -13.03	29.89 1.22 -8.95	23.09 1.13 -3.08	21.44 0.87 -4.97
ASTORIA_GT3_1 24098	21.84 0.95 -7.74	20.19 0.93 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.47 0.85 -4.84	20.06 0.74 -5.45	20.95 0.76 -6.41	19.58 0.90 -3.43	20.02 1.03 -2.95	20.04 1.05 -3.13	20.03 1.14 -2.20	20.02 1.18 -2.02	20.03 1.13 -2.54	20.03 1.18 -2.22	20.15 1.15 -2.57	22.13 1.14 -3.68	27.01 1.09 -6.73	32.82 1.44 -9.54	32.45 1.27 -11.11	35.88 1.38 -13.03	29.89 1.22 -8.95	23.09 1.13 -3.08	21.44 0.87 -4.97
ASTORIA_GT3_2 24099	21.84 0.95 -7.74	20.19 0.93 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.47 0.85 -4.84	20.06 0.74 -5.45	20.95 0.76 -6.41	19.58 0.90 -3.43	20.02 1.03 -2.95	20.04 1.05 -3.13	20.03 1.14 -2.20	20.02 1.18 -2.02	20.03 1.13 -2.54	20.03 1.18 -2.22	20.15 1.15 -2.57	22.13 1.14 -3.68	27.01 1.09 -6.73	32.82 1.44 -9.54	32.45 1.27 -11.11	35.88 1.38 -13.03	29.89 1.22 -8.95	23.09 1.13 -3.08	21.44 0.87 -4.97
ASTORIA_GT3_3 24100	21.84 0.95 -7.74	20.19 0.93 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.47 0.85 -4.84	20.06 0.74 -5.45	20.95 0.76 -6.41	19.58 0.90 -3.43	20.02 1.03 -2.95	20.04 1.05 -3.13	20.03 1.14 -2.20	20.02 1.18 -2.02	20.03 1.13 -2.54	20.03 1.18 -2.22	20.15 1.15 -2.57	22.13 1.14 -3.68	27.01 1.09 -6.73	32.82 1.44 -9.54	32.45 1.27 -11.11	35.88 1.38 -13.03	29.89 1.22 -8.95	23.09 1.13 -3.08	21.44 0.87 -4.97
ASTORIA_GT3_4 24101	21.84 0.95 -7.74	20.19 0.93 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.47 0.85 -4.84	20.06 0.74 -5.45	20.95 0.76 -6.41	19.58 0.90 -3.43	20.02 1.03 -2.95	20.04 1.05 -3.13	20.03 1.14 -2.20	20.02 1.18 -2.02	20.03 1.13 -2.54	20.03 1.18 -2.22	20.15 1.15 -2.57	22.13 1.14 -3.68	27.01 1.09 -6.73	32.82 1.44 -9.54	32.45 1.27 -11.11	35.88 1.38 -13.03	29.89 1.22 -8.95	23.09 1.13 -3.08	21.44 0.87 -4.97
ASTORIA_GT4_1 24102	21.84 0.95 -7.74	20.19 0.93 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.47 0.85 -4.84	20.06 0.74 -5.45	20.95 0.76 -6.41	19.58 0.90 -3.43	20.02 1.03 -2.95	20.04 1.05 -3.13	20.03 1.14 -2.20	20.02 1.18 -2.02	20.03 1.13 -2.54	20.03 1.18 -2.22	20.15 1.15 -2.57	22.13 1.14 -3.68	27.01 1.09 -6.73	32.82 1.44 -9.54	32.45 1.27 -11.11	35.88 1.38 -13.03	29.89 1.22 -8.95	23.09 1.13 -3.08	21.44 0.87 -4.97
ASTORIA_GT4_2 24103	21.84 0.95 -7.74	20.19 0.93 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.47 0.85 -4.84	20.06 0.74 -5.45	20.95 0.76 -6.41	19.58 0.90 -3.43	20.02 1.03 -2.95	20.04 1.05 -3.13	20.03 1.14 -2.20	20.02 1.18 -2.02	20.03 1.13 -2.54	20.03 1.18 -2.22	20.15 1.15 -2.57	22.13 1.14 -3.68	27.01 1.09 -6.73	32.82 1.44 -9.54	32.45 1.27 -11.11	35.88 1.38 -13.03	29.89 1.22 -8.95	23.09 1.13 -3.08	21.44 0.87 -4.97
ASTORIA_GT4_3 24104	21.84 0.95 -7.74	20.19 0.93 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.47 0.85 -4.84	20.06 0.74 -5.45	20.95 0.76 -6.41	19.58 0.90 -3.43	20.02 1.03 -2.95	20.04 1.05 -3.13	20.03 1.14 -2.20	20.02 1.18 -2.02	20.03 1.13 -2.54	20.03 1.18 -2.22	20.15 1.15 -2.57	22.13 1.14 -3.68	27.01 1.09 -6.73	32.82 1.44 -9.54	32.45 1.27 -11.11	35.88 1.38 -13.03	29.89 1.22 -8.95	23.09 1.13 -3.08	21.44 0.87 -4.97
ASTORIA_GT4_4 24105	21.84 0.95 -7.74	20.19 0.93 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.47 0.85 -4.84	20.06 0.74 -5.45	20.95 0.76 -6.41	19.58 0.90 -3.43	20.02 1.03 -2.95	20.04 1.05 -3.13	20.03 1.14 -2.20	20.02 1.18 -2.02	20.03 1.13 -2.54	20.03 1.18 -2.22	20.15 1.15 -2.57	22.13 1.14 -3.68	27.01 1.09 -6.73	32.82 1.44 -9.54	32.45 1.27 -11.11	35.88 1.38 -13.03	29.89 1.22 -8.95	23.09 1.13 -3.08	21.44 0.87 -4.97
ASTORIA_GT_1 23523	21.87 0.97 -7.74	20.20 0.95 -6.13	19.54 0.94 -5.49	19.61 0.92 -5.61	19.47 0.92 -5.44	19.50 0.88 -4.84	20.08 0.75 -5.45	20.98 0.79 -6.41	19.61 0.93 -3.43	20.05 1.06 -2.95	20.05 1.06 -3.13	20.06 1.17 -2.20	20.06 1.21 -2.02	20.06 1.16 -2.54	20.06 1.21 -2.22	20.18 1.18 -2.57	22.14 1.16 -3.68	27.05 1.13 -6.73	32.87 1.49 -9.54	32.48 1.30 -11.11	35.92 1.42 -13.03	29.93 1.26 -8.95	23.13 1.17 -3.08	21.45 0.89 -4.97

ASTORIA_GT_10 24110	21.84 0.95 -7.74	20.17 0.92 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.54 0.92 -4.84	20.15 0.82 -5.45	21.03 0.83 -6.41	19.69 1.01 -3.44	20.14 1.14 -2.95	20.14 1.14 -3.13	20.13 1.23 -2.21	20.13 1.28 -2.03	20.14 1.23 -2.54	20.14 1.28 -2.23	20.25 1.25 -2.58	22.24 1.25 -3.69	27.13 1.21 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.02 1.50 -13.04	30.06 1.38 -8.96	23.25 1.28 -3.09	21.57 1.00 -4.98
ASTORIA_GT_11 24225	21.84 0.95 -7.74	20.17 0.92 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.54 0.92 -4.84	20.15 0.82 -5.45	21.03 0.83 -6.41	19.69 1.01 -3.44	20.14 1.14 -2.95	20.14 1.14 -3.13	20.13 1.23 -2.21	20.13 1.28 -2.03	20.14 1.23 -2.54	20.14 1.28 -2.23	20.25 1.25 -2.58	22.24 1.25 -3.69	27.13 1.21 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.02 1.50 -13.04	30.06 1.38 -8.96	23.25 1.28 -3.09	21.57 1.00 -4.98
ASTORIA_GT_12 24226	21.84 0.95 -7.74	20.17 0.92 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.54 0.92 -4.84	20.15 0.82 -5.45	21.03 0.83 -6.41	19.69 1.01 -3.44	20.14 1.14 -2.95	20.14 1.14 -3.13	20.13 1.23 -2.21	20.13 1.28 -2.03	20.14 1.23 -2.54	20.14 1.28 -2.23	20.25 1.25 -2.58	22.24 1.25 -3.69	27.13 1.21 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.02 1.50 -13.04	30.06 1.38 -8.96	23.25 1.28 -3.09	21.57 1.00 -4.98
ASTORIA_GT_13 24227	21.84 0.95 -7.74	20.17 0.92 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.54 0.92 -4.84	20.15 0.82 -5.45	21.03 0.83 -6.41	19.69 1.01 -3.44	20.14 1.14 -2.95	20.14 1.14 -3.13	20.13 1.23 -2.21	20.13 1.28 -2.03	20.14 1.23 -2.54	20.14 1.28 -2.23	20.25 1.25 -2.58	22.24 1.25 -3.69	27.13 1.21 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.02 1.50 -13.04	30.06 1.38 -8.96	23.25 1.28 -3.09	21.57 1.00 -4.98
ASTORIA_GT_5 24106	21.87 0.97 -7.74	20.20 0.95 -6.13	19.54 0.94 -5.49	19.61 0.92 -5.61	19.47 0.92 -5.44	19.50 0.88 -4.84	20.08 0.75 -5.45	20.98 0.79 -6.41	19.61 0.93 -3.43	20.05 1.06 -2.95	20.05 1.06 -3.13	20.06 1.17 -2.20	20.06 1.21 -2.02	20.06 1.16 -2.54	20.06 1.21 -2.22	20.18 1.18 -2.57	22.14 1.16 -3.68	27.05 1.13 -6.73	32.87 1.49 -9.54	32.48 1.30 -11.11	35.92 1.42 -13.03	29.93 1.26 -8.95	23.13 1.17 -3.08	21.45 0.89 -4.97
ASTORIA_GT_7 24107	21.87 0.97 -7.74	20.20 0.95 -6.13	19.54 0.94 -5.49	19.61 0.92 -5.61	19.47 0.92 -5.44	19.50 0.88 -4.84	20.08 0.75 -5.45	20.98 0.79 -6.41	19.61 0.93 -3.43	20.05 1.06 -2.95	20.05 1.06 -3.13	20.06 1.17 -2.20	20.06 1.21 -2.02	20.06 1.16 -2.54	20.06 1.21 -2.22	20.18 1.18 -2.57	22.14 1.16 -3.68	27.05 1.13 -6.73	32.87 1.49 -9.54	32.48 1.30 -11.11	35.92 1.42 -13.03	29.93 1.26 -8.95	23.13 1.17 -3.08	21.45 0.89 -4.97
ASTORIA_GT_8 24108	21.87 0.97 -7.74	20.20 0.95 -6.13	19.54 0.94 -5.49	19.61 0.92 -5.61	19.47 0.92 -5.44	19.50 0.88 -4.84	20.08 0.75 -5.45	20.98 0.79 -6.41	19.61 0.93 -3.43	20.05 1.06 -2.95	20.05 1.06 -3.13	20.06 1.17 -2.20	20.06 1.21 -2.02	20.06 1.16 -2.54	20.06 1.21 -2.22	20.18 1.18 -2.57	22.14 1.16 -3.68	27.05 1.13 -6.73	32.87 1.49 -9.54	32.48 1.30 -11.11	35.92 1.42 -13.03	29.93 1.26 -8.95	23.13 1.17 -3.08	21.45 0.89 -4.97
ASTORIA___2 24149	21.84 0.95 -7.74	20.19 0.93 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.47 0.85 -4.84	20.06 0.74 -5.45	20.95 0.76 -6.41	19.58 0.90 -3.43	20.02 1.03 -2.95	20.04 1.05 -3.13	20.03 1.14 -2.20	20.02 1.18 -2.02	20.03 1.13 -2.54	20.03 1.18 -2.22	20.15 1.15 -2.57	22.13 1.14 -3.68	27.01 1.09 -6.73	32.82 1.44 -9.54	32.45 1.27 -11.11	35.88 1.38 -13.03	29.89 1.22 -8.95	23.09 1.13 -3.08	21.44 0.87 -4.97
ASTORIA___3 23516	21.84 0.95 -7.74	20.17 0.92 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.54 0.92 -4.84	20.15 0.82 -5.45	21.03 0.83 -6.41	19.69 1.01 -3.44	20.14 1.14 -2.95	20.14 1.14 -3.13	20.13 1.23 -2.21	20.13 1.28 -2.03	20.14 1.23 -2.54	20.14 1.28 -2.23	20.25 1.25 -2.58	22.24 1.25 -3.69	27.13 1.21 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.02 1.50 -13.04	30.06 1.38 -8.96	23.25 1.28 -3.09	21.57 1.00 -4.98
ASTORIA___4 23517	21.86 0.95 -7.77	20.17 0.89 -6.15	19.54 0.92 -5.51	19.61 0.90 -5.63	19.47 0.90 -5.46	19.55 0.92 -4.86	20.17 0.82 -5.47	21.05 0.83 -6.43	19.70 1.01 -3.45	20.15 1.14 -2.96	20.20 1.19 -3.15	20.14 1.23 -2.22	20.11 1.25 -2.03	20.16 1.24 -2.55	20.14 1.28 -2.23	20.23 1.22 -2.59	22.25 1.25 -3.70	27.15 1.21 -6.76	32.99 1.57 -9.58	32.61 1.39 -11.15	36.05 1.48 -13.09	30.09 1.38 -8.99	23.26 1.28 -3.10	21.59 1.00 -5.00
ASTORIA___5 23518	21.84 0.95 -7.74	20.17 0.92 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.54 0.92 -4.84	20.15 0.82 -5.45	21.03 0.83 -6.41	19.69 1.01 -3.44	20.14 1.14 -2.95	20.14 1.14 -3.13	20.13 1.23 -2.21	20.13 1.28 -2.03	20.14 1.23 -2.54	20.14 1.28 -2.23	20.25 1.25 -2.58	22.24 1.25 -3.69	27.13 1.21 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.02 1.50 -13.04	30.06 1.38 -8.96	23.25 1.28 -3.09	21.57 1.00 -4.98
AST_ENERGY_2_CC3 323677	21.77 0.88 -7.74	20.11 0.85 -6.13	19.44 0.85 -5.48	19.52 0.84 -5.60	19.39 0.84 -5.44	19.51 0.89 -4.84	20.17 0.83 -5.45	21.06 0.86 -6.41	19.71 1.02 -3.44	20.15 1.16 -2.95	20.15 1.16 -3.13	20.15 1.25 -2.21	20.13 1.28 -2.03	20.15 1.24 -2.54	20.14 1.28 -2.23	20.27 1.26 -2.58	22.22 1.23 -3.69	27.13 1.21 -6.74	32.92 1.53 -9.55	32.53 1.35 -11.11	35.99 1.48 -13.03	30.02 1.34 -8.96	23.23 1.26 -3.09	21.57 1.00 -4.98
AST_ENERGY_2_CC4 323678	21.77 0.88 -7.74	20.11 0.85 -6.13	19.44 0.85 -5.48	19.52 0.84 -5.60	19.39 0.84 -5.44	19.51 0.89 -4.84	20.17 0.83 -5.45	21.06 0.86 -6.41	19.71 1.02 -3.44	20.15 1.16 -2.95	20.15 1.16 -3.13	20.15 1.25 -2.21	20.13 1.28 -2.03	20.15 1.24 -2.54	20.14 1.28 -2.23	20.27 1.26 -2.58	22.22 1.23 -3.69	27.13 1.21 -6.74	32.92 1.53 -9.55	32.53 1.35 -11.11	35.99 1.48 -13.03	30.02 1.34 -8.96	23.23 1.26 -3.09	21.57 1.00 -4.98
ATHENS_STG_1 23668	22.60 0.43 -9.02	20.69 0.42 -7.15	19.92 0.42 -6.39	20.02 0.41 -6.53	19.87 0.42 -6.35	19.87 0.45 -5.65	20.70 0.46 -6.36	21.72 0.45 -7.48	19.82 0.56 -4.01	20.08 0.59 -3.44	20.10 0.59 -3.66	19.90 0.63 -2.58	19.85 0.66 -2.36	19.95 0.62 -2.97	19.87 0.65 -2.60	20.07 0.64 -3.01	22.26 0.66 -4.30	27.75 0.71 -7.86	33.79 0.81 -11.14	33.76 0.72 -12.96	37.04 0.77 -14.79	30.87 0.71 -10.45	23.18 0.70 -3.60	21.93 0.53 -5.81
ATHENS_STG_2 23670	22.60 0.43 -9.02	20.69 0.42 -7.15	19.92 0.42 -6.39	20.02 0.41 -6.53	19.87 0.42 -6.35	19.87 0.45 -5.65	20.70 0.46 -6.36	21.72 0.45 -7.48	19.82 0.56 -4.01	20.08 0.59 -3.44	20.10 0.59 -3.66	19.90 0.63 -2.58	19.85 0.66 -2.36	19.95 0.62 -2.97	19.87 0.65 -2.60	20.07 0.64 -3.01	22.26 0.66 -4.30	27.75 0.71 -7.86	33.79 0.81 -11.14	33.76 0.72 -12.96	37.04 0.77 -14.79	30.87 0.71 -10.45	23.18 0.70 -3.60	21.93 0.53 -5.81

ATHENS_STG_3 23677	22.60 0.43 -9.02	20.69 0.42 -7.15	19.92 0.42 -6.39	20.02 0.41 -6.53	19.87 0.42 -6.35	19.87 0.45 -5.65	20.70 0.46 -6.36	21.72 0.45 -7.48	19.82 0.56 -4.01	20.08 0.59 -3.44	20.10 0.59 -3.66	19.90 0.63 -2.58	19.85 0.66 -2.36	19.95 0.62 -2.97	19.87 0.65 -2.60	20.07 0.64 -3.01	22.26 0.66 -4.30	27.75 0.71 -7.86	33.79 0.81 -11.14	33.76 0.72 -12.96	37.04 0.77 -14.79	30.87 0.71 -10.45	23.18 0.70 -3.60	21.93 0.53 -5.81
AUBURN___LFG 323710	14.03 -0.12 -1.00	13.77 -0.14 -0.79	13.64 -0.17 -0.71	13.55 -0.25 -0.72	13.61 -0.20 -0.70	14.31 -0.08 -0.62	14.54 -0.04 -0.70	14.56 -0.06 -0.83	15.65 -0.05 -0.44	16.38 -0.05 -0.38	16.33 0.06 -0.40	17.04 0.07 -0.28	17.16 0.07 -0.26	16.76 0.07 -0.33	17.00 0.08 -0.29	16.77 0.02 -0.33	17.90 0.12 -0.48	20.19 0.13 -0.87	23.18 0.11 -1.23	21.61 0.10 -1.43	23.22 0.11 -1.64	20.95 0.08 -1.15	19.39 0.11 -0.40	16.31 0.08 -0.64
BABYLON_RES_REC 323704	22.04 1.16 -7.74	23.17 1.13 -8.92	22.18 1.14 -7.94	23.44 1.11 -9.25	22.10 1.13 -7.86	22.47 1.21 -7.48	20.84 1.17 -5.79	23.46 1.17 -8.50	20.00 1.31 -3.44	21.71 1.46 -4.20	21.40 1.36 -4.17	20.60 1.55 -2.36	22.68 1.63 -4.22	23.26 1.54 -5.35	21.44 1.58 -3.23	23.49 1.59 -5.47	25.57 1.61 -6.66	39.66 1.65 -18.83	43.96 2.01 -20.11	41.29 1.81 -19.41	47.33 1.95 -23.89	36.79 1.78 -15.29	25.51 1.79 -4.84	22.67 1.36 -5.72
BABYLON__69_KV_BK2 356345	22.19 1.28 -7.76	23.30 1.23 -8.94	22.32 1.26 -7.95	23.59 1.24 -9.27	22.24 1.25 -7.88	22.62 1.35 -7.50	20.98 1.29 -5.80	23.62 1.31 -8.52	20.14 1.45 -3.45	21.89 1.64 -4.21	21.66 1.62 -4.18	20.74 1.69 -2.36	22.77 1.72 -4.23	23.41 1.69 -5.36	21.58 1.71 -3.24	23.50 1.59 -5.48	25.74 1.76 -6.67	39.88 1.84 -18.85	44.25 2.27 -20.14	41.57 2.05 -19.45	47.61 2.19 -23.95	37.07 2.03 -15.32	25.71 1.98 -4.85	22.84 1.51 -5.74
BARON_WINDS___WT_PWR 323822	14.70 -0.16 -1.71	14.25 -0.22 -1.35	14.07 -0.25 -1.21	13.98 -0.34 -1.23	14.03 -0.28 -1.20	14.78 -0.05 -1.07	15.07 -0.01 -1.20	15.11 -0.10 -1.41	15.87 -0.14 -0.76	16.55 -0.14 -0.65	16.43 -0.13 -0.69	17.01 -0.17 -0.49	17.06 -0.22 -0.45	16.78 -0.15 -0.56	16.95 -0.17 -0.49	16.80 -0.20 -0.57	17.99 -0.12 -0.81	20.54 -0.13 -1.49	23.62 -0.33 -2.11	22.23 -0.30 -2.45	23.87 -0.39 -2.78	21.40 -0.30 -1.98	19.35 -0.21 -0.68	16.75 0.06 -1.10
BARRETT_IC_1 23704	21.99 1.10 -7.74	23.11 1.06 -8.92	22.10 1.06 -7.94	23.38 1.05 -9.25	22.02 1.05 -7.86	22.39 1.13 -7.48	20.77 1.10 -5.79	23.39 1.10 -8.50	19.95 1.26 -3.44	21.66 1.41 -4.20	21.33 1.30 -4.17	20.48 1.44 -2.36	22.53 1.48 -4.22	23.06 1.34 -5.35	21.29 1.43 -3.23	23.29 1.40 -5.47	25.31 1.35 -6.66	39.40 1.38 -18.83	43.65 1.70 -20.11	41.01 1.52 -19.41	47.03 1.65 -23.89	36.51 1.50 -15.29	25.17 1.45 -4.84	22.53 1.22 -5.72
BARRETT_IC_10 23701	21.99 1.10 -7.74	23.11 1.06 -8.92	22.10 1.06 -7.94	23.38 1.05 -9.25	22.02 1.05 -7.86	22.39 1.13 -7.48	20.77 1.10 -5.79	23.39 1.10 -8.50	19.95 1.26 -3.44	21.66 1.41 -4.20	21.33 1.30 -4.17	20.48 1.44 -2.36	22.53 1.48 -4.22	23.06 1.34 -5.35	21.29 1.43 -3.23	23.29 1.40 -5.47	25.31 1.35 -6.66	39.40 1.38 -18.83	43.65 1.70 -20.11	41.01 1.52 -19.41	47.03 1.65 -23.89	36.51 1.50 -15.29	25.17 1.45 -4.84	22.53 1.22 -5.72
BARRETT_IC_11 23702	21.99 1.10 -7.74	23.11 1.06 -8.92	22.10 1.06 -7.94	23.38 1.05 -9.25	22.02 1.05 -7.86	22.39 1.13 -7.48	20.77 1.10 -5.79	23.39 1.10 -8.50	19.95 1.26 -3.44	21.66 1.41 -4.20	21.33 1.30 -4.17	20.48 1.44 -2.36	22.53 1.48 -4.22	23.06 1.34 -5.35	21.29 1.43 -3.23	23.29 1.40 -5.47	25.31 1.35 -6.66	39.40 1.38 -18.83	43.65 1.70 -20.11	41.01 1.52 -19.41	47.03 1.65 -23.89	36.51 1.50 -15.29	25.17 1.45 -4.84	22.53 1.22 -5.72
BARRETT_IC_12 23703	21.99 1.10 -7.74	23.11 1.06 -8.92	22.10 1.06 -7.94	23.38 1.05 -9.25	22.02 1.05 -7.86	22.39 1.13 -7.48	20.77 1.10 -5.79	23.39 1.10 -8.50	19.95 1.26 -3.44	21.66 1.41 -4.20	21.33 1.30 -4.17	20.48 1.44 -2.36	22.53 1.48 -4.22	23.06 1.34 -5.35	21.29 1.43 -3.23	23.29 1.40 -5.47	25.31 1.35 -6.66	39.40 1.38 -18.83	43.65 1.70 -20.11	41.01 1.52 -19.41	47.03 1.65 -23.89	36.51 1.50 -15.29	25.17 1.45 -4.84	22.53 1.22 -5.72
BARRETT_IC_2 23705	21.99 1.10 -7.74	23.11 1.06 -8.92	22.10 1.06 -7.94	23.38 1.05 -9.25	22.02 1.05 -7.86	22.39 1.13 -7.48	20.77 1.10 -5.79	23.39 1.10 -8.50	19.95 1.26 -3.44	21.66 1.41 -4.20	21.33 1.30 -4.17	20.48 1.44 -2.36	22.53 1.48 -4.22	23.06 1.34 -5.35	21.29 1.43 -3.23	23.29 1.40 -5.47	25.31 1.35 -6.66	39.40 1.38 -18.83	43.65 1.70 -20.11	41.01 1.52 -19.41	47.03 1.65 -23.89	36.51 1.50 -15.29	25.17 1.45 -4.84	22.53 1.22 -5.72
BARRETT_IC_3 23706	21.99 1.10 -7.74	23.11 1.06 -8.92	22.10 1.06 -7.94	23.38 1.05 -9.25	22.02 1.05 -7.86	22.39 1.13 -7.48	20.77 1.10 -5.79	23.39 1.10 -8.50	19.95 1.26 -3.44	21.66 1.41 -4.20	21.33 1.30 -4.17	20.48 1.44 -2.36	22.53 1.48 -4.22	23.06 1.34 -5.35	21.29 1.43 -3.23	23.29 1.40 -5.47	25.31 1.35 -6.66	39.40 1.38 -18.83	43.65 1.70 -20.11	41.01 1.52 -19.41	47.03 1.65 -23.89	36.51 1.50 -15.29	25.17 1.45 -4.84	22.53 1.22 -5.72
BARRETT_IC_4 23707	21.99 1.10 -7.74	23.11 1.06 -8.92	22.10 1.06 -7.94	23.38 1.05 -9.25	22.02 1.05 -7.86	22.39 1.13 -7.48	20.77 1.10 -5.79	23.39 1.10 -8.50	19.95 1.26 -3.44	21.66 1.41 -4.20	21.33 1.30 -4.17	20.48 1.44 -2.36	22.53 1.48 -4.22	23.06 1.34 -5.35	21.29 1.43 -3.23	23.29 1.40 -5.47	25.31 1.35 -6.66	39.40 1.38 -18.83	43.65 1.70 -20.11	41.01 1.52 -19.41	47.03 1.65 -23.89	36.51 1.50 -15.29	25.17 1.45 -4.84	22.53 1.22 -5.72
BARRETT_IC_5 23708	21.99 1.10 -7.74	23.11 1.06 -8.92	22.10 1.06 -7.94	23.38 1.05 -9.25	22.02 1.05 -7.86	22.39 1.13 -7.48	20.77 1.10 -5.79	23.39 1.10 -8.50	19.95 1.26 -3.44	21.66 1.41 -4.20	21.33 1.30 -4.17	20.48 1.44 -2.36	22.53 1.48 -4.22	23.06 1.34 -5.35	21.29 1.43 -3.23	23.29 1.40 -5.47	25.31 1.35 -6.66	39.40 1.38 -18.83	43.65 1.70 -20.11	41.01 1.52 -19.41	47.03 1.65 -23.89	36.51 1.50 -15.29	25.17 1.45 -4.84	22.53 1.22 -5.72
BARRETT_IC_6 23709	21.99 1.10 -7.74	23.11 1.06 -8.92	22.10 1.06 -7.94	23.38 1.05 -9.25	22.02 1.05 -7.86	22.39 1.13 -7.48	20.77 1.10 -5.79	23.39 1.10 -8.50	19.95 1.26 -3.44	21.66 1.41 -4.20	21.33 1.30 -4.17	20.48 1.44 -2.36	22.53 1.48 -4.22	23.06 1.34 -5.35	21.29 1.43 -3.23	23.29 1.40 -5.47	25.31 1.35 -6.66	39.40 1.38 -18.83	43.65 1.70 -20.11	41.01 1.52 -19.41	47.03 1.65 -23.89	36.51 1.50 -15.29	25.17 1.45 -4.84	22.53 1.22 -5.72
BARRETT_IC_7 23710	21.99 1.10 -7.74	23.11 1.06 -8.92	22.10 1.06 -7.94	23.38 1.05 -9.25	22.02 1.05 -7.86	22.39 1.13 -7.48	20.77 1.10 -5.79	23.39 1.10 -8.50	19.95 1.26 -3.44	21.66 1.41 -4.20	21.33 1.30 -4.17	20.48 1.44 -2.36	22.53 1.48 -4.22	23.06 1.34 -5.35	21.29 1.43 -3.23	23.29 1.40 -5.47	25.31 1.35 -6.66	39.40 1.38 -18.83	43.65 1.70 -20.11	41.01 1.52 -19.41	47.03 1.65 -23.89	36.51 1.50 -15.29	25.17 1.45 -4.84	22.53 1.22 -5.72

BARRETT_IC_8 23711	21.99 1.10 -7.74	23.11 1.06 -8.92	22.10 1.06 -7.94	23.38 1.05 -9.25	22.02 1.05 -7.86	22.39 1.13 -7.48	20.77 1.10 -5.79	23.39 1.10 -8.50	19.95 1.26 -3.44	21.66 1.41 -4.20	21.33 1.30 -4.17	20.48 1.44 -2.36	22.53 1.48 -4.22	23.06 1.34 -5.35	21.29 1.43 -3.23	23.29 1.40 -5.47	25.31 1.35 -6.66	39.40 1.38 -18.83	43.65 1.70 -20.11	41.01 1.52 -19.41	47.03 1.65 -23.89	36.51 1.50 -15.29	25.17 1.45 -4.84	22.53 1.22 -5.72
BARRETT_IC_9 23700	21.99 1.10 -7.74	23.11 1.06 -8.92	22.10 1.06 -7.94	23.38 1.05 -9.25	22.02 1.05 -7.86	22.39 1.13 -7.48	20.77 1.10 -5.79	23.39 1.10 -8.50	19.95 1.26 -3.44	21.66 1.41 -4.20	21.33 1.30 -4.17	20.48 1.44 -2.36	22.53 1.48 -4.22	23.06 1.34 -5.35	21.29 1.43 -3.23	23.29 1.40 -5.47	25.31 1.35 -6.66	39.40 1.38 -18.83	43.65 1.70 -20.11	41.01 1.52 -19.41	47.03 1.65 -23.89	36.51 1.50 -15.29	25.17 1.45 -4.84	22.53 1.22 -5.72
BARRETT___1 23545	21.99 1.10 -7.74	23.11 1.06 -8.92	22.10 1.06 -7.94	23.38 1.05 -9.25	22.02 1.05 -7.86	22.39 1.13 -7.48	20.77 1.10 -5.79	23.39 1.10 -8.50	19.95 1.26 -3.44	21.66 1.41 -4.20	21.33 1.30 -4.17	20.48 1.44 -2.36	22.53 1.48 -4.22	23.06 1.34 -5.35	21.29 1.43 -3.23	23.29 1.40 -5.47	25.31 1.35 -6.66	39.40 1.38 -18.83	43.65 1.70 -20.11	41.01 1.52 -19.41	47.03 1.65 -23.89	36.51 1.50 -15.29	25.17 1.45 -4.84	22.53 1.22 -5.72
BARRETT___2 23546	21.99 1.10 -7.74	23.11 1.06 -8.92	22.10 1.06 -7.94	23.38 1.05 -9.25	22.02 1.05 -7.86	22.39 1.13 -7.48	20.77 1.10 -5.79	23.39 1.10 -8.50	19.95 1.26 -3.44	21.66 1.41 -4.20	21.33 1.30 -4.17	20.48 1.44 -2.36	22.53 1.48 -4.22	23.06 1.34 -5.35	21.29 1.43 -3.23	23.29 1.40 -5.47	25.31 1.35 -6.66	39.40 1.38 -18.83	43.65 1.70 -20.11	41.01 1.52 -19.41	47.03 1.65 -23.89	36.51 1.50 -15.29	25.17 1.45 -4.84	22.53 1.22 -5.72
BATAVIA___115KV_TB1 55881	14.01 -0.25 -1.11	13.63 -0.37 -0.88	13.50 -0.39 -0.79	13.38 -0.51 -0.80	13.48 -0.41 -0.78	14.37 -0.10 -0.69	14.65 -0.01 -0.78	14.49 -0.22 -0.92	15.42 -0.32 -0.49	16.11 -0.35 -0.42	15.95 -0.36 -0.45	16.61 -0.40 -0.32	16.73 -0.39 -0.29	16.34 -0.39 -0.36	16.53 -0.42 -0.32	16.45 -0.34 -0.37	17.48 -0.35 -0.53	19.73 -0.42 -0.97	22.49 -0.72 -1.37	21.01 -0.66 -1.59	22.53 -0.77 -1.83	20.39 -0.61 -1.28	18.92 -0.40 -0.44	16.29 -0.02 -0.71
BAYONEEC___CTG1 323682	21.77 0.88 -7.74	20.11 0.85 -6.13	19.44 0.85 -5.48	19.52 0.84 -5.60	19.39 0.84 -5.44	19.52 0.91 -4.84	20.18 0.85 -5.45	21.07 0.87 -6.41	19.72 1.04 -3.44	20.18 1.19 -2.95	20.19 1.19 -3.13	20.18 1.29 -2.21	20.17 1.31 -2.03	20.19 1.28 -2.54	20.17 1.31 -2.23	20.30 1.30 -2.58	22.25 1.26 -3.69	27.17 1.25 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.04 1.53 -13.03	30.06 1.38 -8.96	23.25 1.28 -3.09	21.59 1.01 -4.98
BAYONEEC___CTG10 323750	21.77 0.88 -7.74	20.11 0.85 -6.13	19.44 0.85 -5.48	19.52 0.84 -5.60	19.39 0.84 -5.44	19.52 0.91 -4.84	20.18 0.85 -5.45	21.07 0.87 -6.41	19.72 1.04 -3.44	20.18 1.19 -2.95	20.19 1.19 -3.13	20.18 1.29 -2.21	20.17 1.31 -2.03	20.19 1.28 -2.54	20.17 1.31 -2.23	20.30 1.30 -2.58	22.25 1.26 -3.69	27.17 1.25 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.04 1.53 -13.03	30.06 1.38 -8.96	23.25 1.28 -3.09	21.59 1.01 -4.98
BAYONEEC___CTG2 323683	21.77 0.88 -7.74	20.11 0.85 -6.13	19.44 0.85 -5.48	19.52 0.84 -5.60	19.39 0.84 -5.44	19.52 0.91 -4.84	20.18 0.85 -5.45	21.07 0.87 -6.41	19.72 1.04 -3.44	20.18 1.19 -2.95	20.19 1.19 -3.13	20.18 1.29 -2.21	20.17 1.31 -2.03	20.19 1.28 -2.54	20.17 1.31 -2.23	20.30 1.30 -2.58	22.25 1.26 -3.69	27.17 1.25 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.04 1.53 -13.03	30.06 1.38 -8.96	23.25 1.28 -3.09	21.59 1.01 -4.98
BAYONEEC___CTG3 323684	21.77 0.88 -7.74	20.11 0.85 -6.13	19.44 0.85 -5.48	19.52 0.84 -5.60	19.39 0.84 -5.44	19.52 0.91 -4.84	20.18 0.85 -5.45	21.07 0.87 -6.41	19.72 1.04 -3.44	20.18 1.19 -2.95	20.19 1.19 -3.13	20.18 1.29 -2.21	20.17 1.31 -2.03	20.19 1.28 -2.54	20.17 1.31 -2.23	20.30 1.30 -2.58	22.25 1.26 -3.69	27.17 1.25 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.04 1.53 -13.03	30.06 1.38 -8.96	23.25 1.28 -3.09	21.59 1.01 -4.98
BAYONEEC___CTG4 323685	21.77 0.88 -7.74	20.11 0.85 -6.13	19.44 0.85 -5.48	19.52 0.84 -5.60	19.39 0.84 -5.44	19.52 0.91 -4.84	20.18 0.85 -5.45	21.07 0.87 -6.41	19.72 1.04 -3.44	20.18 1.19 -2.95	20.19 1.19 -3.13	20.18 1.29 -2.21	20.17 1.31 -2.03	20.19 1.28 -2.54	20.17 1.31 -2.23	20.30 1.30 -2.58	22.25 1.26 -3.69	27.17 1.25 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.04 1.53 -13.03	30.06 1.38 -8.96	23.25 1.28 -3.09	21.59 1.01 -4.98
BAYONEEC___CTG5 323686	21.77 0.88 -7.74	20.11 0.85 -6.13	19.44 0.85 -5.48	19.52 0.84 -5.60	19.39 0.84 -5.44	19.52 0.91 -4.84	20.18 0.85 -5.45	21.07 0.87 -6.41	19.72 1.04 -3.44	20.18 1.19 -2.95	20.19 1.19 -3.13	20.18 1.29 -2.21	20.17 1.31 -2.03	20.19 1.28 -2.54	20.17 1.31 -2.23	20.30 1.30 -2.58	22.25 1.26 -3.69	27.17 1.25 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.04 1.53 -13.03	30.06 1.38 -8.96	23.25 1.28 -3.09	21.59 1.01 -4.98
BAYONEEC___CTG6 323687	21.77 0.88 -7.74	20.11 0.85 -6.13	19.44 0.85 -5.48	19.52 0.84 -5.60	19.39 0.84 -5.44	19.52 0.91 -4.84	20.18 0.85 -5.45	21.07 0.87 -6.41	19.72 1.04 -3.44	20.18 1.19 -2.95	20.19 1.19 -3.13	20.18 1.29 -2.21	20.17 1.31 -2.03	20.19 1.28 -2.54	20.17 1.31 -2.23	20.30 1.30 -2.58	22.25 1.26 -3.69	27.17 1.25 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.04 1.53 -13.03	30.06 1.38 -8.96	23.25 1.28 -3.09	21.59 1.01 -4.98
BAYONEEC___CTG7 323688	21.77 0.88 -7.74	20.11 0.85 -6.13	19.44 0.85 -5.48	19.52 0.84 -5.60	19.39 0.84 -5.44	19.52 0.91 -4.84	20.18 0.85 -5.45	21.07 0.87 -6.41	19.72 1.04 -3.44	20.18 1.19 -2.95	20.19 1.19 -3.13	20.18 1.29 -2.21	20.17 1.31 -2.03	20.19 1.28 -2.54	20.17 1.31 -2.23	20.30 1.30 -2.58	22.25 1.26 -3.69	27.17 1.25 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.04 1.53 -13.03	30.06 1.38 -8.96	23.25 1.28 -3.09	21.59 1.01 -4.98
BAYONEEC___CTG8 323689	21.77 0.88 -7.74	20.11 0.85 -6.13	19.44 0.85 -5.48	19.52 0.84 -5.60	19.39 0.84 -5.44	19.52 0.91 -4.84	20.18 0.85 -5.45	21.07 0.87 -6.41	19.72 1.04 -3.44	20.18 1.19 -2.95	20.19 1.19 -3.13	20.18 1.29 -2.21	20.17 1.31 -2.03	20.19 1.28 -2.54	20.17 1.31 -2.23	20.30 1.30 -2.58	22.25 1.26 -3.69	27.17 1.25 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.04 1.53 -13.03	30.06 1.38 -8.96	23.25 1.28 -3.09	21.59 1.01 -4.98
BAYONEEC___CTG9 323749	21.77 0.88 -7.74	20.11 0.85 -6.13	19.44 0.85 -5.48	19.52 0.84 -5.60	19.39 0.84 -5.44	19.52 0.91 -4.84	20.18 0.85 -5.45	21.07 0.87 -6.41	19.72 1.04 -3.44	20.18 1.19 -2.95	20.19 1.19 -3.13	20.18 1.29 -2.21	20.17 1.31 -2.03	20.19 1.28 -2.54	20.17 1.31 -2.23	20.30 1.30 -2.58	22.25 1.26 -3.69	27.17 1.25 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.04 1.53 -13.03	30.06 1.38 -8.96	23.25 1.28 -3.09	21.59 1.01 -4.98

BEACON___LESR 323632	23.53 0.30 -10.08	21.40 0.29 -7.99	20.53 0.28 -7.15	20.66 0.28 -7.30	20.49 0.29 -7.09	20.41 0.33 -6.31	21.36 0.37 -7.11	22.49 0.34 -8.36	20.26 0.53 -4.48	20.45 0.56 -3.85	20.49 0.54 -4.08	20.12 0.55 -2.88	20.06 0.59 -2.64	20.20 0.52 -3.31	20.03 0.50 -2.90	20.33 0.54 -3.36	22.65 0.54 -4.81	28.56 0.60 -8.78	34.94 0.65 -12.45	35.16 0.60 -14.48	38.08 0.62 -15.98	31.96 0.57 -11.67	23.45 0.55 -4.03	22.49 0.40 -6.49
BEAVER RIVER___HYD 24048	13.12 -0.37 -0.34	13.00 -0.39 -0.27	12.94 -0.41 -0.24	12.92 -0.41 -0.25	12.94 -0.41 -0.24	13.57 -0.41 -0.21	13.69 -0.43 -0.24	13.66 -0.41 -0.28	14.84 -0.56 -0.15	15.55 -0.63 -0.13	15.38 -0.62 -0.14	16.15 -0.63 -0.10	16.24 -0.67 -0.09	15.81 -0.67 -0.11	16.05 -0.68 -0.10	15.85 -0.69 -0.11	16.77 -0.69 -0.16	18.85 -0.63 -0.30	21.67 -0.59 -0.42	20.11 -0.46 -0.49	21.63 -0.41 -0.56	19.68 -0.43 -0.40	18.52 -0.49 -0.14	15.41 -0.41 -0.22
BEEBEE_GT_13 23619	13.86 -0.26 -0.97	13.54 -0.35 -0.77	13.42 -0.38 -0.69	13.33 -0.46 -0.70	13.40 -0.39 -0.68	14.21 -0.17 -0.61	14.48 -0.08 -0.68	14.39 -0.21 -0.81	15.41 -0.27 -0.43	16.14 -0.27 -0.37	16.02 -0.24 -0.39	16.70 -0.27 -0.28	16.83 -0.25 -0.25	16.44 -0.25 -0.32	16.64 -0.27 -0.28	16.52 -0.23 -0.32	17.54 -0.22 -0.46	19.74 -0.29 -0.85	22.49 -0.55 -1.20	20.95 -0.52 -1.40	22.47 -0.60 -1.60	20.37 -0.47 -1.12	18.94 -0.32 -0.39	16.16 -0.06 -0.63
BENSHRST_27_KV_BENSHRST_1 355998	22.01 1.09 -7.77	20.31 1.02 -6.16	19.67 1.05 -5.51	19.73 1.02 -5.63	19.59 1.02 -5.46	19.65 1.02 -4.86	20.24 0.89 -5.47	21.11 0.88 -6.43	19.76 1.07 -3.45	20.23 1.22 -2.96	20.29 1.28 -3.15	20.24 1.34 -2.22	20.19 1.33 -2.03	20.24 1.33 -2.55	20.24 1.38 -2.23	20.31 1.30 -2.59	22.35 1.35 -3.70	27.29 1.34 -6.76	33.19 1.77 -9.58	32.79 1.57 -11.15	36.24 1.68 -13.09	30.28 1.58 -8.99	23.43 1.45 -3.10	21.74 1.15 -5.00
BETHLEHEM___GRP 23843	23.22 0.11 -9.97	21.13 0.10 -7.90	20.27 0.09 -7.07	20.39 0.09 -7.22	20.24 0.12 -7.01	20.15 0.14 -6.24	21.06 0.15 -7.03	22.18 0.12 -8.26	19.96 0.29 -4.43	20.14 0.29 -3.81	20.17 0.27 -4.04	19.84 0.30 -2.85	19.74 0.30 -2.61	19.94 0.29 -3.28	19.78 0.28 -2.87	20.03 0.28 -3.33	22.32 0.26 -4.76	28.15 0.29 -8.68	34.45 0.31 -12.31	34.67 0.28 -14.32	37.63 0.28 -15.87	31.52 0.26 -11.54	23.10 0.25 -3.98	22.17 0.16 -6.42
BETHLEHEM___GS1 323560	23.35 0.10 -10.09	21.23 0.10 -8.00	20.36 0.09 -7.15	20.48 0.09 -7.31	20.33 0.12 -7.10	20.23 0.14 -6.32	21.15 0.15 -7.11	22.28 0.12 -8.37	20.02 0.29 -4.48	20.19 0.29 -3.85	20.22 0.27 -4.09	19.87 0.30 -2.88	19.79 0.32 -2.64	19.98 0.29 -3.32	19.82 0.28 -2.90	20.10 0.31 -3.37	22.38 0.26 -4.82	28.26 0.29 -8.79	34.61 0.31 -12.46	34.86 0.28 -14.50	37.78 0.28 -16.03	31.66 0.26 -11.69	23.15 0.24 -4.03	22.25 0.16 -6.50
BETHLEHEM___GS2 323561	23.35 0.10 -10.09	21.23 0.10 -8.00	20.36 0.09 -7.15	20.48 0.09 -7.31	20.33 0.12 -7.10	20.23 0.14 -6.32	21.15 0.15 -7.11	22.28 0.12 -8.37	20.02 0.29 -4.48	20.19 0.29 -3.85	20.22 0.27 -4.09	19.87 0.30 -2.88	19.79 0.32 -2.64	19.98 0.29 -3.32	19.82 0.28 -2.90	20.10 0.31 -3.37	22.38 0.26 -4.82	28.26 0.29 -8.79	34.61 0.31 -12.46	34.86 0.28 -14.50	37.78 0.28 -16.03	31.66 0.26 -11.69	23.15 0.24 -4.03	22.25 0.16 -6.50
BETHLEHEM___GS3 323562	23.35 0.10 -10.09	21.23 0.10 -8.00	20.36 0.09 -7.15	20.48 0.09 -7.31	20.33 0.12 -7.10	20.23 0.14 -6.32	21.15 0.15 -7.11	22.28 0.12 -8.37	20.02 0.29 -4.48	20.19 0.29 -3.85	20.22 0.27 -4.09	19.87 0.30 -2.88	19.79 0.32 -2.64	19.98 0.29 -3.32	19.82 0.28 -2.90	20.10 0.31 -3.37	22.38 0.26 -4.82	28.26 0.29 -8.79	34.61 0.31 -12.46	34.86 0.28 -14.50	37.78 0.28 -16.03	31.66 0.26 -11.69	23.15 0.24 -4.03	22.25 0.16 -6.50
BETHLEHEM___STEEL 23779	13.93 -0.54 -1.32	13.54 -0.63 -1.05	13.39 -0.66 -0.94	13.27 -0.77 -0.96	13.37 -0.67 -0.93	14.21 -0.39 -0.83	14.51 -0.31 -0.93	14.43 -0.46 -1.09	15.24 -0.59 -0.59	15.95 -0.59 -0.50	15.81 -0.59 -0.53	16.45 -0.62 -0.38	16.57 -0.61 -0.35	16.19 -0.61 -0.43	16.38 -0.63 -0.38	16.30 -0.56 -0.44	17.31 -0.62 -0.63	19.59 -0.75 -1.15	22.31 -1.16 -1.63	20.87 -1.10 -1.90	22.40 -1.25 -2.17	20.18 -1.06 -1.53	18.57 -0.83 -0.53	16.10 -0.34 -0.85
BETHLHEM_115KV_TB1 79974	23.26 0.14 -9.97	21.17 0.14 -7.90	20.32 0.14 -7.07	20.43 0.13 -7.22	20.28 0.16 -7.02	20.19 0.18 -6.24	21.11 0.19 -7.03	22.22 0.17 -8.27	20.00 0.32 -4.43	20.19 0.34 -3.81	20.22 0.32 -4.04	19.87 0.33 -2.85	19.79 0.35 -2.61	19.97 0.33 -3.28	19.83 0.33 -2.87	20.08 0.33 -3.33	22.37 0.31 -4.76	28.21 0.35 -8.68	34.52 0.37 -12.31	34.74 0.34 -14.32	37.72 0.34 -15.90	31.58 0.32 -11.55	23.18 0.32 -3.98	22.22 0.20 -6.42
BETHPAGE_CC_5 323564	22.03 1.14 -7.74	23.16 1.11 -8.92	22.16 1.11 -7.94	23.42 1.09 -9.25	22.07 1.10 -7.86	22.44 1.18 -7.48	20.81 1.14 -5.79	23.45 1.16 -8.50	20.00 1.31 -3.44	21.71 1.46 -4.20	21.41 1.38 -4.17	20.58 1.53 -2.36	22.66 1.62 -4.22	23.24 1.52 -5.35	21.42 1.56 -3.23	23.47 1.58 -5.47	25.50 1.54 -6.66	39.51 1.50 -18.83	43.76 1.81 -20.11	41.13 1.65 -19.41	47.15 1.78 -23.89	36.65 1.64 -15.29	25.40 1.68 -4.84	22.62 1.31 -5.72
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	13.92 -0.58 -1.35	13.53 -0.66 -1.07	13.38 -0.68 -0.96	13.26 -0.80 -0.98	13.36 -0.69 -0.95	14.19 -0.43 -0.84	14.47 -0.36 -0.95	14.41 -0.50 -1.12	15.22 -0.63 -0.60	15.93 -0.63 -0.51	15.79 -0.62 -0.55	16.42 -0.65 -0.39	16.54 -0.64 -0.35	16.17 -0.64 -0.44	16.34 -0.68 -0.39	16.28 -0.59 -0.45	17.29 -0.66 -0.64	19.59 -0.77 -1.17	22.30 -1.20 -1.66	20.89 -1.12 -1.94	22.43 -1.27 -2.22	20.20 -1.08 -1.56	18.55 -0.87 -0.54	16.07 -0.39 -0.87
BINGHAMTON___COGEN 23790	15.47 0.01 -2.31	14.91 -0.04 -1.83	14.69 -0.05 -1.63	14.66 -0.09 -1.67	14.66 -0.07 -1.62	15.27 0.06 -1.44	15.58 0.07 -1.63	15.76 0.06 -1.91	16.32 0.05 -1.02	16.97 0.05 -0.88	16.84 0.05 -0.93	17.38 0.03 -0.66	17.48 0.05 -0.60	17.17 0.05 -0.76	17.34 0.05 -0.66	17.27 0.08 -0.77	18.49 0.09 -1.10	21.29 0.10 -2.01	24.75 0.07 -2.85	23.45 0.06 -3.31	25.32 0.04 -3.80	22.45 0.06 -2.67	19.87 0.08 -0.92	17.23 0.16 -1.48
BIXINCNT_115KV_LOAD 355685	14.03 -0.54 -1.42	13.63 -0.62 -1.13	13.48 -0.64 -1.01	13.35 -0.76 -1.03	13.44 -0.67 -1.00	14.25 -0.41 -0.89	14.51 -0.37 -1.00	14.49 -0.48 -1.18	15.30 -0.58 -0.63	16.01 -0.58 -0.54	15.90 -0.54 -0.58	16.56 -0.53 -0.41	16.65 -0.56 -0.37	16.31 -0.52 -0.47	16.47 -0.57 -0.41	16.41 -0.49 -0.48	17.44 -0.54 -0.68	19.81 -0.61 -1.24	22.59 -1.00 -1.76	21.16 -0.96 -2.05	22.70 -1.12 -2.34	20.40 -0.97 -1.65	18.69 -0.76 -0.57	16.18 -0.33 -0.92
BLACK RIVER___HYD 24047	13.28 -0.34 -0.47	13.10 -0.39 -0.38	13.02 -0.42 -0.34	12.99 -0.43 -0.34	13.02 -0.42 -0.33	13.67 -0.40 -0.30	13.79 -0.43 -0.33	13.74 -0.44 -0.39	14.86 -0.59 -0.21	15.57 -0.66 -0.18	15.40 -0.65 -0.19	16.17 -0.65 -0.14	16.25 -0.71 -0.12	15.83 -0.69 -0.16	16.05 -0.71 -0.14	15.84 -0.74 -0.16	16.80 -0.73 -0.23	18.97 -0.63 -0.41	21.86 -0.57 -0.58	20.33 -0.42 -0.68	21.93 -0.32 -0.77	19.91 -0.35 -0.55	18.65 -0.42 -0.19	15.57 -0.33 -0.30

BLACKRVR_115KV_TB2 79977	13.25 -0.34 -0.45	13.08 -0.39 -0.35	13.01 -0.42 -0.32	12.97 -0.43 -0.32	13.00 -0.42 -0.31	13.65 -0.40 -0.28	13.77 -0.43 -0.32	13.72 -0.44 -0.37	14.85 -0.59 -0.20	15.56 -0.66 -0.17	15.42 -0.62 -0.18	16.17 -0.65 -0.13	16.26 -0.69 -0.12	15.83 -0.69 -0.15	16.04 -0.72 -0.13	15.82 -0.76 -0.15	16.79 -0.73 -0.21	18.94 -0.63 -0.39	21.82 -0.57 -0.55	20.30 -0.42 -0.64	21.89 -0.32 -0.73	19.88 -0.35 -0.52	18.64 -0.42 -0.18	15.55 -0.33 -0.29
BLISS_WT_PWR 323608	14.03 -0.54 -1.42	13.63 -0.62 -1.13	13.48 -0.64 -1.01	13.34 -0.77 -1.03	13.44 -0.67 -1.00	14.24 -0.43 -0.89	14.50 -0.39 -1.00	14.48 -0.50 -1.18	15.30 -0.58 -0.63	15.99 -0.59 -0.54	15.95 -0.49 -0.58	16.58 -0.52 -0.41	16.60 -0.61 -0.37	16.34 -0.49 -0.47	16.49 -0.55 -0.41	16.32 -0.58 -0.48	17.46 -0.52 -0.68	19.83 -0.59 -1.24	22.64 -0.96 -1.76	21.18 -0.94 -2.05	22.70 -1.09 -2.32	20.42 -0.95 -1.65	18.71 -0.74 -0.57	16.18 -0.33 -0.92
BLUE_CIRC_CHEM_DRP 24182	23.26 0.29 -9.82	21.19 0.29 -7.78	20.36 0.29 -6.96	20.45 0.26 -7.11	20.29 0.28 -6.91	20.24 0.32 -6.15	21.17 0.36 -6.92	22.26 0.33 -8.14	20.08 0.47 -4.36	20.27 0.48 -3.75	20.30 0.46 -3.98	19.98 0.48 -2.81	19.91 0.50 -2.57	20.07 0.47 -3.23	19.92 0.47 -2.82	20.16 0.46 -3.28	22.47 0.48 -4.69	28.28 0.54 -8.55	34.53 0.57 -12.12	34.72 0.54 -14.11	37.83 0.56 -15.79	31.60 0.51 -11.37	23.31 0.51 -3.92	22.29 0.37 -6.32
BOC_GAS_DRP 24189	23.42 0.28 -9.99	21.30 0.26 -7.92	20.45 0.26 -7.08	20.58 0.26 -7.23	20.40 0.26 -7.03	20.33 0.30 -6.25	21.23 0.31 -7.04	22.36 0.29 -8.28	20.10 0.41 -4.44	20.29 0.43 -3.82	20.34 0.43 -4.05	19.99 0.45 -2.85	19.90 0.45 -2.62	20.09 0.44 -3.29	19.95 0.45 -2.87	20.18 0.43 -3.33	22.52 0.45 -4.77	28.37 0.48 -8.70	34.72 0.55 -12.34	34.91 0.48 -14.35	38.09 0.52 -16.10	31.76 0.47 -11.57	23.34 0.47 -3.99	22.37 0.34 -6.43
BOONVILLE_115KV_TB1 79983	13.44 0.00 -0.29	13.31 -0.04 -0.23	13.26 -0.05 -0.21	13.23 -0.07 -0.21	13.26 -0.05 -0.21	13.95 0.00 -0.18	14.09 0.00 -0.21	14.03 0.00 -0.24	15.35 -0.03 -0.13	16.11 -0.05 -0.11	15.87 -0.11 -0.12	16.66 -0.12 -0.08	16.79 -0.12 -0.08	16.33 -0.13 -0.10	16.60 -0.12 -0.08	16.44 -0.08 -0.10	17.34 -0.10 -0.14	19.40 -0.04 -0.26	22.22 0.02 -0.36	20.54 0.04 -0.42	22.07 0.11 -0.48	20.12 0.06 -0.34	18.99 0.00 -0.12	15.84 0.06 -0.19
BORALEX_4TH_BRANCH 23824	23.67 0.43 -10.09	21.55 0.43 -8.00	20.69 0.43 -7.15	20.83 0.45 -7.30	20.64 0.43 -7.10	20.58 0.50 -6.32	21.49 0.50 -7.11	22.67 0.51 -8.36	20.37 0.64 -4.48	20.54 0.64 -3.85	20.57 0.62 -4.09	20.22 0.65 -2.88	20.15 0.67 -2.64	20.32 0.64 -3.32	20.18 0.65 -2.90	20.46 0.67 -3.37	22.82 0.71 -4.81	28.86 0.88 -8.79	35.24 0.94 -12.46	35.43 0.86 -14.50	37.85 0.90 -15.47	32.25 0.85 -11.68	23.74 0.83 -4.03	22.71 0.62 -6.50
BOWLINE___1 23526	21.33 0.76 -7.42	19.74 0.73 -5.88	19.09 0.72 -5.26	19.16 0.71 -5.37	19.05 0.72 -5.22	19.19 0.77 -4.64	19.85 0.74 -5.23	20.69 0.74 -6.15	19.43 0.88 -3.29	19.86 0.98 -2.83	19.85 0.98 -3.01	19.86 1.05 -2.12	19.87 1.09 -1.94	19.85 1.05 -2.44	19.84 1.08 -2.13	19.97 1.07 -2.48	21.93 1.09 -3.54	26.76 1.11 -6.46	32.33 1.33 -9.16	31.94 1.20 -10.66	35.30 1.33 -12.49	29.51 1.20 -8.59	22.97 1.13 -2.96	21.23 0.86 -4.78
BOWLINE___2 23595	21.33 0.76 -7.42	19.74 0.73 -5.88	19.09 0.72 -5.26	19.16 0.71 -5.37	19.05 0.72 -5.22	19.19 0.77 -4.65	19.85 0.74 -5.23	20.69 0.74 -6.15	19.43 0.88 -3.30	19.86 0.98 -2.83	19.85 0.98 -3.01	19.86 1.05 -2.12	19.87 1.09 -1.94	19.85 1.05 -2.44	19.84 1.08 -2.13	19.97 1.07 -2.48	21.93 1.09 -3.54	26.76 1.11 -6.46	32.33 1.33 -9.16	31.94 1.20 -10.66	35.30 1.33 -12.49	29.51 1.20 -8.59	22.97 1.13 -2.96	21.23 0.86 -4.78
BRADY___115KV_TB2 356060	13.15 -0.08 -0.08	13.16 -0.03 -0.06	13.15 -0.01 -0.06	13.14 0.00 -0.06	13.14 -0.03 -0.06	13.71 -0.11 -0.05	13.79 -0.15 -0.06	13.76 -0.10 -0.07	15.02 -0.26 -0.04	15.77 -0.30 -0.03	15.56 -0.33 -0.03	16.38 -0.33 -0.02	16.50 -0.35 -0.02	16.05 -0.34 -0.03	16.30 -0.35 -0.02	16.10 -0.34 -0.03	16.96 -0.38 -0.04	18.91 -0.35 -0.07	21.65 -0.28 -0.10	19.99 -0.20 -0.11	21.39 -0.21 -0.13	19.57 -0.24 -0.09	18.59 -0.32 -0.03	15.38 -0.27 -0.05
BRANSCOMB___SOLAR 323811	24.12 0.47 -10.50	21.92 0.47 -8.32	21.01 0.46 -7.44	21.11 0.43 -7.60	20.93 0.43 -7.39	20.83 0.48 -6.57	21.87 0.58 -7.40	23.05 0.55 -8.70	20.61 0.70 -4.66	20.78 0.72 -4.01	20.78 0.67 -4.25	20.39 0.70 -3.00	20.30 0.72 -2.75	20.47 0.66 -3.45	20.30 0.65 -3.02	20.62 0.69 -3.50	23.11 0.80 -5.01	29.25 0.92 -9.14	35.81 1.01 -12.96	36.10 0.94 -15.08	39.07 1.01 -16.58	32.78 0.91 -12.16	23.94 0.87 -4.19	22.98 0.62 -6.76
BRENTWOD_69_KV_W. BRTWOOD 56703	22.12 1.21 -7.76	23.24 1.18 -8.94	22.27 1.21 -7.95	23.54 1.19 -9.27	22.18 1.19 -7.88	22.57 1.29 -7.50	20.94 1.25 -5.80	23.56 1.25 -8.52	20.10 1.40 -3.45	21.81 1.56 -4.21	21.60 1.55 -4.18	20.69 1.64 -2.36	22.70 1.65 -4.23	23.35 1.62 -5.36	21.53 1.66 -3.24	23.41 1.51 -5.48	25.67 1.70 -6.67	39.78 1.75 -18.85	44.16 2.18 -20.14	41.47 1.95 -19.45	47.51 2.08 -23.95	36.97 1.93 -15.32	25.65 1.93 -4.85	22.78 1.45 -5.74
BRISTLHL_115KV_TB1 79998	13.45 -0.39 -0.69	13.22 -0.45 -0.55	13.14 -0.46 -0.49	13.09 -0.50 -0.50	13.12 -0.47 -0.49	13.80 -0.40 -0.43	13.98 -0.39 -0.49	13.95 -0.41 -0.57	15.10 -0.46 -0.31	15.84 -0.47 -0.26	15.68 -0.46 -0.28	16.40 -0.48 -0.20	16.52 -0.49 -0.18	16.13 -0.46 -0.23	16.33 -0.50 -0.20	16.19 -0.46 -0.23	17.15 -0.48 -0.33	19.25 -0.54 -0.60	22.04 -0.66 -0.85	20.49 -0.58 -0.99	21.99 -0.62 -1.14	19.95 -0.57 -0.80	18.64 -0.51 -0.28	15.70 -0.34 -0.45
BROOKHAVEN___DRP 24191	22.06 1.14 -7.76	23.19 1.13 -8.94	22.22 1.15 -7.95	23.51 1.16 -9.27	22.14 1.15 -7.88	22.52 1.25 -7.50	20.88 1.19 -5.80	23.54 1.23 -8.52	20.04 1.34 -3.45	21.77 1.51 -4.21	21.53 1.49 -4.18	20.60 1.55 -2.36	22.64 1.58 -4.23	23.28 1.55 -5.36	21.45 1.58 -3.24	23.37 1.46 -5.48	25.60 1.63 -6.67	39.72 1.69 -18.85	44.10 2.12 -20.14	41.41 1.89 -19.45	47.44 2.02 -23.95	36.92 1.87 -15.32	25.61 1.89 -4.85	22.73 1.40 -5.74
BROOKLYN_NAVY_YARD 23515	21.74 0.85 -7.74	20.07 0.81 -6.13	19.42 0.83 -5.48	19.48 0.80 -5.60	19.35 0.80 -5.44	19.48 0.87 -4.84	20.15 0.82 -5.45	21.06 0.86 -6.41	19.71 1.02 -3.44	20.15 1.16 -2.95	20.12 1.13 -3.13	20.13 1.23 -2.21	20.12 1.26 -2.03	20.12 1.21 -2.54	20.12 1.26 -2.23	20.25 1.25 -2.58	22.20 1.21 -3.69	27.13 1.21 -6.74	32.92 1.53 -9.55	32.53 1.35 -11.11	35.97 1.46 -13.03	30.02 1.34 -8.96	23.23 1.26 -3.09	21.54 0.97 -4.98
BROOKLYN___ARMY_DRP 323595	21.96 1.04 -7.77	20.25 0.97 -6.16	19.63 1.01 -5.51	19.69 0.98 -5.63	19.55 0.98 -5.46	19.61 0.98 -4.86	20.20 0.85 -5.47	21.07 0.84 -6.43	19.70 1.01 -3.45	20.16 1.16 -2.96	20.23 1.22 -3.15	20.17 1.27 -2.22	20.12 1.26 -2.03	20.18 1.26 -2.55	20.18 1.31 -2.23	20.24 1.23 -2.59	22.28 1.28 -3.70	27.21 1.27 -6.76	33.08 1.66 -9.58	32.69 1.47 -11.15	36.13 1.57 -13.09	30.20 1.50 -8.99	23.35 1.38 -3.10	21.70 1.11 -5.00

BROOKVLE_69_KV_TB1 55790	21.98 1.07 -7.76	23.07 1.01 -8.94	22.10 1.04 -7.95	23.36 1.01 -9.27	22.00 1.01 -7.88	22.37 1.10 -7.50	20.74 1.06 -5.80	23.38 1.08 -8.52	19.93 1.24 -3.45	21.64 1.38 -4.21	21.45 1.41 -4.18	20.52 1.47 -2.36	22.55 1.50 -4.23	23.20 1.47 -5.36	21.38 1.51 -3.24	23.32 1.41 -5.48	25.50 1.52 -6.67	39.61 1.57 -18.85	43.84 1.86 -20.14	41.19 1.67 -19.45	47.23 1.80 -23.95	36.70 1.66 -15.32	25.31 1.59 -4.85	22.56 1.23 -5.74
BROOME_2_LFGE 323671	15.56 0.01 -2.40	14.98 -0.04 -1.90	14.76 -0.05 -1.70	14.73 -0.09 -1.74	14.73 -0.07 -1.69	15.33 0.06 -1.50	15.64 0.07 -1.69	15.84 0.06 -1.99	16.38 0.06 -1.07	17.01 0.05 -0.92	16.90 0.06 -0.97	17.41 0.03 -0.69	17.49 0.03 -0.63	17.20 0.05 -0.79	17.37 0.05 -0.69	17.27 0.05 -0.80	18.53 0.09 -1.14	21.37 0.10 -2.09	24.87 0.07 -2.96	23.58 0.06 -3.45	25.43 0.04 -3.91	22.56 0.06 -2.78	19.91 0.08 -0.96	17.29 0.16 -1.54
BROOME__LFGE 323600	15.56 0.01 -2.40	14.98 -0.04 -1.90	14.76 -0.05 -1.70	14.73 -0.09 -1.74	14.73 -0.07 -1.69	15.33 0.06 -1.50	15.64 0.07 -1.69	15.84 0.06 -1.99	16.38 0.06 -1.07	17.01 0.05 -0.92	16.90 0.06 -0.97	17.41 0.03 -0.69	17.49 0.03 -0.63	17.20 0.05 -0.79	17.37 0.05 -0.69	17.27 0.05 -0.80	18.53 0.09 -1.14	21.37 0.10 -2.09	24.87 0.07 -2.96	23.58 0.06 -3.45	25.43 0.04 -3.91	22.56 0.06 -2.78	19.91 0.08 -0.96	17.29 0.16 -1.54
BROWNFLS_115KV_TB_3_5 80003	12.85 -0.53 -0.23	12.79 -0.51 -0.18	12.76 -0.51 -0.16	12.74 -0.51 -0.17	12.74 -0.52 -0.16	13.35 -0.56 -0.14	13.43 -0.61 -0.16	13.42 -0.57 -0.19	14.60 -0.75 -0.10	15.31 -0.82 -0.09	15.16 -0.79 -0.09	15.94 -0.82 -0.07	16.03 -0.86 -0.06	15.59 -0.85 -0.08	15.83 -0.86 -0.07	15.60 -0.90 -0.08	16.51 -0.90 -0.11	18.48 -0.90 -0.20	21.25 -0.87 -0.28	19.66 -0.74 -0.33	21.10 -0.75 -0.38	19.23 -0.75 -0.26	18.18 -0.79 -0.09	15.05 -0.69 -0.15
BROWNSV1_27_KV_LOAD 356125	21.90 0.99 -7.76	20.19 0.92 -6.15	19.55 0.94 -5.50	19.63 0.93 -5.62	19.50 0.93 -5.46	19.62 0.99 -4.86	20.28 0.93 -5.47	21.19 0.97 -6.43	19.84 1.14 -3.45	20.31 1.30 -2.96	20.34 1.33 -3.14	20.29 1.39 -2.22	20.26 1.40 -2.03	20.31 1.39 -2.55	20.29 1.43 -2.23	20.38 1.36 -2.59	22.39 1.38 -3.70	27.35 1.40 -6.76	33.19 1.77 -9.58	32.79 1.57 -11.15	36.24 1.68 -13.09	30.24 1.54 -8.99	23.41 1.43 -3.10	21.70 1.11 -5.00
BURROWS__LYONSDAL 23803	13.37 -0.08 -0.30	13.24 -0.12 -0.24	13.19 -0.13 -0.21	13.17 -0.13 -0.22	13.20 -0.12 -0.21	13.88 -0.08 -0.19	14.00 -0.10 -0.21	13.96 -0.08 -0.25	15.24 -0.14 -0.13	15.98 -0.18 -0.11	15.78 -0.21 -0.12	16.54 -0.23 -0.09	16.67 -0.24 -0.08	16.22 -0.25 -0.10	16.47 -0.25 -0.09	16.31 -0.21 -0.10	17.20 -0.24 -0.14	19.29 -0.15 -0.26	22.10 -0.11 -0.37	20.45 -0.06 -0.43	21.97 0.00 -0.49	20.01 -0.06 -0.35	18.90 -0.09 -0.12	15.75 -0.03 -0.19
CAITHNESS_CC_1 323624	22.04 1.16 -7.74	23.21 1.17 -8.92	22.21 1.17 -7.94	23.49 1.16 -9.25	22.14 1.17 -7.86	22.52 1.27 -7.48	20.88 1.21 -5.79	23.53 1.24 -8.50	20.04 1.36 -3.44	21.76 1.51 -4.20	21.43 1.40 -4.17	20.61 1.57 -2.36	22.72 1.67 -4.22	23.29 1.57 -5.35	21.47 1.61 -3.23	23.54 1.64 -5.47	25.59 1.63 -6.66	39.70 1.69 -18.83	44.04 2.10 -20.11	41.33 1.85 -19.41	47.37 2.00 -23.89	36.83 1.81 -15.29	25.60 1.89 -4.84	22.72 1.40 -5.72
CALPINE BETH_PAGE_GT4 24209	22.06 1.14 -7.76	23.15 1.09 -8.94	22.18 1.11 -7.95	23.44 1.09 -9.27	22.09 1.10 -7.88	22.46 1.18 -7.50	20.83 1.14 -5.80	23.47 1.16 -8.52	20.01 1.31 -3.45	21.73 1.48 -4.21	21.52 1.48 -4.18	20.59 1.54 -2.36	22.62 1.56 -4.23	23.26 1.54 -5.36	21.43 1.56 -3.24	23.37 1.46 -5.48	25.53 1.56 -6.67	39.51 1.48 -18.85	43.79 1.81 -20.14	41.15 1.63 -19.45	47.18 1.76 -23.95	36.68 1.64 -15.32	25.33 1.60 -4.85	22.62 1.29 -5.74
CALPINE_BETH_PAGE_GT_4 323586	22.03 1.14 -7.74	23.16 1.11 -8.92	22.16 1.11 -7.94	23.42 1.09 -9.25	22.07 1.10 -7.86	22.44 1.18 -7.48	20.81 1.14 -5.79	23.45 1.16 -8.50	20.00 1.31 -3.44	21.71 1.46 -4.20	21.41 1.38 -4.17	20.58 1.53 -2.36	22.66 1.62 -4.22	23.24 1.52 -5.35	21.42 1.56 -3.23	23.47 1.58 -5.47	25.52 1.56 -6.66	39.49 1.48 -18.83	43.74 1.79 -20.11	41.09 1.61 -19.41	47.13 1.76 -23.89	36.61 1.60 -15.29	25.32 1.60 -4.84	22.61 1.29 -5.72
CALPINE_BP_GT1 23823	22.03 1.14 -7.74	23.16 1.11 -8.92	22.16 1.11 -7.94	23.42 1.09 -9.25	22.07 1.10 -7.86	22.44 1.18 -7.48	20.81 1.14 -5.79	23.45 1.16 -8.50	20.00 1.31 -3.44	21.71 1.46 -4.20	21.41 1.38 -4.17	20.58 1.53 -2.36	22.66 1.62 -4.22	23.24 1.52 -5.35	21.42 1.56 -3.23	23.47 1.58 -5.47	25.52 1.56 -6.66	39.49 1.48 -18.83	43.74 1.79 -20.11	41.09 1.61 -19.41	47.13 1.76 -23.89	36.61 1.60 -15.29	25.32 1.60 -4.84	22.61 1.29 -5.72
CALSPAN__DRP 24200	13.93 -0.54 -1.32	13.54 -0.63 -1.05	13.39 -0.66 -0.94	13.27 -0.77 -0.96	13.37 -0.67 -0.93	14.21 -0.39 -0.83	14.51 -0.31 -0.93	14.43 -0.46 -1.09	15.24 -0.59 -0.59	15.95 -0.59 -0.50	15.81 -0.59 -0.53	16.45 -0.62 -0.38	16.57 -0.61 -0.35	16.19 -0.61 -0.43	16.38 -0.63 -0.38	16.30 -0.56 -0.44	17.31 -0.62 -0.63	19.59 -0.75 -1.15	22.31 -1.16 -1.63	20.87 -1.10 -1.90	22.40 -1.25 -2.17	20.18 -1.06 -1.53	18.57 -0.83 -0.53	16.10 -0.34 -0.85
CALVERTON__SOLAR 323806	22.04 1.16 -7.74	23.21 1.17 -8.92	22.21 1.17 -7.94	23.51 1.18 -9.25	22.14 1.17 -7.86	22.52 1.27 -7.48	20.88 1.21 -5.79	23.53 1.24 -8.50	20.03 1.34 -3.44	21.76 1.51 -4.20	21.43 1.40 -4.17	20.60 1.55 -2.36	22.70 1.65 -4.22	23.27 1.56 -5.35	21.46 1.60 -3.23	23.52 1.63 -5.47	25.59 1.63 -6.66	39.72 1.71 -18.83	44.07 2.12 -20.11	41.37 1.89 -19.41	47.41 2.04 -23.89	36.85 1.83 -15.29	25.62 1.91 -4.84	22.75 1.43 -5.72
CANDIGU_WT_PWR 323617	14.70 -0.16 -1.71	14.25 -0.22 -1.35	14.07 -0.25 -1.21	13.98 -0.34 -1.23	14.03 -0.28 -1.20	14.78 -0.05 -1.07	15.07 -0.01 -1.20	15.11 -0.10 -1.41	15.87 -0.14 -0.76	16.55 -0.14 -0.65	16.43 -0.13 -0.69	17.01 -0.17 -0.49	17.06 -0.22 -0.45	16.78 -0.15 -0.56	16.95 -0.17 -0.49	16.80 -0.20 -0.57	17.99 -0.12 -0.81	20.54 -0.13 -1.49	23.62 -0.33 -2.11	22.23 -0.30 -2.45	23.87 -0.39 -2.78	21.40 -0.30 -1.98	19.35 -0.21 -0.68	16.75 0.06 -1.10
CARR STREET_E__SYR 24060	13.68 -0.26 -0.80	13.45 -0.30 -0.63	13.36 -0.31 -0.57	13.31 -0.35 -0.58	13.34 -0.33 -0.56	14.02 -0.25 -0.50	14.22 -0.22 -0.56	14.20 -0.25 -0.66	15.33 -0.27 -0.35	16.08 -0.27 -0.30	15.93 -0.25 -0.32	16.62 -0.30 -0.23	16.73 -0.30 -0.21	16.35 -0.28 -0.26	16.58 -0.28 -0.23	16.41 -0.28 -0.27	17.42 -0.26 -0.38	19.59 -0.29 -0.70	22.45 -0.37 -0.99	20.88 -0.34 -1.15	22.39 -0.39 -1.30	20.31 -0.34 -0.92	18.89 -0.30 -0.32	15.94 -0.17 -0.51
CARTHAGE__PAPER 23857	13.18 -0.39 -0.42	13.02 -0.43 -0.34	12.96 -0.45 -0.30	12.94 -0.44 -0.31	12.96 -0.45 -0.30	13.60 -0.44 -0.26	13.71 -0.47 -0.30	13.66 -0.48 -0.35	14.80 -0.64 -0.19	15.50 -0.71 -0.16	15.32 -0.71 -0.17	16.09 -0.72 -0.12	16.18 -0.76 -0.11	15.75 -0.75 -0.14	15.97 -0.78 -0.12	15.78 -0.79 -0.14	16.72 -0.78 -0.20	18.85 -0.71 -0.37	21.73 -0.63 -0.52	20.20 -0.48 -0.61	21.76 -0.41 -0.69	19.77 -0.43 -0.49	18.54 -0.51 -0.17	15.43 -0.44 -0.27

CASSADAGA_WT_PWR 323784	14.28 -0.26 -1.39	13.85 -0.38 -1.11	13.66 -0.43 -0.99	13.52 -0.58 -1.01	13.64 -0.45 -0.98	14.42 -0.22 -0.87	14.73 -0.14 -0.98	14.74 -0.21 -1.16	15.62 -0.24 -0.62	16.40 -0.18 -0.53	16.35 -0.08 -0.57	16.97 -0.12 -0.40	16.94 -0.25 -0.37	16.64 -0.18 -0.46	16.76 -0.27 -0.40	16.58 -0.31 -0.47	17.74 -0.23 -0.67	20.09 -0.31 -1.21	22.93 -0.63 -1.72	21.48 -0.60 -2.00	22.98 -0.77 -2.27	20.66 -0.67 -1.61	18.87 -0.57 -0.56	16.29 -0.20 -0.90
CE_DUNWOOD___DRP 24194	21.69 0.80 -7.74	20.01 0.76 -6.13	19.36 0.77 -5.48	19.44 0.76 -5.60	19.31 0.76 -5.44	19.44 0.83 -4.84	20.13 0.79 -5.45	21.00 0.80 -6.41	19.63 0.95 -3.43	20.06 1.06 -2.95	20.07 1.08 -3.13	20.03 1.13 -2.21	20.00 1.14 -2.03	20.04 1.13 -2.54	20.02 1.16 -2.23	20.10 1.10 -2.58	22.15 1.16 -3.69	27.11 1.19 -6.74	32.83 1.44 -9.55	32.47 1.28 -11.11	35.92 1.40 -13.04	29.96 1.28 -8.96	23.15 1.19 -3.09	21.49 0.92 -4.98
CE_MILLWOOD___DRP 24193	21.63 0.78 -7.70	19.95 0.72 -6.11	19.32 0.75 -5.46	19.38 0.72 -5.58	19.26 0.73 -5.42	19.38 0.78 -4.82	20.06 0.75 -5.43	20.94 0.76 -6.39	19.57 0.90 -3.42	20.00 1.01 -2.94	20.02 1.03 -3.12	19.98 1.08 -2.20	19.94 1.09 -2.02	19.98 1.08 -2.53	19.96 1.11 -2.22	20.04 1.05 -2.57	22.08 1.11 -3.68	27.03 1.13 -6.71	32.73 1.38 -9.51	32.37 1.22 -11.07	35.80 1.33 -12.99	29.86 1.22 -8.92	23.10 1.15 -3.08	21.43 0.87 -4.96
CE_NYC2_DRP 24202	21.88 0.96 -7.77	20.17 0.89 -6.15	19.54 0.92 -5.51	19.61 0.90 -5.63	19.47 0.90 -5.46	19.55 0.92 -4.86	20.19 0.83 -5.47	21.07 0.84 -6.43	19.70 1.01 -3.45	20.16 1.16 -2.96	20.21 1.21 -3.15	20.16 1.25 -2.22	20.12 1.26 -2.03	20.18 1.26 -2.55	20.16 1.30 -2.23	20.23 1.22 -2.59	22.27 1.26 -3.70	27.17 1.23 -6.76	33.02 1.59 -9.58	32.63 1.41 -11.15	36.07 1.50 -13.09	30.11 1.40 -8.99	23.28 1.30 -3.10	21.60 1.01 -5.00
CE_NYC_DRP 24195	21.82 0.91 -7.76	20.13 0.85 -6.15	19.49 0.88 -5.50	19.56 0.86 -5.62	19.43 0.87 -5.46	19.55 0.92 -4.86	20.23 0.87 -5.47	21.12 0.90 -6.43	19.75 1.05 -3.45	20.21 1.20 -2.96	20.24 1.24 -3.14	20.21 1.30 -2.22	20.16 1.30 -2.03	20.21 1.29 -2.55	20.19 1.33 -2.23	20.28 1.26 -2.59	22.28 1.28 -3.70	27.23 1.29 -6.76	33.02 1.59 -9.58	32.65 1.43 -11.15	36.09 1.52 -13.09	30.11 1.40 -8.99	23.30 1.32 -3.10	21.62 1.03 -5.00
CHAFFEE___LFGE 323603	13.93 -0.59 -1.38	13.54 -0.67 -1.09	13.39 -0.70 -0.98	13.25 -0.82 -1.00	13.37 -0.71 -0.97	14.19 -0.44 -0.86	14.48 -0.37 -0.97	14.42 -0.51 -1.14	15.23 -0.63 -0.61	15.93 -0.64 -0.53	15.85 -0.57 -0.56	16.41 -0.67 -0.39	16.43 -0.76 -0.36	16.18 -0.64 -0.45	16.34 -0.68 -0.40	16.14 -0.74 -0.46	17.30 -0.66 -0.66	19.60 -0.79 -1.20	22.34 -1.20 -1.70	20.91 -1.14 -1.98	22.41 -1.31 -2.24	20.21 -1.10 -1.59	18.54 -0.89 -0.55	16.07 -0.41 -0.89
CHATEAUG_35_KV_LOAD 355732	12.98 -0.22 -0.05	13.04 -0.12 -0.04	13.07 -0.08 -0.04	13.08 -0.04 -0.04	13.09 -0.05 -0.04	13.71 -0.10 -0.03	13.82 -0.10 -0.04	13.82 -0.01 -0.04	15.20 -0.08 -0.02	16.02 -0.05 -0.02	15.85 -0.03 -0.02	16.69 -0.02 -0.01	16.74 -0.10 -0.01	16.19 -0.20 -0.02	16.43 -0.22 -0.01	16.13 -0.31 -0.02	17.10 -0.22 -0.02	19.06 -0.17 -0.05	21.90 0.00 -0.06	20.19 0.04 -0.07	21.61 0.04 -0.08	19.76 -0.02 -0.06	18.77 -0.13 -0.02	15.41 -0.22 -0.03
CHATEAUG_WT_PWR 323614	12.92 -0.22 0.00	12.99 -0.13 0.00	13.03 -0.08 0.00	13.04 -0.04 0.00	13.06 -0.05 0.00	13.68 -0.10 0.00	13.80 -0.08 0.00	13.79 0.00 0.00	15.20 -0.05 0.00	16.03 -0.02 0.00	15.81 -0.05 0.00	16.72 0.03 0.00	16.78 -0.05 0.00	16.20 -0.16 0.00	16.45 -0.18 0.00	16.19 -0.23 0.00	17.09 -0.21 0.00	19.03 -0.15 0.00	21.82 -0.02 0.00	20.10 0.02 0.00	21.50 0.02 0.00	19.70 -0.02 0.00	18.75 -0.13 0.00	15.37 -0.22 0.00
CHAT_HIGH_FALL_HYD 323578	12.92 -0.22 0.00	12.99 -0.13 0.00	13.03 -0.08 0.00	13.04 -0.04 0.00	13.06 -0.05 0.00	13.68 -0.10 0.00	13.79 -0.10 0.00	13.78 -0.01 0.00	15.17 -0.08 0.00	16.00 -0.05 0.00	15.78 -0.08 0.00	16.67 -0.02 0.00	16.73 -0.10 0.00	16.17 -0.20 0.00	16.41 -0.22 0.00	16.18 -0.25 0.00	17.08 -0.23 0.00	19.01 -0.17 0.00	21.84 0.00 0.00	20.12 0.04 0.00	21.52 0.04 0.00	19.70 -0.02 0.00	18.75 -0.13 0.00	15.37 -0.22 0.00
CHAUTAUQUA___LFGE 323629	14.14 -0.35 -1.35	13.73 -0.46 -1.07	13.57 -0.50 -0.96	13.43 -0.63 -0.98	13.55 -0.51 -0.95	14.37 -0.25 -0.85	14.67 -0.17 -0.95	14.62 -0.29 -1.12	15.48 -0.37 -0.60	16.24 -0.32 -0.52	16.17 -0.24 -0.55	16.81 -0.27 -0.39	16.80 -0.39 -0.35	16.52 -0.29 -0.44	16.67 -0.35 -0.39	16.46 -0.41 -0.45	17.62 -0.33 -0.64	19.94 -0.42 -1.18	22.72 -0.79 -1.67	21.27 -0.74 -1.94	22.78 -0.90 -2.20	20.53 -0.75 -1.56	18.83 -0.59 -0.54	16.28 -0.19 -0.87
CHERRYST_13_KV_LD 356241	21.86 0.95 -7.76	20.15 0.88 -6.15	19.53 0.92 -5.50	19.59 0.89 -5.62	19.46 0.89 -5.46	19.59 0.96 -4.86	20.26 0.90 -5.47	21.15 0.92 -6.43	19.79 1.10 -3.45	20.26 1.25 -2.96	20.29 1.28 -3.14	20.24 1.34 -2.22	20.21 1.35 -2.03	20.26 1.34 -2.55	20.24 1.38 -2.23	20.33 1.31 -2.59	22.34 1.33 -3.70	27.27 1.32 -6.76	33.08 1.66 -9.58	32.71 1.49 -11.15	36.15 1.59 -13.09	30.16 1.46 -8.99	23.33 1.36 -3.10	21.65 1.06 -5.00
CHESTROR_138KV_BK263 355645	20.88 0.68 -7.05	19.35 0.64 -5.59	18.75 0.64 -5.00	18.81 0.63 -5.10	18.71 0.64 -4.96	18.89 0.70 -4.41	19.52 0.67 -4.97	20.30 0.66 -5.85	19.16 0.78 -3.13	19.60 0.87 -2.69	19.62 0.90 -2.86	19.65 0.95 -2.01	19.63 0.96 -1.85	19.63 0.95 -2.32	19.62 0.96 -2.03	19.70 0.92 -2.35	21.65 0.99 -3.36	26.32 1.00 -6.14	31.72 1.18 -8.71	31.27 1.06 -10.13	34.50 1.16 -11.86	28.97 1.08 -8.16	22.73 1.04 -2.82	20.91 0.78 -4.54
CH_MIDHUDSON___DRP 24192	22.08 0.75 -8.19	20.32 0.71 -6.49	19.63 0.72 -5.80	19.72 0.71 -5.93	19.59 0.72 -5.76	19.68 0.78 -5.12	20.40 0.75 -5.77	21.32 0.74 -6.79	19.75 0.87 -3.64	20.12 0.95 -3.13	20.15 0.97 -3.32	20.05 1.02 -2.34	20.00 1.03 -2.15	20.09 1.03 -2.69	20.03 1.05 -2.36	20.16 1.00 -2.73	22.28 1.07 -3.91	27.41 1.09 -7.13	33.21 1.27 -10.11	32.98 1.14 -11.76	36.49 1.27 -13.75	30.38 1.18 -9.48	23.28 1.13 -3.27	21.72 0.86 -5.27
CH_MISC_IPPS 23765	21.69 0.84 -7.70	20.04 0.81 -6.10	19.37 0.80 -5.46	19.44 0.78 -5.57	19.34 0.81 -5.42	19.47 0.88 -4.82	20.17 0.86 -5.43	21.00 0.83 -6.38	19.63 0.96 -3.42	20.03 1.04 -2.94	20.03 1.05 -3.12	20.02 1.14 -2.20	20.01 1.16 -2.02	20.03 1.13 -2.53	19.99 1.15 -2.22	20.12 1.13 -2.57	22.17 1.19 -3.67	27.10 1.21 -6.71	32.75 1.40 -9.51	32.40 1.27 -11.06	35.85 1.50 -12.87	29.96 1.32 -8.92	23.24 1.28 -3.07	21.52 0.97 -4.96
CH_RES_BVR_FALLS 23983	12.92 -0.22 0.00	12.92 -0.20 0.00	12.92 -0.18 0.00	12.91 -0.17 0.00	12.94 -0.17 0.00	13.57 -0.21 0.00	13.69 -0.19 0.00	13.63 -0.16 0.00	15.05 -0.20 0.00	15.83 -0.21 0.00	15.66 -0.21 0.00	16.49 -0.20 0.00	16.63 -0.20 0.00	16.15 -0.21 0.00	16.41 -0.22 0.00	16.21 -0.21 0.00	17.08 -0.23 0.00	18.96 -0.23 0.00	21.58 -0.26 0.00	19.83 -0.24 0.00	21.22 -0.26 0.00	19.48 -0.24 0.00	18.61 -0.26 0.00	15.36 -0.23 0.00

CH_RES_NIAGARA 23895	13.47 -0.91 -1.23	13.13 -0.97 -0.98	12.99 -1.00 -0.87	12.86 -1.11 -0.89	12.97 -1.01 -0.87	13.84 -0.70 -0.77	14.13 -0.62 -0.87	14.00 -0.81 -1.02	14.81 -0.99 -0.55	15.50 -1.01 -0.47	15.41 -0.95 -0.50	15.96 -1.08 -0.35	15.96 -1.19 -0.32	15.72 -1.05 -0.41	15.89 -1.10 -0.35	15.67 -1.17 -0.41	16.78 -1.11 -0.59	18.95 -1.31 -1.07	21.51 -1.86 -1.52	20.12 -1.73 -1.77	21.47 -2.02 -2.01	19.49 -1.66 -1.43	18.03 -1.34 -0.49	15.64 -0.75 -0.79
CH_RES_SYRACUSE 23985	13.83 -0.20 -0.88	13.58 -0.24 -0.70	13.48 -0.25 -0.63	13.42 -0.30 -0.64	13.45 -0.28 -0.62	14.14 -0.18 -0.55	14.35 -0.15 -0.62	14.34 -0.18 -0.73	15.46 -0.18 -0.39	16.19 -0.19 -0.34	16.05 -0.17 -0.36	16.72 -0.22 -0.25	16.84 -0.22 -0.23	16.46 -0.20 -0.29	16.68 -0.20 -0.25	16.52 -0.20 -0.29	17.55 -0.17 -0.42	19.74 -0.21 -0.77	22.67 -0.26 -1.09	21.10 -0.24 -1.27	22.66 -0.26 -1.44	20.50 -0.24 -1.02	19.02 -0.21 -0.35	16.08 -0.08 -0.57
CLINTON_WT_PWR 323605	12.92 -0.22 0.00	12.99 -0.13 0.00	13.03 -0.08 0.00	13.04 -0.04 0.00	13.06 -0.05 0.00	13.68 -0.10 0.00	13.80 -0.08 0.00	13.79 0.00 0.00	15.20 -0.05 0.00	16.03 -0.02 0.00	15.81 -0.05 0.00	16.72 0.03 0.00	16.78 -0.05 0.00	16.20 -0.16 0.00	16.45 -0.18 0.00	16.19 -0.23 0.00	17.09 -0.21 0.00	19.03 -0.15 0.00	21.82 -0.02 0.00	20.10 0.02 0.00	21.50 0.02 0.00	19.70 -0.02 0.00	18.75 -0.13 0.00	15.37 -0.22 0.00
CLINTON___LFGE 323618	13.06 -0.09 0.00	13.12 0.00 0.00	13.16 0.05 0.00	13.16 0.08 0.00	13.17 0.07 0.00	13.81 0.04 0.00	13.92 0.04 0.00	13.93 0.14 0.00	15.36 0.11 0.00	16.19 0.14 0.00	15.97 0.11 0.00	16.89 0.20 0.00	16.95 0.12 0.00	16.38 0.02 0.00	16.61 -0.02 0.00	16.37 -0.05 0.00	17.28 -0.02 0.00	19.28 0.10 0.00	22.14 0.31 0.00	20.40 0.32 0.00	21.82 0.34 0.00	19.96 0.24 0.00	18.97 0.09 0.00	15.55 -0.05 0.00
COBBLENY_34_KV_TB1 80064	13.93 -0.59 -1.37	13.54 -0.67 -1.09	13.39 -0.69 -0.97	13.25 -0.82 -0.99	13.37 -0.71 -0.97	14.19 -0.44 -0.86	14.48 -0.37 -0.97	14.42 -0.51 -1.14	15.22 -0.64 -0.61	15.93 -0.64 -0.52	15.78 -0.63 -0.56	16.41 -0.67 -0.39	16.53 -0.66 -0.36	16.18 -0.64 -0.45	16.34 -0.68 -0.40	16.27 -0.61 -0.46	17.30 -0.66 -0.66	19.60 -0.79 -1.20	22.33 -1.20 -1.70	20.90 -1.14 -1.97	22.45 -1.29 -2.26	20.20 -1.10 -1.59	18.54 -0.89 -0.55	16.07 -0.41 -0.88
COFFEEN___115KV_TB3 355620	13.33 -0.28 -0.46	13.14 -0.34 -0.36	13.06 -0.37 -0.32	13.03 -0.38 -0.33	13.06 -0.37 -0.32	13.73 -0.33 -0.29	13.84 -0.36 -0.32	13.77 -0.40 -0.38	14.90 -0.55 -0.20	15.61 -0.61 -0.17	15.46 -0.59 -0.18	16.20 -0.62 -0.13	16.29 -0.66 -0.12	15.86 -0.65 -0.15	16.10 -0.67 -0.13	15.85 -0.72 -0.15	16.84 -0.67 -0.22	19.01 -0.58 -0.40	21.94 -0.46 -0.56	20.41 -0.32 -0.65	22.03 -0.19 -0.75	19.99 -0.26 -0.53	18.72 -0.34 -0.18	15.64 -0.25 -0.29
COLDSPRG_115KV_BK1 355956	14.40 -0.20 -1.45	13.97 -0.30 -1.15	13.80 -0.34 -1.03	13.65 -0.48 -1.05	13.78 -0.35 -1.02	14.54 -0.14 -0.91	14.85 -0.06 -1.02	14.90 -0.10 -1.20	15.76 -0.14 -0.64	16.52 -0.08 -0.55	16.35 -0.10 -0.59	17.04 -0.07 -0.41	17.11 -0.10 -0.38	16.73 -0.11 -0.48	16.86 -0.18 -0.42	16.79 -0.11 -0.48	17.87 -0.12 -0.69	20.30 -0.15 -1.26	23.19 -0.44 -1.79	21.74 -0.42 -2.08	23.35 -0.52 -2.39	20.95 -0.45 -1.68	19.08 -0.38 -0.58	16.50 -0.03 -0.93
COLONIE_LFGE___ 323577	23.82 0.37 -10.30	21.65 0.37 -8.17	20.78 0.37 -7.30	20.89 0.35 -7.46	20.71 0.35 -7.25	20.62 0.40 -6.45	21.59 0.44 -7.26	22.76 0.43 -8.54	20.39 0.56 -4.57	20.55 0.58 -3.93	20.59 0.55 -4.17	20.22 0.58 -2.94	20.13 0.60 -2.70	20.33 0.57 -3.39	20.16 0.57 -2.96	20.45 0.59 -3.44	22.84 0.62 -4.92	28.89 0.73 -8.97	35.34 0.79 -12.72	35.62 0.74 -14.80	38.42 0.77 -16.17	32.36 0.71 -11.93	23.67 0.68 -4.11	22.73 0.50 -6.63
COOPERNY_115KV_TB1 80082	18.87 0.53 -5.20	17.73 0.49 -4.12	17.29 0.50 -3.68	17.33 0.48 -3.76	17.25 0.49 -3.66	17.58 0.55 -3.25	18.07 0.53 -3.66	18.62 0.52 -4.31	18.17 0.61 -2.31	18.70 0.67 -1.98	18.67 0.70 -2.11	18.91 0.73 -1.48	18.93 0.74 -1.36	18.79 0.72 -1.71	18.87 0.75 -1.49	18.86 0.71 -1.73	20.54 0.76 -2.48	24.50 0.79 -4.52	29.19 0.94 -6.42	28.38 0.84 -7.46	31.09 0.92 -8.69	26.58 0.85 -6.02	21.76 0.81 -2.08	19.56 0.62 -3.35
COPENHAGEN_WT_PWR 323753	13.31 -0.34 -0.50	13.11 -0.41 -0.40	13.04 -0.42 -0.35	13.01 -0.43 -0.36	13.04 -0.42 -0.35	13.68 -0.40 -0.31	13.80 -0.43 -0.35	13.76 -0.44 -0.41	14.89 -0.58 -0.22	15.59 -0.64 -0.19	15.43 -0.63 -0.20	16.20 -0.63 -0.14	16.27 -0.69 -0.13	15.86 -0.67 -0.16	16.09 -0.68 -0.14	15.88 -0.71 -0.17	16.83 -0.71 -0.24	18.99 -0.63 -0.43	21.89 -0.57 -0.62	20.35 -0.44 -0.72	21.95 -0.34 -0.81	19.92 -0.38 -0.58	18.64 -0.43 -0.20	15.59 -0.33 -0.32
CORNELL_____ 23752	14.97 0.14 -1.67	14.55 0.10 -1.33	14.37 0.08 -1.19	14.32 0.03 -1.21	14.34 0.05 -1.18	15.00 0.18 -1.05	15.27 0.21 -1.18	15.37 0.19 -1.39	16.16 0.17 -0.74	16.83 0.14 -0.64	16.65 0.11 -0.68	17.27 0.10 -0.48	17.37 0.10 -0.44	17.01 0.10 -0.55	17.23 0.12 -0.48	17.16 0.18 -0.56	18.29 0.19 -0.80	20.91 0.27 -1.46	24.23 0.33 -2.06	22.80 0.32 -2.40	24.59 0.37 -2.75	21.97 0.32 -1.94	19.85 0.30 -0.67	17.03 0.36 -1.08
CORONA_AAV_69_KV_TB1 355595	22.04 1.13 -7.76	23.14 1.08 -8.94	22.15 1.09 -7.95	23.42 1.07 -9.27	22.07 1.07 -7.88	22.43 1.16 -7.50	20.81 1.12 -5.80	23.44 1.13 -8.52	19.98 1.28 -3.45	21.70 1.44 -4.21	21.45 1.41 -4.18	20.54 1.49 -2.36	22.55 1.50 -4.23	23.20 1.47 -5.36	21.38 1.51 -3.24	23.33 1.43 -5.48	25.48 1.51 -6.67	39.61 1.57 -18.85	43.84 1.86 -20.14	41.19 1.67 -19.45	47.23 1.80 -23.95	36.76 1.72 -15.32	25.33 1.60 -4.85	22.62 1.29 -5.74
CORTLAND_115KV_TB3 80093	14.61 0.03 -1.43	14.23 -0.03 -1.14	14.09 -0.04 -1.02	14.04 -0.08 -1.04	14.06 -0.05 -1.01	14.72 0.06 -0.90	14.96 0.07 -1.01	15.04 0.06 -1.19	15.93 0.05 -0.64	16.62 0.03 -0.55	16.46 0.02 -0.58	17.10 0.00 -0.41	17.22 0.02 -0.38	16.85 0.02 -0.47	17.06 0.02 -0.41	16.97 0.07 -0.48	18.05 0.07 -0.68	20.53 0.10 -1.25	23.72 0.11 -1.77	22.24 0.10 -2.06	23.97 0.13 -2.36	21.48 0.10 -1.66	19.54 0.09 -0.57	16.70 0.19 -0.92
COXSACKIE___GT 23611	23.03 0.50 -9.38	21.04 0.49 -7.43	20.23 0.47 -6.65	20.30 0.43 -6.79	20.23 0.52 -6.60	20.23 0.59 -5.87	21.19 0.69 -6.61	22.13 0.57 -7.77	20.14 0.73 -4.16	20.33 0.71 -3.58	20.31 0.65 -3.80	20.12 0.75 -2.68	20.06 0.77 -2.46	20.20 0.75 -3.08	20.01 0.68 -2.70	20.27 0.72 -3.13	22.59 0.81 -4.47	28.18 0.82 -8.17	34.27 0.85 -11.58	34.39 0.84 -13.47	37.77 1.22 -15.07	31.54 0.97 -10.86	23.60 0.98 -3.74	22.27 0.64 -6.04
CPV_VALLEY___CC1 323721	20.14 0.63 -6.36	18.77 0.60 -5.04	18.22 0.60 -4.51	18.28 0.59 -4.61	18.18 0.59 -4.48	18.40 0.65 -3.98	18.99 0.63 -4.49	19.69 0.62 -5.28	18.81 0.73 -2.83	19.29 0.82 -2.43	19.25 0.81 -2.58	19.37 0.87 -1.82	19.39 0.89 -1.67	19.32 0.87 -2.09	19.36 0.90 -1.83	19.43 0.89 -2.12	21.24 0.90 -3.04	25.65 0.92 -5.54	30.81 1.11 -7.86	30.20 0.98 -9.14	33.28 1.12 -10.68	28.09 1.01 -7.37	22.36 0.94 -2.54	20.42 0.73 -4.10

CPV_VALLEY___CC2 323722	20.14 0.63 -6.36	18.77 0.60 -5.04	18.22 0.60 -4.51	18.28 0.59 -4.61	18.18 0.59 -4.48	18.40 0.65 -3.98	18.99 0.63 -4.49	19.69 0.62 -5.28	18.81 0.73 -2.83	19.29 0.82 -2.43	19.25 0.81 -2.58	19.37 0.87 -1.82	19.39 0.89 -1.67	19.32 0.87 -2.09	19.36 0.90 -1.83	19.43 0.89 -2.12	21.24 0.90 -3.04	25.65 0.92 -5.54	30.81 1.11 -7.86	30.20 0.98 -9.14	33.28 1.12 -10.68	28.09 1.01 -7.37	22.36 0.94 -2.54	20.42 0.73 -4.10
CRESCENT___HYD 24018	23.82 0.37 -10.30	21.65 0.37 -8.17	20.78 0.37 -7.30	20.89 0.35 -7.46	20.71 0.35 -7.25	20.62 0.40 -6.45	21.59 0.44 -7.26	22.76 0.43 -8.54	20.39 0.56 -4.57	20.55 0.58 -3.93	20.59 0.55 -4.17	20.22 0.58 -2.94	20.13 0.60 -2.70	20.33 0.57 -3.39	20.16 0.57 -2.96	20.45 0.59 -3.44	22.84 0.62 -4.92	28.89 0.73 -8.97	35.34 0.79 -12.72	35.62 0.74 -14.80	38.42 0.77 -16.17	32.36 0.71 -11.93	23.67 0.68 -4.11	22.73 0.50 -6.63
CRICKET___VALLEY_CC1 323756	21.99 0.53 -8.32	20.22 0.51 -6.59	19.51 0.51 -5.89	19.61 0.51 -6.02	19.47 0.51 -5.85	19.54 0.56 -5.21	20.27 0.53 -5.86	21.22 0.54 -6.89	19.61 0.67 -3.69	19.92 0.71 -3.18	19.93 0.70 -3.37	19.83 0.77 -2.38	19.80 0.79 -2.18	19.87 0.77 -2.73	19.80 0.78 -2.39	19.99 0.79 -2.77	22.06 0.80 -3.97	27.27 0.84 -7.24	33.05 0.94 -10.27	32.86 0.84 -11.95	30.00 0.92 -7.59	30.20 0.85 -9.63	23.03 0.83 -3.32	21.56 0.61 -5.35
CRICKET___VALLEY_CC2 323757	21.99 0.53 -8.32	20.22 0.51 -6.59	19.51 0.51 -5.89	19.61 0.51 -6.02	19.47 0.51 -5.85	19.54 0.56 -5.21	20.27 0.53 -5.86	21.22 0.54 -6.89	19.61 0.67 -3.69	19.92 0.71 -3.18	19.93 0.70 -3.37	19.83 0.77 -2.38	19.80 0.79 -2.18	19.87 0.77 -2.73	19.80 0.78 -2.39	19.99 0.79 -2.77	22.06 0.80 -3.97	27.27 0.84 -7.24	33.05 0.94 -10.27	32.86 0.84 -11.95	30.00 0.92 -7.59	30.20 0.85 -9.63	23.03 0.83 -3.32	21.56 0.61 -5.35
CRICKET___VALLEY_CC3 323758	21.99 0.53 -8.32	20.22 0.51 -6.59	19.51 0.51 -5.89	19.61 0.51 -6.02	19.47 0.51 -5.85	19.54 0.56 -5.21	20.27 0.53 -5.86	21.22 0.54 -6.89	19.61 0.67 -3.69	19.92 0.71 -3.18	19.93 0.70 -3.37	19.83 0.77 -2.38	19.80 0.79 -2.18	19.87 0.77 -2.73	19.80 0.78 -2.39	19.99 0.79 -2.77	22.06 0.80 -3.97	27.27 0.84 -7.24	33.05 0.94 -10.27	32.86 0.84 -11.95	30.00 0.92 -7.59	30.20 0.85 -9.63	23.03 0.83 -3.32	21.56 0.61 -5.35
CRUCIBLE_METL_DRP 24180	13.80 -0.20 -0.84	13.55 -0.24 -0.67	13.46 -0.25 -0.60	13.39 -0.30 -0.61	13.43 -0.28 -0.59	14.12 -0.18 -0.53	14.33 -0.15 -0.60	14.31 -0.18 -0.70	15.44 -0.18 -0.38	16.17 -0.19 -0.32	16.01 -0.19 -0.34	16.71 -0.22 -0.24	16.85 -0.20 -0.22	16.45 -0.20 -0.28	16.67 -0.20 -0.24	16.56 -0.15 -0.28	17.53 -0.17 -0.40	19.71 -0.21 -0.74	22.62 -0.26 -1.04	21.05 -0.24 -1.21	22.61 -0.26 -1.39	20.46 -0.24 -0.98	19.01 -0.21 -0.34	16.06 -0.08 -0.54
DAHOWA___HYDRO 323763	24.17 0.49 -10.53	21.94 0.47 -8.35	21.03 0.46 -7.47	21.14 0.43 -7.63	20.95 0.43 -7.41	20.85 0.48 -6.59	21.90 0.60 -7.43	23.10 0.58 -8.73	20.66 0.73 -4.68	20.82 0.75 -4.02	20.83 0.70 -4.27	20.43 0.73 -3.01	20.35 0.76 -2.76	20.50 0.67 -3.46	20.31 0.65 -3.03	20.64 0.71 -3.52	23.16 0.83 -5.03	29.32 0.96 -9.17	35.89 1.05 -13.01	36.19 0.98 -15.13	39.18 1.05 -16.65	32.86 0.95 -12.20	23.97 0.89 -4.21	23.02 0.64 -6.78
DANC___LFGE 323619	13.37 -0.37 -0.59	13.16 -0.42 -0.46	13.09 -0.43 -0.41	13.05 -0.46 -0.42	13.09 -0.43 -0.41	13.73 -0.41 -0.37	13.86 -0.43 -0.41	13.82 -0.45 -0.49	14.96 -0.55 -0.26	15.67 -0.59 -0.22	15.51 -0.59 -0.24	16.27 -0.58 -0.17	16.36 -0.62 -0.15	15.95 -0.61 -0.19	16.18 -0.61 -0.17	15.98 -0.64 -0.20	16.92 -0.66 -0.28	19.06 -0.63 -0.51	21.93 -0.63 -0.72	20.41 -0.50 -0.84	22.00 -0.43 -0.95	19.96 -0.43 -0.68	18.66 -0.45 -0.23	15.64 -0.33 -0.38
DANSKAMMER___1 23586	21.69 0.84 -7.70	20.04 0.81 -6.10	19.37 0.80 -5.46	19.44 0.78 -5.57	19.34 0.81 -5.42	19.47 0.88 -4.82	20.17 0.86 -5.43	21.00 0.83 -6.38	19.63 0.96 -3.42	20.03 1.04 -2.94	20.03 1.05 -3.12	20.02 1.14 -2.20	20.01 1.16 -2.02	20.03 1.13 -2.53	19.99 1.15 -2.22	20.12 1.13 -2.57	22.17 1.19 -3.67	27.10 1.21 -6.71	32.75 1.40 -9.51	32.40 1.27 -11.06	35.85 1.50 -12.87	29.96 1.32 -8.92	23.24 1.28 -3.07	21.52 0.97 -4.96
DANSKAMMER___2 23589	21.69 0.84 -7.70	20.04 0.81 -6.10	19.37 0.80 -5.46	19.44 0.78 -5.57	19.34 0.81 -5.42	19.47 0.88 -4.82	20.17 0.86 -5.43	21.00 0.83 -6.38	19.63 0.96 -3.42	20.03 1.04 -2.94	20.03 1.05 -3.12	20.02 1.14 -2.20	20.01 1.16 -2.02	20.03 1.13 -2.53	19.99 1.15 -2.22	20.12 1.13 -2.57	22.17 1.19 -3.67	27.10 1.21 -6.71	32.75 1.40 -9.51	32.40 1.27 -11.06	35.85 1.50 -12.87	29.96 1.32 -8.92	23.24 1.28 -3.07	21.52 0.97 -4.96
DANSKAMMER___3 23590	21.69 0.84 -7.70	20.04 0.81 -6.10	19.37 0.80 -5.46	19.44 0.78 -5.57	19.34 0.81 -5.42	19.47 0.88 -4.82	20.17 0.86 -5.43	21.00 0.83 -6.38	19.63 0.96 -3.42	20.03 1.04 -2.94	20.03 1.05 -3.12	20.02 1.14 -2.20	20.01 1.16 -2.02	20.03 1.13 -2.53	19.99 1.15 -2.22	20.12 1.13 -2.57	22.17 1.19 -3.67	27.10 1.21 -6.71	32.75 1.40 -9.51	32.40 1.27 -11.06	35.85 1.50 -12.87	29.96 1.32 -8.92	23.24 1.28 -3.07	21.52 0.97 -4.96
DANSKAMMER___4 23591	21.69 0.84 -7.70	20.04 0.81 -6.10	19.37 0.80 -5.46	19.44 0.78 -5.57	19.34 0.81 -5.42	19.47 0.88 -4.82	20.17 0.86 -5.43	21.00 0.83 -6.38	19.63 0.96 -3.42	20.03 1.04 -2.94	20.03 1.05 -3.12	20.02 1.14 -2.20	20.01 1.16 -2.02	20.03 1.13 -2.53	19.99 1.15 -2.22	20.12 1.13 -2.57	22.17 1.19 -3.67	27.10 1.21 -6.71	32.75 1.40 -9.51	32.40 1.27 -11.06	35.85 1.50 -12.87	29.96 1.32 -8.92	23.24 1.28 -3.07	21.52 0.97 -4.96
DANSKAMMER___DIESEL 23592	21.81 0.84 -7.82	20.12 0.80 -6.20	19.45 0.80 -5.54	19.53 0.78 -5.66	19.42 0.81 -5.50	19.55 0.88 -4.89	20.25 0.86 -5.51	21.10 0.83 -6.48	19.68 0.96 -3.47	20.07 1.04 -2.98	20.09 1.06 -3.17	20.06 1.13 -2.23	20.02 1.14 -2.05	20.06 1.13 -2.57	20.03 1.15 -2.25	20.13 1.10 -2.61	22.22 1.19 -3.73	27.20 1.21 -6.81	32.89 1.40 -9.65	32.57 1.26 -11.23	36.05 1.44 -13.14	30.09 1.32 -9.05	23.28 1.28 -3.12	21.59 0.97 -5.03
DARBY___SOLAR 323810	24.02 0.49 -10.39	21.83 0.47 -8.23	20.93 0.46 -7.36	21.03 0.43 -7.52	20.86 0.45 -7.31	20.77 0.50 -6.50	21.79 0.58 -7.32	22.98 0.58 -8.61	20.59 0.73 -4.61	20.78 0.77 -3.97	20.78 0.71 -4.21	20.41 0.75 -2.97	20.32 0.77 -2.72	20.48 0.70 -3.42	20.30 0.68 -2.99	20.56 0.67 -3.47	23.09 0.83 -4.96	29.19 0.96 -9.05	35.71 1.05 -12.83	35.98 0.98 -14.92	39.00 1.03 -16.49	32.67 0.93 -12.03	23.91 0.89 -4.15	22.92 0.64 -6.69
DASHVILLE___HYD 23610	22.18 1.05 -7.98	20.45 1.00 -6.33	19.76 1.00 -5.66	19.84 0.98 -5.78	19.76 1.04 -5.62	19.88 1.12 -5.00	20.59 1.08 -5.63	21.41 1.01 -6.62	19.92 1.13 -3.54	20.31 1.22 -3.05	20.27 1.17 -3.23	20.22 1.25 -2.28	20.18 1.26 -2.09	20.27 1.28 -2.62	20.22 1.30 -2.30	20.40 1.31 -2.66	22.49 1.38 -3.81	27.48 1.34 -6.95	33.27 1.57 -9.86	32.99 1.45 -11.47	36.42 1.72 -13.22	30.54 1.58 -9.24	23.57 1.51 -3.19	21.93 1.20 -5.14

DEERFIELD_69_KV_DEERFIELD LD 355887	22.27 1.35 -7.76	23.39 1.33 -8.94	22.42 1.36 -7.95	23.72 1.37 -9.27	22.35 1.36 -7.88	22.74 1.47 -7.50	21.10 1.42 -5.80	23.77 1.46 -8.52	20.28 1.59 -3.45	22.04 1.78 -4.21	21.82 1.78 -4.18	20.89 1.84 -2.36	22.94 1.88 -4.23	23.58 1.85 -5.36	21.73 1.86 -3.24	23.59 1.69 -5.48	25.93 1.95 -6.67	40.11 2.07 -18.85	44.56 2.58 -20.14	41.85 2.33 -19.45	47.91 2.49 -23.95	37.33 2.29 -15.32	26.01 2.28 -4.85	23.00 1.67 -5.74
DELAWARE___LFGE 323621	15.40 0.34 -1.91	14.94 0.30 -1.51	14.76 0.30 -1.35	14.74 0.27 -1.38	14.74 0.29 -1.34	15.34 0.37 -1.20	15.60 0.37 -1.35	15.75 0.37 -1.58	16.54 0.44 -0.85	17.24 0.47 -0.73	17.10 0.46 -0.77	17.72 0.48 -0.55	17.82 0.49 -0.50	17.47 0.47 -0.63	17.68 0.50 -0.55	17.54 0.48 -0.64	18.73 0.52 -0.91	21.43 0.58 -1.66	24.87 0.68 -2.36	23.42 0.60 -2.74	25.30 0.67 -3.16	22.54 0.61 -2.21	20.19 0.55 -0.76	17.29 0.47 -1.23
DERFIELD_115KV_TB7 355931	13.25 -0.01 -0.12	13.19 -0.03 -0.09	13.17 -0.03 -0.08	13.13 -0.04 -0.09	13.16 -0.03 -0.08	13.83 -0.01 -0.07	13.97 0.00 -0.08	13.87 -0.01 -0.10	15.30 0.00 -0.05	16.09 0.00 -0.04	15.91 0.00 -0.05	16.72 0.00 -0.03	16.86 0.00 -0.03	16.40 0.00 -0.04	16.68 0.02 -0.03	16.46 0.00 -0.04	17.37 0.02 -0.06	19.31 0.02 -0.10	22.01 0.02 -0.15	20.24 0.00 -0.17	21.69 0.02 -0.19	19.87 0.02 -0.14	18.92 0.00 -0.05	15.68 0.02 -0.08
DOGLEVILLE___HYD 23807	13.37 0.22 0.00	13.33 0.21 0.00	13.31 0.20 0.00	13.28 0.20 0.00	13.32 0.21 0.00	14.02 0.25 0.00	14.13 0.25 0.00	14.04 0.25 0.00	15.55 0.30 0.00	16.36 0.32 0.00	16.20 0.33 0.00	16.97 0.28 0.00	17.10 0.27 0.00	16.64 0.28 0.00	16.90 0.27 0.00	16.68 0.26 0.00	17.54 0.24 0.00	19.44 0.25 0.00	22.14 0.31 0.00	20.36 0.28 0.00	21.80 0.32 0.00	20.03 0.31 0.00	19.22 0.34 0.00	15.95 0.36 0.00
DUNKIRK___115KV_TB_200 55889	14.12 -0.37 -1.34	13.71 -0.47 -1.06	13.56 -0.50 -0.95	13.41 -0.64 -0.97	13.54 -0.51 -0.95	14.36 -0.25 -0.84	14.65 -0.18 -0.95	14.62 -0.29 -1.11	15.45 -0.40 -0.60	16.20 -0.35 -0.51	16.10 -0.30 -0.54	16.77 -0.30 -0.38	16.86 -0.32 -0.35	16.48 -0.33 -0.44	16.65 -0.37 -0.39	16.56 -0.31 -0.45	17.60 -0.35 -0.64	19.92 -0.44 -1.17	22.69 -0.81 -1.66	21.22 -0.78 -1.93	22.76 -0.92 -2.21	20.49 -0.79 -1.56	18.81 -0.60 -0.54	16.27 -0.19 -0.87
DUNKIRK___1 23563	14.12 -0.37 -1.34	13.71 -0.47 -1.06	13.56 -0.50 -0.95	13.41 -0.64 -0.97	13.54 -0.51 -0.95	14.36 -0.25 -0.84	14.65 -0.18 -0.95	14.62 -0.29 -1.11	15.45 -0.40 -0.60	16.20 -0.35 -0.51	16.10 -0.30 -0.54	16.77 -0.30 -0.38	16.86 -0.32 -0.35	16.48 -0.33 -0.44	16.65 -0.37 -0.39	16.56 -0.31 -0.45	17.60 -0.35 -0.64	19.92 -0.44 -1.17	22.69 -0.81 -1.66	21.22 -0.78 -1.93	22.76 -0.92 -2.21	20.49 -0.79 -1.56	18.81 -0.60 -0.54	16.27 -0.19 -0.87
DUNKIRK___2 23564	14.12 -0.37 -1.34	13.71 -0.47 -1.06	13.56 -0.50 -0.95	13.41 -0.64 -0.97	13.54 -0.51 -0.95	14.36 -0.25 -0.84	14.65 -0.18 -0.95	14.62 -0.29 -1.11	15.45 -0.40 -0.60	16.20 -0.35 -0.51	16.10 -0.30 -0.54	16.77 -0.30 -0.38	16.86 -0.32 -0.35	16.48 -0.33 -0.44	16.65 -0.37 -0.39	16.56 -0.31 -0.45	17.60 -0.35 -0.64	19.92 -0.44 -1.17	22.69 -0.81 -1.66	21.22 -0.78 -1.93	22.76 -0.92 -2.21	20.49 -0.79 -1.56	18.81 -0.60 -0.54	16.27 -0.19 -0.87
DUNKIRK___3 23565	14.06 -0.42 -1.33	13.67 -0.51 -1.06	13.51 -0.54 -0.94	13.37 -0.68 -0.96	13.49 -0.55 -0.94	14.32 -0.29 -0.83	14.60 -0.22 -0.94	14.55 -0.34 -1.10	15.40 -0.44 -0.59	16.13 -0.42 -0.51	16.02 -0.38 -0.54	16.69 -0.38 -0.38	16.79 -0.39 -0.35	16.41 -0.39 -0.44	16.56 -0.45 -0.38	16.49 -0.38 -0.44	17.52 -0.42 -0.64	19.83 -0.52 -1.16	22.59 -0.90 -1.64	21.12 -0.86 -1.91	22.68 -0.99 -2.19	20.41 -0.85 -1.54	18.75 -0.66 -0.53	16.22 -0.23 -0.86
DUNKIRK___4 23566	14.06 -0.42 -1.33	13.67 -0.51 -1.06	13.51 -0.54 -0.94	13.37 -0.68 -0.96	13.49 -0.55 -0.94	14.32 -0.29 -0.83	14.60 -0.22 -0.94	14.55 -0.34 -1.10	15.40 -0.44 -0.59	16.13 -0.42 -0.51	16.02 -0.38 -0.54	16.69 -0.38 -0.38	16.79 -0.39 -0.35	16.41 -0.39 -0.44	16.56 -0.45 -0.38	16.49 -0.38 -0.44	17.52 -0.42 -0.64	19.83 -0.52 -1.16	22.59 -0.90 -1.64	21.12 -0.86 -1.91	22.68 -0.99 -2.19	20.41 -0.85 -1.54	18.75 -0.66 -0.53	16.22 -0.23 -0.86
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.74 0.83 -7.76	20.05 0.77 -6.15	19.41 0.80 -5.50	19.47 0.77 -5.62	19.35 0.79 -5.46	19.48 0.85 -4.86	20.16 0.81 -5.47	21.05 0.83 -6.43	19.67 0.98 -3.45	20.10 1.09 -2.96	20.13 1.13 -3.14	20.07 1.17 -2.22	20.04 1.18 -2.03	20.10 1.18 -2.55	20.06 1.20 -2.23	20.15 1.13 -2.59	22.20 1.19 -3.70	27.15 1.21 -6.76	32.90 1.49 -9.58	32.55 1.32 -11.15	35.98 1.42 -13.08	30.02 1.32 -8.99	23.20 1.23 -3.10	21.54 0.95 -5.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.31 0.80 -7.36	19.70 0.75 -5.83	19.08 0.76 -5.22	19.15 0.75 -5.33	19.06 0.77 -5.18	19.20 0.83 -4.61	19.87 0.81 -5.19	20.68 0.79 -6.10	19.42 0.90 -3.27	19.85 0.99 -2.81	19.84 1.00 -2.98	19.86 1.07 -2.10	19.82 1.06 -1.93	19.85 1.06 -2.42	19.83 1.08 -2.12	19.93 1.05 -2.45	21.94 1.12 -3.51	26.73 1.13 -6.41	32.26 1.33 -9.08	31.85 1.20 -10.57	35.19 1.35 -12.36	29.50 1.26 -8.52	23.00 1.19 -2.94	21.25 0.92 -4.74
E179THST_138_KV_TB4_REV_LBMP_J 345001	21.90 0.99 -7.77	20.19 0.92 -6.15	19.57 0.96 -5.51	19.64 0.93 -5.63	19.50 0.93 -5.46	19.53 0.90 -4.86	20.12 0.76 -5.47	21.01 0.79 -6.43	19.64 0.95 -3.45	20.10 1.09 -2.96	20.13 1.13 -3.15	20.09 1.18 -2.22	20.04 1.18 -2.03	20.10 1.18 -2.55	20.08 1.21 -2.23	20.16 1.15 -2.59	22.18 1.18 -3.70	27.08 1.13 -6.76	32.93 1.51 -9.58	32.55 1.32 -11.15	35.98 1.42 -13.09	30.03 1.32 -8.99	23.18 1.21 -3.10	21.54 0.95 -5.00
E179THST_13_KV_LOAD 356214	21.96 1.04 -7.77	20.24 0.97 -6.15	19.63 1.01 -5.51	19.69 0.98 -5.63	19.55 0.98 -5.46	19.58 0.95 -4.86	20.17 0.82 -5.47	21.05 0.83 -6.43	19.70 1.01 -3.45	20.16 1.16 -2.96	20.20 1.19 -3.15	20.16 1.25 -2.22	20.11 1.25 -2.03	20.16 1.24 -2.55	20.16 1.30 -2.23	20.23 1.22 -2.59	22.25 1.25 -3.70	27.17 1.23 -6.76	33.02 1.59 -9.58	32.65 1.43 -11.15	36.09 1.52 -13.09	30.11 1.40 -8.99	23.26 1.28 -3.10	21.60 1.01 -5.00
EAST HAMPTON___GT 23717	22.40 1.51 -7.74	23.54 1.50 -8.92	22.55 1.51 -7.94	23.85 1.52 -9.25	22.48 1.51 -7.86	22.88 1.62 -7.48	21.25 1.58 -5.79	23.91 1.63 -8.50	20.47 1.78 -3.44	22.22 1.97 -4.20	21.86 1.82 -4.17	21.11 2.07 -2.36	23.20 2.15 -4.22	23.75 2.03 -5.35	21.92 2.06 -3.23	24.00 2.10 -5.47	26.14 2.18 -6.66	40.33 2.32 -18.83	44.77 2.82 -20.11	42.03 2.55 -19.41	48.12 2.75 -23.89	37.46 2.44 -15.29	26.26 2.55 -4.84	23.17 1.85 -5.72
EAST RIVER___6 23660	21.80 0.92 -7.74	20.15 0.89 -6.13	19.48 0.89 -5.48	19.56 0.88 -5.60	19.43 0.88 -5.44	19.55 0.94 -4.84	20.22 0.89 -5.45	21.10 0.90 -6.41	19.77 1.08 -3.44	20.23 1.24 -2.95	20.23 1.24 -3.13	20.23 1.34 -2.21	20.22 1.36 -2.03	20.22 1.31 -2.54	20.22 1.36 -2.23	20.33 1.33 -2.58	22.31 1.31 -3.69	27.21 1.29 -6.74	33.01 1.62 -9.55	32.63 1.45 -11.11	36.08 1.57 -13.03	30.10 1.42 -8.96	23.31 1.34 -3.09	21.60 1.03 -4.98

EAST RIVER___7 23524	21.80 0.92 -7.74	20.15 0.89 -6.13	19.48 0.89 -5.48	19.56 0.88 -5.60	19.43 0.88 -5.44	19.55 0.94 -4.84	20.22 0.89 -5.45	21.10 0.90 -6.41	19.77 1.08 -3.44	20.23 1.24 -2.95	20.23 1.24 -3.13	20.23 1.34 -2.21	20.22 1.36 -2.03	20.22 1.31 -2.54	20.22 1.36 -2.23	20.33 1.33 -2.58	22.31 1.31 -3.69	27.21 1.29 -6.74	33.01 1.62 -9.55	32.63 1.45 -11.11	36.08 1.57 -13.03	30.10 1.42 -8.96	23.31 1.34 -3.09	21.60 1.03 -4.98
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.69 0.80 -7.74	20.01 0.76 -6.13	19.36 0.77 -5.48	19.44 0.76 -5.60	19.31 0.76 -5.44	19.44 0.83 -4.84	20.13 0.79 -5.45	21.00 0.80 -6.41	19.63 0.95 -3.43	20.06 1.06 -2.95	20.07 1.08 -3.13	20.03 1.13 -2.21	20.00 1.14 -2.03	20.04 1.13 -2.54	20.02 1.16 -2.23	20.10 1.10 -2.58	22.15 1.16 -3.69	27.11 1.19 -6.74	32.83 1.44 -9.55	32.47 1.28 -11.11	35.92 1.40 -13.04	29.96 1.28 -8.96	23.15 1.19 -3.09	21.49 0.92 -4.98
EAST_HAMPTON___DIESEL 23722	22.40 1.51 -7.74	23.54 1.50 -8.92	22.55 1.51 -7.94	23.85 1.52 -9.25	22.48 1.51 -7.86	22.89 1.64 -7.48	21.25 1.58 -5.79	23.91 1.63 -8.50	20.47 1.78 -3.44	22.22 1.97 -4.20	21.86 1.82 -4.17	21.11 2.07 -2.36	23.22 2.17 -4.22	23.75 2.03 -5.35	21.92 2.06 -3.23	24.00 2.10 -5.47	26.14 2.18 -6.66	40.33 2.32 -18.83	44.79 2.84 -20.11	42.05 2.57 -19.41	48.12 2.75 -23.89	37.46 2.44 -15.29	26.26 2.55 -4.84	23.17 1.85 -5.72
EAST_PULASKI___ESR 323781	13.41 -0.37 -0.63	13.22 -0.41 -0.50	13.12 -0.43 -0.45	13.08 -0.46 -0.46	13.12 -0.43 -0.44	13.78 -0.39 -0.40	13.93 -0.40 -0.45	13.89 -0.43 -0.52	15.04 -0.49 -0.28	15.77 -0.51 -0.24	15.63 -0.49 -0.26	16.35 -0.52 -0.18	16.47 -0.52 -0.17	16.07 -0.51 -0.21	16.28 -0.53 -0.18	16.09 -0.54 -0.21	17.03 -0.57 -0.30	19.14 -0.59 -0.55	21.96 -0.66 -0.78	20.42 -0.56 -0.91	22.00 -0.52 -1.04	19.96 -0.49 -0.73	18.66 -0.47 -0.25	15.69 -0.31 -0.41
EAST_RIVER___1 323558	21.79 0.91 -7.74	20.13 0.88 -6.13	19.47 0.88 -5.48	19.55 0.86 -5.60	19.42 0.86 -5.44	19.54 0.92 -4.84	20.21 0.88 -5.45	21.10 0.90 -6.41	19.74 1.05 -3.44	20.20 1.20 -2.95	20.19 1.19 -3.13	20.20 1.30 -2.21	20.18 1.33 -2.03	20.19 1.28 -2.54	20.19 1.33 -2.23	20.30 1.30 -2.58	22.27 1.28 -3.69	27.21 1.29 -6.74	32.98 1.59 -9.55	32.61 1.43 -11.11	36.06 1.55 -13.03	30.08 1.40 -8.96	23.29 1.32 -3.09	21.60 1.03 -4.98
EAST_RIVER___2 323559	21.80 0.92 -7.74	20.15 0.89 -6.13	19.48 0.89 -5.48	19.56 0.88 -5.60	19.43 0.88 -5.44	19.55 0.94 -4.84	20.22 0.89 -5.45	21.10 0.90 -6.41	19.77 1.08 -3.44	20.23 1.24 -2.95	20.23 1.24 -3.13	20.23 1.34 -2.21	20.22 1.36 -2.03	20.22 1.31 -2.54	20.22 1.36 -2.23	20.33 1.33 -2.58	22.31 1.31 -3.69	27.21 1.29 -6.74	33.01 1.62 -9.55	32.63 1.45 -11.11	36.08 1.57 -13.03	30.10 1.42 -8.96	23.31 1.34 -3.09	21.60 1.03 -4.98
EAST___DELAWARE_HYD 23607	20.84 1.04 -6.65	19.39 1.00 -5.27	18.81 0.98 -4.72	18.85 0.95 -4.82	18.80 1.01 -4.68	19.04 1.10 -4.16	19.64 1.07 -4.69	20.31 1.01 -5.51	19.30 1.10 -2.95	19.77 1.19 -2.54	19.73 1.17 -2.70	19.76 1.17 -1.90	19.77 1.19 -1.74	19.71 1.16 -2.19	19.72 1.18 -1.91	19.79 1.15 -2.22	21.72 1.25 -3.17	26.25 1.27 -5.79	31.56 1.51 -8.21	31.02 1.38 -9.56	34.25 1.72 -11.05	28.88 1.46 -7.70	22.95 1.42 -2.66	21.06 1.18 -4.28
EIGHT_POINT___WT_PWR 323820	14.77 0.01 -1.60	14.33 -0.07 -1.27	14.14 -0.11 -1.14	14.05 -0.20 -1.16	14.11 -0.13 -1.13	14.90 0.12 -1.00	15.18 0.17 -1.13	15.20 0.08 -1.33	16.01 0.05 -0.71	16.70 0.05 -0.61	16.58 0.06 -0.65	17.15 0.00 -0.46	17.18 -0.07 -0.42	16.89 0.00 -0.53	17.07 -0.02 -0.46	16.93 -0.03 -0.54	18.12 0.05 -0.77	20.66 0.08 -1.40	23.75 -0.07 -1.98	22.32 -0.06 -2.30	23.98 -0.11 -2.61	21.52 -0.06 -1.86	19.54 0.02 -0.64	16.92 0.30 -1.03
ELBRIDGE_115KV_TB2 80188	13.80 -0.24 -0.89	13.55 -0.28 -0.70	13.45 -0.29 -0.63	13.38 -0.34 -0.64	13.43 -0.30 -0.62	14.11 -0.22 -0.56	14.31 -0.19 -0.63	14.32 -0.21 -0.74	15.41 -0.23 -0.39	16.14 -0.24 -0.34	16.00 -0.22 -0.36	16.71 -0.23 -0.25	16.82 -0.24 -0.23	16.43 -0.23 -0.29	16.65 -0.23 -0.26	16.51 -0.21 -0.30	17.52 -0.21 -0.42	19.73 -0.23 -0.77	22.63 -0.31 -1.10	21.07 -0.28 -1.27	22.64 -0.30 -1.46	20.47 -0.28 -1.03	18.99 -0.25 -0.35	16.04 -0.12 -0.57
ELEC_TRO_TEK 24086	21.96 1.05 -7.76	23.06 1.00 -8.94	22.08 1.02 -7.95	23.36 1.01 -9.27	22.00 1.01 -7.88	22.36 1.09 -7.50	20.74 1.06 -5.80	23.37 1.06 -8.52	19.90 1.20 -3.45	21.62 1.36 -4.21	21.42 1.38 -4.18	20.50 1.45 -2.36	22.52 1.46 -4.23	23.17 1.44 -5.36	21.35 1.48 -3.24	23.27 1.36 -5.48	25.44 1.47 -6.67	39.53 1.50 -18.85	43.81 1.83 -20.14	41.17 1.65 -19.45	47.18 1.76 -23.95	36.68 1.64 -15.32	25.31 1.59 -4.85	22.55 1.22 -5.74
ELLENBURG_WT_PWR 323604	12.92 -0.22 0.00	12.99 -0.13 0.00	13.03 -0.08 0.00	13.04 -0.04 0.00	13.06 -0.05 0.00	13.68 -0.10 0.00	13.80 -0.08 0.00	13.79 0.00 0.00	15.20 -0.05 0.00	16.03 -0.02 0.00	15.81 -0.05 0.00	16.72 0.03 0.00	16.78 -0.05 0.00	16.20 -0.16 0.00	16.45 -0.18 0.00	16.19 -0.23 0.00	17.09 -0.21 0.00	19.03 -0.15 0.00	21.82 -0.02 0.00	20.10 0.02 0.00	21.50 0.02 0.00	19.70 -0.02 0.00	18.75 -0.13 0.00	15.37 -0.22 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	13.87 -0.58 -1.30	13.50 -0.66 -1.03	13.35 -0.68 -0.92	13.21 -0.81 -0.94	13.33 -0.69 -0.92	14.17 -0.41 -0.82	14.47 -0.33 -0.92	14.37 -0.50 -1.08	15.19 -0.64 -0.58	15.92 -0.63 -0.50	15.77 -0.62 -0.53	16.39 -0.67 -0.37	16.51 -0.66 -0.34	16.16 -0.64 -0.43	16.32 -0.68 -0.37	16.25 -0.61 -0.43	17.25 -0.67 -0.62	19.52 -0.81 -1.13	22.20 -1.24 -1.61	20.76 -1.18 -1.87	22.29 -1.33 -2.14	20.08 -1.14 -1.51	18.51 -0.89 -0.52	16.06 -0.37 -0.84
EMPIRE_CC_1 323656	23.15 0.30 -9.69	21.12 0.31 -7.68	20.28 0.30 -6.87	20.41 0.31 -7.02	20.24 0.31 -6.82	20.20 0.36 -6.07	21.08 0.36 -6.83	22.16 0.33 -8.04	20.03 0.47 -4.30	20.23 0.48 -3.70	20.25 0.46 -3.93	19.94 0.48 -2.77	19.89 0.52 -2.54	20.04 0.49 -3.19	19.92 0.50 -2.79	20.17 0.51 -3.23	22.41 0.48 -4.63	28.20 0.58 -8.44	34.40 0.59 -11.97	34.54 0.54 -13.93	37.07 0.58 -15.01	31.48 0.53 -11.23	23.28 0.53 -3.87	22.24 0.40 -6.24
EMPIRE_CC_2 323658	23.15 0.30 -9.69	21.12 0.31 -7.68	20.28 0.30 -6.87	20.41 0.31 -7.02	20.24 0.31 -6.82	20.20 0.36 -6.07	21.08 0.36 -6.83	22.16 0.33 -8.04	20.03 0.47 -4.30	20.23 0.48 -3.70	20.25 0.46 -3.93	19.94 0.48 -2.77	19.89 0.52 -2.54	20.04 0.49 -3.19	19.92 0.50 -2.79	20.17 0.51 -3.23	22.41 0.48 -4.63	28.20 0.58 -8.44	34.40 0.59 -11.97	34.54 0.54 -13.93	37.07 0.58 -15.01	31.48 0.53 -11.23	23.28 0.53 -3.87	22.24 0.40 -6.24
ENORWICH_115KV_TB1 80156	15.85 0.78 -1.92	15.31 0.67 -1.52	15.10 0.63 -1.36	15.06 0.59 -1.39	15.08 0.62 -1.35	15.80 0.83 -1.20	16.10 0.86 -1.35	16.22 0.84 -1.59	16.93 0.82 -0.85	17.52 0.74 -0.73	17.26 0.62 -0.78	17.89 0.65 -0.55	17.99 0.66 -0.50	17.60 0.61 -0.63	17.88 0.70 -0.55	17.82 0.76 -0.64	19.00 0.78 -0.92	21.93 1.07 -1.67	25.57 1.35 -2.37	24.10 1.26 -2.76	26.10 1.46 -3.17	23.19 1.24 -2.22	20.76 1.11 -0.77	17.94 1.11 -1.24

ERIE_ST__34_KV_TB1-2 80199	13.87 -0.62 -1.34	13.49 -0.70 -1.06	13.34 -0.72 -0.95	13.20 -0.85 -0.97	13.30 -0.75 -0.94	14.13 -0.48 -0.84	14.40 -0.43 -0.95	14.36 -0.54 -1.11	15.17 -0.67 -0.60	15.87 -0.69 -0.51	15.72 -0.68 -0.54	16.35 -0.72 -0.38	16.47 -0.71 -0.35	16.12 -0.69 -0.44	16.28 -0.73 -0.39	16.23 -0.64 -0.45	17.25 -0.69 -0.64	19.55 -0.81 -1.17	22.29 -1.20 -1.66	20.86 -1.14 -1.93	22.39 -1.29 -2.21	20.15 -1.12 -1.55	18.49 -0.92 -0.54	16.02 -0.44 -0.86
ERIE_WT_PWR 323693	13.94 -0.54 -1.33	13.56 -0.62 -1.05	13.41 -0.64 -0.94	13.27 -0.77 -0.96	13.39 -0.66 -0.93	14.23 -0.37 -0.83	14.51 -0.31 -0.94	14.44 -0.45 -1.10	15.27 -0.56 -0.59	15.97 -0.58 -0.51	15.89 -0.51 -0.54	16.47 -0.60 -0.38	16.47 -0.71 -0.35	16.21 -0.59 -0.44	16.38 -0.63 -0.38	16.18 -0.69 -0.44	17.33 -0.61 -0.63	19.61 -0.73 -1.16	22.32 -1.16 -1.64	20.90 -1.08 -1.91	22.37 -1.27 -2.16	20.21 -1.05 -1.54	18.60 -0.81 -0.53	16.12 -0.33 -0.85
ESPRGFLD_115KV_TB1 80157	10.94 0.42 2.63	11.41 0.37 2.08	11.60 0.35 1.86	11.51 0.33 1.90	11.60 0.34 1.85	12.55 0.43 1.64	12.52 0.49 1.85	12.10 0.48 2.18	14.62 0.53 1.17	15.60 0.56 1.00	15.32 0.52 1.06	16.49 0.55 0.75	16.70 0.56 0.69	16.01 0.51 0.86	16.41 0.53 0.76	16.06 0.51 0.88	16.69 0.64 1.25	17.69 0.79 2.29	19.54 0.94 3.24	17.19 0.88 3.77	18.06 0.97 4.39	17.59 0.91 3.04	18.62 0.79 1.05	14.54 0.64 1.69
ETNA_115_KV_TB1_REV_LBMP_C 345029	14.95 0.13 -1.67	14.53 0.08 -1.33	14.35 0.05 -1.19	14.29 0.00 -1.21	14.32 0.04 -1.18	14.98 0.17 -1.05	15.24 0.18 -1.18	15.34 0.17 -1.39	16.14 0.15 -0.74	16.79 0.11 -0.64	16.62 0.08 -0.68	17.25 0.08 -0.48	17.35 0.08 -0.44	17.00 0.08 -0.55	17.21 0.10 -0.48	17.13 0.15 -0.56	18.27 0.17 -0.80	20.87 0.23 -1.46	24.21 0.31 -2.06	22.76 0.28 -2.40	24.55 0.32 -2.75	21.93 0.28 -1.94	19.81 0.26 -0.67	17.00 0.33 -1.08
ETNA____115KV_TB2 80207	14.95 0.13 -1.67	14.53 0.08 -1.33	14.35 0.05 -1.19	14.29 0.00 -1.21	14.32 0.04 -1.18	14.98 0.17 -1.05	15.24 0.18 -1.18	15.34 0.17 -1.39	16.14 0.15 -0.74	16.79 0.11 -0.64	16.62 0.08 -0.68	17.25 0.08 -0.48	17.35 0.08 -0.44	17.00 0.08 -0.55	17.21 0.10 -0.48	17.13 0.15 -0.56	18.27 0.17 -0.80	20.87 0.23 -1.46	24.21 0.31 -2.06	22.76 0.28 -2.40	24.55 0.32 -2.75	21.93 0.28 -1.94	19.81 0.26 -0.67	17.00 0.33 -1.08
EUCLID__115KV_TB2 356179	13.54 -0.32 -0.71	13.33 -0.35 -0.56	13.25 -0.37 -0.50	13.19 -0.41 -0.52	13.23 -0.38 -0.50	13.91 -0.30 -0.45	14.11 -0.28 -0.50	14.08 -0.30 -0.59	15.23 -0.34 -0.32	15.96 -0.35 -0.27	15.80 -0.35 -0.29	16.53 -0.37 -0.20	16.64 -0.37 -0.19	16.24 -0.36 -0.23	16.47 -0.37 -0.20	16.35 -0.31 -0.24	17.29 -0.35 -0.34	19.42 -0.38 -0.62	22.24 -0.48 -0.88	20.64 -0.46 -1.02	22.18 -0.47 -1.17	20.09 -0.45 -0.82	18.76 -0.40 -0.28	15.80 -0.25 -0.46
E_CANADA_CAP_HY 24051	26.47 0.43 -12.89	23.73 0.39 -10.22	22.61 0.37 -9.14	22.74 0.33 -9.33	22.52 0.34 -9.07	22.25 0.41 -8.07	23.48 0.51 -9.08	24.97 0.50 -10.68	21.55 0.58 -5.72	21.54 0.58 -4.92	21.61 0.52 -5.22	20.92 0.55 -3.68	20.76 0.55 -3.38	21.08 0.47 -4.24	20.80 0.46 -3.71	21.23 0.51 -4.30	24.12 0.67 -6.15	31.27 0.86 -11.22	38.78 1.03 -15.91	39.57 0.98 -18.51	43.24 1.05 -20.71	35.67 1.02 -14.92	24.91 0.89 -5.15	24.55 0.65 -8.30
E_CANADA_MHWK_HY 24050	13.37 0.22 0.00	13.33 0.21 0.00	13.31 0.20 0.00	13.28 0.20 0.00	13.32 0.21 0.00	14.02 0.25 0.00	14.13 0.25 0.00	14.04 0.25 0.00	15.55 0.30 0.00	16.36 0.32 0.00	16.20 0.33 0.00	16.97 0.28 0.00	17.10 0.27 0.00	16.64 0.28 0.00	16.90 0.27 0.00	16.68 0.26 0.00	17.54 0.24 0.00	19.44 0.25 0.00	22.14 0.31 0.00	20.36 0.28 0.00	21.80 0.32 0.00	20.03 0.31 0.00	19.22 0.34 0.00	15.95 0.36 0.00
E_FISHKILL__LBMP 23776	21.79 0.68 -7.96	20.07 0.64 -6.31	19.40 0.66 -5.64	19.48 0.64 -5.76	19.36 0.66 -5.60	19.47 0.72 -4.98	20.17 0.68 -5.61	21.08 0.69 -6.60	19.59 0.81 -3.53	19.98 0.90 -3.04	20.01 0.92 -3.22	19.93 0.97 -2.27	19.89 0.98 -2.09	19.95 0.97 -2.62	19.92 1.00 -2.29	20.03 0.95 -2.66	22.10 1.00 -3.80	27.15 1.04 -6.93	32.89 1.22 -9.82	32.59 1.08 -11.43	36.08 1.18 -13.42	30.02 1.08 -9.21	23.09 1.04 -3.18	21.50 0.78 -5.12
FALCON__SEABRD_CC1 323796	13.04 -0.11 0.00	13.11 -0.01 0.00	13.15 0.04 0.00	13.16 0.08 0.00	13.17 0.07 0.00	13.81 0.04 0.00	13.92 0.04 0.00	13.93 0.14 0.00	15.36 0.11 0.00	16.19 0.14 0.00	15.97 0.11 0.00	16.91 0.22 0.00	16.96 0.13 0.00	16.38 0.02 0.00	16.63 0.00 0.00	16.37 -0.05 0.00	17.28 -0.02 0.00	19.24 0.06 0.00	22.10 0.26 0.00	20.34 0.26 0.00	21.76 0.28 0.00	19.92 0.20 0.00	18.95 0.08 0.00	15.53 -0.06 0.00
FALCON__SEABRD_CC2 323797	13.04 -0.11 0.00	13.11 -0.01 0.00	13.15 0.04 0.00	13.16 0.08 0.00	13.17 0.07 0.00	13.81 0.04 0.00	13.92 0.04 0.00	13.93 0.14 0.00	15.36 0.11 0.00	16.19 0.14 0.00	15.97 0.11 0.00	16.91 0.22 0.00	16.96 0.13 0.00	16.38 0.02 0.00	16.63 0.00 0.00	16.37 -0.05 0.00	17.28 -0.02 0.00	19.24 0.06 0.00	22.10 0.26 0.00	20.34 0.26 0.00	21.76 0.28 0.00	19.92 0.20 0.00	18.95 0.08 0.00	15.53 -0.06 0.00
FAR ROCKAWAY__4 23548	22.13 1.22 -7.76	23.22 1.15 -8.94	22.24 1.18 -7.95	23.50 1.15 -9.27	22.16 1.17 -7.88	22.52 1.25 -7.50	20.89 1.21 -5.80	23.54 1.23 -8.52	20.08 1.39 -3.45	21.81 1.56 -4.21	21.57 1.52 -4.18	20.64 1.59 -2.36	22.64 1.58 -4.23	23.30 1.57 -5.36	21.46 1.60 -3.24	23.43 1.53 -5.48	25.58 1.61 -6.67	39.72 1.69 -18.85	43.84 1.86 -20.14	41.19 1.67 -19.45	47.23 1.80 -23.95	36.88 1.83 -15.32	25.46 1.74 -4.85	22.73 1.40 -5.74
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.82 0.91 -7.76	20.13 0.85 -6.15	19.49 0.88 -5.50	19.56 0.86 -5.62	19.43 0.87 -5.46	19.55 0.92 -4.86	20.23 0.87 -5.47	21.12 0.90 -6.43	19.75 1.05 -3.45	20.21 1.20 -2.96	20.24 1.24 -3.14	20.21 1.30 -2.22	20.16 1.30 -2.03	20.21 1.29 -2.55	20.19 1.33 -2.23	20.28 1.26 -2.59	22.28 1.28 -3.70	27.23 1.29 -6.76	33.04 1.62 -9.58	32.65 1.43 -11.15	36.09 1.52 -13.09	30.12 1.42 -8.99	23.30 1.32 -3.10	21.62 1.03 -5.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.82 0.91 -7.76	20.13 0.85 -6.15	19.49 0.88 -5.50	19.56 0.86 -5.62	19.43 0.87 -5.46	19.55 0.92 -4.86	20.23 0.87 -5.47	21.12 0.90 -6.43	19.75 1.05 -3.45	20.21 1.20 -2.96	20.24 1.24 -3.14	20.21 1.30 -2.22	20.16 1.30 -2.03	20.21 1.29 -2.55	20.19 1.33 -2.23	20.28 1.26 -2.59	22.28 1.28 -3.70	27.23 1.29 -6.76	33.04 1.62 -9.58	32.65 1.43 -11.15	36.09 1.52 -13.09	30.12 1.42 -8.99	23.30 1.32 -3.10	21.62 1.03 -5.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.82 0.91 -7.76	20.11 0.84 -6.15	19.49 0.88 -5.50	19.55 0.85 -5.62	19.42 0.85 -5.46	19.55 0.92 -4.86	20.21 0.86 -5.47	21.11 0.88 -6.43	19.75 1.05 -3.45	20.21 1.20 -2.96	20.23 1.22 -3.14	20.19 1.29 -2.22	20.16 1.30 -2.03	20.19 1.28 -2.55	20.18 1.31 -2.23	20.26 1.25 -2.59	22.28 1.28 -3.70	27.21 1.27 -6.76	33.02 1.59 -9.58	32.65 1.43 -11.15	36.09 1.52 -13.09	30.11 1.40 -8.99	23.28 1.30 -3.10	21.60 1.01 -5.00

FARRAGUT___LBMP 323566	21.80 0.89 -7.76	20.11 0.84 -6.15	19.47 0.87 -5.50	19.55 0.85 -5.62	19.42 0.85 -5.46	19.54 0.91 -4.86	20.21 0.86 -5.47	21.11 0.88 -6.43	19.73 1.04 -3.45	20.19 1.19 -2.96	20.23 1.22 -3.14	20.17 1.27 -2.22	20.14 1.28 -2.03	20.19 1.28 -2.55	20.18 1.31 -2.23	20.26 1.25 -2.59	22.27 1.26 -3.70	27.21 1.27 -6.76	32.99 1.57 -9.58	32.63 1.41 -11.15	36.07 1.50 -13.09	30.09 1.38 -8.99	23.28 1.30 -3.10	21.60 1.01 -5.00
FENNER___WINDPWR 24204	14.18 0.07 -0.97	13.93 0.04 -0.77	13.81 0.01 -0.69	13.77 -0.01 -0.70	13.80 0.01 -0.68	14.47 0.10 -0.61	14.66 0.10 -0.68	14.69 0.10 -0.80	15.77 0.09 -0.43	16.49 0.08 -0.37	16.32 0.06 -0.39	17.00 0.03 -0.28	17.12 0.03 -0.25	16.72 0.03 -0.32	16.96 0.05 -0.28	16.78 0.03 -0.32	17.83 0.07 -0.46	20.17 0.14 -0.84	23.21 0.17 -1.20	21.63 0.16 -1.39	23.25 0.19 -1.58	21.00 0.16 -1.12	19.40 0.13 -0.39	16.42 0.20 -0.62
FIBERTEK___ENERGY 23856	13.80 -0.20 -0.84	13.55 -0.24 -0.67	13.46 -0.25 -0.60	13.39 -0.30 -0.61	13.43 -0.28 -0.59	14.12 -0.18 -0.53	14.33 -0.15 -0.60	14.31 -0.18 -0.70	15.44 -0.18 -0.38	16.17 -0.19 -0.32	16.01 -0.19 -0.34	16.71 -0.22 -0.24	16.85 -0.20 -0.22	16.45 -0.20 -0.28	16.67 -0.20 -0.24	16.56 -0.15 -0.28	17.53 -0.17 -0.40	19.71 -0.21 -0.74	22.62 -0.26 -1.04	21.05 -0.24 -1.21	22.61 -0.26 -1.39	20.46 -0.24 -0.98	19.01 -0.21 -0.34	16.06 -0.08 -0.54
FITZPATRICK____ 23598	13.26 -0.50 -0.61	13.08 -0.53 -0.49	13.00 -0.54 -0.43	12.95 -0.58 -0.44	12.99 -0.55 -0.43	13.66 -0.50 -0.38	13.84 -0.47 -0.43	13.80 -0.50 -0.51	14.97 -0.55 -0.27	15.70 -0.58 -0.23	15.55 -0.56 -0.25	16.25 -0.62 -0.18	16.37 -0.62 -0.16	15.98 -0.59 -0.20	16.21 -0.60 -0.18	16.02 -0.61 -0.20	16.99 -0.61 -0.29	19.05 -0.67 -0.53	21.79 -0.81 -0.76	20.21 -0.74 -0.88	21.68 -0.79 -1.00	19.70 -0.73 -0.71	18.44 -0.68 -0.24	15.50 -0.48 -0.39
FLOWRFLD_69_KV_BK1 356044	22.13 1.22 -7.76	23.26 1.19 -8.94	22.28 1.22 -7.95	23.57 1.22 -9.27	22.21 1.22 -7.88	22.58 1.31 -7.50	20.95 1.26 -5.80	23.59 1.28 -8.52	20.11 1.42 -3.45	21.86 1.60 -4.21	21.68 1.63 -4.18	20.75 1.70 -2.36	22.81 1.75 -4.23	23.44 1.72 -5.36	21.61 1.75 -3.24	23.48 1.58 -5.48	25.76 1.78 -6.67	39.92 1.88 -18.85	44.29 2.31 -20.14	41.55 2.03 -19.45	47.57 2.15 -23.95	37.07 2.03 -15.32	25.75 2.02 -4.85	22.80 1.47 -5.74
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.86 0.85 -7.86	20.16 0.81 -6.23	19.49 0.81 -5.57	19.57 0.80 -5.69	19.46 0.83 -5.53	19.59 0.90 -4.92	20.28 0.86 -5.54	21.13 0.83 -6.51	19.70 0.96 -3.49	20.10 1.06 -3.00	20.12 1.08 -3.18	20.07 1.13 -2.25	20.05 1.16 -2.06	20.09 1.15 -2.58	20.05 1.16 -2.26	20.16 1.12 -2.62	22.26 1.21 -3.75	27.24 1.21 -6.84	32.94 1.26 -9.70	32.63 1.26 -11.29	36.13 1.44 -13.21	30.16 1.34 -9.10	23.30 1.28 -3.14	21.62 0.97 -5.06
FORT ORANGE____ 23900	23.39 0.22 -10.02	21.28 0.22 -7.94	20.42 0.21 -7.10	20.53 0.20 -7.25	20.38 0.22 -7.05	20.30 0.26 -6.27	21.23 0.29 -7.06	22.34 0.25 -8.30	20.11 0.41 -4.45	20.28 0.42 -3.82	20.30 0.38 -4.06	19.95 0.40 -2.86	19.89 0.44 -2.62	20.07 0.41 -3.29	19.91 0.40 -2.88	20.19 0.43 -3.34	22.49 0.41 -4.78	28.37 0.46 -8.72	34.71 0.50 -12.37	34.93 0.46 -14.39	37.90 0.51 -15.90	31.77 0.45 -11.60	23.31 0.43 -4.00	22.34 0.30 -6.45
FORT_DRUM_COGEN 23780	13.25 -0.34 -0.44	13.08 -0.39 -0.35	13.00 -0.42 -0.31	12.97 -0.43 -0.32	13.00 -0.42 -0.31	13.65 -0.40 -0.27	13.76 -0.43 -0.31	13.71 -0.44 -0.36	14.85 -0.59 -0.19	15.55 -0.66 -0.17	15.42 -0.62 -0.18	16.16 -0.65 -0.13	16.25 -0.69 -0.11	15.82 -0.69 -0.14	16.06 -0.70 -0.13	15.81 -0.76 -0.15	16.78 -0.73 -0.21	18.94 -0.63 -0.38	21.81 -0.57 -0.54	20.28 -0.42 -0.63	21.88 -0.32 -0.72	19.85 -0.37 -0.51	18.62 -0.43 -0.18	15.53 -0.34 -0.28
FPL_FAR_ROCK_GT1 24212	22.11 1.22 -7.74	23.22 1.18 -8.92	22.22 1.18 -7.94	23.48 1.15 -9.25	22.14 1.17 -7.86	22.51 1.25 -7.48	20.88 1.21 -5.79	23.52 1.23 -8.50	20.07 1.39 -3.44	21.80 1.56 -4.20	21.52 1.49 -4.17	20.63 1.59 -2.36	22.70 1.65 -4.22	23.27 1.56 -5.35	21.46 1.60 -3.23	23.51 1.61 -5.47	25.57 1.61 -6.66	39.70 1.69 -18.83	44.00 2.05 -20.11	41.35 1.87 -19.41	47.39 2.02 -23.89	36.83 1.81 -15.29	25.45 1.74 -4.84	22.72 1.40 -5.72
FPL_FAR_ROCK_GT2 23815	22.11 1.22 -7.74	23.22 1.18 -8.92	22.22 1.18 -7.94	23.48 1.15 -9.25	22.14 1.17 -7.86	22.51 1.25 -7.48	20.88 1.21 -5.79	23.52 1.23 -8.50	20.07 1.39 -3.44	21.80 1.56 -4.20	21.52 1.49 -4.17	20.63 1.59 -2.36	22.70 1.65 -4.22	23.27 1.56 -5.35	21.46 1.60 -3.23	23.51 1.61 -5.47	25.57 1.61 -6.66	39.70 1.69 -18.83	44.00 2.05 -20.11	41.35 1.87 -19.41	47.39 2.02 -23.89	36.83 1.81 -15.29	25.45 1.74 -4.84	22.72 1.40 -5.72
FRANKLIN_FALL_HYD 24054	13.00 -0.22 -0.07	13.05 -0.13 -0.06	13.07 -0.09 -0.05	13.08 -0.05 -0.05	13.08 -0.08 -0.05	13.69 -0.12 -0.04	13.79 -0.14 -0.05	13.81 -0.04 -0.06	15.16 -0.12 -0.03	15.97 -0.10 -0.03	15.78 -0.11 -0.03	16.63 -0.08 -0.02	16.68 -0.17 -0.02	16.16 -0.23 -0.02	16.40 -0.25 -0.02	16.13 -0.31 -0.02	17.06 -0.28 -0.03	19.04 -0.21 -0.06	21.86 -0.07 -0.09	20.16 -0.02 -0.10	21.57 -0.02 -0.11	19.72 -0.08 -0.08	18.70 -0.21 -0.03	15.37 -0.27 -0.05
FREEPORT_EQUS_GT1 23764	22.03 1.14 -7.74	23.14 1.10 -8.92	22.14 1.10 -7.94	23.42 1.09 -9.25	22.06 1.09 -7.86	22.43 1.17 -7.48	20.81 1.14 -5.79	23.43 1.14 -8.50	19.98 1.30 -3.44	21.71 1.46 -4.20	21.41 1.38 -4.17	20.58 1.53 -2.36	22.65 1.60 -4.22	23.22 1.50 -5.35	21.42 1.56 -3.23	23.46 1.56 -5.47	25.52 1.56 -6.66	39.60 1.59 -18.83	43.87 1.92 -20.11	41.23 1.75 -19.41	47.26 1.89 -23.89	36.73 1.71 -15.29	25.40 1.68 -4.84	22.62 1.31 -5.72
FREEPORT___CT2 23818	22.03 1.14 -7.74	23.14 1.10 -8.92	22.14 1.10 -7.94	23.42 1.09 -9.25	22.06 1.09 -7.86	22.43 1.17 -7.48	20.81 1.14 -5.79	23.43 1.14 -8.50	19.98 1.30 -3.44	21.71 1.46 -4.20	21.41 1.38 -4.17	20.58 1.53 -2.36	22.65 1.60 -4.22	23.22 1.50 -5.35	21.42 1.56 -3.23	23.46 1.56 -5.47	25.52 1.56 -6.66	39.60 1.59 -18.83	43.87 1.92 -20.11	41.23 1.75 -19.41	47.26 1.89 -23.89	36.73 1.71 -15.29	25.40 1.68 -4.84	22.62 1.31 -5.72
FRESHKLS_33_KV_LOAD 356253	21.93 1.01 -7.77	20.25 0.97 -6.16	19.61 1.00 -5.51	19.68 0.97 -5.63	19.54 0.97 -5.46	19.57 0.94 -4.86	20.12 0.76 -5.47	20.94 0.72 -6.43	19.58 0.88 -3.45	20.03 1.03 -2.96	20.09 1.08 -3.15	20.04 1.13 -2.22	19.99 1.13 -2.03	20.05 1.13 -2.55	20.04 1.18 -2.23	20.13 1.12 -2.59	22.18 1.18 -3.70	27.08 1.13 -6.76	32.95 1.53 -9.58	32.57 1.35 -11.15	36.00 1.44 -13.09	30.17 1.46 -8.99	23.30 1.32 -3.10	21.67 1.08 -5.00
FULTON COGEN____ 23766	13.45 -0.39 -0.69	13.22 -0.45 -0.55	13.14 -0.46 -0.49	13.09 -0.50 -0.50	13.12 -0.47 -0.49	13.80 -0.40 -0.43	13.98 -0.39 -0.49	13.95 -0.41 -0.57	15.10 -0.46 -0.31	15.84 -0.47 -0.26	15.68 -0.46 -0.28	16.40 -0.48 -0.20	16.52 -0.49 -0.18	16.13 -0.46 -0.23	16.33 -0.50 -0.20	16.19 -0.46 -0.23	17.15 -0.48 -0.33	19.25 -0.54 -0.60	22.04 -0.66 -0.85	20.49 -0.58 -0.99	21.99 -0.62 -1.14	19.95 -0.57 -0.80	18.64 -0.51 -0.28	15.70 -0.34 -0.45

FULTON___LFGE 323630	26.20 0.95 -12.11	23.61 0.89 -9.60	22.57 0.88 -8.58	22.63 0.78 -8.76	22.43 0.80 -8.52	22.24 0.89 -7.58	23.54 1.12 -8.53	24.89 1.06 -10.04	21.83 1.20 -5.38	21.84 1.17 -4.62	21.80 1.03 -4.91	21.03 0.88 -3.46	20.89 0.89 -3.17	21.12 0.77 -3.98	20.84 0.73 -3.48	21.28 0.82 -4.04	24.20 1.12 -5.78	31.15 1.42 -10.54	38.47 1.68 -14.95	39.07 1.61 -17.39	42.62 1.74 -19.40	35.29 1.56 -14.02	25.11 1.40 -4.83	24.65 1.26 -7.80
G.F.CEMENT___DRP 24184	24.15 0.53 -10.48	21.92 0.50 -8.30	21.03 0.50 -7.43	21.11 0.44 -7.58	20.94 0.46 -7.37	20.84 0.51 -6.56	21.92 0.65 -7.38	23.12 0.65 -8.68	20.75 0.85 -4.65	20.94 0.90 -4.00	20.92 0.81 -4.24	20.53 0.85 -2.99	20.45 0.88 -2.75	20.60 0.79 -3.44	20.38 0.73 -3.01	20.66 0.74 -3.50	23.25 0.95 -5.00	29.40 1.09 -9.12	35.97 1.20 -12.93	36.25 1.12 -15.05	39.38 1.20 -16.70	32.89 1.05 -12.13	24.02 0.96 -4.18	23.02 0.69 -6.75
GARDENVILLE___LBMP 24039	13.90 -0.57 -1.31	13.52 -0.64 -1.04	13.37 -0.67 -0.93	13.25 -0.78 -0.95	13.35 -0.68 -0.93	14.20 -0.40 -0.82	14.48 -0.33 -0.93	14.40 -0.48 -1.09	15.22 -0.61 -0.58	15.94 -0.61 -0.50	15.79 -0.60 -0.53	16.43 -0.63 -0.38	16.53 -0.64 -0.34	16.18 -0.62 -0.43	16.34 -0.67 -0.38	16.27 -0.59 -0.44	17.29 -0.64 -0.63	19.56 -0.77 -1.15	22.26 -1.20 -1.62	20.84 -1.12 -1.89	22.35 -1.29 -2.16	20.14 -1.10 -1.52	18.55 -0.85 -0.53	16.08 -0.36 -0.85
GARDNVLA_35_KV_LD 355827	13.95 -0.51 -1.31	13.56 -0.60 -1.04	13.41 -0.63 -0.93	13.29 -0.75 -0.95	13.39 -0.64 -0.92	14.24 -0.36 -0.82	14.52 -0.29 -0.93	14.45 -0.43 -1.09	15.27 -0.56 -0.58	16.00 -0.55 -0.50	15.85 -0.54 -0.53	16.50 -0.57 -0.38	16.60 -0.57 -0.34	16.24 -0.56 -0.43	16.41 -0.60 -0.38	16.35 -0.51 -0.44	17.36 -0.57 -0.63	19.64 -0.69 -1.14	22.35 -1.11 -1.62	20.90 -1.06 -1.89	22.44 -1.20 -2.16	20.21 -1.03 -1.52	18.63 -0.77 -0.52	16.13 -0.31 -0.85
GELCKHM___115KV_LOAD 80723	13.63 -0.28 -0.76	13.41 -0.31 -0.60	13.30 -0.34 -0.54	13.26 -0.37 -0.55	13.30 -0.34 -0.53	13.98 -0.26 -0.47	14.17 -0.25 -0.53	14.16 -0.26 -0.63	15.30 -0.29 -0.34	16.03 -0.30 -0.29	15.88 -0.29 -0.31	16.59 -0.32 -0.22	16.72 -0.30 -0.20	16.32 -0.29 -0.25	16.55 -0.30 -0.22	16.41 -0.26 -0.25	17.39 -0.28 -0.36	19.52 -0.33 -0.66	22.38 -0.39 -0.94	20.78 -0.38 -1.09	22.34 -0.39 -1.25	20.22 -0.37 -0.88	18.84 -0.34 -0.30	15.89 -0.19 -0.49
GENERAL___MILLS 23808	13.93 -0.54 -1.32	13.54 -0.63 -1.05	13.39 -0.66 -0.94	13.27 -0.77 -0.96	13.37 -0.67 -0.93	14.21 -0.39 -0.83	14.51 -0.31 -0.93	14.43 -0.46 -1.09	15.24 -0.59 -0.59	15.95 -0.59 -0.50	15.81 -0.59 -0.53	16.45 -0.62 -0.38	16.57 -0.61 -0.35	16.19 -0.61 -0.43	16.38 -0.63 -0.38	16.30 -0.56 -0.44	17.31 -0.62 -0.63	19.59 -0.75 -1.15	22.31 -1.16 -1.63	20.87 -1.10 -1.90	22.40 -1.25 -2.17	20.18 -1.06 -1.53	18.57 -0.83 -0.53	16.10 -0.34 -0.85
GE_PLASTICS___DRP 24183	23.34 0.25 -9.95	21.24 0.24 -7.88	20.39 0.24 -7.05	20.52 0.24 -7.20	20.36 0.25 -7.00	20.27 0.28 -6.23	21.19 0.29 -7.01	22.31 0.28 -8.25	20.06 0.40 -4.42	20.26 0.42 -3.80	20.30 0.41 -4.03	19.96 0.43 -2.84	19.87 0.44 -2.61	20.06 0.43 -3.27	19.91 0.42 -2.86	20.15 0.41 -3.32	22.48 0.43 -4.75	28.31 0.46 -8.66	34.62 0.50 -12.28	34.83 0.46 -14.29	37.92 0.49 -15.95	31.69 0.45 -11.52	23.30 0.45 -3.97	22.33 0.33 -6.40
GILBOA___1 23756	21.28 0.34 -7.79	19.62 0.33 -6.17	18.94 0.31 -5.52	19.03 0.31 -5.64	18.90 0.31 -5.48	19.02 0.37 -4.88	19.73 0.36 -5.49	20.61 0.36 -6.46	19.16 0.46 -3.46	19.50 0.48 -2.97	19.49 0.48 -3.16	19.41 0.50 -2.23	19.39 0.52 -2.04	19.43 0.51 -2.56	19.39 0.52 -2.24	19.53 0.51 -2.60	21.55 0.54 -3.72	26.54 0.58 -6.78	32.11 0.65 -9.62	31.85 0.58 -11.19	34.77 0.60 -12.69	29.31 0.57 -9.02	22.55 0.57 -3.11	21.04 0.44 -5.01
GILBOA___2 23757	21.28 0.34 -7.79	19.62 0.33 -6.17	18.94 0.31 -5.52	19.03 0.31 -5.64	18.90 0.31 -5.48	19.02 0.37 -4.88	19.73 0.36 -5.49	20.61 0.36 -6.46	19.16 0.46 -3.46	19.50 0.48 -2.97	19.49 0.48 -3.16	19.41 0.50 -2.23	19.39 0.52 -2.04	19.43 0.51 -2.56	19.39 0.52 -2.24	19.53 0.51 -2.60	21.55 0.54 -3.72	26.54 0.58 -6.78	32.11 0.65 -9.62	31.85 0.58 -11.19	34.77 0.60 -12.69	29.31 0.57 -9.02	22.55 0.57 -3.11	21.04 0.44 -5.01
GILBOA___3 23758	21.28 0.34 -7.79	19.62 0.33 -6.17	18.94 0.31 -5.52	19.03 0.31 -5.64	18.90 0.31 -5.48	19.02 0.37 -4.88	19.73 0.36 -5.49	20.61 0.36 -6.46	19.16 0.46 -3.46	19.50 0.48 -2.97	19.49 0.48 -3.16	19.41 0.50 -2.23	19.39 0.52 -2.04	19.43 0.51 -2.56	19.39 0.52 -2.24	19.53 0.51 -2.60	21.55 0.54 -3.72	26.54 0.58 -6.78	32.11 0.65 -9.62	31.85 0.58 -11.19	34.77 0.60 -12.69	29.31 0.57 -9.02	22.55 0.57 -3.11	21.04 0.44 -5.01
GILBOA___4 23759	21.28 0.34 -7.79	19.62 0.33 -6.17	18.94 0.31 -5.52	19.03 0.31 -5.64	18.90 0.31 -5.48	19.02 0.37 -4.88	19.73 0.36 -5.49	20.61 0.36 -6.46	19.16 0.46 -3.46	19.50 0.48 -2.97	19.49 0.48 -3.16	19.41 0.50 -2.23	19.39 0.52 -2.04	19.43 0.51 -2.56	19.39 0.52 -2.24	19.53 0.51 -2.60	21.55 0.54 -3.72	26.54 0.58 -6.78	32.11 0.65 -9.62	31.85 0.58 -11.19	34.77 0.60 -12.69	29.31 0.57 -9.02	22.55 0.57 -3.11	21.04 0.44 -5.01
GILBOA___ 23599	21.30 0.34 -7.81	19.62 0.31 -6.19	18.96 0.31 -5.53	19.05 0.31 -5.65	18.91 0.31 -5.49	19.03 0.37 -4.89	19.75 0.36 -5.50	20.62 0.36 -6.47	19.16 0.44 -3.47	19.51 0.48 -2.98	19.50 0.48 -3.16	19.42 0.50 -2.23	19.38 0.50 -2.05	19.44 0.51 -2.57	19.39 0.52 -2.25	19.52 0.49 -2.60	21.56 0.54 -3.72	26.56 0.58 -6.80	32.13 0.66 -9.64	31.87 0.58 -11.21	34.82 0.62 -12.72	29.33 0.57 -9.04	22.56 0.57 -3.12	21.06 0.44 -5.03
GINNA___ 23603	13.07 -1.06 -0.99	12.78 -1.13 -0.78	12.65 -1.15 -0.70	12.58 -1.22 -0.72	12.64 -1.17 -0.70	13.37 -1.02 -0.62	13.62 -0.96 -0.70	13.58 -1.03 -0.82	14.53 -1.16 -0.44	15.22 -1.20 -0.38	15.09 -1.17 -0.40	15.69 -1.28 -0.28	15.74 -1.35 -0.26	15.45 -1.24 -0.32	15.63 -1.28 -0.28	15.45 -1.30 -0.33	16.47 -1.30 -0.47	18.61 -1.44 -0.86	21.27 -1.79 -1.22	19.83 -1.67 -1.42	21.26 -1.83 -1.61	19.25 -1.62 -1.14	17.80 -1.47 -0.39	15.18 -1.04 -0.64
GLEN PARK___ 23778	13.33 -0.30 -0.48	13.13 -0.37 -0.38	13.06 -0.39 -0.34	13.02 -0.41 -0.35	13.05 -0.39 -0.34	13.70 -0.37 -0.30	13.83 -0.39 -0.34	13.76 -0.43 -0.40	14.90 -0.56 -0.21	15.58 -0.64 -0.18	15.42 -0.63 -0.19	16.19 -0.63 -0.14	16.26 -0.69 -0.13	15.84 -0.69 -0.16	16.07 -0.70 -0.14	15.86 -0.72 -0.16	16.82 -0.71 -0.23	18.99 -0.61 -0.42	21.93 -0.50 -0.59	20.40 -0.36 -0.69	22.02 -0.24 -0.78	19.98 -0.30 -0.56	18.69 -0.38 -0.19	15.62 -0.28 -0.31
GLENDALE_27_KV_LOAD 356172	21.92 1.00 -7.77	20.21 0.93 -6.15	19.59 0.97 -5.51	19.65 0.94 -5.63	19.51 0.94 -5.46	19.61 0.98 -4.86	20.23 0.87 -5.47	21.12 0.90 -6.43	19.76 1.07 -3.45	20.23 1.22 -2.96	20.28 1.27 -3.15	20.22 1.32 -2.22	20.19 1.33 -2.03	20.24 1.33 -2.55	20.23 1.36 -2.23	20.29 1.28 -2.59	22.34 1.33 -3.70	27.25 1.30 -6.76	33.13 1.70 -9.58	32.73 1.51 -11.15	36.18 1.61 -13.09	30.18 1.48 -8.99	23.35 1.38 -3.10	21.67 1.08 -5.00

GLENWOOD_IC_1_G5 23712	21.92 1.01 -7.76	23.02 0.96 -8.94	22.04 0.98 -7.95	23.30 0.95 -9.27	21.95 0.96 -7.88	22.32 1.05 -7.50	20.69 1.00 -5.80	23.33 1.02 -8.52	19.87 1.17 -3.45	21.57 1.32 -4.21	21.39 1.35 -4.18	20.47 1.42 -2.36	22.49 1.43 -4.23	23.13 1.41 -5.36	21.31 1.45 -3.24	23.25 1.35 -5.48	25.43 1.45 -6.67	39.53 1.50 -18.85	43.70 1.73 -20.14	41.07 1.55 -19.45	47.10 1.68 -23.95	36.58 1.54 -15.32	25.24 1.51 -4.85	22.50 1.17 -5.74
GLENWOOD_IC_2_G1 23688	21.83 0.95 -7.74	22.95 0.90 -8.92	21.96 0.92 -7.94	23.22 0.89 -9.25	21.86 0.89 -7.86	22.22 0.96 -7.48	20.60 0.93 -5.79	23.23 0.94 -8.50	19.78 1.10 -3.44	21.47 1.22 -4.20	21.24 1.20 -4.17	20.36 1.32 -2.36	22.41 1.36 -4.22	23.03 1.31 -5.35	21.21 1.35 -3.23	23.24 1.35 -5.47	25.31 1.35 -6.66	39.40 1.38 -18.83	43.61 1.66 -20.11	40.99 1.51 -19.41	47.00 1.63 -23.89	36.49 1.48 -15.29	25.11 1.40 -4.84	22.39 1.08 -5.72
GLENWOOD_IC_3_G1 23689	21.83 0.95 -7.74	22.95 0.90 -8.92	21.96 0.92 -7.94	23.22 0.89 -9.25	21.86 0.89 -7.86	22.22 0.96 -7.48	20.60 0.93 -5.79	23.23 0.94 -8.50	19.78 1.10 -3.44	21.47 1.22 -4.20	21.24 1.20 -4.17	20.36 1.32 -2.36	22.41 1.36 -4.22	23.03 1.31 -5.35	21.21 1.35 -3.23	23.24 1.35 -5.47	25.31 1.35 -6.66	39.40 1.38 -18.83	43.61 1.66 -20.11	40.99 1.51 -19.41	47.00 1.63 -23.89	36.49 1.48 -15.29	25.11 1.40 -4.84	22.39 1.08 -5.72
GLENWOOD___4 23550	21.92 1.01 -7.76	23.02 0.96 -8.94	22.04 0.98 -7.95	23.30 0.95 -9.27	21.95 0.96 -7.88	22.32 1.05 -7.50	20.69 1.00 -5.80	23.33 1.02 -8.52	19.87 1.17 -3.45	21.57 1.32 -4.21	21.39 1.35 -4.18	20.47 1.42 -2.36	22.49 1.43 -4.23	23.13 1.41 -5.36	21.31 1.45 -3.24	23.25 1.35 -5.48	25.43 1.45 -6.67	39.53 1.50 -18.85	43.73 1.75 -20.14	41.11 1.59 -19.45	47.12 1.70 -23.95	36.60 1.56 -15.32	25.24 1.51 -4.85	22.50 1.17 -5.74
GLENWOOD___5 23614	21.92 1.01 -7.76	23.02 0.96 -8.94	22.04 0.98 -7.95	23.30 0.95 -9.27	21.95 0.96 -7.88	22.32 1.05 -7.50	20.69 1.00 -5.80	23.33 1.02 -8.52	19.87 1.17 -3.45	21.57 1.32 -4.21	21.39 1.35 -4.18	20.47 1.42 -2.36	22.49 1.43 -4.23	23.13 1.41 -5.36	21.31 1.45 -3.24	23.25 1.35 -5.48	25.43 1.45 -6.67	39.53 1.50 -18.85	43.73 1.75 -20.14	41.11 1.59 -19.45	47.12 1.70 -23.95	36.60 1.56 -15.32	25.24 1.51 -4.85	22.50 1.17 -5.74
GLOBAL GREEN_PORT_GT1 23814	22.37 1.49 -7.74	23.52 1.48 -8.92	22.52 1.48 -7.94	23.82 1.49 -9.25	22.45 1.48 -7.86	22.87 1.61 -7.48	21.22 1.55 -5.79	23.90 1.61 -8.50	20.44 1.75 -3.44	22.20 1.96 -4.20	21.84 1.81 -4.17	21.06 2.02 -2.36	23.17 2.12 -4.22	23.71 2.00 -5.35	21.89 2.03 -3.23	23.98 2.09 -5.47	26.12 2.16 -6.66	40.31 2.30 -18.83	44.74 2.80 -20.11	42.01 2.53 -19.41	48.10 2.73 -23.89	37.44 2.42 -15.29	26.23 2.51 -4.84	23.15 1.84 -5.72
GLOBE___DSASP 323697	13.45 -0.93 -1.23	13.09 -1.01 -0.98	12.95 -1.04 -0.87	12.84 -1.14 -0.89	12.93 -1.05 -0.87	13.80 -0.74 -0.77	14.08 -0.67 -0.87	13.97 -0.84 -1.02	14.77 -1.02 -0.55	15.45 -1.06 -0.47	15.38 -0.98 -0.50	15.91 -1.14 -0.35	15.92 -1.23 -0.32	15.69 -1.08 -0.40	15.84 -1.15 -0.35	15.64 -1.20 -0.41	16.75 -1.14 -0.59	18.92 -1.34 -1.07	21.44 -1.92 -1.52	20.08 -1.77 -1.77	21.40 -2.08 -2.01	19.43 -1.72 -1.43	17.99 -1.38 -0.49	15.61 -0.78 -0.79
GOETHSLN___LBMP 323567	21.75 0.84 -7.76	20.06 0.79 -6.15	19.44 0.83 -5.50	19.50 0.80 -5.62	19.37 0.80 -5.46	19.50 0.87 -4.86	20.17 0.82 -5.47	21.07 0.84 -6.43	19.70 1.01 -3.45	20.19 1.19 -2.96	20.21 1.21 -3.14	20.17 1.27 -2.22	20.14 1.28 -2.03	20.18 1.26 -2.55	20.16 1.30 -2.23	20.26 1.25 -2.59	22.20 1.19 -3.70	27.13 1.19 -6.76	32.91 1.49 -9.58	32.55 1.32 -11.15	35.96 1.40 -13.09	30.01 1.30 -8.99	23.20 1.23 -3.10	21.57 0.98 -5.00
GOLAH___69_KV_TB 1_2 80279	13.86 -0.29 -1.00	13.57 -0.34 -0.79	13.44 -0.38 -0.71	13.36 -0.44 -0.72	13.46 -0.35 -0.70	14.30 -0.10 -0.63	14.56 -0.03 -0.71	14.44 -0.18 -0.83	15.37 -0.32 -0.44	16.09 -0.34 -0.38	15.97 -0.30 -0.41	16.62 -0.35 -0.29	16.75 -0.34 -0.26	16.38 -0.31 -0.33	16.57 -0.35 -0.29	16.43 -0.33 -0.33	17.43 -0.35 -0.48	19.66 -0.40 -0.87	22.42 -0.66 -1.24	20.91 -0.60 -1.44	22.44 -0.69 -1.65	20.33 -0.55 -1.16	18.92 -0.36 -0.40	16.21 -0.03 -0.64
GOODYEAR_LAKE_HYD 323669	14.12 0.41 -0.57	13.94 0.37 -0.45	13.86 0.35 -0.40	13.82 0.33 -0.41	13.86 0.35 -0.40	14.57 0.44 -0.36	14.74 0.46 -0.40	14.73 0.47 -0.47	16.02 0.52 -0.25	16.81 0.55 -0.22	16.63 0.54 -0.23	17.42 0.57 -0.16	17.55 0.57 -0.15	17.09 0.54 -0.19	17.36 0.57 -0.16	17.17 0.56 -0.19	18.18 0.61 -0.27	20.39 0.71 -0.49	23.37 0.83 -0.70	21.65 0.76 -0.82	23.26 0.86 -0.93	21.15 0.77 -0.66	19.80 0.70 -0.23	16.54 0.58 -0.37
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	15.47 0.03 -2.29	14.92 -0.01 -1.82	14.69 -0.04 -1.62	14.66 -0.08 -1.66	14.68 -0.04 -1.61	15.29 0.08 -1.43	15.60 0.10 -1.62	15.76 0.07 -1.90	16.34 0.08 -1.02	17.00 0.08 -0.88	16.85 0.06 -0.93	17.39 0.05 -0.65	17.50 0.07 -0.60	17.18 0.07 -0.75	17.36 0.07 -0.66	17.29 0.10 -0.76	18.50 0.10 -1.09	21.30 0.12 -2.00	24.76 0.09 -2.83	23.45 0.08 -3.29	25.31 0.06 -3.77	22.45 0.08 -2.65	19.89 0.09 -0.92	17.26 0.19 -1.48
GOUDEY___7 23579	15.48 0.04 -2.29	14.92 -0.01 -1.82	14.71 -0.03 -1.62	14.68 -0.07 -1.66	14.68 -0.04 -1.61	15.29 0.08 -1.43	15.61 0.11 -1.62	15.77 0.08 -1.90	16.34 0.08 -1.02	17.00 0.08 -0.88	16.87 0.08 -0.93	17.41 0.07 -0.65	17.51 0.08 -0.60	17.20 0.08 -0.75	17.37 0.08 -0.66	17.30 0.11 -0.76	18.52 0.12 -1.09	21.32 0.13 -2.00	24.78 0.11 -2.83	23.47 0.10 -3.29	25.34 0.09 -3.77	22.45 0.08 -2.65	19.91 0.11 -0.92	17.27 0.20 -1.48
GOUDEY___8 23580	15.47 0.03 -2.29	14.92 -0.01 -1.82	14.69 -0.04 -1.62	14.66 -0.08 -1.66	14.68 -0.04 -1.61	15.29 0.08 -1.43	15.60 0.10 -1.62	15.76 0.07 -1.90	16.34 0.08 -1.02	17.00 0.08 -0.88	16.85 0.06 -0.93	17.39 0.05 -0.65	17.50 0.07 -0.60	17.18 0.07 -0.75	17.36 0.07 -0.66	17.29 0.10 -0.76	18.50 0.10 -1.09	21.30 0.12 -2.00	24.76 0.09 -2.83	23.45 0.08 -3.29	25.31 0.06 -3.77	22.45 0.08 -2.65	19.89 0.09 -0.92	17.26 0.19 -1.48
GOWANUS_GT1_1 24077	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT1_2 24078	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98

GOWANUS_GT1_3 24079	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT1_4 24080	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT1_5 24084	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT1_6 24111	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT1_7 24112	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT1_8 24113	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT2_1 24114	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT2_2 24115	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT2_3 24116	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT2_4 24117	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT2_5 24118	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT2_6 24119	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT2_7 24120	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT2_8 24121	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT3_1 24122	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98

GOWANUS_GT3_2 24123	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT3_3 24124	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT3_4 24125	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT3_5 24126	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT3_6 24127	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT3_7 24128	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT3_8 24129	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT4_1 24130	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT4_2 24131	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT4_3 24132	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT4_4 24133	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT4_5 24134	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT4_6 24135	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT4_7 24136	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
GOWANUS_GT4_8 24137	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98

GREENBSH_115KV_TB3 55895	23.26 0.17 -9.95	21.18 0.17 -7.88	20.32 0.16 -7.05	20.44 0.16 -7.20	20.28 0.17 -7.00	20.20 0.21 -6.23	21.11 0.22 -7.01	22.23 0.19 -8.24	20.02 0.35 -4.42	20.19 0.35 -3.80	20.24 0.35 -4.03	19.90 0.37 -2.84	19.80 0.37 -2.61	20.00 0.36 -3.27	19.84 0.35 -2.86	20.09 0.34 -3.32	22.39 0.35 -4.75	28.23 0.38 -8.66	34.53 0.41 -12.28	34.74 0.38 -14.29	37.66 0.39 -15.80	31.59 0.35 -11.52	23.21 0.36 -3.97	22.23 0.23 -6.40
GREENDGE_115KV_TB5 80291	14.54 -0.05 -1.44	14.15 -0.12 -1.14	13.97 -0.16 -1.02	13.90 -0.22 -1.04	13.95 -0.17 -1.01	14.69 0.01 -0.90	14.97 0.07 -1.02	15.01 0.03 -1.19	15.87 -0.02 -0.64	16.58 -0.02 -0.55	16.38 -0.06 -0.58	17.03 -0.07 -0.41	17.14 -0.07 -0.38	16.77 -0.07 -0.47	16.96 -0.08 -0.41	16.92 0.02 -0.48	17.97 -0.02 -0.69	20.44 0.00 -1.25	23.55 -0.07 -1.78	22.08 -0.06 -2.07	23.76 -0.09 -2.37	21.31 -0.08 -1.67	19.41 -0.04 -0.58	16.69 0.17 -0.93
GREENIDGE___3 23582	14.54 -0.05 -1.44	14.15 -0.12 -1.14	13.97 -0.16 -1.02	13.90 -0.22 -1.04	13.95 -0.17 -1.01	14.69 0.01 -0.90	14.97 0.07 -1.02	15.01 0.03 -1.19	15.87 -0.02 -0.64	16.58 -0.02 -0.55	16.38 -0.06 -0.58	17.03 -0.07 -0.41	17.14 -0.07 -0.38	16.77 -0.07 -0.47	16.96 -0.08 -0.41	16.92 0.02 -0.48	17.97 -0.02 -0.69	20.44 0.00 -1.25	23.55 -0.07 -1.78	22.08 -0.06 -2.07	23.76 -0.09 -2.37	21.31 -0.08 -1.67	19.41 -0.04 -0.58	16.69 0.17 -0.93
GREENIDGE___4 23583	14.63 -0.05 -1.54	14.22 -0.12 -1.22	14.04 -0.16 -1.09	13.97 -0.22 -1.11	14.02 -0.17 -1.08	14.75 0.01 -0.96	15.03 0.07 -1.08	15.09 0.03 -1.27	15.93 0.00 -0.68	16.61 -0.02 -0.59	16.48 0.00 -0.62	17.06 -0.07 -0.44	17.11 -0.12 -0.40	16.81 -0.07 -0.50	16.99 -0.08 -0.44	16.85 -0.08 -0.51	18.02 -0.02 -0.73	20.52 0.00 -1.34	23.67 -0.07 -1.90	22.22 -0.06 -2.21	23.87 -0.11 -2.50	21.42 -0.08 -1.78	19.45 -0.04 -0.61	16.75 0.17 -0.99
GREENLWN_69_KV_BK 3 55738	22.07 1.16 -7.76	23.16 1.10 -8.94	22.19 1.13 -7.95	23.46 1.11 -9.27	22.10 1.11 -7.88	22.48 1.21 -7.50	20.85 1.17 -5.80	23.48 1.17 -8.52	20.02 1.33 -3.45	21.75 1.49 -4.21	21.53 1.49 -4.18	20.62 1.57 -2.36	22.64 1.58 -4.23	23.28 1.55 -5.36	21.46 1.60 -3.24	23.40 1.49 -5.48	25.60 1.63 -6.67	39.72 1.69 -18.85	44.03 2.05 -20.14	41.35 1.83 -19.45	47.38 1.95 -23.95	36.86 1.81 -15.32	25.48 1.76 -4.85	22.67 1.34 -5.74
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.96 1.04 -7.77	20.25 0.97 -6.16	19.63 1.01 -5.51	19.69 0.98 -5.63	19.55 0.98 -5.46	19.61 0.98 -4.86	20.20 0.85 -5.47	21.07 0.84 -6.43	19.70 1.01 -3.45	20.16 1.16 -2.96	20.23 1.22 -3.15	20.17 1.27 -2.22	20.12 1.26 -2.03	20.18 1.26 -2.55	20.18 1.31 -2.23	20.24 1.23 -2.59	22.28 1.28 -3.70	27.21 1.27 -6.76	33.08 1.66 -9.58	32.69 1.47 -11.15	36.13 1.57 -13.09	30.20 1.50 -8.99	23.35 1.38 -3.10	21.70 1.11 -5.00
GRISSOM___SOLAR 323813	26.20 0.95 -12.11	23.61 0.89 -9.60	22.57 0.88 -8.58	22.63 0.78 -8.76	22.43 0.80 -8.52	22.24 0.89 -7.58	23.54 1.12 -8.53	24.89 1.06 -10.04	21.83 1.20 -5.38	21.84 1.17 -4.62	21.80 1.03 -4.91	21.03 0.88 -3.46	20.89 0.89 -3.17	21.12 0.77 -3.98	20.84 0.73 -3.48	21.28 0.82 -4.04	24.20 1.12 -5.78	31.15 1.42 -10.54	38.47 1.68 -14.95	39.07 1.61 -17.39	42.62 1.74 -19.40	35.29 1.56 -14.02	25.11 1.40 -4.83	24.65 1.26 -7.80
GROVEVILLE___HYD 323602	21.86 0.85 -7.86	20.16 0.81 -6.23	19.49 0.81 -5.57	19.57 0.80 -5.69	19.46 0.83 -5.53	19.59 0.90 -4.92	20.28 0.86 -5.54	21.13 0.83 -6.51	19.70 0.96 -3.49	20.10 1.06 -3.00	20.12 1.08 -3.18	20.07 1.13 -2.25	20.05 1.16 -2.06	20.09 1.15 -2.58	20.05 1.16 -2.26	20.16 1.12 -2.62	22.26 1.21 -3.75	27.24 1.21 -6.84	32.94 1.40 -9.70	32.63 1.26 -11.29	36.13 1.44 -13.21	30.16 1.34 -9.10	23.30 1.28 -3.14	21.62 0.97 -5.06
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	13.80 -0.20 -0.84	13.55 -0.24 -0.67	13.46 -0.25 -0.60	13.39 -0.30 -0.61	13.43 -0.28 -0.59	14.12 -0.18 -0.53	14.33 -0.15 -0.60	14.31 -0.18 -0.70	15.44 -0.18 -0.38	16.17 -0.19 -0.32	16.01 -0.19 -0.34	16.71 -0.22 -0.24	16.85 -0.20 -0.22	16.45 -0.20 -0.28	16.67 -0.20 -0.24	16.56 -0.15 -0.28	17.53 -0.17 -0.40	19.71 -0.21 -0.74	22.62 -0.26 -1.04	21.05 -0.24 -1.21	22.61 -0.26 -1.39	20.46 -0.24 -0.98	19.01 -0.21 -0.34	16.06 -0.08 -0.54
HAMLTNNY_34_KV_TB 80303	13.85 -0.18 -0.89	13.60 -0.22 -0.71	13.49 -0.25 -0.63	13.43 -0.30 -0.64	13.47 -0.26 -0.63	14.16 -0.17 -0.56	14.37 -0.14 -0.63	14.36 -0.17 -0.74	15.48 -0.17 -0.40	16.21 -0.18 -0.34	16.08 -0.14 -0.36	16.78 -0.17 -0.25	16.91 -0.15 -0.23	16.51 -0.15 -0.29	16.74 -0.15 -0.26	16.59 -0.13 -0.30	17.60 -0.12 -0.42	19.81 -0.15 -0.78	22.72 -0.22 -1.10	21.15 -0.20 -1.28	22.73 -0.21 -1.46	20.55 -0.20 -1.03	19.06 -0.17 -0.36	16.10 -0.06 -0.57
HAMPSHIRE___PAPER_HYD 323593	12.86 -0.53 -0.24	12.79 -0.53 -0.19	12.77 -0.51 -0.17	12.75 -0.51 -0.17	12.75 -0.52 -0.17	13.36 -0.57 -0.15	13.44 -0.61 -0.17	13.43 -0.57 -0.20	14.61 -0.75 -0.11	15.32 -0.82 -0.09	15.13 -0.83 -0.10	15.94 -0.82 -0.07	16.03 -0.86 -0.06	15.59 -0.85 -0.08	15.83 -0.87 -0.07	15.63 -0.87 -0.08	16.52 -0.90 -0.12	18.51 -0.88 -0.21	21.26 -0.87 -0.30	19.68 -0.74 -0.35	21.12 -0.75 -0.39	19.25 -0.75 -0.28	18.18 -0.79 -0.10	15.06 -0.69 -0.16
HARDSCRABBLE_WT_PWR 323673	13.32 0.17 0.00	13.27 0.14 0.00	13.25 0.14 0.00	13.23 0.14 0.00	13.25 0.14 0.00	13.96 0.19 0.00	14.08 0.19 0.00	14.00 0.21 0.00	15.49 0.24 0.00	16.32 0.27 0.00	16.15 0.29 0.00	16.92 0.23 0.00	17.05 0.22 0.00	16.58 0.21 0.00	16.83 0.20 0.00	16.62 0.20 0.00	17.49 0.19 0.00	19.38 0.19 0.00	22.06 0.22 0.00	20.28 0.20 0.00	21.71 0.24 0.00	19.96 0.24 0.00	19.14 0.26 0.00	15.89 0.30 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.09 0.78 -7.17	19.54 0.73 -5.68	18.94 0.75 -5.08	18.99 0.72 -5.19	18.90 0.75 -5.04	19.07 0.81 -4.49	19.71 0.78 -5.05	20.51 0.77 -5.94	19.33 0.90 -3.18	19.78 0.99 -2.74	19.77 1.00 -2.90	19.81 1.07 -2.05	19.78 1.08 -1.88	19.79 1.06 -2.36	19.77 1.08 -2.06	19.88 1.07 -2.39	21.83 1.11 -3.42	26.54 1.11 -6.24	32.00 1.31 -8.85	31.56 1.18 -10.30	34.85 1.31 -12.07	29.22 1.20 -8.30	22.91 1.17 -2.86	21.11 0.90 -4.62
HARSNRAD_115KV_TB1 81005	13.69 -0.64 -1.18	13.34 -0.72 -0.94	13.20 -0.75 -0.84	13.06 -0.88 -0.86	13.17 -0.77 -0.83	14.06 -0.45 -0.74	14.33 -0.39 -0.83	14.18 -0.59 -0.98	15.01 -0.76 -0.53	15.73 -0.77 -0.45	15.56 -0.78 -0.48	16.19 -0.83 -0.34	16.31 -0.82 -0.31	15.95 -0.80 -0.39	16.12 -0.85 -0.34	16.06 -0.76 -0.39	17.03 -0.83 -0.56	19.22 -1.00 -1.03	21.81 -1.49 -1.46	20.39 -1.39 -1.70	21.86 -1.57 -1.95	19.77 -1.32 -1.37	18.33 -1.02 -0.47	15.87 -0.48 -0.76
HARZA MOOSE___RIVER 24016	13.37 -0.08 -0.30	13.24 -0.12 -0.24	13.19 -0.13 -0.21	13.17 -0.13 -0.22	13.20 -0.12 -0.21	13.88 -0.08 -0.19	14.00 -0.10 -0.21	13.96 -0.08 -0.25	15.24 -0.14 -0.13	15.98 -0.18 -0.11	15.78 -0.21 -0.12	16.54 -0.23 -0.09	16.67 -0.24 -0.08	16.22 -0.25 -0.10	16.47 -0.25 -0.09	16.31 -0.21 -0.10	17.20 -0.24 -0.14	19.29 -0.15 -0.26	22.10 -0.11 -0.37	20.45 -0.06 -0.43	21.97 0.00 -0.49	20.01 -0.06 -0.35	18.90 -0.09 -0.12	15.75 -0.03 -0.19

HDSNBRDG_115KV_BRDG_TB1 355580	13.68 -0.26 -0.80	13.45 -0.30 -0.63	13.35 -0.33 -0.57	13.31 -0.35 -0.58	13.34 -0.33 -0.56	14.02 -0.25 -0.50	14.22 -0.22 -0.56	14.20 -0.25 -0.66	15.33 -0.27 -0.35	16.06 -0.29 -0.30	15.92 -0.27 -0.32	16.62 -0.30 -0.23	16.75 -0.29 -0.21	16.35 -0.28 -0.26	16.58 -0.28 -0.23	16.44 -0.25 -0.27	17.42 -0.26 -0.38	19.58 -0.31 -0.70	22.45 -0.37 -0.99	20.86 -0.36 -1.15	22.40 -0.39 -1.31	20.29 -0.35 -0.92	18.89 -0.30 -0.32	15.94 -0.17 -0.51
HELLGATE_13_KV_LD 55870	21.88 0.96 -7.77	20.17 0.89 -6.15	19.55 0.93 -5.51	19.61 0.90 -5.63	19.47 0.90 -5.46	19.55 0.92 -4.86	20.17 0.82 -5.47	21.05 0.83 -6.43	19.70 1.01 -3.45	20.16 1.16 -2.96	20.20 1.19 -3.15	20.14 1.23 -2.22	20.11 1.25 -2.03	20.16 1.24 -2.55	20.14 1.28 -2.23	20.23 1.22 -2.59	22.25 1.25 -3.70	27.15 1.21 -6.76	32.99 1.57 -9.58	32.61 1.39 -11.15	36.05 1.48 -13.09	30.09 1.38 -8.99	23.26 1.28 -3.10	21.59 1.00 -5.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.88 0.96 -7.77	20.17 0.89 -6.15	19.55 0.93 -5.51	19.61 0.90 -5.63	19.47 0.90 -5.46	19.55 0.92 -4.86	20.17 0.82 -5.47	21.05 0.83 -6.43	19.70 1.01 -3.45	20.16 1.16 -2.96	20.20 1.19 -3.15	20.14 1.23 -2.22	20.11 1.25 -2.03	20.16 1.24 -2.55	20.14 1.28 -2.23	20.23 1.22 -2.59	22.25 1.25 -3.70	27.15 1.21 -6.76	32.99 1.57 -9.58	32.61 1.39 -11.15	36.05 1.48 -13.09	30.09 1.38 -8.99	23.26 1.28 -3.10	21.59 1.00 -5.00
HEMPSTEAD____ 23647	21.91 1.03 -7.74	23.04 1.00 -8.92	22.04 1.00 -7.94	23.31 0.98 -9.25	21.96 0.98 -7.86	22.32 1.06 -7.48	20.68 1.01 -5.79	23.32 1.03 -8.50	19.86 1.17 -3.44	21.56 1.32 -4.20	21.30 1.27 -4.17	20.46 1.42 -2.36	22.53 1.48 -4.22	23.13 1.41 -5.35	21.31 1.45 -3.23	23.34 1.45 -5.47	25.40 1.44 -6.66	39.47 1.46 -18.83	43.70 1.75 -20.11	41.07 1.59 -19.41	47.09 1.72 -23.89	36.59 1.58 -15.29	25.24 1.53 -4.84	22.48 1.17 -5.72
HEWLETT__69_KV_BK3 55828	22.08 1.17 -7.76	23.18 1.12 -8.94	22.19 1.13 -7.95	23.46 1.11 -9.27	22.10 1.11 -7.88	22.47 1.20 -7.50	20.85 1.17 -5.80	23.48 1.17 -8.52	20.04 1.34 -3.45	21.77 1.51 -4.21	21.50 1.46 -4.18	20.59 1.54 -2.36	22.59 1.53 -4.23	23.23 1.51 -5.36	21.41 1.55 -3.24	23.38 1.48 -5.48	25.51 1.54 -6.67	39.67 1.63 -18.85	43.84 1.86 -20.14	41.19 1.67 -19.45	47.23 1.80 -23.95	36.82 1.77 -15.32	25.39 1.66 -4.85	22.67 1.34 -5.74
HICKLING___1 23621	15.02 0.05 -1.82	14.55 -0.01 -1.44	14.36 -0.04 -1.29	14.28 -0.12 -1.32	14.32 -0.07 -1.28	15.05 0.14 -1.14	15.35 0.18 -1.28	15.42 0.12 -1.51	16.16 0.11 -0.81	16.85 0.11 -0.69	16.73 0.13 -0.74	17.33 0.12 -0.52	17.44 0.13 -0.48	17.09 0.13 -0.60	17.29 0.13 -0.52	17.19 0.16 -0.61	18.38 0.21 -0.87	21.00 0.23 -1.58	24.24 0.15 -2.25	22.81 0.12 -2.61	24.58 0.11 -2.99	21.92 0.10 -2.11	19.77 0.17 -0.73	17.08 0.31 -1.17
HICKLING___2 23622	15.02 0.05 -1.82	14.55 -0.01 -1.44	14.36 -0.04 -1.29	14.28 -0.12 -1.32	14.32 -0.07 -1.28	15.05 0.14 -1.14	15.35 0.18 -1.28	15.42 0.12 -1.51	16.16 0.11 -0.81	16.85 0.11 -0.69	16.73 0.13 -0.74	17.33 0.12 -0.52	17.44 0.13 -0.48	17.09 0.13 -0.60	17.29 0.13 -0.52	17.19 0.16 -0.61	18.38 0.21 -0.87	21.00 0.23 -1.58	24.24 0.15 -2.25	22.81 0.12 -2.61	24.58 0.11 -2.99	21.92 0.10 -2.11	19.77 0.17 -0.73	17.08 0.31 -1.17
HIGH FALLS___HY 23754	22.01 1.16 -7.71	20.32 1.09 -6.11	19.67 1.10 -5.46	19.73 1.07 -5.58	19.66 1.13 -5.42	19.82 1.23 -4.82	20.50 1.18 -5.43	21.30 1.12 -6.39	19.89 1.22 -3.42	20.30 1.32 -2.94	20.24 1.25 -3.12	20.21 1.32 -2.20	20.18 1.33 -2.02	20.24 1.34 -2.53	20.21 1.36 -2.22	20.37 1.38 -2.57	22.45 1.47 -3.68	27.38 1.48 -6.71	33.10 1.75 -9.52	32.73 1.59 -11.07	36.17 1.89 -12.80	30.36 1.72 -8.92	23.62 1.66 -3.08	21.90 1.34 -4.96
HILLBURN___GT 23639	21.18 0.80 -7.23	19.61 0.76 -5.73	18.99 0.76 -5.13	19.06 0.75 -5.24	18.96 0.76 -5.09	19.11 0.81 -4.53	19.76 0.78 -5.10	20.57 0.79 -5.99	19.39 0.93 -3.21	19.83 1.03 -2.76	19.82 1.03 -2.93	19.82 1.07 -2.07	19.82 1.09 -1.90	19.81 1.06 -2.38	19.81 1.10 -2.08	19.92 1.08 -2.41	21.84 1.09 -3.45	26.62 1.13 -6.30	32.12 1.35 -8.93	31.67 1.20 -10.39	34.98 1.33 -12.17	29.30 1.20 -8.37	22.90 1.13 -2.89	21.17 0.92 -4.66
HILLSIDE_115KV_TB1 80332	14.87 -0.12 -1.84	14.41 -0.17 -1.45	14.21 -0.20 -1.30	14.15 -0.26 -1.33	14.19 -0.21 -1.29	14.88 -0.04 -1.15	15.18 0.00 -1.29	15.27 -0.04 -1.52	15.99 -0.08 -0.81	16.66 -0.08 -0.70	16.51 -0.10 -0.74	17.10 -0.12 -0.52	17.21 -0.10 -0.48	16.87 -0.10 -0.60	17.06 -0.10 -0.53	16.99 -0.05 -0.61	18.12 -0.05 -0.88	20.73 -0.06 -1.60	23.93 -0.17 -2.27	22.53 -0.18 -2.64	24.28 -0.21 -3.02	21.67 -0.18 -2.13	19.50 -0.11 -0.73	16.85 0.08 -1.18
HISHELDN_WT_PWR 323625	14.10 -0.46 -1.41	13.70 -0.54 -1.12	13.54 -0.56 -1.00	13.42 -0.68 -1.02	13.51 -0.59 -0.99	14.34 -0.32 -0.88	14.63 -0.25 -0.99	14.56 -0.40 -1.17	15.37 -0.50 -0.63	16.08 -0.50 -0.54	15.99 -0.44 -0.57	16.56 -0.53 -0.40	16.57 -0.62 -0.37	16.32 -0.51 -0.46	16.49 -0.55 -0.41	16.30 -0.59 -0.47	17.45 -0.52 -0.67	19.80 -0.61 -1.23	22.57 -1.00 -1.74	21.18 -0.92 -2.02	22.68 -1.09 -2.29	20.44 -0.91 -1.63	18.74 -0.70 -0.56	16.23 -0.27 -0.91
HOLTSVILLE_IC_1 23690	22.04 1.16 -7.74	23.21 1.17 -8.92	22.22 1.18 -7.94	23.51 1.18 -9.25	22.14 1.17 -7.86	22.52 1.27 -7.48	20.89 1.22 -5.79	23.53 1.24 -8.50	20.06 1.37 -3.44	21.77 1.52 -4.20	21.44 1.41 -4.17	20.65 1.60 -2.36	22.73 1.68 -4.22	23.32 1.60 -5.35	21.51 1.65 -3.23	23.55 1.66 -5.47	25.61 1.64 -6.66	39.70 1.69 -18.83	44.04 2.10 -20.11	41.33 1.85 -19.41	47.37 2.00 -23.89	36.83 1.81 -15.29	25.60 1.89 -4.84	22.72 1.40 -5.72
HOLTSVILLE_IC_10 23699	22.10 1.21 -7.74	23.26 1.22 -8.92	22.26 1.22 -7.94	23.55 1.22 -9.25	22.18 1.21 -7.86	22.56 1.31 -7.48	20.93 1.26 -5.79	23.57 1.28 -8.50	20.10 1.42 -3.44	21.82 1.57 -4.20	21.49 1.46 -4.17	20.73 1.68 -2.36	22.82 1.77 -4.22	23.40 1.69 -5.35	21.59 1.73 -3.23	23.65 1.76 -5.47	25.71 1.75 -6.66	39.84 1.82 -18.83	44.20 2.25 -20.11	41.47 1.99 -19.41	47.52 2.15 -23.89	36.97 1.95 -15.29	25.72 2.00 -4.84	22.78 1.47 -5.72
HOLTSVILLE_IC_2 23691	22.04 1.16 -7.74	23.21 1.17 -8.92	22.22 1.18 -7.94	23.51 1.18 -9.25	22.14 1.17 -7.86	22.52 1.27 -7.48	20.89 1.22 -5.79	23.53 1.24 -8.50	20.06 1.37 -3.44	21.77 1.52 -4.20	21.44 1.41 -4.17	20.65 1.60 -2.36	22.73 1.68 -4.22	23.32 1.60 -5.35	21.51 1.65 -3.23	23.55 1.66 -5.47	25.61 1.64 -6.66	39.70 1.69 -18.83	44.04 2.10 -20.11	41.33 1.85 -19.41	47.37 2.00 -23.89	36.83 1.81 -15.29	25.60 1.89 -4.84	22.72 1.40 -5.72
HOLTSVILLE_IC_3 23692	22.04 1.16 -7.74	23.21 1.17 -8.92	22.22 1.18 -7.94	23.51 1.18 -9.25	22.14 1.17 -7.86	22.52 1.27 -7.48	20.89 1.22 -5.79	23.53 1.24 -8.50	20.06 1.37 -3.44	21.77 1.52 -4.20	21.44 1.41 -4.17	20.65 1.60 -2.36	22.73 1.68 -4.22	23.32 1.60 -5.35	21.51 1.65 -3.23	23.55 1.66 -5.47	25.61 1.64 -6.66	39.70 1.69 -18.83	44.04 2.10 -20.11	41.33 1.85 -19.41	47.37 2.00 -23.89	36.83 1.81 -15.29	25.60 1.89 -4.84	22.72 1.40 -5.72

HOLTSVILLE_IC_4 23693	22.04 1.16 -7.74	23.21 1.17 -8.92	22.22 1.18 -7.94	23.51 1.18 -9.25	22.14 1.17 -7.86	22.52 1.27 -7.48	20.89 1.22 -5.79	23.53 1.24 -8.50	20.06 1.37 -3.44	21.77 1.52 -4.20	21.44 1.41 -4.17	20.65 1.60 -2.36	22.73 1.68 -4.22	23.32 1.60 -5.35	21.51 1.65 -3.23	23.55 1.66 -5.47	25.61 1.64 -6.66	39.70 1.69 -18.83	44.04 2.10 -20.11	41.33 1.85 -19.41	47.37 2.00 -23.89	36.83 1.81 -15.29	25.60 1.89 -4.84	22.72 1.40 -5.72
HOLTSVILLE_IC_5 23694	22.04 1.16 -7.74	23.21 1.17 -8.92	22.22 1.18 -7.94	23.51 1.18 -9.25	22.14 1.17 -7.86	22.52 1.27 -7.48	20.89 1.22 -5.79	23.53 1.24 -8.50	20.06 1.37 -3.44	21.77 1.52 -4.20	21.44 1.41 -4.17	20.65 1.60 -2.36	22.73 1.68 -4.22	23.32 1.60 -5.35	21.51 1.65 -3.23	23.55 1.66 -5.47	25.61 1.64 -6.66	39.70 1.69 -18.83	44.04 2.10 -20.11	41.33 1.85 -19.41	47.37 2.00 -23.89	36.83 1.81 -15.29	25.60 1.89 -4.84	22.72 1.40 -5.72
HOLTSVILLE_IC_6 23695	22.10 1.21 -7.74	23.26 1.22 -8.92	22.26 1.22 -7.94	23.55 1.22 -9.25	22.18 1.21 -7.86	22.56 1.31 -7.48	20.93 1.26 -5.79	23.57 1.28 -8.50	20.10 1.42 -3.44	21.82 1.57 -4.20	21.49 1.46 -4.17	20.73 1.68 -2.36	22.82 1.77 -4.22	23.40 1.69 -5.35	21.59 1.73 -3.23	23.65 1.76 -5.47	25.71 1.75 -6.66	39.84 1.82 -18.83	44.20 2.25 -20.11	41.47 1.99 -19.41	47.52 2.15 -23.89	36.97 1.95 -15.29	25.72 2.00 -4.84	22.78 1.47 -5.72
HOLTSVILLE_IC_7 23696	22.10 1.21 -7.74	23.26 1.22 -8.92	22.26 1.22 -7.94	23.55 1.22 -9.25	22.18 1.21 -7.86	22.56 1.31 -7.48	20.93 1.26 -5.79	23.57 1.28 -8.50	20.10 1.42 -3.44	21.82 1.57 -4.20	21.49 1.46 -4.17	20.73 1.68 -2.36	22.82 1.77 -4.22	23.40 1.69 -5.35	21.59 1.73 -3.23	23.65 1.76 -5.47	25.71 1.75 -6.66	39.84 1.82 -18.83	44.20 2.25 -20.11	41.47 1.99 -19.41	47.52 2.15 -23.89	36.97 1.95 -15.29	25.72 2.00 -4.84	22.78 1.47 -5.72
HOLTSVILLE_IC_8 23697	22.10 1.21 -7.74	23.26 1.22 -8.92	22.26 1.22 -7.94	23.55 1.22 -9.25	22.18 1.21 -7.86	22.56 1.31 -7.48	20.93 1.26 -5.79	23.57 1.28 -8.50	20.10 1.42 -3.44	21.82 1.57 -4.20	21.49 1.46 -4.17	20.73 1.68 -2.36	22.82 1.77 -4.22	23.40 1.69 -5.35	21.59 1.73 -3.23	23.65 1.76 -5.47	25.71 1.75 -6.66	39.84 1.82 -18.83	44.20 2.25 -20.11	41.47 1.99 -19.41	47.52 2.15 -23.89	36.97 1.95 -15.29	25.72 2.00 -4.84	22.78 1.47 -5.72
HOLTSVILLE_IC_9 23698	22.10 1.21 -7.74	23.26 1.22 -8.92	22.26 1.22 -7.94	23.55 1.22 -9.25	22.18 1.21 -7.86	22.56 1.31 -7.48	20.93 1.26 -5.79	23.57 1.28 -8.50	20.10 1.42 -3.44	21.82 1.57 -4.20	21.49 1.46 -4.17	20.73 1.68 -2.36	22.82 1.77 -4.22	23.40 1.69 -5.35	21.59 1.73 -3.23	23.65 1.76 -5.47	25.71 1.75 -6.66	39.84 1.82 -18.83	44.20 2.25 -20.11	41.47 1.99 -19.41	47.52 2.15 -23.89	36.97 1.95 -15.29	25.72 2.00 -4.84	22.78 1.47 -5.72
HOMER_HL_115KV_TB2 355744	14.10 -0.54 -1.49	13.68 -0.62 -1.18	13.52 -0.64 -1.05	13.41 -0.75 -1.08	13.50 -0.66 -1.05	14.25 -0.45 -0.93	14.54 -0.39 -1.05	14.60 -0.43 -1.23	15.38 -0.53 -0.66	16.08 -0.53 -0.57	15.94 -0.52 -0.60	16.56 -0.55 -0.43	16.65 -0.57 -0.39	16.30 -0.56 -0.49	16.46 -0.60 -0.43	16.38 -0.54 -0.50	17.46 -0.55 -0.71	19.87 -0.61 -1.30	22.76 -0.92 -1.84	21.33 -0.88 -2.14	22.94 -0.99 -2.45	20.55 -0.89 -1.72	18.72 -0.76 -0.59	16.18 -0.37 -0.96
HOWARD_WT_PWR 323690	14.80 0.03 -1.62	14.36 -0.05 -1.29	14.17 -0.09 -1.15	14.06 -0.20 -1.18	14.13 -0.12 -1.14	14.91 0.12 -1.02	15.21 0.18 -1.14	15.23 0.10 -1.35	16.03 0.06 -0.72	16.73 0.06 -0.62	16.60 0.08 -0.66	17.17 0.02 -0.46	17.20 -0.05 -0.43	16.92 0.02 -0.53	17.10 0.00 -0.47	16.95 -0.02 -0.54	18.15 0.07 -0.77	20.70 0.10 -1.41	23.80 -0.04 -2.01	22.37 -0.04 -2.33	24.04 -0.09 -2.65	21.56 -0.04 -1.88	19.56 0.04 -0.65	16.93 0.30 -1.05
HQ_GEN_CEDARS 23644	13.14 -0.08 -0.07	13.15 -0.03 -0.05	13.14 -0.01 -0.05	13.13 0.00 -0.05	13.13 -0.03 -0.05	13.72 -0.10 -0.04	13.78 -0.15 -0.05	13.76 -0.08 -0.05	15.00 -0.27 -0.03	15.76 -0.30 -0.03	15.56 -0.33 -0.03	16.37 -0.33 -0.02	16.49 -0.35 -0.02	16.04 -0.34 -0.02	16.30 -0.35 -0.02	16.10 -0.34 -0.02	16.95 -0.38 -0.03	18.86 -0.38 -0.06	21.57 -0.35 -0.08	19.89 -0.28 -0.09	21.26 -0.32 -0.11	19.48 -0.32 -0.08	18.54 -0.36 -0.03	15.32 -0.31 -0.04
HQ_GEN_CEDARS_PROXY 323590	13.07 -0.08 0.00	13.10 -0.03 0.00	13.10 -0.01 0.00	13.08 0.00 0.00	13.08 -0.03 0.00	13.68 -0.10 0.00	13.73 -0.15 0.00	13.71 -0.08 0.00	14.97 -0.27 0.00	15.74 -0.31 0.00	15.54 -0.32 0.00	16.36 -0.33 0.00	16.49 -0.34 0.00	16.02 -0.34 0.00	16.28 -0.35 0.00	16.06 -0.36 0.00	16.92 -0.38 0.00	18.80 -0.38 0.00	21.49 -0.35 0.00	19.79 -0.28 0.00	21.16 -0.32 0.00	19.40 -0.32 0.00	18.52 -0.36 0.00	15.28 -0.31 0.00
HQ_GEN_IMPORT 323601	13.03 -0.12 0.00	13.03 -0.09 0.00	13.03 -0.08 0.00	13.03 -0.05 0.00	13.03 -0.08 0.00	13.62 -0.15 0.00	13.73 -0.15 0.00	13.65 -0.14 0.00	15.05 -0.20 0.00	15.82 -0.22 0.00	15.64 -0.22 0.00	16.46 -0.23 0.00	16.59 -0.24 0.00	16.14 -0.23 0.00	16.40 -0.23 0.00	16.18 -0.25 0.00	17.04 -0.26 0.00	18.92 -0.27 0.00	21.55 -0.28 0.00	19.83 -0.24 0.00	21.20 -0.28 0.00	19.46 -0.26 0.00	18.61 -0.26 0.00	15.36 -0.23 0.00
HQ_GEN_WHEEL 23651	13.03 -0.12 0.00	13.03 -0.09 0.00	13.03 -0.08 0.00	13.03 -0.05 0.00	13.03 -0.08 0.00	13.62 -0.15 0.00	13.73 -0.15 0.00	13.65 -0.14 0.00	15.05 -0.20 0.00	15.82 -0.22 0.00	15.64 -0.22 0.00	16.46 -0.23 0.00	16.59 -0.24 0.00	16.14 -0.23 0.00	16.40 -0.23 0.00	16.18 -0.25 0.00	17.04 -0.26 0.00	18.92 -0.27 0.00	21.55 -0.28 0.00	19.83 -0.24 0.00	21.20 -0.28 0.00	19.46 -0.26 0.00	18.61 -0.26 0.00	15.36 -0.23 0.00
HUDSON_AVE_GT_3 23810	21.79 0.91 -7.74	20.12 0.87 -6.13	19.47 0.88 -5.48	19.53 0.85 -5.60	19.40 0.85 -5.44	19.54 0.92 -4.84	20.20 0.86 -5.45	21.10 0.90 -6.41	19.74 1.05 -3.44	20.20 1.20 -2.95	20.19 1.19 -3.13	20.18 1.29 -2.21	20.18 1.33 -2.03	20.19 1.28 -2.54	20.19 1.33 -2.23	20.30 1.30 -2.58	22.27 1.28 -3.69	27.21 1.29 -6.74	33.01 1.62 -9.55	32.61 1.43 -11.11	36.06 1.55 -13.03	30.08 1.40 -8.96	23.29 1.32 -3.09	21.60 1.03 -4.98
HUDSON_AVE_GT_4 23540	21.79 0.91 -7.74	20.12 0.87 -6.13	19.47 0.88 -5.48	19.53 0.85 -5.60	19.40 0.85 -5.44	19.54 0.92 -4.84	20.20 0.86 -5.45	21.10 0.90 -6.41	19.74 1.05 -3.44	20.20 1.20 -2.95	20.19 1.19 -3.13	20.18 1.29 -2.21	20.18 1.33 -2.03	20.19 1.28 -2.54	20.19 1.33 -2.23	20.30 1.30 -2.58	22.27 1.28 -3.69	27.21 1.29 -6.74	33.01 1.62 -9.55	32.61 1.43 -11.11	36.06 1.55 -13.03	30.08 1.40 -8.96	23.29 1.32 -3.09	21.60 1.03 -4.98
HUDSON_AVE_GT_5 23657	21.79 0.91 -7.74	20.12 0.87 -6.13	19.47 0.88 -5.48	19.53 0.85 -5.60	19.40 0.85 -5.44	19.54 0.92 -4.84	20.20 0.86 -5.45	21.10 0.90 -6.41	19.74 1.05 -3.44	20.20 1.20 -2.95	20.19 1.19 -3.13	20.18 1.29 -2.21	20.18 1.33 -2.03	20.19 1.28 -2.54	20.19 1.33 -2.23	20.30 1.30 -2.58	22.27 1.28 -3.69	27.21 1.29 -6.74	33.01 1.62 -9.55	32.61 1.43 -11.11	36.06 1.55 -13.03	30.08 1.40 -8.96	23.29 1.32 -3.09	21.60 1.03 -4.98

HUDSON_AVE_10 24168	21.76 0.85 -7.76	20.06 0.79 -6.15	19.44 0.83 -5.50	19.50 0.80 -5.62	19.37 0.80 -5.46	19.51 0.88 -4.86	20.17 0.82 -5.47	21.08 0.86 -6.43	19.72 1.02 -3.45	20.18 1.17 -2.96	20.18 1.17 -3.14	20.14 1.23 -2.22	20.09 1.23 -2.03	20.14 1.23 -2.55	20.13 1.26 -2.23	20.21 1.20 -2.59	22.21 1.21 -3.70	27.15 1.21 -6.76	32.95 1.53 -9.58	32.57 1.35 -11.15	36.00 1.44 -13.09	30.05 1.34 -8.99	23.24 1.26 -3.10	21.56 0.97 -5.00
HUDSON___115KV_TB 4 355613	23.16 0.33 -9.68	21.11 0.31 -7.67	20.28 0.31 -6.86	20.38 0.29 -7.01	20.25 0.33 -6.81	20.20 0.37 -6.06	21.13 0.43 -6.82	22.19 0.37 -8.02	20.08 0.53 -4.30	20.27 0.53 -3.70	20.28 0.49 -3.92	19.97 0.52 -2.77	19.90 0.54 -2.54	20.06 0.51 -3.18	19.91 0.50 -2.78	20.14 0.49 -3.23	22.49 0.57 -4.62	28.23 0.61 -8.43	34.47 0.68 -11.95	34.62 0.64 -13.90	37.72 0.73 -15.52	31.58 0.65 -11.21	23.38 0.64 -3.86	22.25 0.42 -6.23
HUNTER MOUNT___DRP 323613	22.72 0.30 -9.27	20.77 0.30 -7.35	19.96 0.29 -6.57	20.05 0.26 -6.71	19.94 0.31 -6.52	19.94 0.37 -5.80	20.86 0.44 -6.53	21.83 0.36 -7.68	19.88 0.52 -4.11	20.10 0.51 -3.54	20.11 0.49 -3.75	19.85 0.52 -2.65	19.81 0.56 -2.43	19.94 0.52 -3.05	19.78 0.48 -2.67	19.97 0.46 -3.09	22.28 0.55 -4.42	27.85 0.59 -8.07	33.89 0.61 -11.44	33.99 0.60 -13.31	37.19 0.75 -14.96	31.10 0.65 -10.73	23.24 0.66 -3.70	21.97 0.41 -5.97
HUNTINGTON_RES_REC 323705	22.06 1.17 -7.74	23.20 1.15 -8.92	22.21 1.17 -7.94	23.48 1.15 -9.25	22.13 1.15 -7.86	22.50 1.24 -7.48	20.86 1.19 -5.79	23.50 1.21 -8.50	20.04 1.36 -3.44	21.77 1.52 -4.20	21.44 1.41 -4.17	20.66 1.62 -2.36	22.75 1.70 -4.22	23.34 1.62 -5.35	21.54 1.68 -3.23	23.59 1.69 -5.47	25.68 1.71 -6.66	39.80 1.78 -18.83	44.11 2.16 -20.11	41.41 1.93 -19.41	47.43 2.06 -23.89	36.89 1.87 -15.29	25.60 1.89 -4.84	22.70 1.39 -5.72
HUNTLEY___63 23557	13.79 -0.60 -1.24	13.42 -0.68 -0.99	13.28 -0.71 -0.88	13.14 -0.84 -0.90	13.26 -0.72 -0.87	14.12 -0.43 -0.78	14.40 -0.36 -0.88	14.30 -0.52 -1.03	15.11 -0.69 -0.55	15.83 -0.69 -0.47	15.67 -0.70 -0.50	16.31 -0.73 -0.36	16.43 -0.72 -0.33	16.05 -0.72 -0.41	16.22 -0.76 -0.36	16.16 -0.67 -0.41	17.15 -0.74 -0.59	19.39 -0.88 -1.08	22.00 -1.38 -1.53	20.58 -1.28 -1.79	22.06 -1.46 -2.04	19.94 -1.22 -1.44	18.41 -0.96 -0.50	15.97 -0.42 -0.80
HUNTLEY___64 23558	13.79 -0.60 -1.24	13.42 -0.68 -0.99	13.28 -0.71 -0.88	13.14 -0.84 -0.90	13.26 -0.72 -0.87	14.12 -0.43 -0.78	14.40 -0.36 -0.88	14.30 -0.52 -1.03	15.11 -0.69 -0.55	15.83 -0.69 -0.47	15.67 -0.70 -0.50	16.31 -0.73 -0.36	16.43 -0.72 -0.33	16.05 -0.72 -0.41	16.22 -0.76 -0.36	16.16 -0.67 -0.41	17.15 -0.74 -0.59	19.39 -0.88 -1.08	22.00 -1.38 -1.53	20.58 -1.28 -1.79	22.06 -1.46 -2.04	19.94 -1.22 -1.44	18.41 -0.96 -0.50	15.97 -0.42 -0.80
HUNTLEY___65 23559	13.79 -0.60 -1.24	13.42 -0.68 -0.99	13.28 -0.71 -0.88	13.14 -0.84 -0.90	13.26 -0.72 -0.87	14.12 -0.43 -0.78	14.40 -0.36 -0.88	14.30 -0.52 -1.03	15.11 -0.69 -0.55	15.83 -0.69 -0.47	15.67 -0.70 -0.50	16.31 -0.73 -0.36	16.43 -0.72 -0.33	16.05 -0.72 -0.41	16.22 -0.76 -0.36	16.16 -0.67 -0.41	17.15 -0.74 -0.59	19.39 -0.88 -1.08	22.00 -1.38 -1.53	20.58 -1.28 -1.79	22.06 -1.46 -2.04	19.94 -1.22 -1.44	18.41 -0.96 -0.50	15.97 -0.42 -0.80
HUNTLEY___66 23560	13.79 -0.60 -1.24	13.42 -0.68 -0.99	13.28 -0.71 -0.88	13.14 -0.84 -0.90	13.26 -0.72 -0.87	14.12 -0.43 -0.78	14.40 -0.36 -0.88	14.30 -0.52 -1.03	15.11 -0.69 -0.55	15.83 -0.69 -0.47	15.67 -0.70 -0.50	16.31 -0.73 -0.36	16.43 -0.72 -0.33	16.05 -0.72 -0.41	16.22 -0.76 -0.36	16.16 -0.67 -0.41	17.15 -0.74 -0.59	19.39 -0.88 -1.08	22.00 -1.38 -1.53	20.58 -1.28 -1.79	22.06 -1.46 -2.04	19.94 -1.22 -1.44	18.41 -0.96 -0.50	15.97 -0.42 -0.80
HUNTLEY___67 23561	13.79 -0.64 -1.29	13.42 -0.72 -1.02	13.28 -0.75 -0.91	13.15 -0.86 -0.93	13.26 -0.76 -0.91	14.11 -0.47 -0.81	14.40 -0.39 -0.91	14.31 -0.55 -1.07	15.10 -0.72 -0.57	15.83 -0.71 -0.49	15.67 -0.71 -0.52	16.31 -0.75 -0.37	16.43 -0.74 -0.34	16.05 -0.74 -0.42	16.22 -0.78 -0.37	16.16 -0.69 -0.43	17.15 -0.76 -0.62	19.39 -0.92 -1.12	22.06 -1.38 -1.59	20.62 -1.30 -1.85	22.14 -1.46 -2.12	19.97 -1.24 -1.49	18.43 -0.96 -0.51	15.97 -0.45 -0.83
HUNTLEY___68 23562	13.79 -0.64 -1.29	13.42 -0.72 -1.02	13.28 -0.75 -0.91	13.15 -0.86 -0.93	13.26 -0.76 -0.91	14.11 -0.47 -0.81	14.40 -0.39 -0.91	14.31 -0.55 -1.07	15.10 -0.72 -0.57	15.83 -0.71 -0.49	15.67 -0.71 -0.52	16.31 -0.75 -0.37	16.43 -0.74 -0.34	16.05 -0.74 -0.42	16.22 -0.78 -0.37	16.16 -0.69 -0.43	17.15 -0.76 -0.62	19.39 -0.92 -1.12	22.06 -1.38 -1.59	20.62 -1.30 -1.85	22.14 -1.46 -2.12	19.97 -1.24 -1.49	18.43 -0.96 -0.51	15.97 -0.45 -0.83
HYLAND___LFGE 323620	14.77 0.25 -1.37	14.32 0.12 -1.09	14.16 0.08 -0.97	14.05 -0.03 -0.99	14.12 0.05 -0.96	14.97 0.34 -0.86	15.28 0.43 -0.97	15.10 0.18 -1.14	15.77 -0.09 -0.61	16.34 -0.22 -0.52	16.19 -0.22 -0.55	16.91 -0.17 -0.39	16.95 -0.24 -0.36	16.64 -0.18 -0.45	16.86 -0.17 -0.39	16.68 -0.20 -0.46	17.95 0.00 -0.65	20.44 0.06 -1.19	23.70 0.17 -1.69	22.44 0.40 -1.97	24.16 0.45 -2.23	21.78 0.47 -1.59	19.99 0.57 -0.55	17.10 0.62 -0.88
INDECK___CORINTH 23802	24.22 0.45 -10.62	21.96 0.42 -8.42	21.06 0.42 -7.53	21.14 0.37 -7.69	20.96 0.38 -7.47	20.85 0.43 -6.65	21.94 0.57 -7.49	23.16 0.57 -8.81	20.73 0.76 -4.72	20.90 0.80 -4.06	20.91 0.75 -4.30	20.51 0.78 -3.03	20.42 0.81 -2.78	20.56 0.70 -3.49	20.35 0.67 -3.06	20.69 0.72 -3.54	23.23 0.86 -5.07	29.43 1.00 -9.25	36.04 1.09 -13.11	36.36 1.02 -15.26	39.39 1.07 -16.84	32.96 0.95 -12.30	23.99 0.87 -4.24	23.01 0.58 -6.84
INDECK___ILION 23567	13.37 0.11 -0.12	13.31 0.09 -0.09	13.27 0.08 -0.08	13.25 0.08 -0.09	13.28 0.09 -0.08	13.97 0.12 -0.07	14.09 0.12 -0.08	14.01 0.12 -0.10	15.45 0.15 -0.05	16.25 0.16 -0.04	16.04 0.13 -0.05	16.86 0.13 -0.03	16.99 0.13 -0.03	16.54 0.13 -0.04	16.80 0.13 -0.03	16.63 0.16 -0.04	17.50 0.14 -0.06	19.44 0.15 -0.10	22.16 0.17 -0.15	20.40 0.16 -0.17	21.84 0.17 -0.19	20.03 0.18 -0.14	19.09 0.17 -0.05	15.86 0.19 -0.08
INDECK___OLEAN 23982	14.10 -0.54 -1.49	13.68 -0.62 -1.18	13.52 -0.64 -1.06	13.41 -0.75 -1.08	13.50 -0.66 -1.05	14.25 -0.45 -0.93	14.54 -0.39 -1.05	14.60 -0.43 -1.23	15.39 -0.52 -0.66	16.08 -0.53 -0.57	15.97 -0.49 -0.60	16.56 -0.55 -0.43	16.58 -0.64 -0.39	16.30 -0.56 -0.49	16.46 -0.60 -0.43	16.31 -0.61 -0.50	17.46 -0.55 -0.71	19.87 -0.61 -1.30	22.76 -0.92 -1.84	21.33 -0.88 -2.14	22.89 -1.01 -2.43	20.58 -0.87 -1.72	18.72 -0.76 -0.59	16.18 -0.37 -0.96
INDECK___OSWEGO 23783	13.42 -0.45 -0.72	13.21 -0.49 -0.57	13.12 -0.50 -0.51	13.07 -0.54 -0.52	13.10 -0.51 -0.51	13.78 -0.44 -0.45	13.96 -0.43 -0.51	13.93 -0.45 -0.60	15.07 -0.50 -0.32	15.79 -0.53 -0.28	15.65 -0.51 -0.29	16.34 -0.55 -0.21	16.44 -0.57 -0.19	16.08 -0.52 -0.24	16.27 -0.57 -0.21	16.11 -0.56 -0.24	17.07 -0.57 -0.34	19.18 -0.63 -0.63	21.99 -0.74 -0.89	20.43 -0.68 -1.04	21.95 -0.71 -1.18	19.90 -0.65 -0.84	18.58 -0.59 -0.29	15.65 -0.41 -0.47

INDECK___YERKES 23781	13.81 -0.59 -1.25	13.45 -0.67 -0.99	13.30 -0.70 -0.89	13.17 -0.82 -0.91	13.28 -0.71 -0.88	14.14 -0.41 -0.78	14.42 -0.35 -0.88	14.32 -0.51 -1.04	15.15 -0.66 -0.56	15.86 -0.66 -0.48	15.77 -0.60 -0.51	16.33 -0.72 -0.36	16.33 -0.82 -0.33	16.09 -0.69 -0.41	16.24 -0.75 -0.36	16.04 -0.80 -0.42	17.17 -0.73 -0.60	19.41 -0.86 -1.09	22.03 -1.35 -1.55	20.61 -1.26 -1.80	22.04 -1.48 -2.04	19.97 -1.20 -1.45	18.43 -0.94 -0.50	15.99 -0.41 -0.81
INDIAN POINT_GT_1 24139	21.56 0.78 -7.63	19.91 0.73 -6.05	19.25 0.73 -5.41	19.33 0.72 -5.52	19.20 0.72 -5.37	19.33 0.78 -4.78	20.00 0.74 -5.38	20.88 0.76 -6.33	19.54 0.90 -3.39	19.95 1.00 -2.91	19.94 0.98 -3.09	19.94 1.07 -2.18	19.94 1.11 -2.00	19.94 1.06 -2.51	19.92 1.10 -2.20	20.05 1.08 -2.55	22.05 1.11 -3.64	26.96 1.13 -6.65	32.64 1.38 -9.42	32.26 1.22 -10.96	35.69 1.35 -12.86	29.78 1.22 -8.84	23.06 1.13 -3.05	21.38 0.87 -4.91
INDIAN POINT_GT_2 23659	21.56 0.78 -7.63	19.91 0.73 -6.05	19.25 0.73 -5.41	19.33 0.72 -5.52	19.20 0.72 -5.37	19.33 0.78 -4.78	20.00 0.74 -5.38	20.88 0.76 -6.33	19.54 0.90 -3.39	19.95 1.00 -2.91	19.94 0.98 -3.09	19.94 1.07 -2.18	19.94 1.11 -2.00	19.94 1.06 -2.51	19.92 1.10 -2.20	20.05 1.08 -2.55	22.05 1.11 -3.64	26.96 1.13 -6.65	32.64 1.38 -9.42	32.26 1.22 -10.96	35.69 1.35 -12.86	29.78 1.22 -8.84	23.06 1.13 -3.05	21.38 0.87 -4.91
INDIAN POINT_GT_3 24019	21.56 0.78 -7.63	19.91 0.73 -6.05	19.25 0.73 -5.41	19.33 0.72 -5.52	19.20 0.72 -5.37	19.33 0.78 -4.78	20.00 0.74 -5.38	20.88 0.76 -6.33	19.54 0.90 -3.39	19.95 1.00 -2.91	19.94 0.98 -3.09	19.94 1.07 -2.18	19.94 1.11 -2.00	19.94 1.06 -2.51	19.92 1.10 -2.20	20.05 1.08 -2.55	22.05 1.11 -3.64	26.96 1.13 -6.65	32.64 1.38 -9.42	32.26 1.22 -10.96	35.69 1.35 -12.86	29.78 1.22 -8.84	23.06 1.13 -3.05	21.38 0.87 -4.91
INDIAN POINT___2 23530	21.41 0.78 -7.49	19.80 0.75 -5.93	19.16 0.75 -5.31	19.23 0.73 -5.42	19.11 0.73 -5.27	19.24 0.78 -4.69	19.91 0.75 -5.28	20.77 0.77 -6.21	19.47 0.90 -3.32	19.91 1.01 -2.86	19.90 1.00 -3.03	19.91 1.08 -2.14	19.90 1.11 -1.96	19.91 1.08 -2.46	19.90 1.11 -2.15	20.02 1.10 -2.50	21.98 1.11 -3.57	26.84 1.13 -6.52	32.46 1.38 -9.24	32.05 1.22 -10.75	35.44 1.35 -12.61	29.61 1.22 -8.67	23.02 1.15 -2.99	21.30 0.89 -4.82
INDIAN POINT___3 23531	21.58 0.76 -7.67	19.91 0.71 -6.08	19.28 0.73 -5.43	19.35 0.72 -5.55	19.22 0.72 -5.39	19.36 0.78 -4.80	20.02 0.74 -5.40	20.90 0.76 -6.35	19.54 0.88 -3.40	19.97 0.99 -2.93	19.98 1.02 -3.11	19.95 1.07 -2.19	19.91 1.08 -2.01	19.95 1.06 -2.52	19.93 1.10 -2.21	20.02 1.03 -2.56	22.05 1.09 -3.66	26.98 1.11 -6.68	32.66 1.35 -9.47	32.29 1.20 -11.01	35.71 1.31 -12.92	29.80 1.20 -8.88	23.07 1.13 -3.06	21.40 0.87 -4.94
INGHAM_C_115KV_TB7 356103	13.49 0.22 -0.12	13.42 0.21 -0.09	13.39 0.20 -0.08	13.36 0.20 -0.09	13.40 0.21 -0.08	14.09 0.25 -0.07	14.22 0.25 -0.08	14.14 0.25 -0.10	15.61 0.30 -0.05	16.41 0.32 -0.04	16.18 0.27 -0.05	17.01 0.28 -0.03	17.14 0.29 -0.03	16.67 0.26 -0.04	16.93 0.27 -0.03	16.77 0.31 -0.04	17.60 0.24 -0.06	19.54 0.25 -0.10	22.29 0.31 -0.15	20.52 0.28 -0.17	21.99 0.32 -0.19	20.17 0.32 -0.14	19.26 0.34 -0.05	16.03 0.36 -0.08
IP CORINTH___1 23988	24.10 0.45 -10.50	21.87 0.42 -8.33	20.97 0.42 -7.45	21.05 0.37 -7.60	20.88 0.38 -7.39	20.77 0.43 -6.58	21.86 0.57 -7.40	23.06 0.57 -8.71	20.68 0.76 -4.66	20.86 0.80 -4.01	20.86 0.75 -4.26	20.47 0.78 -3.00	20.39 0.81 -2.75	20.52 0.70 -3.45	20.32 0.67 -3.02	20.58 0.66 -3.50	23.18 0.87 -5.01	29.33 1.00 -9.15	35.88 1.07 -12.97	36.19 1.02 -15.09	39.32 1.07 -16.77	32.83 0.95 -12.16	23.94 0.87 -4.19	22.93 0.58 -6.76
IP___TICONDEROGA 23804	24.61 0.97 -10.49	22.38 0.94 -8.31	21.47 0.93 -7.43	21.51 0.84 -7.59	21.35 0.87 -7.38	21.27 0.94 -6.56	22.48 1.21 -7.39	23.70 1.21 -8.69	21.48 1.57 -4.66	21.67 1.62 -4.00	21.54 1.43 -4.25	21.20 1.52 -3.00	21.06 1.48 -2.75	21.12 1.31 -3.45	20.86 1.21 -3.02	21.19 1.26 -3.50	23.90 1.59 -5.00	30.10 1.78 -9.13	36.73 1.94 -12.95	36.97 1.83 -15.06	40.26 2.06 -16.72	33.66 1.79 -12.14	24.71 1.64 -4.19	23.58 1.23 -6.75
ISLIP_RES_REC 323679	22.14 1.25 -7.74	23.30 1.26 -8.92	22.30 1.26 -7.94	23.57 1.24 -9.25	22.22 1.25 -7.86	22.61 1.35 -7.48	20.97 1.30 -5.79	23.61 1.32 -8.50	20.13 1.45 -3.44	21.87 1.62 -4.20	21.54 1.51 -4.17	20.78 1.74 -2.36	22.88 1.83 -4.22	23.45 1.73 -5.35	21.64 1.78 -3.23	23.70 1.81 -5.47	25.78 1.82 -6.66	39.91 1.90 -18.83	44.31 2.36 -20.11	41.57 2.09 -19.41	47.63 2.25 -23.89	37.06 2.05 -15.29	25.81 2.10 -4.84	22.83 1.51 -5.72
JAMAICA___27_KV_LOAD 355505	21.76 0.85 -7.76	20.05 0.77 -6.15	19.42 0.81 -5.50	19.49 0.78 -5.62	19.36 0.79 -5.46	19.51 0.88 -4.86	20.21 0.86 -5.47	21.13 0.91 -6.43	19.76 1.07 -3.45	20.23 1.22 -2.96	20.18 1.17 -3.14	20.14 1.23 -2.22	20.09 1.23 -2.03	20.14 1.23 -2.55	20.13 1.26 -2.23	20.21 1.20 -2.59	22.23 1.23 -3.70	27.15 1.21 -6.76	32.97 1.55 -9.58	32.59 1.37 -11.15	36.02 1.46 -13.09	30.07 1.36 -8.99	23.30 1.32 -3.10	21.57 0.98 -5.00
JANIS___SOLAR 323808	15.58 0.43 -2.00	15.07 0.37 -1.58	14.85 0.33 -1.42	14.82 0.29 -1.45	14.83 0.31 -1.41	15.50 0.48 -1.25	15.81 0.51 -1.41	15.92 0.47 -1.66	16.56 0.43 -0.89	17.10 0.29 -0.76	16.91 0.24 -0.81	17.48 0.22 -0.57	17.54 0.19 -0.52	17.22 0.20 -0.66	17.45 0.25 -0.58	17.35 0.26 -0.67	18.63 0.38 -0.95	21.52 0.60 -1.74	25.09 0.79 -2.47	23.73 0.78 -2.87	25.64 0.90 -3.26	22.80 0.77 -2.32	20.37 0.70 -0.80	17.60 0.72 -1.29
JARVIS____ 23743	13.14 -0.01 0.00	13.10 -0.03 0.00	13.08 -0.03 0.00	13.04 -0.04 0.00	13.08 -0.03 0.00	13.76 -0.01 0.00	13.88 0.00 0.00	13.78 -0.01 0.00	15.25 0.00 0.00	16.04 0.00 0.00	15.86 0.00 0.00	16.69 0.00 0.00	16.83 0.00 0.00	16.37 0.00 0.00	16.65 0.02 0.00	16.44 0.02 0.00	17.32 0.02 0.00	19.21 0.02 0.00	21.86 0.02 0.00	20.08 0.00 0.00	21.50 0.02 0.00	19.74 0.02 0.00	18.88 0.00 0.00	15.61 0.02 0.00
JENNISON___1 23625	15.73 0.55 -2.03	15.20 0.47 -1.61	14.99 0.45 -1.44	14.96 0.41 -1.47	14.97 0.43 -1.43	15.64 0.59 -1.27	15.94 0.62 -1.43	16.10 0.62 -1.68	16.78 0.63 -0.90	17.43 0.61 -0.78	17.24 0.56 -0.82	17.84 0.57 -0.58	17.93 0.57 -0.53	17.57 0.54 -0.67	17.81 0.60 -0.58	17.74 0.64 -0.68	18.93 0.66 -0.97	21.80 0.84 -1.77	25.35 1.00 -2.51	23.92 0.92 -2.92	25.88 1.05 -3.35	22.98 0.91 -2.35	20.52 0.83 -0.81	17.71 0.81 -1.31
JENNISON___2 23626	15.73 0.55 -2.03	15.20 0.47 -1.61	14.99 0.45 -1.44	14.96 0.41 -1.47	14.97 0.43 -1.43	15.64 0.59 -1.27	15.94 0.62 -1.43	16.10 0.62 -1.68	16.78 0.63 -0.90	17.43 0.61 -0.78	17.24 0.56 -0.82	17.84 0.57 -0.58	17.93 0.57 -0.53	17.57 0.54 -0.67	17.81 0.60 -0.58	17.74 0.64 -0.68	18.93 0.66 -0.97	21.80 0.84 -1.77	25.35 1.00 -2.51	23.92 0.92 -2.92	25.88 1.05 -3.35	22.98 0.91 -2.35	20.52 0.83 -0.81	17.71 0.81 -1.31

JERICO_RISE_WT_PWR 323719	12.90 -0.25 0.00	12.95 -0.17 0.00	12.99 -0.12 0.00	13.02 -0.07 0.00	13.03 -0.08 0.00	13.63 -0.14 0.00	13.76 -0.13 0.00	13.75 -0.04 0.00	15.16 -0.09 0.00	15.96 -0.08 0.00	15.77 -0.09 0.00	16.66 -0.03 0.00	16.71 -0.12 0.00	16.15 -0.21 0.00	16.40 -0.23 0.00	16.14 -0.28 0.00	17.04 -0.26 0.00	18.98 -0.21 0.00	21.77 -0.07 0.00	20.03 -0.04 0.00	21.44 -0.04 0.00	19.62 -0.10 0.00	18.69 -0.19 0.00	15.33 -0.27 0.00
KATONAH__115KV_46KV_TB4 355592	21.87 0.82 -7.91	20.15 0.76 -6.27	19.49 0.77 -5.61	19.57 0.76 -5.73	19.42 0.75 -5.56	19.53 0.81 -4.95	20.22 0.76 -5.57	21.12 0.77 -6.56	19.66 0.90 -3.51	20.06 0.99 -3.02	20.11 1.05 -3.20	20.03 1.08 -2.26	20.01 1.11 -2.07	20.05 1.08 -2.60	20.04 1.13 -2.28	20.13 1.07 -2.64	22.25 1.18 -3.77	27.28 1.21 -6.89	33.05 1.44 -9.76	32.70 1.26 -11.36	36.19 1.37 -13.33	30.16 1.28 -9.16	23.22 1.19 -3.16	21.56 0.87 -5.09
KCE_NY_1 323755	24.28 0.55 -10.58	22.04 0.54 -8.38	21.13 0.52 -7.50	21.24 0.50 -7.66	21.06 0.51 -7.44	20.94 0.55 -6.62	21.99 0.65 -7.46	23.19 0.63 -8.77	20.75 0.81 -4.70	20.93 0.85 -4.04	20.94 0.79 -4.29	20.54 0.83 -3.02	20.47 0.87 -2.77	20.63 0.79 -3.48	20.44 0.77 -3.04	20.77 0.82 -3.53	23.26 0.92 -5.05	29.45 1.05 -9.21	36.03 1.13 -13.06	36.33 1.06 -15.19	39.34 1.12 -16.74	32.97 1.01 -12.25	24.06 0.96 -4.22	23.11 0.70 -6.81
KCE_NY_6_ESR 323823	13.94 -0.54 -1.33	13.56 -0.62 -1.05	13.41 -0.64 -0.94	13.27 -0.77 -0.96	13.39 -0.66 -0.93	14.23 -0.37 -0.83	14.51 -0.31 -0.94	14.44 -0.45 -1.10	15.27 -0.56 -0.59	15.97 -0.58 -0.51	15.89 -0.51 -0.54	16.47 -0.60 -0.38	16.47 -0.71 -0.35	16.21 -0.59 -0.44	16.38 -0.63 -0.38	16.18 -0.69 -0.44	17.33 -0.61 -0.63	19.61 -0.73 -1.16	22.32 -1.16 -1.91	20.90 -1.08 -1.91	22.37 -1.27 -2.16	20.21 -1.05 -1.54	18.60 -0.81 -0.53	16.12 -0.33 -0.85
KEDC_PORT_JEFF_GT2 24210	22.08 1.20 -7.74	23.25 1.21 -8.92	22.25 1.21 -7.94	23.53 1.20 -9.25	22.17 1.19 -7.86	22.55 1.29 -7.48	20.92 1.25 -5.79	23.56 1.27 -8.50	20.09 1.40 -3.44	21.82 1.57 -4.20	21.49 1.46 -4.17	20.70 1.65 -2.36	22.80 1.75 -4.22	23.37 1.65 -5.35	21.57 1.71 -3.23	23.62 1.72 -5.47	25.69 1.73 -6.66	39.82 1.80 -18.83	44.15 2.20 -20.11	41.37 1.89 -19.41	47.41 2.04 -23.89	36.92 1.91 -15.29	25.68 1.96 -4.84	22.76 1.45 -5.72
KEDC_PORT_JEFF_GT3 24211	22.08 1.20 -7.74	23.25 1.21 -8.92	22.25 1.21 -7.94	23.53 1.20 -9.25	22.17 1.19 -7.86	22.55 1.29 -7.48	20.92 1.25 -5.79	23.56 1.27 -8.50	20.09 1.40 -3.44	21.82 1.57 -4.20	21.49 1.46 -4.17	20.70 1.65 -2.36	22.80 1.75 -4.22	23.37 1.65 -5.35	21.57 1.71 -3.23	23.62 1.72 -5.47	25.69 1.73 -6.66	39.82 1.80 -18.83	44.15 2.20 -20.11	41.37 1.89 -19.41	47.41 2.04 -23.89	36.92 1.91 -15.29	25.68 1.96 -4.84	22.76 1.45 -5.72
KEDC_GLWD_GT4 24219	21.90 1.01 -7.74	23.03 0.98 -8.92	22.03 0.98 -7.94	23.29 0.95 -9.25	21.93 0.96 -7.86	22.30 1.05 -7.48	20.67 1.00 -5.79	23.31 1.02 -8.50	19.86 1.17 -3.44	21.56 1.32 -4.20	21.32 1.28 -4.17	20.46 1.42 -2.36	22.51 1.46 -4.22	23.13 1.41 -5.35	21.31 1.45 -3.23	23.34 1.45 -5.47	25.42 1.45 -6.66	39.51 1.50 -18.83	43.67 1.72 -20.11	41.03 1.55 -19.41	47.05 1.68 -23.89	36.61 1.60 -15.29	25.23 1.51 -4.84	22.48 1.17 -5.72
KEDC_GLWD_GT5 24220	21.90 1.01 -7.74	23.03 0.98 -8.92	22.03 0.98 -7.94	23.29 0.95 -9.25	21.93 0.96 -7.86	22.30 1.05 -7.48	20.67 1.00 -5.79	23.31 1.02 -8.50	19.86 1.17 -3.44	21.56 1.32 -4.20	21.32 1.28 -4.17	20.46 1.42 -2.36	22.51 1.46 -4.22	23.13 1.41 -5.35	21.31 1.45 -3.23	23.34 1.45 -5.47	25.42 1.45 -6.66	39.51 1.50 -18.83	43.67 1.72 -20.11	41.03 1.55 -19.41	47.05 1.68 -23.89	36.61 1.60 -15.29	25.23 1.51 -4.84	22.48 1.17 -5.72
KENSICO____ 23655	21.69 0.80 -7.74	20.01 0.76 -6.13	19.36 0.77 -5.48	19.44 0.76 -5.60	19.31 0.76 -5.44	19.44 0.83 -4.84	20.13 0.79 -5.45	21.00 0.80 -6.41	19.63 0.95 -3.43	20.06 1.06 -2.95	20.07 1.08 -3.13	20.03 1.13 -2.21	20.00 1.14 -2.03	20.04 1.13 -2.54	20.02 1.16 -2.23	20.10 1.10 -2.58	22.15 1.16 -3.69	27.11 1.19 -6.74	32.83 1.44 -9.55	32.47 1.28 -11.11	35.92 1.40 -13.04	29.96 1.28 -8.96	23.15 1.19 -3.09	21.49 0.92 -4.98
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.56 1.08 -7.34	19.95 1.01 -5.82	19.33 1.02 -5.20	19.39 0.99 -5.31	19.32 1.05 -5.16	19.51 1.14 -4.59	20.16 1.11 -5.17	20.92 1.05 -6.08	19.65 1.14 -3.26	20.08 1.24 -2.80	20.01 1.17 -2.97	20.02 1.23 -2.10	20.00 1.25 -1.92	20.02 1.24 -2.41	20.00 1.26 -2.11	20.15 1.28 -2.45	22.17 1.37 -3.50	26.98 1.40 -6.39	32.54 1.64 -9.06	32.12 1.51 -10.54	35.46 1.76 -12.23	29.81 1.60 -8.50	23.35 1.55 -2.93	21.56 1.25 -4.72
KIAC_JFK_GT1 23816	21.66 0.78 -7.74	19.99 0.73 -6.13	19.33 0.73 -5.48	19.40 0.72 -5.60	19.27 0.72 -5.44	19.43 0.81 -4.84	20.13 0.79 -5.45	21.05 0.84 -6.41	19.67 0.99 -3.44	20.12 1.12 -2.95	20.04 1.05 -3.13	20.05 1.15 -2.21	20.05 1.19 -2.03	20.05 1.15 -2.54	20.05 1.20 -2.23	20.17 1.17 -2.58	22.13 1.14 -3.69	27.05 1.13 -6.74	32.74 1.35 -9.55	32.39 1.20 -11.11	35.82 1.31 -13.03	29.94 1.26 -8.96	23.19 1.23 -3.09	21.46 0.89 -4.98
KIAC_JFK_GT2 23817	21.66 0.78 -7.74	19.99 0.73 -6.13	19.33 0.73 -5.48	19.40 0.72 -5.60	19.27 0.72 -5.44	19.43 0.81 -4.84	20.13 0.79 -5.45	21.05 0.84 -6.41	19.67 0.99 -3.44	20.12 1.12 -2.95	20.04 1.05 -3.13	20.05 1.15 -2.21	20.05 1.19 -2.03	20.05 1.15 -2.54	20.05 1.20 -2.23	20.17 1.17 -2.58	22.13 1.14 -3.69	27.05 1.13 -6.74	32.74 1.35 -9.55	32.39 1.20 -11.11	35.82 1.31 -13.03	29.94 1.26 -8.96	23.19 1.23 -3.09	21.46 0.89 -4.98
KIAC_JFK____ 323774	21.66 0.78 -7.74	19.99 0.73 -6.13	19.33 0.73 -5.48	19.40 0.72 -5.60	19.27 0.72 -5.44	19.43 0.81 -4.84	20.13 0.79 -5.45	21.05 0.84 -6.41	19.67 0.99 -3.44	20.12 1.12 -2.95	20.04 1.05 -3.13	20.05 1.15 -2.21	20.05 1.19 -2.03	20.05 1.15 -2.54	20.05 1.20 -2.23	20.17 1.17 -2.58	22.13 1.14 -3.69	27.05 1.13 -6.74	32.74 1.35 -9.55	32.39 1.20 -11.11	35.82 1.31 -13.03	29.94 1.26 -8.96	23.19 1.23 -3.09	21.46 0.89 -4.98
KINTIGH____ 23543	13.66 -0.55 -1.06	13.34 -0.62 -0.84	13.22 -0.64 -0.75	13.12 -0.73 -0.77	13.20 -0.66 -0.75	14.06 -0.37 -0.66	14.32 -0.31 -0.75	14.21 -0.46 -0.88	15.14 -0.58 -0.47	15.85 -0.59 -0.40	15.70 -0.59 -0.43	16.36 -0.63 -0.30	16.48 -0.62 -0.28	16.11 -0.61 -0.35	16.29 -0.65 -0.30	16.20 -0.57 -0.35	17.18 -0.62 -0.51	19.36 -0.75 -0.92	21.99 -1.16 -1.31	20.51 -1.08 -1.52	21.98 -1.25 -1.74	19.90 -1.05 -1.23	18.51 -0.79 -0.42	15.93 -0.34 -0.68
KNTFSRNC_46_KV_46KV_LOAD 80397	13.11 -0.09 -0.05	13.16 0.00 -0.04	13.20 0.05 -0.04	13.20 0.08 -0.04	13.21 0.07 -0.04	13.84 0.04 -0.03	13.96 0.04 -0.04	13.97 0.14 -0.04	15.38 0.11 -0.02	16.21 0.14 -0.02	16.04 0.16 -0.02	16.90 0.20 -0.01	16.96 0.12 -0.01	16.40 0.02 -0.02	16.63 -0.02 -0.01	16.34 -0.10 -0.02	17.31 -0.02 -0.02	19.33 0.10 -0.04	22.21 0.31 -0.06	20.47 0.32 -0.07	21.90 0.34 -0.08	20.01 0.24 -0.06	18.99 0.09 -0.02	15.58 -0.05 -0.03

LACHUTE___HYDRO 323717	24.72 0.97 -10.60	22.47 0.95 -8.40	21.55 0.93 -7.52	21.60 0.84 -7.68	21.43 0.86 -7.46	21.35 0.94 -6.64	22.56 1.21 -7.47	23.79 1.21 -8.79	21.53 1.57 -4.71	21.73 1.64 -4.05	21.65 1.49 -4.30	21.24 1.52 -3.03	21.09 1.48 -2.78	21.16 1.31 -3.49	20.89 1.21 -3.05	21.29 1.33 -3.54	23.95 1.59 -5.06	30.20 1.78 -9.23	36.87 1.94 -13.09	37.13 1.83 -15.23	40.34 2.06 -16.80	33.79 1.79 -12.28	24.75 1.64 -4.23	23.65 1.23 -6.83
LAWRNCV_115KV_TB1 80681	12.88 -0.38 -0.11	12.88 -0.33 -0.09	12.88 -0.30 -0.08	12.87 -0.29 -0.08	12.87 -0.31 -0.08	13.43 -0.41 -0.07	13.49 -0.47 -0.08	13.50 -0.39 -0.09	14.70 -0.59 -0.05	15.43 -0.66 -0.04	15.22 -0.68 -0.04	16.04 -0.68 -0.03	16.15 -0.71 -0.03	15.70 -0.70 -0.04	15.95 -0.72 -0.03	15.75 -0.71 -0.04	16.57 -0.78 -0.05	18.50 -0.79 -0.10	21.19 -0.79 -0.14	19.57 -0.66 -0.16	20.95 -0.71 -0.18	19.16 -0.69 -0.13	18.17 -0.76 -0.04	15.02 -0.64 -0.07
LEDERLE___ 23769	21.38 0.83 -7.40	19.78 0.79 -5.87	19.16 0.80 -5.25	19.21 0.77 -5.36	19.10 0.79 -5.21	19.26 0.85 -4.63	19.92 0.82 -5.22	20.76 0.83 -6.14	19.50 0.96 -3.29	19.95 1.07 -2.83	19.94 1.08 -3.00	19.96 1.15 -2.12	19.91 1.14 -1.94	19.95 1.15 -2.43	19.94 1.18 -2.13	20.03 1.13 -2.47	22.03 1.19 -3.53	26.84 1.21 -6.45	32.44 1.46 -9.14	32.01 1.30 -10.63	35.37 1.42 -12.47	29.59 1.30 -8.57	23.06 1.23 -2.96	21.31 0.95 -4.77
LIGHTHSE_115KV_TB6 355974	13.41 -0.36 -0.61	13.21 -0.39 -0.49	13.12 -0.42 -0.43	13.08 -0.44 -0.44	13.12 -0.42 -0.43	13.77 -0.39 -0.38	13.91 -0.40 -0.43	13.89 -0.41 -0.51	15.03 -0.49 -0.27	15.75 -0.53 -0.23	15.60 -0.51 -0.25	16.35 -0.52 -0.18	16.47 -0.52 -0.16	16.04 -0.52 -0.20	16.27 -0.53 -0.18	16.09 -0.54 -0.20	17.02 -0.57 -0.29	19.13 -0.59 -0.53	21.96 -0.63 -0.76	20.43 -0.52 -0.88	22.01 -0.47 -1.01	19.97 -0.45 -0.71	18.69 -0.43 -0.24	15.69 -0.30 -0.39
LINDEN COGEN___ 23786	21.73 0.84 -7.74	20.07 0.81 -6.13	19.40 0.81 -5.48	19.48 0.80 -5.60	19.35 0.80 -5.44	19.48 0.87 -4.84	20.14 0.80 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.17 1.17 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.15 1.30 -2.23	20.29 1.28 -2.58	22.18 1.19 -3.69	27.09 1.17 -6.74	32.88 1.49 -9.55	32.49 1.30 -11.11	35.93 1.42 -13.03	29.98 1.30 -8.96	23.17 1.21 -3.09	21.56 0.98 -4.98
LINDHRST_69_KV_BK1 356055	22.13 1.22 -7.76	23.24 1.18 -8.94	22.25 1.19 -7.95	23.53 1.18 -9.27	22.17 1.18 -7.88	22.55 1.28 -7.50	20.92 1.24 -5.80	23.55 1.24 -8.52	20.08 1.39 -3.45	21.81 1.56 -4.21	21.60 1.55 -4.18	20.69 1.64 -2.36	22.70 1.65 -4.23	23.35 1.62 -5.36	21.53 1.66 -3.24	23.43 1.53 -5.48	25.65 1.68 -6.67	39.78 1.75 -18.85	44.12 2.14 -20.14	41.45 1.93 -19.45	47.48 2.06 -23.95	36.96 1.91 -15.32	25.61 1.89 -4.85	22.76 1.43 -5.74
LIPA_MISC_IPP 23656	22.06 1.14 -7.76	23.19 1.13 -8.94	22.22 1.15 -7.95	23.51 1.16 -9.27	22.14 1.15 -7.88	22.52 1.25 -7.50	20.88 1.19 -5.80	23.54 1.23 -8.52	20.04 1.34 -3.45	21.77 1.51 -4.21	21.53 1.49 -4.18	20.60 1.55 -2.36	22.64 1.58 -4.23	23.28 1.55 -5.36	21.45 1.58 -3.24	23.37 1.46 -5.48	25.60 1.63 -6.67	39.72 1.69 -18.85	44.10 2.12 -20.14	41.41 1.89 -19.45	47.44 2.02 -23.95	36.92 1.87 -15.32	25.61 1.89 -4.85	22.73 1.40 -5.74
LISF___SOLAR 323691	22.06 1.17 -7.74	23.21 1.17 -8.92	22.22 1.18 -7.94	23.52 1.19 -9.25	22.15 1.18 -7.86	22.54 1.28 -7.48	20.89 1.22 -5.79	23.54 1.25 -8.50	20.04 1.36 -3.44	21.77 1.52 -4.20	21.43 1.40 -4.17	20.60 1.55 -2.36	22.70 1.65 -4.22	23.27 1.56 -5.35	21.46 1.60 -3.23	23.52 1.63 -5.47	25.59 1.63 -6.66	39.70 1.69 -18.83	44.07 2.12 -20.11	41.37 1.89 -19.41	47.39 2.02 -23.89	36.85 1.83 -15.29	25.62 1.91 -4.84	22.75 1.43 -5.72
LITTLE FALLS___HYD 24013	13.49 0.22 -0.12	13.42 0.21 -0.09	13.39 0.20 -0.08	13.36 0.20 -0.09	13.40 0.21 -0.08	14.09 0.25 -0.07	14.22 0.25 -0.08	14.14 0.25 -0.10	15.61 0.30 -0.05	16.41 0.32 -0.04	16.18 0.27 -0.05	17.01 0.28 -0.03	17.14 0.29 -0.03	16.67 0.26 -0.04	16.93 0.27 -0.03	16.77 0.31 -0.04	17.60 0.24 -0.06	19.54 0.25 -0.10	22.29 0.31 -0.15	20.52 0.28 -0.17	21.99 0.32 -0.19	20.17 0.32 -0.14	19.26 0.34 -0.05	16.03 0.36 -0.08
LITTLRIV_115KV_TB1 356100	12.99 -0.28 -0.12	12.99 -0.22 -0.09	12.98 -0.21 -0.08	12.98 -0.18 -0.08	12.97 -0.22 -0.08	13.53 -0.32 -0.07	13.60 -0.36 -0.08	13.60 -0.29 -0.10	14.81 -0.49 -0.05	15.54 -0.55 -0.04	15.31 -0.60 -0.05	16.12 -0.60 -0.03	16.24 -0.62 -0.03	15.77 -0.64 -0.04	16.03 -0.63 -0.03	15.85 -0.61 -0.04	16.66 -0.69 -0.06	18.62 -0.67 -0.10	21.37 -0.61 -0.14	19.74 -0.50 -0.17	21.15 -0.52 -0.19	19.32 -0.53 -0.14	18.30 -0.62 -0.05	15.15 -0.51 -0.08
LI_NEWBRDGE___DRP 323616	21.95 1.04 -7.76	23.06 1.00 -8.94	22.07 1.01 -7.95	23.34 0.99 -9.27	21.99 1.00 -7.88	22.36 1.09 -7.50	20.73 1.04 -5.80	23.36 1.05 -8.52	19.89 1.19 -3.45	21.61 1.35 -4.21	21.39 1.35 -4.18	20.47 1.42 -2.36	22.49 1.43 -4.23	23.13 1.41 -5.36	21.31 1.45 -3.24	23.23 1.33 -5.48	25.41 1.44 -6.67	39.51 1.48 -18.85	43.77 1.79 -20.14	41.13 1.61 -19.45	47.14 1.72 -23.95	36.66 1.62 -15.32	25.29 1.57 -4.85	22.53 1.20 -5.74
LOCKPORT_115KV_TB60_63_64 80432	13.68 -0.64 -1.18	13.34 -0.72 -0.94	13.18 -0.76 -0.84	13.06 -0.88 -0.85	13.17 -0.77 -0.83	14.06 -0.45 -0.74	14.31 -0.40 -0.83	14.16 -0.61 -0.98	15.00 -0.78 -0.52	15.71 -0.79 -0.45	15.55 -0.79 -0.48	16.18 -0.85 -0.34	16.30 -0.84 -0.31	15.94 -0.82 -0.39	16.10 -0.86 -0.34	16.04 -0.77 -0.39	17.02 -0.85 -0.56	19.22 -1.00 -1.03	21.81 -1.49 -1.46	20.39 -1.39 -1.70	21.85 -1.57 -1.94	19.74 -1.34 -1.37	18.31 -1.04 -0.47	15.85 -0.50 -0.76
LOCKPORT___CC1 323769	13.72 -0.64 -1.21	13.36 -0.72 -0.96	13.22 -0.75 -0.86	13.08 -0.88 -0.88	13.19 -0.77 -0.85	14.08 -0.45 -0.76	14.35 -0.39 -0.85	14.20 -0.59 -1.00	15.04 -0.75 -0.54	15.74 -0.77 -0.46	15.66 -0.70 -0.49	16.20 -0.83 -0.35	16.22 -0.93 -0.32	15.98 -0.79 -0.40	16.13 -0.85 -0.35	15.92 -0.90 -0.40	17.05 -0.83 -0.58	19.26 -0.98 -1.06	21.85 -1.49 -1.50	20.45 -1.37 -1.74	21.86 -1.59 -1.97	19.80 -1.32 -1.40	18.34 -1.02 -0.48	15.89 -0.48 -0.78
LOCKPORT___CC2 323770	13.72 -0.64 -1.21	13.36 -0.72 -0.96	13.22 -0.75 -0.86	13.08 -0.88 -0.88	13.19 -0.77 -0.85	14.08 -0.45 -0.76	14.35 -0.39 -0.85	14.20 -0.59 -1.00	15.04 -0.75 -0.54	15.74 -0.77 -0.46	15.66 -0.70 -0.49	16.20 -0.83 -0.35	16.22 -0.93 -0.32	15.98 -0.79 -0.40	16.13 -0.85 -0.35	15.92 -0.90 -0.40	17.05 -0.83 -0.58	19.26 -0.98 -1.06	21.85 -1.49 -1.50	20.45 -1.37 -1.74	21.86 -1.59 -1.97	19.80 -1.32 -1.40	18.34 -1.02 -0.48	15.89 -0.48 -0.78
LOCKPORT___CC3 323771	13.72 -0.64 -1.21	13.36 -0.72 -0.96	13.22 -0.75 -0.86	13.08 -0.88 -0.88	13.19 -0.77 -0.85	14.08 -0.45 -0.76	14.35 -0.39 -0.85	14.20 -0.59 -1.00	15.04 -0.75 -0.54	15.74 -0.77 -0.46	15.66 -0.70 -0.49	16.20 -0.83 -0.35	16.22 -0.93 -0.32	15.98 -0.79 -0.40	16.13 -0.85 -0.35	15.92 -0.90 -0.40	17.05 -0.83 -0.58	19.26 -0.98 -1.06	21.85 -1.49 -1.50	20.45 -1.37 -1.74	21.86 -1.59 -1.97	19.80 -1.32 -1.40	18.34 -1.02 -0.48	15.89 -0.48 -0.78

LONG_LAKE_PHOENIX 24014	13.45 -0.39 -0.69	13.22 -0.45 -0.55	13.14 -0.46 -0.49	13.09 -0.50 -0.50	13.12 -0.47 -0.49	13.80 -0.40 -0.43	13.98 -0.39 -0.49	13.95 -0.41 -0.57	15.10 -0.46 -0.31	15.84 -0.47 -0.26	15.68 -0.46 -0.28	16.40 -0.48 -0.20	16.52 -0.49 -0.18	16.13 -0.46 -0.23	16.33 -0.50 -0.20	16.19 -0.46 -0.23	17.15 -0.48 -0.33	19.25 -0.54 -0.60	22.04 -0.66 -0.85	20.49 -0.58 -0.99	21.99 -0.62 -1.14	19.95 -0.57 -0.80	18.64 -0.51 -0.28	15.70 -0.34 -0.45
LOVETT___3 23632	21.34 0.76 -7.43	19.73 0.72 -5.89	19.11 0.73 -5.27	19.18 0.72 -5.38	19.06 0.72 -5.23	19.21 0.78 -4.65	19.87 0.75 -5.24	20.71 0.76 -6.16	19.45 0.90 -3.30	19.88 0.99 -2.84	19.89 1.02 -3.01	19.88 1.07 -2.12	19.85 1.08 -1.95	19.87 1.06 -2.44	19.87 1.10 -2.14	19.95 1.05 -2.48	21.95 1.11 -3.55	26.79 1.13 -6.47	32.37 1.35 -9.18	31.96 1.20 -10.68	35.31 1.31 -12.52	29.55 1.22 -8.61	22.98 1.13 -2.97	21.25 0.87 -4.79
LOVETT___4 23642	21.34 0.76 -7.43	19.73 0.72 -5.89	19.11 0.73 -5.27	19.18 0.72 -5.38	19.06 0.72 -5.23	19.21 0.78 -4.65	19.87 0.75 -5.24	20.71 0.76 -6.16	19.45 0.90 -3.30	19.88 0.99 -2.84	19.89 1.02 -3.01	19.88 1.07 -2.12	19.85 1.08 -1.95	19.87 1.06 -2.44	19.87 1.10 -2.14	19.95 1.05 -2.48	21.95 1.11 -3.55	26.79 1.13 -6.47	32.37 1.35 -9.18	31.96 1.20 -10.68	35.31 1.31 -12.52	29.55 1.22 -8.61	22.98 1.13 -2.97	21.25 0.87 -4.79
LOVETT___5 23593	21.34 0.76 -7.43	19.73 0.72 -5.89	19.11 0.73 -5.27	19.18 0.72 -5.38	19.06 0.72 -5.23	19.21 0.78 -4.65	19.87 0.75 -5.24	20.71 0.76 -6.16	19.45 0.90 -3.30	19.88 0.99 -2.84	19.89 1.02 -3.01	19.88 1.07 -2.12	19.85 1.08 -1.95	19.87 1.06 -2.44	19.87 1.10 -2.14	19.95 1.05 -2.48	21.95 1.11 -3.55	26.79 1.13 -6.47	32.37 1.35 -9.18	31.96 1.20 -10.68	35.31 1.31 -12.52	29.55 1.22 -8.61	22.98 1.13 -2.97	21.25 0.87 -4.79
LOWER_RAQUET___HYD 24057	12.68 -0.47 0.00	12.69 -0.43 0.00	12.70 -0.41 0.00	12.70 -0.38 0.00	12.70 -0.41 0.00	13.26 -0.51 0.00	13.31 -0.57 0.00	13.31 -0.48 0.00	14.55 -0.70 0.00	15.27 -0.77 0.00	15.09 -0.78 0.00	15.89 -0.80 0.00	16.00 -0.82 0.00	15.53 -0.83 0.00	15.78 -0.85 0.00	15.57 -0.85 0.00	16.40 -0.90 0.00	18.27 -0.92 0.00	20.92 -0.92 0.00	19.29 -0.78 0.00	20.64 -0.84 0.00	18.91 -0.81 0.00	18.01 -0.87 0.00	14.85 -0.75 0.00
LOWER___HUDSON 24059	23.82 0.37 -10.30	21.65 0.37 -8.17	20.78 0.37 -7.30	20.89 0.35 -7.46	20.71 0.35 -7.25	20.62 0.40 -6.45	21.59 0.44 -7.26	22.76 0.43 -8.54	20.39 0.56 -4.57	20.55 0.58 -3.93	20.59 0.55 -4.17	20.22 0.58 -2.94	20.13 0.60 -2.70	20.33 0.57 -3.39	20.16 0.57 -2.96	20.45 0.59 -3.44	22.84 0.62 -4.92	28.89 0.73 -8.97	35.34 0.79 -12.72	35.62 0.74 -14.80	38.42 0.77 -16.17	32.36 0.71 -11.93	23.67 0.68 -4.11	22.73 0.50 -6.63
LOWVILLE_115KV_TB2 356335	13.26 -0.20 -0.31	13.13 -0.24 -0.25	13.08 -0.25 -0.22	13.06 -0.25 -0.23	13.08 -0.25 -0.22	13.75 -0.22 -0.20	13.87 -0.24 -0.22	13.83 -0.22 -0.26	15.05 -0.34 -0.14	15.78 -0.39 -0.12	15.59 -0.40 -0.13	16.36 -0.42 -0.09	16.47 -0.44 -0.08	16.03 -0.44 -0.10	16.25 -0.47 -0.09	16.08 -0.44 -0.10	17.00 -0.45 -0.15	19.08 -0.38 -0.27	21.92 -0.31 -0.39	20.30 -0.22 -0.45	21.82 -0.17 -0.51	19.88 -0.20 -0.36	18.74 -0.26 -0.13	15.61 -0.19 -0.20
LUTHERFT_115KV_GLOB_FND_222 355753	24.15 0.54 -10.46	21.94 0.52 -8.29	21.05 0.52 -7.41	21.15 0.50 -7.57	20.97 0.50 -7.36	20.87 0.55 -6.55	21.89 0.64 -7.37	23.10 0.63 -8.67	20.69 0.79 -4.65	20.87 0.83 -3.99	20.89 0.79 -4.24	20.51 0.83 -2.99	20.43 0.86 -2.74	20.59 0.79 -3.44	20.40 0.76 -3.01	20.67 0.76 -3.49	23.21 0.92 -4.99	29.33 1.04 -9.11	35.89 1.14 -12.92	36.17 1.06 -15.03	39.26 1.12 -16.66	32.84 1.01 -12.11	24.02 0.96 -4.18	23.03 0.70 -6.74
LUTHERNY_35_KV_BK2 355980	24.16 0.55 -10.46	21.95 0.54 -8.29	21.05 0.52 -7.41	21.15 0.50 -7.57	20.98 0.51 -7.36	20.87 0.55 -6.55	21.91 0.65 -7.37	23.10 0.63 -8.67	20.70 0.81 -4.65	20.89 0.85 -3.99	20.89 0.79 -4.24	20.51 0.83 -2.99	20.43 0.86 -2.74	20.59 0.79 -3.44	20.40 0.76 -3.01	20.67 0.76 -3.49	23.21 0.92 -4.99	29.35 1.06 -9.11	35.89 1.14 -12.92	36.17 1.06 -15.03	39.26 1.12 -16.66	32.84 1.01 -12.11	24.02 0.96 -4.18	23.03 0.70 -6.74
LWR___OSWEGATCHIE_HYD 23850	12.85 -0.53 -0.23	12.79 -0.51 -0.18	12.76 -0.51 -0.16	12.74 -0.51 -0.17	12.74 -0.52 -0.16	13.35 -0.56 -0.14	13.43 -0.61 -0.16	13.42 -0.57 -0.19	14.60 -0.75 -0.10	15.31 -0.82 -0.09	15.16 -0.79 -0.09	15.94 -0.82 -0.07	16.03 -0.86 -0.06	15.59 -0.85 -0.08	15.83 -0.86 -0.07	15.60 -0.90 -0.08	16.51 -0.90 -0.11	18.48 -0.90 -0.20	21.25 -0.87 -0.28	19.66 -0.74 -0.33	21.10 -0.75 -0.38	19.23 -0.75 -0.26	18.18 -0.79 -0.09	15.05 -0.69 -0.15
LYONS_FALL_HYD 23570	13.38 -0.08 -0.31	13.25 -0.12 -0.24	13.20 -0.13 -0.22	13.17 -0.13 -0.22	13.21 -0.12 -0.22	13.88 -0.08 -0.19	14.00 -0.10 -0.22	13.96 -0.08 -0.26	15.25 -0.14 -0.14	15.98 -0.18 -0.12	15.81 -0.17 -0.12	16.54 -0.23 -0.09	16.67 -0.24 -0.08	16.22 -0.25 -0.10	16.47 -0.25 -0.09	16.28 -0.25 -0.10	17.21 -0.24 -0.15	19.30 -0.15 -0.27	22.11 -0.11 -0.38	20.46 -0.06 -0.44	21.98 0.00 -0.50	20.04 -0.04 -0.36	18.91 -0.09 -0.12	15.76 -0.03 -0.20
MADISON___COUNTY_LFGE 323628	13.78 0.13 -0.50	13.61 0.09 -0.40	13.53 0.07 -0.35	13.50 0.05 -0.36	13.53 0.07 -0.35	14.24 0.15 -0.31	14.39 0.15 -0.35	14.36 0.15 -0.42	15.61 0.14 -0.22	16.36 0.13 -0.19	16.14 0.08 -0.20	16.92 0.08 -0.14	17.04 0.08 -0.13	16.61 0.08 -0.16	16.87 0.10 -0.14	16.74 0.15 -0.17	17.66 0.12 -0.24	19.81 0.19 -0.44	22.72 0.26 -0.62	21.04 0.24 -0.72	22.60 0.30 -0.82	20.53 0.24 -0.58	19.28 0.21 -0.20	16.20 0.28 -0.32
MALONE___115KV_TB1 356076	13.00 -0.22 -0.07	13.05 -0.13 -0.06	13.07 -0.09 -0.05	13.08 -0.05 -0.05	13.08 -0.08 -0.05	13.69 -0.12 -0.04	13.79 -0.14 -0.05	13.81 -0.04 -0.06	15.16 -0.12 -0.03	15.97 -0.10 -0.03	15.78 -0.11 -0.03	16.63 -0.08 -0.02	16.68 -0.17 -0.02	16.16 -0.23 -0.02	16.40 -0.25 -0.02	16.13 -0.31 -0.02	17.06 -0.28 -0.03	19.04 -0.21 -0.06	21.86 -0.07 -0.09	20.16 -0.02 -0.10	21.57 -0.02 -0.11	19.72 -0.08 -0.08	18.70 -0.21 -0.03	15.37 -0.27 -0.05
MAPLEWOD_115KV_TB3 80458	23.64 0.41 -10.08	21.52 0.41 -7.99	20.65 0.39 -7.15	20.76 0.38 -7.30	20.60 0.39 -7.10	20.52 0.44 -6.31	21.48 0.49 -7.11	22.61 0.46 -8.36	20.34 0.61 -4.48	20.54 0.64 -3.85	20.55 0.60 -4.09	20.20 0.63 -2.88	20.11 0.64 -2.64	20.29 0.61 -3.32	20.13 0.60 -2.90	20.40 0.61 -3.36	22.79 0.67 -4.81	28.75 0.79 -8.78	35.14 0.85 -12.45	35.34 0.78 -14.49	38.29 0.84 -15.97	32.14 0.75 -11.68	23.62 0.72 -4.03	22.62 0.53 -6.49
MAPLE_RIDGE_WT_1 323574	12.87 -0.28 0.00	12.87 -0.25 0.00	12.89 -0.22 0.00	12.87 -0.21 0.00	12.90 -0.21 0.00	13.54 -0.23 0.00	13.66 -0.22 0.00	13.61 -0.18 0.00	15.04 -0.21 0.00	15.83 -0.21 0.00	15.66 -0.21 0.00	16.47 -0.22 0.00	16.61 -0.22 0.00	16.15 -0.21 0.00	16.40 -0.23 0.00	16.19 -0.23 0.00	17.06 -0.24 0.00	18.94 -0.25 0.00	21.58 -0.26 0.00	19.83 -0.24 0.00	21.20 -0.28 0.00	19.46 -0.26 0.00	18.59 -0.28 0.00	15.34 -0.25 0.00

MAPLE_RIDGE_WT_2 323611	12.87 -0.28 0.00	12.87 -0.25 0.00	12.89 -0.22 0.00	12.87 -0.21 0.00	12.90 -0.21 0.00	13.54 -0.23 0.00	13.66 -0.22 0.00	13.61 -0.18 0.00	15.04 -0.21 0.00	15.83 -0.21 0.00	15.66 -0.21 0.00	16.47 -0.22 0.00	16.61 -0.22 0.00	16.15 -0.21 0.00	16.40 -0.23 0.00	16.19 -0.23 0.00	17.06 -0.24 0.00	18.94 -0.25 0.00	21.58 -0.26 0.00	19.83 -0.24 0.00	21.20 -0.28 0.00	19.46 -0.26 0.00	18.59 -0.28 0.00	15.34 -0.25 0.00
MARBLE_RIVER_WT_PWR 323696	12.91 -0.24 0.00	12.98 -0.14 0.00	13.02 -0.09 0.00	13.03 -0.05 0.00	13.04 -0.07 0.00	13.66 -0.11 0.00	13.79 -0.10 0.00	13.78 -0.01 0.00	15.19 -0.06 0.00	16.01 -0.03 0.00	15.81 -0.05 0.00	16.71 0.02 0.00	16.76 -0.07 0.00	16.20 -0.16 0.00	16.43 -0.20 0.00	16.18 -0.25 0.00	17.08 -0.23 0.00	19.03 -0.15 0.00	21.82 -0.02 0.00	20.08 0.00 0.00	21.48 0.00 0.00	19.68 -0.04 0.00	18.72 -0.15 0.00	15.36 -0.23 0.00
MARSHVLE_115KV_TB1 80742	26.06 0.47 -12.44	23.40 0.42 -9.86	22.33 0.41 -8.82	22.44 0.35 -9.01	22.24 0.38 -8.75	22.01 0.45 -7.79	23.22 0.57 -8.77	24.66 0.55 -10.31	21.40 0.63 -5.52	21.44 0.64 -4.75	21.47 0.57 -5.04	20.84 0.60 -3.55	20.68 0.59 -3.26	20.98 0.52 -4.09	20.72 0.52 -3.58	21.08 0.51 -4.15	23.98 0.74 -5.94	30.96 0.94 -10.83	38.29 1.09 -15.36	38.99 1.04 -17.87	42.71 1.14 -20.10	35.21 1.08 -14.41	24.79 0.94 -4.97	24.31 0.70 -8.01
MARSH_HILL_WT_PWR 323713	14.77 0.01 -1.60	14.33 -0.07 -1.27	14.14 -0.11 -1.14	14.05 -0.20 -1.16	14.11 -0.13 -1.13	14.90 0.12 -1.00	15.18 0.17 -1.13	15.20 0.08 -1.33	16.01 0.05 -0.71	16.70 0.05 -0.61	16.58 0.06 -0.65	17.15 0.00 -0.46	17.18 -0.07 -0.42	16.89 0.00 -0.53	17.07 -0.02 -0.46	16.93 -0.03 -0.54	18.12 0.05 -0.77	20.66 0.08 -1.40	23.75 -0.07 -1.98	22.32 -0.06 -2.30	23.98 -0.11 -2.61	21.52 -0.06 -1.86	19.54 0.02 -0.64	16.92 0.30 -1.03
MCINTYRE_115KV_TB2 80467	13.15 -0.11 -0.11	13.15 -0.05 -0.08	13.14 -0.04 -0.07	13.15 -0.01 -0.08	13.13 -0.05 -0.07	13.70 -0.14 -0.07	13.76 -0.19 -0.07	13.75 -0.12 -0.09	14.99 -0.30 -0.05	15.71 -0.37 -0.04	15.49 -0.41 -0.04	16.30 -0.42 -0.03	16.42 -0.44 -0.03	15.96 -0.44 -0.03	16.23 -0.43 -0.03	16.05 -0.41 -0.04	16.87 -0.48 -0.05	18.86 -0.42 -0.09	21.64 -0.33 -0.13	19.99 -0.24 -0.15	21.42 -0.24 -0.17	19.56 -0.28 -0.12	18.56 -0.36 -0.04	15.35 -0.31 -0.07
MECO____69_KV_BK1 80468	25.95 0.95 -11.85	23.41 0.89 -9.40	22.39 0.88 -8.40	22.45 0.78 -8.58	22.25 0.80 -8.34	22.09 0.90 -7.42	23.36 1.12 -8.35	24.68 1.06 -9.83	21.72 1.20 -5.26	21.74 1.17 -4.53	21.51 0.84 -4.80	20.96 0.88 -3.39	20.81 0.88 -3.11	21.03 0.77 -3.90	20.77 0.73 -3.41	21.30 0.92 -3.95	24.08 1.12 -5.66	30.93 1.42 -10.32	38.15 1.68 -14.63	38.71 1.61 -17.03	42.34 1.74 -19.12	35.00 1.56 -13.72	25.01 1.40 -4.73	24.49 1.26 -7.63
MENANDS__115KV_TB5 355628	23.35 0.24 -9.97	21.26 0.24 -7.90	20.40 0.22 -7.07	20.52 0.22 -7.22	20.36 0.24 -7.01	20.27 0.26 -6.24	21.20 0.29 -7.03	22.32 0.26 -8.26	20.10 0.43 -4.43	20.28 0.43 -3.81	20.31 0.41 -4.04	19.97 0.43 -2.85	19.89 0.45 -2.61	20.08 0.44 -3.28	19.93 0.43 -2.87	20.18 0.43 -3.33	22.49 0.43 -4.76	28.36 0.50 -8.68	34.67 0.52 -12.31	34.87 0.48 -14.32	37.74 0.49 -15.77	31.71 0.45 -11.54	23.31 0.45 -3.98	22.32 0.31 -6.42
MG INDUSTRY__DRP 24185	23.26 0.29 -9.82	21.19 0.29 -7.78	20.36 0.29 -6.96	20.45 0.26 -7.11	20.29 0.28 -6.91	20.24 0.32 -6.15	21.17 0.36 -6.92	22.26 0.33 -8.14	20.08 0.47 -4.36	20.27 0.48 -3.75	20.30 0.46 -3.98	19.98 0.48 -2.81	19.91 0.50 -2.57	20.07 0.47 -3.23	19.92 0.47 -2.82	20.16 0.46 -3.28	22.47 0.48 -4.69	28.28 0.54 -8.55	34.53 0.57 -12.12	34.72 0.54 -14.11	37.83 0.56 -15.79	31.60 0.51 -11.37	23.31 0.51 -3.92	22.29 0.37 -6.32
MID__OSWEGATCHIE_HYD 23849	12.85 -0.53 -0.23	12.79 -0.51 -0.18	12.76 -0.51 -0.16	12.74 -0.51 -0.17	12.74 -0.52 -0.16	13.35 -0.56 -0.14	13.43 -0.61 -0.16	13.42 -0.57 -0.19	14.60 -0.75 -0.10	15.31 -0.82 -0.09	15.16 -0.79 -0.09	15.94 -0.82 -0.07	16.03 -0.86 -0.06	15.59 -0.85 -0.08	15.83 -0.86 -0.07	15.60 -0.90 -0.08	16.51 -0.90 -0.11	18.48 -0.90 -0.20	21.25 -0.87 -0.28	19.66 -0.74 -0.33	21.10 -0.75 -0.38	19.23 -0.75 -0.26	18.18 -0.79 -0.09	15.05 -0.69 -0.15
MID__RAQUETTE_HYD 23851	12.80 -0.47 -0.12	12.80 -0.42 -0.10	12.79 -0.41 -0.09	12.79 -0.38 -0.09	12.79 -0.41 -0.09	13.34 -0.51 -0.08	13.40 -0.57 -0.09	13.41 -0.48 -0.10	14.60 -0.70 -0.05	15.32 -0.77 -0.05	15.12 -0.79 -0.05	15.92 -0.80 -0.04	16.02 -0.84 -0.03	15.57 -0.83 -0.04	15.82 -0.85 -0.04	15.63 -0.84 -0.04	16.46 -0.90 -0.06	18.37 -0.92 -0.11	21.07 -0.92 -0.15	19.47 -0.78 -0.18	20.84 -0.84 -0.20	19.03 -0.83 -0.14	18.06 -0.87 -0.05	14.92 -0.75 -0.08
MILLIKEN__1 23584	14.79 0.12 -1.52	14.41 0.08 -1.21	14.24 0.05 -1.08	14.19 0.00 -1.10	14.21 0.03 -1.07	14.88 0.15 -0.95	15.14 0.18 -1.07	15.22 0.17 -1.26	16.08 0.15 -0.68	16.74 0.11 -0.58	16.57 0.10 -0.62	17.21 0.08 -0.44	17.31 0.08 -0.40	16.95 0.08 -0.50	17.17 0.10 -0.44	17.08 0.15 -0.51	18.20 0.17 -0.73	20.74 0.23 -1.33	24.00 0.28 -1.88	22.55 0.28 -2.19	24.31 0.32 -2.51	21.76 0.28 -1.76	19.75 0.26 -0.61	16.90 0.33 -0.98
MILLIKEN__2 23585	14.79 0.12 -1.52	14.41 0.08 -1.21	14.24 0.05 -1.08	14.19 0.00 -1.10	14.21 0.03 -1.07	14.88 0.15 -0.95	15.14 0.18 -1.07	15.22 0.17 -1.26	16.08 0.15 -0.68	16.74 0.11 -0.58	16.57 0.10 -0.62	17.21 0.08 -0.44	17.31 0.08 -0.40	16.95 0.08 -0.50	17.17 0.10 -0.44	17.08 0.15 -0.51	18.20 0.17 -0.73	20.74 0.23 -1.33	24.00 0.28 -1.88	22.55 0.28 -2.19	24.31 0.32 -2.51	21.76 0.28 -1.76	19.75 0.26 -0.61	16.90 0.33 -0.98
MILLIKEN__DIESEL 23629	14.79 0.12 -1.52	14.41 0.08 -1.21	14.24 0.05 -1.08	14.19 0.00 -1.10	14.21 0.03 -1.07	14.88 0.15 -0.95	15.14 0.18 -1.07	15.22 0.17 -1.26	16.08 0.15 -0.68	16.74 0.11 -0.58	16.57 0.10 -0.62	17.21 0.08 -0.44	17.31 0.08 -0.40	16.95 0.08 -0.50	17.17 0.10 -0.44	17.08 0.15 -0.51	18.20 0.17 -0.73	20.74 0.23 -1.33	24.00 0.28 -1.88	22.55 0.28 -2.19	24.31 0.32 -2.51	21.76 0.28 -1.76	19.75 0.26 -0.61	16.90 0.33 -0.98
MILLSEAT__LFGE 323607	14.04 -0.25 -1.14	13.66 -0.37 -0.90	13.51 -0.41 -0.81	13.40 -0.51 -0.83	13.49 -0.42 -0.80	14.38 -0.11 -0.71	14.66 -0.03 -0.80	14.52 -0.22 -0.95	15.45 -0.30 -0.51	16.13 -0.35 -0.44	16.02 -0.30 -0.46	16.61 -0.40 -0.33	16.64 -0.49 -0.30	16.37 -0.38 -0.38	16.54 -0.42 -0.33	16.34 -0.46 -0.38	17.50 -0.35 -0.54	19.78 -0.40 -0.99	22.53 -0.72 -1.41	21.05 -0.66 -1.64	22.54 -0.79 -1.86	20.43 -0.61 -1.32	18.94 -0.46 -0.74	16.31 -0.02 -0.74
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.63 0.78 -7.70	19.95 0.72 -6.11	19.32 0.75 -5.46	19.38 0.72 -5.58	19.26 0.73 -5.42	19.38 0.78 -4.82	20.06 0.75 -5.43	20.94 0.76 -6.39	19.57 0.90 -3.42	20.00 1.01 -2.94	20.02 1.03 -3.12	19.98 1.08 -2.20	19.94 1.09 -2.02	19.98 1.08 -2.53	19.96 1.11 -2.22	20.04 1.05 -2.57	22.08 1.11 -3.68	27.03 1.13 -6.71	32.73 1.38 -9.51	32.37 1.22 -11.07	35.80 1.33 -12.99	29.86 1.22 -8.92	23.10 1.15 -3.08	21.43 0.87 -4.96

MILLWOOD_13_KV_LOAD 356217	21.66 0.80 -7.70	19.98 0.75 -6.11	19.33 0.76 -5.46	19.41 0.75 -5.58	19.28 0.75 -5.42	19.41 0.81 -4.82	20.08 0.76 -5.43	20.95 0.77 -6.39	19.59 0.91 -3.42	20.00 1.01 -2.94	20.03 1.05 -3.12	19.98 1.08 -2.20	19.94 1.09 -2.02	20.00 1.10 -2.53	19.98 1.13 -2.22	20.06 1.07 -2.57	22.12 1.14 -3.68	27.07 1.17 -6.71	32.77 1.42 -9.51	32.41 1.26 -11.07	35.82 1.35 -12.99	29.90 1.26 -8.92	23.12 1.17 -3.08	21.44 0.89 -4.96
MODEL_CITY_ENERGY 24167	13.61 -0.76 -1.22	13.25 -0.84 -0.97	13.11 -0.87 -0.86	12.98 -0.98 -0.88	13.09 -0.88 -0.86	13.97 -0.57 -0.76	14.21 -0.53 -0.86	14.06 -0.74 -1.01	14.89 -0.90 -0.54	15.58 -0.93 -0.47	15.48 -0.87 -0.49	16.02 -1.02 -0.35	16.04 -1.11 -0.32	15.80 -0.97 -0.40	15.95 -1.03 -0.35	15.75 -1.08 -0.41	16.86 -1.02 -0.58	19.06 -1.19 -1.06	21.62 -1.73 -1.51	20.22 -1.61 -1.75	21.64 -1.83 -1.99	19.59 -1.54 -1.41	18.14 -1.23 -0.49	15.72 -0.65 -0.79
MODERN_LFGE_ 323580	13.61 -0.76 -1.22	13.25 -0.84 -0.97	13.11 -0.87 -0.86	12.98 -0.98 -0.88	13.09 -0.88 -0.86	13.97 -0.57 -0.76	14.21 -0.53 -0.86	14.06 -0.74 -1.01	14.89 -0.90 -0.54	15.58 -0.93 -0.47	15.48 -0.87 -0.49	16.02 -1.02 -0.35	16.04 -1.11 -0.32	15.80 -0.97 -0.40	15.95 -1.03 -0.35	15.75 -1.08 -0.41	16.86 -1.02 -0.58	19.06 -1.19 -1.06	21.62 -1.73 -1.51	20.22 -1.61 -1.75	21.64 -1.83 -1.99	19.59 -1.54 -1.41	18.14 -1.23 -0.49	15.72 -0.65 -0.79
MOHAWK_PAPER__DRP 24187	23.64 0.41 -10.08	21.52 0.41 -7.99	20.65 0.39 -7.15	20.76 0.38 -7.30	20.60 0.39 -7.10	20.52 0.44 -6.31	21.48 0.49 -7.11	22.61 0.46 -8.36	20.34 0.61 -4.48	20.54 0.64 -3.85	20.55 0.60 -4.09	20.20 0.63 -2.88	20.11 0.64 -2.64	20.29 0.61 -3.32	20.13 0.60 -2.90	20.40 0.61 -3.36	22.79 0.67 -4.81	28.75 0.79 -8.78	35.14 0.85 -12.45	35.34 0.78 -14.49	38.29 0.84 -15.97	32.14 0.75 -11.68	23.62 0.72 -4.03	22.62 0.53 -6.49
MOHICAN__35_KV_115KV_LD 80490	24.15 0.53 -10.48	21.92 0.50 -8.30	21.03 0.50 -7.43	21.11 0.44 -7.58	20.94 0.46 -7.37	20.84 0.51 -6.56	21.92 0.65 -7.38	23.12 0.65 -8.68	20.75 0.85 -4.65	20.94 0.90 -4.00	20.92 0.81 -4.24	20.53 0.85 -2.99	20.45 0.88 -2.75	20.60 0.79 -3.44	20.38 0.73 -3.01	20.66 0.74 -3.50	23.25 0.95 -5.00	29.40 1.09 -9.12	35.97 1.20 -12.93	36.25 1.12 -15.05	39.38 1.20 -16.70	32.89 1.05 -12.13	24.02 0.96 -4.18	23.02 0.69 -6.75
MONGAUP__HYD 23641	20.66 0.68 -6.82	19.19 0.66 -5.41	18.59 0.64 -4.84	18.65 0.63 -4.94	18.58 0.67 -4.80	18.77 0.73 -4.27	19.40 0.71 -4.81	20.10 0.65 -5.66	19.01 0.73 -3.03	19.32 0.67 -2.61	19.29 0.67 -2.77	19.31 0.67 -1.95	19.31 0.69 -1.79	19.25 0.64 -2.24	19.26 0.67 -1.96	19.37 0.67 -2.28	21.27 0.71 -3.26	25.88 0.75 -5.94	30.96 0.70 -8.43	30.52 0.64 -9.80	33.79 0.84 -11.47	28.33 0.71 -7.90	22.45 0.85 -2.73	20.69 0.70 -4.39
MONTAUK__DIESEL 23721	22.42 1.51 -7.76	23.55 1.48 -8.94	22.57 1.51 -7.95	23.87 1.52 -9.27	22.50 1.51 -7.88	22.90 1.63 -7.50	21.27 1.58 -5.80	23.94 1.63 -8.52	20.48 1.78 -3.45	22.25 1.99 -4.21	22.04 2.00 -4.18	21.12 2.07 -2.36	23.16 2.10 -4.23	23.77 2.05 -5.36	21.93 2.06 -3.24	23.76 1.86 -5.48	26.15 2.18 -6.67	40.36 2.32 -18.85	44.84 2.86 -20.14	42.11 2.59 -19.45	48.19 2.77 -23.95	37.61 2.56 -15.32	26.27 2.55 -4.85	23.19 1.86 -5.74
MOONROAD_115KV_HARTFLD_TB1-2 355988	14.28 -0.26 -1.39	13.84 -0.38 -1.10	13.66 -0.43 -0.99	13.51 -0.58 -1.01	13.64 -0.45 -0.98	14.42 -0.22 -0.87	14.73 -0.14 -0.98	14.74 -0.21 -1.15	15.61 -0.26 -0.62	16.40 -0.18 -0.53	16.28 -0.14 -0.56	16.97 -0.12 -0.40	17.02 -0.17 -0.36	16.64 -0.18 -0.46	16.76 -0.27 -0.40	16.69 -0.20 -0.46	17.74 -0.22 -0.66	20.09 -0.31 -1.21	22.95 -0.61 -1.72	21.47 -0.60 -2.00	23.02 -0.75 -2.29	20.66 -0.67 -1.61	18.87 -0.57 -0.56	16.29 -0.20 -0.90
MORTIMER_115KV_TB3 55949	13.85 -0.28 -0.98	13.53 -0.37 -0.77	13.41 -0.39 -0.69	13.32 -0.47 -0.71	13.39 -0.41 -0.69	14.22 -0.17 -0.61	14.47 -0.10 -0.69	14.38 -0.22 -0.81	15.39 -0.29 -0.43	16.14 -0.27 -0.37	16.00 -0.25 -0.40	16.68 -0.28 -0.28	16.81 -0.27 -0.26	16.43 -0.26 -0.32	16.63 -0.28 -0.28	16.50 -0.25 -0.33	17.52 -0.24 -0.47	19.73 -0.31 -0.85	22.48 -0.57 -1.21	20.94 -0.54 -1.40	22.48 -0.60 -1.61	20.36 -0.49 -1.13	18.93 -0.34 -0.39	16.16 -0.06 -0.63
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.79 0.88 -7.76	20.10 0.83 -6.15	19.46 0.85 -5.50	19.54 0.84 -5.62	19.41 0.84 -5.46	19.53 0.90 -4.86	20.20 0.85 -5.47	21.09 0.87 -6.43	19.72 1.02 -3.45	20.16 1.16 -2.96	20.20 1.19 -3.15	20.16 1.25 -2.22	20.11 1.25 -2.03	20.16 1.24 -2.55	20.14 1.28 -2.23	20.23 1.22 -2.59	22.25 1.25 -3.70	27.19 1.25 -6.76	32.97 1.55 -9.58	32.61 1.39 -11.15	36.05 1.48 -13.09	30.09 1.38 -8.99	23.26 1.28 -3.10	21.59 1.00 -5.00
MUNSVILLE_WIND_PWR 323609	16.23 0.84 -2.24	15.64 0.75 -1.77	15.38 0.68 -1.59	15.36 0.65 -1.62	15.36 0.68 -1.57	16.07 0.89 -1.40	16.39 0.93 -1.58	16.56 0.91 -1.85	17.16 0.91 -0.99	17.73 0.83 -0.85	17.56 0.79 -0.91	18.08 0.75 -0.64	18.14 0.72 -0.59	17.80 0.70 -0.74	18.07 0.80 -0.64	17.93 0.76 -0.75	19.23 0.86 -1.07	22.32 1.19 -1.95	26.09 1.49 -2.76	24.67 1.38 -3.21	26.71 1.59 -3.65	23.65 1.34 -2.59	20.98 1.21 -0.89	18.22 1.18 -1.44
N SALMON__HYD 24042	12.92 -0.22 0.00	12.99 -0.13 0.00	13.02 -0.09 0.00	13.03 -0.05 0.00	13.03 -0.08 0.00	13.65 -0.12 0.00	13.74 -0.14 0.00	13.75 -0.04 0.00	15.13 -0.12 0.00	15.95 -0.10 0.00	15.73 -0.13 0.00	16.61 -0.08 0.00	16.68 -0.15 0.00	16.15 -0.21 0.00	16.38 -0.25 0.00	16.14 -0.28 0.00	17.02 -0.28 0.00	18.98 -0.21 0.00	21.77 -0.07 0.00	20.05 -0.02 0.00	21.46 -0.02 0.00	19.64 -0.08 0.00	18.67 -0.21 0.00	15.33 -0.27 0.00
N.AKRON__115KV_KNAPP 355671	13.90 -0.39 -1.14	13.53 -0.50 -0.90	13.38 -0.54 -0.81	13.27 -0.64 -0.83	13.36 -0.55 -0.80	14.25 -0.23 -0.71	14.52 -0.17 -0.80	14.38 -0.36 -0.95	15.27 -0.49 -0.51	15.97 -0.51 -0.44	15.80 -0.52 -0.46	16.45 -0.57 -0.33	16.55 -0.57 -0.30	16.18 -0.56 -0.38	16.36 -0.60 -0.33	16.31 -0.49 -0.38	17.31 -0.54 -0.54	19.53 -0.65 -0.99	22.22 -1.03 -1.41	20.75 -0.96 -1.64	22.26 -1.10 -1.88	20.13 -0.91 -1.32	18.67 -0.66 -0.46	16.14 -0.19 -0.73
N.BELMOR_69_KV_BK1 55787	22.03 1.12 -7.76	23.13 1.06 -8.94	22.14 1.07 -7.95	23.41 1.06 -9.27	22.05 1.06 -7.88	22.43 1.16 -7.50	20.80 1.11 -5.80	23.43 1.12 -8.52	19.98 1.28 -3.45	21.70 1.44 -4.21	21.49 1.44 -4.18	20.57 1.52 -2.36	22.59 1.53 -4.23	23.23 1.51 -5.36	21.41 1.55 -3.24	23.33 1.43 -5.48	25.51 1.54 -6.67	39.61 1.57 -18.85	43.88 1.90 -20.14	41.25 1.73 -19.45	47.27 1.85 -23.95	36.76 1.72 -15.32	25.39 1.66 -4.85	22.61 1.28 -5.74
N.E_GEN_SANDY PD 24062	22.68 0.45 -9.08	20.76 0.45 -7.20	19.99 0.45 -6.44	20.10 0.45 -6.57	19.94 0.45 -6.39	19.95 0.50 -5.68	20.77 0.49 -6.40	21.80 0.48 -7.53	19.89 0.61 -4.03	20.15 0.64 -3.47	20.16 0.62 -3.68	19.95 0.67 -2.59	19.90 0.69 -2.38	20.01 0.66 -2.99	19.92 0.68 -2.61	20.14 0.69 -3.03	22.33 0.69 -4.33	27.88 0.79 -7.91	33.90 0.85 -11.21	33.90 0.78 -13.04	33.90 0.84 -11.59	31.00 0.77 -10.51	23.26 0.76 -3.63	22.00 0.56 -5.85

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.36 0.79 -7.42	19.74 0.73 -5.88	19.13 0.76 -5.26	19.19 0.73 -5.37	19.08 0.75 -5.22	19.21 0.80 -4.64	19.88 0.76 -5.23	20.71 0.77 -6.15	19.46 0.91 -3.29	19.90 1.03 -2.83	19.90 1.03 -3.01	19.89 1.08 -2.12	19.87 1.09 -1.94	19.90 1.10 -2.44	19.88 1.11 -2.13	19.98 1.08 -2.48	21.97 1.12 -3.54	26.80 1.15 -6.46	32.37 1.38 -9.16	31.98 1.24 -10.66	35.33 1.35 -12.50	29.55 1.24 -8.59	23.01 1.17 -2.96	21.27 0.90 -4.78
N.QUEENS_27_KV_LOAD 356247	21.89 0.97 -7.77	20.18 0.91 -6.15	19.56 0.94 -5.51	19.62 0.92 -5.63	19.49 0.92 -5.46	19.51 0.88 -4.86	20.10 0.75 -5.47	21.01 0.79 -6.43	19.63 0.93 -3.45	20.08 1.07 -2.96	20.13 1.13 -3.15	20.07 1.17 -2.22	20.04 1.18 -2.03	20.10 1.18 -2.55	20.08 1.21 -2.23	20.15 1.13 -2.59	22.16 1.16 -3.70	27.08 1.13 -6.76	32.91 1.49 -9.58	32.53 1.30 -11.15	35.96 1.40 -13.09	29.97 1.26 -8.99	23.15 1.17 -3.10	21.47 0.89 -4.99
N.TROY___115KV_TB1 355778	23.70 0.37 -10.19	21.56 0.37 -8.07	20.70 0.37 -7.22	20.81 0.35 -7.37	20.63 0.35 -7.17	20.55 0.40 -6.38	21.51 0.44 -7.18	22.66 0.43 -8.44	20.34 0.56 -4.52	20.51 0.58 -3.89	20.54 0.56 -4.13	20.18 0.58 -2.91	20.09 0.59 -2.67	20.29 0.57 -3.35	20.13 0.57 -2.93	20.38 0.56 -3.40	22.78 0.62 -4.86	28.79 0.73 -8.87	35.20 0.79 -12.58	35.43 0.72 -14.63	38.29 0.77 -16.04	32.22 0.71 -11.79	23.62 0.68 -4.07	22.65 0.50 -6.56
NARROWS_GT1_1 24228	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
NARROWS_GT1_2 24229	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
NARROWS_GT1_3 24230	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
NARROWS_GT1_4 24231	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
NARROWS_GT1_5 24232	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
NARROWS_GT1_6 24233	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
NARROWS_GT1_7 24234	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
NARROWS_GT1_8 24235	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
NARROWS_GT2_1 24236	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
NARROWS_GT2_2 24237	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
NARROWS_GT2_3 24238	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
NARROWS_GT2_4 24239	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98

NARROWS_GT2_5 24240	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
NARROWS_GT2_6 24241	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
NARROWS_GT2_7 24242	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
NARROWS_GT2_8 24243	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.72 0.30 -9.27	20.77 0.30 -7.35	19.96 0.29 -6.57	20.05 0.26 -6.71	19.94 0.31 -6.52	19.94 0.37 -5.80	20.86 0.44 -6.53	21.83 0.36 -7.68	19.88 0.52 -4.11	20.10 0.51 -3.54	20.11 0.49 -3.75	19.85 0.52 -2.65	19.81 0.56 -2.43	19.94 0.52 -3.05	19.78 0.48 -2.67	19.97 0.46 -3.09	22.28 0.55 -4.42	27.85 0.59 -8.07	33.89 0.61 -11.44	33.99 0.60 -13.31	37.19 0.75 -14.96	31.10 0.65 -10.73	23.24 0.66 -3.70	21.97 0.41 -5.97
NCHELSEA_115KV_TR2 355582	21.83 0.84 -7.84	20.14 0.80 -6.21	19.46 0.80 -5.56	19.54 0.78 -5.67	19.44 0.81 -5.52	19.56 0.88 -4.91	20.27 0.86 -5.53	21.12 0.83 -6.50	19.69 0.96 -3.48	20.08 1.04 -2.99	20.10 1.06 -3.18	20.06 1.13 -2.24	20.03 1.14 -2.05	20.07 1.13 -2.58	20.03 1.15 -2.25	20.15 1.12 -2.62	22.23 1.19 -3.74	27.22 1.21 -6.83	32.91 1.40 -9.68	32.60 1.26 -11.26	36.09 1.44 -13.17	30.12 1.32 -9.08	23.29 1.28 -3.13	21.61 0.97 -5.05
NEG CAPITAL___MECHNVIL 23645	24.19 0.55 -10.49	21.98 0.54 -8.32	21.07 0.52 -7.44	21.17 0.50 -7.60	21.00 0.51 -7.38	20.90 0.56 -6.57	21.93 0.65 -7.40	23.12 0.63 -8.70	20.72 0.81 -4.66	20.90 0.85 -4.01	20.92 0.81 -4.25	20.52 0.83 -3.00	20.45 0.87 -2.75	20.62 0.80 -3.45	20.43 0.78 -3.02	20.74 0.82 -3.50	23.22 0.92 -5.01	29.38 1.05 -9.14	35.95 1.16 -12.95	36.21 1.06 -15.07	39.18 1.14 -16.56	32.87 1.01 -12.15	24.03 0.96 -4.19	23.05 0.70 -6.76
NEG CENTRAL_HIGH_ACRES 23767	13.60 -0.55 -1.00	13.28 -0.63 -0.79	13.16 -0.66 -0.71	13.09 -0.72 -0.72	13.14 -0.67 -0.70	13.90 -0.50 -0.63	14.16 -0.43 -0.70	14.11 -0.51 -0.83	15.11 -0.58 -0.44	15.85 -0.58 -0.38	15.71 -0.56 -0.40	16.34 -0.63 -0.29	16.42 -0.67 -0.26	16.09 -0.61 -0.33	16.29 -0.63 -0.29	16.12 -0.64 -0.33	17.17 -0.61 -0.48	19.37 -0.69 -0.87	22.13 -0.94 -1.23	20.65 -0.86 -1.43	22.12 -0.99 -1.63	20.03 -0.85 -1.16	18.54 -0.74 -0.40	15.82 -0.42 -0.64
NEG CENTRAL___DRP 24199	14.03 -0.14 -1.02	13.74 -0.20 -0.81	13.61 -0.22 -0.73	13.54 -0.29 -0.74	13.59 -0.24 -0.72	14.32 -0.10 -0.64	14.55 -0.06 -0.72	14.54 -0.10 -0.85	15.58 -0.12 -0.45	16.31 -0.13 -0.39	16.13 -0.14 -0.41	16.81 -0.17 -0.29	16.94 -0.15 -0.27	16.55 -0.15 -0.34	16.77 -0.15 -0.29	16.67 -0.10 -0.34	17.69 -0.10 -0.49	19.96 -0.12 -0.89	22.93 -0.17 -1.26	21.38 -0.16 -1.47	22.97 -0.19 -1.68	20.73 -0.18 -1.19	19.15 -0.13 -0.41	16.30 0.05 -0.66
NEG CENTRAL___INDECK 23768	14.64 0.12 -1.37	14.22 0.01 -1.09	14.05 -0.03 -0.97	13.96 -0.12 -0.99	14.02 -0.05 -0.96	14.85 0.22 -0.86	15.15 0.31 -0.97	15.07 0.14 -1.14	15.86 0.00 -0.61	16.52 -0.05 -0.52	16.39 -0.03 -0.56	17.03 -0.05 -0.39	17.07 -0.12 -0.36	16.77 -0.05 -0.45	16.97 -0.05 -0.39	16.80 -0.08 -0.46	18.01 0.05 -0.65	20.46 0.08 -1.19	23.58 0.04 -1.69	22.17 0.12 -1.97	23.84 0.13 -2.23	21.48 0.18 -1.59	19.69 0.26 -0.55	16.94 0.47 -0.88
NEG CENTRAL___SENECA 23627	14.17 -0.09 -1.11	13.85 -0.16 -0.88	13.71 -0.18 -0.79	13.64 -0.25 -0.81	13.70 -0.20 -0.78	14.44 -0.03 -0.70	14.70 0.03 -0.79	14.70 -0.01 -0.92	15.70 -0.05 -0.49	16.40 -0.06 -0.43	16.20 -0.11 -0.45	16.87 -0.13 -0.32	17.00 -0.12 -0.29	16.62 -0.11 -0.37	16.82 -0.13 -0.32	16.78 -0.02 -0.37	17.76 -0.07 -0.53	20.10 -0.06 -0.97	23.08 -0.13 -1.38	21.54 -0.14 -1.60	23.16 -0.15 -1.83	20.87 -0.14 -1.29	19.23 -0.09 -0.45	16.44 0.12 -0.72
NEG CENTRAL___STATE_STREET 24147	14.03 -0.12 -1.00	13.77 -0.14 -0.79	13.64 -0.17 -0.71	13.55 -0.25 -0.72	13.61 -0.20 -0.70	14.31 -0.08 -0.62	14.54 -0.04 -0.70	14.56 -0.06 -0.83	15.65 -0.05 -0.44	16.38 -0.05 -0.38	16.33 0.06 -0.40	17.04 0.07 -0.28	17.16 0.07 -0.26	16.76 0.07 -0.33	17.00 0.08 -0.29	16.77 0.02 -0.33	17.90 0.12 -0.48	20.19 0.13 -0.87	23.18 0.11 -1.23	21.61 0.10 -1.43	23.22 0.11 -1.64	20.95 0.08 -1.15	19.39 0.11 -0.40	16.31 0.08 -0.64
NEG MILLWOOD___DRP 24198	21.94 0.85 -7.94	20.21 0.80 -6.29	19.55 0.81 -5.62	19.61 0.78 -5.74	19.49 0.80 -5.58	19.61 0.87 -4.97	20.30 0.82 -5.59	21.17 0.80 -6.58	19.70 0.93 -3.52	20.10 1.03 -3.03	20.14 1.06 -3.22	20.07 1.12 -2.27	20.03 1.13 -2.08	20.09 1.11 -2.61	20.08 1.16 -2.28	20.17 1.10 -2.65	22.30 1.21 -3.79	27.34 1.25 -6.91	33.10 1.46 -9.80	32.78 1.30 -11.40	36.28 1.44 -13.36	30.25 1.34 -9.19	23.29 1.25 -3.17	21.64 0.94 -5.11
NEG NORTH_FLCN_SEA 23793	13.09 -0.11 -0.05	13.16 0.00 -0.04	13.18 0.04 -0.04	13.20 0.08 -0.04	13.21 0.07 -0.04	13.84 0.04 -0.03	13.96 0.04 -0.04	13.97 0.14 -0.04	15.38 0.11 -0.02	16.21 0.14 -0.02	16.06 0.17 -0.02	16.92 0.22 -0.01	16.98 0.13 -0.01	16.40 0.02 -0.02	16.64 0.00 -0.01	16.31 -0.13 -0.02	17.31 -0.02 -0.02	19.29 0.06 -0.04	22.16 0.26 -0.06	20.41 0.26 -0.07	21.84 0.28 -0.08	19.97 0.20 -0.06	18.97 0.08 -0.02	15.56 -0.06 -0.03
NEG NORTH_KES_CHATEGAY 23792	12.98 -0.22 -0.05	13.04 -0.12 -0.04	13.07 -0.08 -0.04	13.08 -0.04 -0.04	13.09 -0.05 -0.04	13.71 -0.10 -0.03	13.82 -0.10 -0.04	13.82 -0.01 -0.04	15.20 -0.08 -0.02	16.02 -0.05 -0.02	15.85 -0.03 -0.02	16.69 -0.02 -0.01	16.74 -0.10 -0.01	16.19 -0.20 -0.02	16.43 -0.22 -0.01	16.13 -0.31 -0.02	17.10 -0.22 -0.02	19.06 -0.17 -0.05	21.90 0.00 -0.06	20.19 0.04 -0.07	21.61 0.04 -0.08	19.76 -0.02 -0.06	18.77 -0.13 -0.02	15.41 -0.22 -0.03

NEG NORTH___ALICE_FALLS 23915	13.11 -0.09 -0.05	13.16 0.00 -0.04	13.20 0.05 -0.04	13.20 0.08 -0.04	13.21 0.07 -0.04	13.84 0.04 -0.03	13.96 0.04 -0.04	13.97 0.14 -0.04	15.38 0.11 -0.02	16.21 0.14 -0.02	16.04 0.16 -0.02	16.90 0.20 -0.01	16.96 0.12 -0.01	16.40 0.02 -0.02	16.63 -0.02 -0.01	16.34 -0.10 -0.02	17.31 -0.02 -0.02	19.33 0.10 -0.04	22.21 0.31 -0.06	20.47 0.32 -0.07	21.90 0.34 -0.08	20.01 0.24 -0.06	18.99 0.09 -0.02	15.58 -0.05 -0.03
NEG NORTH___LWR_SARANAC 23913	13.11 -0.09 -0.05	13.16 0.00 -0.04	13.20 0.05 -0.04	13.20 0.08 -0.04	13.21 0.07 -0.04	13.84 0.04 -0.03	13.96 0.04 -0.04	13.97 0.14 -0.04	15.38 0.11 -0.02	16.21 0.14 -0.02	16.04 0.16 -0.02	16.90 0.20 -0.01	16.96 0.12 -0.01	16.40 0.02 -0.02	16.63 -0.02 -0.01	16.34 -0.10 -0.02	17.31 -0.02 -0.02	19.33 0.10 -0.04	22.21 0.31 -0.06	20.47 0.32 -0.07	21.90 0.34 -0.08	20.01 0.24 -0.06	18.99 0.09 -0.02	15.58 -0.05 -0.03
NEG NORTH___PLATTSBURG 23628	13.06 -0.09 0.00	13.12 0.00 0.00	13.16 0.05 0.00	13.16 0.08 0.00	13.17 0.07 0.00	13.81 0.04 0.00	13.92 0.04 0.00	13.93 0.14 0.00	15.36 0.11 0.00	16.19 0.14 0.00	15.97 0.11 0.00	16.89 0.20 0.00	16.95 0.12 0.00	16.38 0.02 0.00	16.61 -0.02 0.00	16.37 -0.05 0.00	17.28 -0.02 0.00	19.28 0.10 0.00	22.14 0.31 0.00	20.40 0.32 0.00	21.82 0.34 0.00	19.96 0.24 0.00	18.97 0.09 0.00	15.55 -0.05 0.00
NEG WEST_LEA_LOCKPORT 23791	13.69 -0.64 -1.18	13.34 -0.72 -0.94	13.20 -0.75 -0.84	13.06 -0.88 -0.86	13.17 -0.77 -0.83	14.06 -0.45 -0.74	14.33 -0.39 -0.83	14.18 -0.59 -0.98	15.01 -0.76 -0.53	15.73 -0.77 -0.45	15.56 -0.78 -0.48	16.19 -0.83 -0.34	16.31 -0.82 -0.31	15.95 -0.80 -0.39	16.12 -0.85 -0.34	16.06 -0.76 -0.39	17.03 -0.83 -0.56	19.22 -1.00 -1.03	21.81 -1.49 -1.46	20.39 -1.39 -1.70	21.86 -1.57 -1.95	19.77 -1.32 -1.37	18.33 -1.02 -0.47	15.87 -0.48 -0.76
NEG WEST___LANCASTR 23811	13.76 -0.79 -1.40	13.37 -0.87 -1.11	13.21 -0.89 -1.00	13.10 -0.99 -1.02	13.19 -0.90 -0.99	13.98 -0.67 -0.88	14.26 -0.61 -0.99	14.25 -0.70 -1.16	15.02 -0.85 -0.62	15.71 -0.87 -0.54	15.57 -0.86 -0.57	16.19 -0.90 -0.40	16.29 -0.91 -0.37	15.94 -0.88 -0.46	16.10 -0.93 -0.40	16.04 -0.85 -0.47	17.07 -0.90 -0.67	19.37 -1.04 -1.22	22.13 -1.44 -1.73	20.75 -1.35 -2.02	22.26 -1.52 -2.31	20.00 -1.34 -1.63	18.30 -1.13 -0.56	15.84 -0.65 -0.90
NEG_PENN_ALLEGHNY 23528	15.55 0.00 -2.40	14.98 -0.04 -1.90	14.74 -0.07 -1.70	14.71 -0.11 -1.73	14.73 -0.07 -1.69	15.31 0.04 -1.50	15.64 0.07 -1.69	15.82 0.04 -1.99	16.36 0.05 -1.06	17.01 0.05 -0.92	16.90 0.06 -0.97	17.41 0.03 -0.68	17.49 0.03 -0.63	17.20 0.05 -0.79	17.37 0.05 -0.69	17.27 0.05 -0.80	18.53 0.09 -1.14	21.37 0.10 -2.09	24.86 0.07 -2.96	23.58 0.06 -3.44	25.43 0.04 -3.91	22.55 0.06 -2.78	19.91 0.08 -0.96	17.29 0.16 -1.54
NEG___GEN_MONROE 24207	13.86 -0.29 -1.00	13.57 -0.34 -0.79	13.44 -0.38 -0.71	13.36 -0.44 -0.72	13.46 -0.35 -0.70	14.30 -0.10 -0.63	14.56 -0.03 -0.71	14.44 -0.18 -0.83	15.37 -0.32 -0.44	16.09 -0.34 -0.38	15.97 -0.30 -0.41	16.62 -0.35 -0.29	16.75 -0.34 -0.26	16.38 -0.31 -0.33	16.57 -0.35 -0.29	16.43 -0.33 -0.33	17.43 -0.35 -0.48	19.66 -0.40 -0.87	22.42 -0.66 -1.24	20.91 -0.60 -1.44	22.44 -0.69 -1.65	20.33 -0.55 -1.16	18.92 -0.36 -0.40	16.21 -0.03 -0.64
NEPA___ENERGY 23901	14.26 -0.53 -1.64	13.83 -0.59 -1.30	13.65 -0.62 -1.16	13.58 -0.69 -1.19	13.63 -0.63 -1.15	14.39 -0.41 -1.03	14.68 -0.36 -1.16	14.72 -0.43 -1.36	15.44 -0.53 -0.73	16.12 -0.55 -0.63	15.97 -0.56 -0.66	16.56 -0.60 -0.47	16.67 -0.59 -0.43	16.33 -0.57 -0.54	16.49 -0.62 -0.47	16.43 -0.54 -0.55	17.51 -0.57 -0.78	19.96 -0.65 -1.43	22.90 -0.96 -2.03	21.53 -0.90 -2.36	23.15 -1.03 -2.70	20.73 -0.89 -1.90	18.80 -0.74 -0.66	16.29 -0.36 -1.06
NEVERSINK___HYD 23608	20.79 1.04 -6.61	19.36 1.00 -5.24	18.78 0.98 -4.68	18.82 0.95 -4.78	18.77 1.01 -4.65	19.01 1.10 -4.14	19.61 1.07 -4.66	20.27 1.01 -5.48	19.28 1.10 -2.93	19.75 1.19 -2.52	19.70 1.16 -2.68	19.73 1.15 -1.89	19.74 1.18 -1.73	19.68 1.15 -2.17	19.71 1.18 -1.90	19.78 1.15 -2.20	21.68 1.23 -3.15	26.19 1.25 -5.75	31.48 1.49 -8.16	30.93 1.37 -9.49	34.13 1.68 -10.98	28.81 1.44 -7.65	22.91 1.40 -2.64	21.02 1.17 -4.25
NEWKRMKL_115KV_TB1 55635	23.36 0.18 -10.03	21.25 0.18 -7.95	20.39 0.17 -7.11	20.51 0.17 -7.26	20.35 0.18 -7.06	20.27 0.22 -6.28	21.20 0.25 -7.07	22.31 0.21 -8.31	20.08 0.38 -4.45	20.27 0.40 -3.83	20.29 0.36 -4.06	19.95 0.40 -2.86	19.86 0.40 -2.63	20.06 0.39 -3.30	19.88 0.37 -2.88	20.15 0.38 -3.35	22.47 0.38 -4.78	28.34 0.42 -8.73	34.66 0.44 -12.38	34.88 0.40 -14.41	37.85 0.43 -15.94	31.70 0.37 -11.61	23.24 0.36 -4.00	22.30 0.25 -6.46
NEWTON___FALLS_HYD 23847	12.85 -0.53 -0.23	12.79 -0.51 -0.18	12.76 -0.51 -0.16	12.74 -0.51 -0.17	12.74 -0.52 -0.16	13.35 -0.56 -0.14	13.43 -0.61 -0.16	13.42 -0.57 -0.19	14.60 -0.75 -0.10	15.31 -0.82 -0.09	15.16 -0.79 -0.09	15.94 -0.82 -0.07	16.03 -0.86 -0.06	15.59 -0.85 -0.08	15.83 -0.86 -0.07	15.60 -0.90 -0.08	16.51 -0.90 -0.11	18.48 -0.90 -0.20	21.25 -0.87 -0.28	19.66 -0.74 -0.33	21.10 -0.75 -0.38	19.23 -0.75 -0.26	18.18 -0.79 -0.09	15.05 -0.69 -0.15
NGRID_A1_DSASP 323792	13.47 -0.91 -1.23	13.13 -0.97 -0.98	12.99 -1.00 -0.87	12.86 -1.11 -0.89	12.97 -1.01 -0.87	13.84 -0.70 -0.77	14.13 -0.62 -0.87	14.00 -0.81 -1.02	14.81 -0.99 -0.55	15.50 -1.01 -0.47	15.41 -0.95 -0.50	15.96 -1.08 -0.35	15.96 -1.19 -0.32	15.72 -1.05 -0.41	15.89 -1.10 -0.35	15.67 -1.17 -0.41	16.78 -1.11 -0.59	18.95 -1.31 -1.07	21.51 -1.86 -1.52	20.12 -1.73 -1.77	21.47 -2.02 -2.01	19.49 -1.66 -1.43	18.03 -1.34 -0.49	15.64 -0.75 -0.79
NGRID_A2_DSASP 323793	13.47 -0.91 -1.23	13.13 -0.97 -0.98	12.99 -1.00 -0.87	12.86 -1.11 -0.89	12.97 -1.01 -0.87	13.84 -0.70 -0.77	14.13 -0.62 -0.87	14.00 -0.81 -1.02	14.81 -0.99 -0.55	15.50 -1.01 -0.47	15.41 -0.95 -0.50	15.96 -1.08 -0.35	15.96 -1.19 -0.32	15.72 -1.05 -0.41	15.89 -1.10 -0.35	15.67 -1.17 -0.41	16.78 -1.11 -0.59	18.95 -1.31 -1.07	21.51 -1.86 -1.52	20.12 -1.73 -1.77	21.47 -2.02 -2.01	19.49 -1.66 -1.43	18.03 -1.34 -0.49	15.64 -0.75 -0.79
NGRID_A4_DSASP 323807	13.47 -0.91 -1.23	13.13 -0.97 -0.98	12.99 -1.00 -0.87	12.86 -1.11 -0.89	12.97 -1.01 -0.87	13.84 -0.70 -0.77	14.13 -0.62 -0.87	14.00 -0.81 -1.02	14.81 -0.99 -0.55	15.50 -1.01 -0.47	15.41 -0.95 -0.50	15.96 -1.08 -0.35	15.96 -1.19 -0.32	15.72 -1.05 -0.41	15.89 -1.10 -0.35	15.67 -1.17 -0.41	16.78 -1.11 -0.59	18.95 -1.31 -1.07	21.51 -1.86 -1.52	20.12 -1.73 -1.77	21.47 -2.02 -2.01	19.49 -1.66 -1.43	18.03 -1.34 -0.49	15.64 -0.75 -0.79
NIAGARA_115E_LBMP 323715	13.55 -0.83 -1.23	13.19 -0.91 -0.97	13.05 -0.93 -0.87	12.94 -1.03 -0.89	13.03 -0.94 -0.86	13.91 -0.63 -0.77	14.15 -0.60 -0.87	14.00 -0.81 -1.02	14.80 -0.99 -0.55	15.49 -1.03 -0.47	15.39 -0.97 -0.50	15.94 -1.10 -0.35	15.94 -1.21 -0.32	15.71 -1.06 -0.40	15.87 -1.11 -0.35	15.67 -1.17 -0.41	16.76 -1.12 -0.59	18.95 -1.31 -1.07	21.50 -1.86 -1.52	20.11 -1.73 -1.76	21.50 -1.98 -2.00	19.48 -1.66 -1.42	18.03 -1.34 -0.49	15.65 -0.73 -0.79

NIAGARA_115W_LBMP 323714	13.45 -0.93 -1.23	13.09 -1.01 -0.98	12.95 -1.04 -0.87	12.84 -1.14 -0.89	12.93 -1.05 -0.87	13.80 -0.74 -0.77	14.08 -0.67 -0.87	13.97 -0.84 -1.02	14.77 -1.02 -0.55	15.45 -1.06 -0.47	15.38 -0.98 -0.50	15.91 -1.14 -0.35	15.92 -1.23 -0.32	15.69 -1.08 -0.40	15.84 -1.15 -0.35	15.64 -1.20 -0.41	16.75 -1.14 -0.59	18.92 -1.34 -1.07	21.44 -1.92 -1.52	20.08 -1.77 -1.77	21.40 -2.08 -2.01	19.43 -1.72 -1.43	17.99 -1.38 -0.49	15.61 -0.78 -0.79
NIAGARA_230_LBMP 323716	13.62 -0.75 -1.22	13.27 -0.81 -0.97	13.13 -0.84 -0.86	13.02 -0.94 -0.88	13.11 -0.85 -0.86	13.98 -0.55 -0.76	14.27 -0.47 -0.86	14.15 -0.65 -1.01	14.98 -0.81 -0.54	15.67 -0.83 -0.46	15.59 -0.76 -0.49	16.14 -0.90 -0.35	16.15 -0.99 -0.32	15.91 -0.85 -0.40	16.07 -0.91 -0.35	15.86 -0.97 -0.41	16.98 -0.90 -0.58	19.17 -1.07 -1.06	21.75 -1.59 -1.50	20.34 -1.49 -1.75	21.76 -1.70 -1.98	19.71 -1.42 -1.41	18.25 -1.11 -0.49	15.82 -0.56 -0.78
NIAGARA__115KV_198_GIBSON 55903	13.44 -0.93 -1.23	13.09 -1.01 -0.97	12.94 -1.04 -0.87	12.83 -1.14 -0.89	12.92 -1.05 -0.86	13.80 -0.74 -0.77	14.08 -0.67 -0.87	13.97 -0.84 -1.02	14.76 -1.04 -0.55	15.45 -1.06 -0.47	15.30 -1.06 -0.50	15.91 -1.13 -0.35	16.04 -1.11 -0.32	15.67 -1.10 -0.40	15.84 -1.15 -0.35	15.78 -1.05 -0.41	16.73 -1.16 -0.59	18.89 -1.36 -1.07	21.43 -1.92 -1.52	20.05 -1.79 -1.77	21.46 -2.04 -2.02	19.43 -1.72 -1.42	17.99 -1.38 -0.49	15.61 -0.78 -0.79
NIAGARA____ 23760	13.48 -0.89 -1.23	13.13 -0.97 -0.97	13.00 -0.98 -0.87	12.87 -1.10 -0.89	12.96 -1.01 -0.87	13.84 -0.70 -0.77	14.12 -0.62 -0.87	14.01 -0.80 -1.02	14.83 -0.96 -0.54	15.53 -0.98 -0.47	15.44 -0.92 -0.50	15.97 -1.07 -0.35	15.99 -1.16 -0.32	15.75 -1.01 -0.40	15.90 -1.08 -0.35	15.70 -1.13 -0.41	16.81 -1.07 -0.59	19.01 -1.25 -1.07	21.58 -1.77 -1.51	20.19 -1.65 -1.76	21.56 -1.91 -2.00	19.56 -1.58 -1.42	18.06 -1.30 -0.49	15.62 -0.76 -0.79
NINE_MILE_1 23575	13.28 -0.50 -0.63	13.10 -0.53 -0.50	13.00 -0.55 -0.45	12.96 -0.58 -0.46	13.00 -0.55 -0.44	13.67 -0.50 -0.39	13.84 -0.49 -0.44	13.82 -0.50 -0.52	14.98 -0.55 -0.28	15.71 -0.58 -0.24	15.56 -0.56 -0.26	16.25 -0.62 -0.18	16.37 -0.62 -0.17	15.98 -0.59 -0.21	16.21 -0.60 -0.18	16.03 -0.61 -0.21	17.00 -0.61 -0.30	19.06 -0.67 -0.55	21.81 -0.81 -0.78	20.24 -0.74 -0.90	21.69 -0.82 -1.03	19.72 -0.73 -0.73	18.45 -0.68 -0.25	15.52 -0.48 -0.41
NINE_MILE_2 23744	13.28 -0.50 -0.63	13.09 -0.53 -0.50	13.00 -0.55 -0.45	12.96 -0.58 -0.46	13.00 -0.55 -0.44	13.67 -0.50 -0.39	13.85 -0.47 -0.44	13.82 -0.50 -0.52	14.98 -0.55 -0.28	15.71 -0.58 -0.24	15.56 -0.56 -0.26	16.25 -0.62 -0.18	16.37 -0.62 -0.16	15.98 -0.59 -0.21	16.21 -0.60 -0.18	16.03 -0.61 -0.21	17.00 -0.61 -0.30	19.06 -0.67 -0.55	21.81 -0.81 -0.78	20.24 -0.74 -0.90	21.71 -0.79 -1.03	19.72 -0.73 -0.73	18.45 -0.68 -0.25	15.51 -0.48 -0.41
NM_CAPITAL____DRP 24208	23.32 0.21 -9.96	21.22 0.21 -7.89	20.38 0.21 -7.06	20.49 0.20 -7.21	20.32 0.21 -7.01	20.25 0.25 -6.23	21.16 0.26 -7.02	22.28 0.23 -8.25	20.07 0.40 -4.42	20.26 0.42 -3.80	20.29 0.40 -4.03	19.95 0.42 -2.84	19.87 0.44 -2.61	20.05 0.41 -3.27	19.89 0.40 -2.86	20.14 0.39 -3.32	22.45 0.40 -4.75	28.32 0.46 -8.67	34.61 0.48 -12.29	34.82 0.44 -14.30	37.71 0.47 -15.76	31.68 0.43 -11.53	23.27 0.42 -3.98	22.29 0.28 -6.41
NM_CENTRAL____DRP 24181	13.66 -0.25 -0.76	13.43 -0.29 -0.60	13.33 -0.31 -0.54	13.28 -0.35 -0.55	13.31 -0.33 -0.53	14.01 -0.23 -0.47	14.20 -0.22 -0.53	14.17 -0.25 -0.63	15.33 -0.26 -0.34	16.06 -0.27 -0.29	15.90 -0.27 -0.31	16.62 -0.28 -0.22	16.74 -0.29 -0.20	16.35 -0.26 -0.25	16.58 -0.27 -0.22	16.45 -0.23 -0.25	17.40 -0.26 -0.36	19.56 -0.29 -0.66	22.40 -0.37 -0.94	20.82 -0.34 -1.09	22.36 -0.37 -1.25	20.26 -0.34 -0.88	18.88 -0.30 -0.30	15.93 -0.16 -0.49
NM_FRONTIER____DRP 24179	13.44 -0.93 -1.23	13.09 -1.01 -0.97	12.94 -1.04 -0.87	12.83 -1.14 -0.89	12.92 -1.05 -0.86	13.80 -0.74 -0.77	14.08 -0.67 -0.87	13.97 -0.84 -1.02	14.76 -1.04 -0.55	15.45 -1.06 -0.47	15.30 -1.06 -0.50	15.91 -1.13 -0.35	16.04 -1.11 -0.32	15.67 -1.10 -0.40	15.84 -1.15 -0.35	15.78 -1.05 -0.41	16.73 -1.16 -0.59	18.89 -1.36 -1.07	21.43 -1.92 -1.52	20.05 -1.79 -1.77	21.46 -2.04 -2.02	19.43 -1.72 -1.42	17.99 -1.38 -0.49	15.61 -0.78 -0.79
NM_ST_REGIS____HYD 24053	12.83 -0.43 -0.11	12.84 -0.37 -0.09	12.85 -0.34 -0.08	12.85 -0.31 -0.08	12.85 -0.34 -0.08	13.40 -0.44 -0.07	13.49 -0.47 -0.08	13.50 -0.39 -0.09	14.73 -0.56 -0.05	15.48 -0.61 -0.04	15.27 -0.63 -0.05	16.09 -0.63 -0.03	16.17 -0.69 -0.03	15.70 -0.70 -0.04	15.95 -0.72 -0.03	15.74 -0.72 -0.04	16.59 -0.76 -0.05	18.52 -0.77 -0.10	21.26 -0.72 -0.14	19.61 -0.62 -0.16	21.02 -0.64 -0.18	19.20 -0.65 -0.13	18.19 -0.74 -0.04	15.01 -0.65 -0.07
NORTHPORT____1 23551	21.97 1.08 -7.74	23.12 1.08 -8.92	22.12 1.08 -7.94	23.39 1.06 -9.25	22.03 1.06 -7.86	22.41 1.16 -7.48	20.78 1.11 -5.79	23.40 1.12 -8.50	19.95 1.26 -3.44	21.64 1.40 -4.20	21.32 1.28 -4.17	20.50 1.45 -2.36	22.58 1.53 -4.22	23.16 1.44 -5.35	21.34 1.48 -3.23	23.37 1.48 -5.47	25.45 1.49 -6.66	39.51 1.50 -18.83	43.80 1.86 -20.11	41.13 1.65 -19.41	47.11 1.74 -23.89	36.63 1.62 -15.29	25.40 1.68 -4.84	22.58 1.26 -5.72
NORTHPORT____2 23552	21.97 1.08 -7.74	23.12 1.08 -8.92	22.12 1.08 -7.94	23.39 1.06 -9.25	22.03 1.06 -7.86	22.41 1.16 -7.48	20.78 1.11 -5.79	23.40 1.12 -8.50	19.95 1.26 -3.44	21.64 1.40 -4.20	21.32 1.28 -4.17	20.50 1.45 -2.36	22.58 1.53 -4.22	23.16 1.44 -5.35	21.34 1.48 -3.23	23.37 1.48 -5.47	25.45 1.49 -6.66	39.51 1.50 -18.83	43.80 1.86 -20.11	41.13 1.65 -19.41	47.11 1.74 -23.89	36.63 1.62 -15.29	25.40 1.68 -4.84	22.58 1.26 -5.72
NORTHPORT____3 23553	22.04 1.16 -7.74	23.17 1.13 -8.92	22.18 1.14 -7.94	23.44 1.11 -9.25	22.09 1.11 -7.86	22.47 1.21 -7.48	20.84 1.17 -5.79	23.47 1.19 -8.50	20.03 1.34 -3.44	21.74 1.49 -4.20	21.44 1.41 -4.17	20.61 1.57 -2.36	22.70 1.65 -4.22	23.27 1.56 -5.35	21.47 1.61 -3.23	23.51 1.61 -5.47	25.59 1.63 -6.66	39.68 1.67 -18.83	43.98 2.03 -20.11	41.31 1.83 -19.41	47.35 1.97 -23.89	36.79 1.78 -15.29	25.47 1.76 -4.84	22.67 1.36 -5.72
NORTHPORT____4 23650	22.04 1.16 -7.74	23.17 1.13 -8.92	22.18 1.14 -7.94	23.44 1.11 -9.25	22.09 1.11 -7.86	22.47 1.21 -7.48	20.84 1.17 -5.79	23.47 1.19 -8.50	20.03 1.34 -3.44	21.74 1.49 -4.20	21.44 1.41 -4.17	20.61 1.57 -2.36	22.70 1.65 -4.22	23.27 1.56 -5.35	21.47 1.61 -3.23	23.51 1.61 -5.47	25.59 1.63 -6.66	39.68 1.67 -18.83	43.98 2.03 -20.11	41.31 1.83 -19.41	47.35 1.97 -23.89	36.79 1.78 -15.29	25.47 1.76 -4.84	22.67 1.36 -5.72
NORTHPORT____IC 23718	21.97 1.08 -7.74	23.12 1.08 -8.92	22.12 1.08 -7.94	23.39 1.06 -9.25	22.03 1.06 -7.86	22.41 1.16 -7.48	20.78 1.11 -5.79	23.40 1.12 -8.50	19.95 1.26 -3.44	21.64 1.40 -4.20	21.32 1.28 -4.17	20.50 1.45 -2.36	22.58 1.53 -4.22	23.16 1.44 -5.35	21.34 1.48 -3.23	23.37 1.48 -5.47	25.45 1.49 -6.66	39.51 1.50 -18.83	43.80 1.86 -20.11	41.13 1.65 -19.41	47.11 1.74 -23.89	36.63 1.62 -15.29	25.40 1.68 -4.84	22.58 1.26 -5.72

NORTH__COUNTRY_ESR 323785	12.90 -0.25 0.00	12.95 -0.17 0.00	12.99 -0.12 0.00	13.02 -0.07 0.00	13.03 -0.08 0.00	13.63 -0.14 0.00	13.76 -0.13 0.00	13.75 -0.04 0.00	15.16 -0.09 0.00	15.96 -0.08 0.00	15.77 -0.09 0.00	16.66 -0.03 0.00	16.71 -0.12 0.00	16.15 -0.21 0.00	16.40 -0.23 0.00	16.14 -0.28 0.00	17.04 -0.26 0.00	18.98 -0.21 0.00	21.77 -0.07 0.00	20.03 -0.04 0.00	21.44 -0.04 0.00	19.62 -0.10 0.00	18.69 -0.19 0.00	15.33 -0.27 0.00
NPX_GEN_1385_PROXY 323591	21.87 0.99 -7.74	23.00 0.96 -8.92	22.00 0.96 -7.94	23.25 0.92 -9.25	21.94 0.97 -7.86	22.30 1.05 -7.48	20.70 1.03 -5.79	23.31 1.02 -8.50	19.86 1.17 -3.44	21.50 1.25 -4.20	21.00 0.97 -4.17	20.05 1.00 -2.36	22.13 1.08 -4.22	22.70 0.98 -5.35	20.89 1.03 -3.23	22.85 0.95 -5.47	25.00 1.04 -6.66	39.01 1.00 -18.83	43.21 1.27 -20.11	40.57 1.08 -19.41	46.34 0.97 -23.89	36.08 1.06 -15.29	25.00 1.28 -4.84	22.44 1.12 -5.72
NPX_GEN_CSC 323557	21.95 1.06 -7.74	23.12 1.08 -8.92	22.12 1.08 -7.94	23.43 1.10 -9.25	22.06 1.09 -7.86	22.44 1.18 -7.48	20.78 1.11 -5.79	23.46 1.17 -8.50	19.94 1.25 -3.44	21.64 1.40 -4.20	21.32 1.28 -4.17	20.46 1.42 -2.36	22.56 1.52 -4.22	23.14 1.42 -5.35	21.32 1.46 -3.23	23.39 1.49 -5.47	25.47 1.50 -6.66	39.59 1.57 -18.83	43.91 1.97 -20.11	41.23 1.75 -19.41	47.24 1.87 -23.89	36.71 1.70 -15.29	25.49 1.77 -4.84	22.65 1.34 -5.72
NSINS_S_GLNS_FALLS 23858	24.15 0.51 -10.49	21.93 0.50 -8.31	21.03 0.49 -7.43	21.12 0.44 -7.59	20.93 0.45 -7.38	20.83 0.50 -6.56	21.93 0.65 -7.39	23.13 0.65 -8.69	20.76 0.85 -4.66	20.95 0.90 -4.00	20.94 0.82 -4.25	20.55 0.87 -3.00	20.47 0.89 -2.75	20.60 0.79 -3.45	20.38 0.73 -3.02	20.66 0.74 -3.50	23.26 0.95 -5.00	29.41 1.09 -9.13	35.99 1.20 -12.95	36.26 1.12 -15.06	39.38 1.18 -16.73	32.91 1.05 -12.14	24.03 0.96 -4.19	23.02 0.67 -6.75
NUCOR_STEEL__DRP 24197	14.05 -0.08 -0.99	13.81 -0.09 -0.78	13.70 -0.10 -0.70	13.60 -0.20 -0.71	13.64 -0.16 -0.69	14.36 -0.03 -0.62	14.58 0.00 -0.69	14.59 -0.01 -0.82	15.67 -0.02 -0.44	16.39 -0.03 -0.38	16.23 -0.03 -0.40	16.94 -0.03 -0.28	17.05 -0.03 -0.26	16.66 -0.03 -0.32	16.90 -0.02 -0.28	16.77 0.02 -0.33	17.81 0.03 -0.47	20.06 0.02 -0.86	23.06 0.00 -1.22	21.49 0.00 -1.42	23.08 -0.02 -1.62	20.86 0.00 -1.14	19.29 0.02 -0.39	16.34 0.11 -0.63
NUMBER_THREE_WT_PWR 323818	13.25 -0.22 -0.33	13.13 -0.25 -0.26	13.08 -0.26 -0.23	13.04 -0.28 -0.24	13.08 -0.26 -0.23	13.73 -0.25 -0.21	13.85 -0.26 -0.23	13.81 -0.25 -0.27	15.03 -0.37 -0.15	15.75 -0.42 -0.13	15.58 -0.41 -0.13	16.33 -0.45 -0.09	16.44 -0.47 -0.09	16.00 -0.48 -0.11	16.24 -0.48 -0.09	16.04 -0.49 -0.11	16.97 -0.48 -0.16	19.07 -0.40 -0.29	21.89 -0.35 -0.40	20.28 -0.26 -0.47	21.82 -0.19 -0.53	19.86 -0.24 -0.38	18.70 -0.30 -0.13	15.59 -0.22 -0.21
NYISO_LBMP_REFERENCE 24008	13.15 0.00 0.00	13.12 0.00 0.00	13.11 0.00 0.00	13.08 0.00 0.00	13.11 0.00 0.00	13.77 0.00 0.00	13.88 0.00 0.00	13.79 0.00 0.00	15.25 0.00 0.00	16.04 0.00 0.00	15.86 0.00 0.00	16.69 0.00 0.00	16.83 0.00 0.00	16.37 0.00 0.00	16.63 0.00 0.00	16.42 0.00 0.00	17.30 0.00 0.00	19.19 0.00 0.00	21.84 0.00 0.00	20.08 0.00 0.00	21.48 0.00 0.00	19.72 0.00 0.00	18.88 0.00 0.00	15.59 0.00 0.00
NYPA_BRENTWD__GT 24164	22.10 1.21 -7.74	23.25 1.21 -8.92	22.25 1.21 -7.94	23.52 1.19 -9.25	22.17 1.19 -7.86	22.55 1.29 -7.48	20.92 1.25 -5.79	23.54 1.25 -8.50	20.09 1.40 -3.44	21.80 1.56 -4.20	21.48 1.44 -4.17	20.68 1.64 -2.36	22.75 1.70 -4.22	23.34 1.62 -5.35	21.52 1.66 -3.23	23.57 1.68 -5.47	25.66 1.70 -6.66	39.70 1.69 -18.83	44.02 2.08 -20.11	41.33 1.85 -19.41	47.37 2.00 -23.89	36.83 1.81 -15.29	25.64 1.93 -4.84	22.76 1.45 -5.72
NYPA_GOWANUS__GT5 24156	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
NYPA_GOWANUS__GT6 24157	21.93 1.04 -7.74	20.27 1.01 -6.14	19.61 1.01 -5.49	19.67 0.98 -5.61	19.53 0.98 -5.44	19.59 0.98 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	33.05 1.66 -9.55	32.65 1.46 -11.11	36.10 1.59 -13.04	30.17 1.50 -8.96	23.34 1.38 -3.09	21.68 1.11 -4.98
NYPA_HARLEM_RVR_GT1 24160	21.85 0.96 -7.74	20.19 0.93 -6.13	19.53 0.93 -5.49	19.61 0.92 -5.61	19.47 0.92 -5.44	19.48 0.87 -4.84	20.06 0.74 -5.45	20.97 0.77 -6.41	19.59 0.91 -3.43	20.03 1.04 -2.95	20.04 1.05 -3.13	20.04 1.15 -2.20	20.04 1.19 -2.02	20.05 1.15 -2.54	20.05 1.20 -2.22	20.16 1.17 -2.57	22.14 1.16 -3.68	27.03 1.11 -6.73	32.85 1.46 -9.54	32.47 1.29 -11.11	35.90 1.40 -13.03	29.93 1.26 -8.95	23.11 1.15 -3.08	21.45 0.89 -4.97
NYPA_HARLEM_RVR_GT2 24161	21.85 0.96 -7.74	20.19 0.93 -6.13	19.53 0.93 -5.49	19.61 0.92 -5.61	19.47 0.92 -5.44	19.48 0.87 -4.84	20.06 0.74 -5.45	20.97 0.77 -6.41	19.59 0.91 -3.43	20.03 1.04 -2.95	20.04 1.05 -3.13	20.04 1.15 -2.20	20.04 1.19 -2.02	20.05 1.15 -2.54	20.05 1.20 -2.22	20.16 1.17 -2.57	22.14 1.16 -3.68	27.03 1.11 -6.73	32.85 1.46 -9.54	32.47 1.29 -11.11	35.90 1.40 -13.03	29.93 1.26 -8.95	23.11 1.15 -3.08	21.45 0.89 -4.97
NYPA_KENT__GT 24152	21.89 1.00 -7.74	20.23 0.97 -6.14	19.57 0.97 -5.49	19.63 0.94 -5.61	19.50 0.94 -5.44	19.58 0.96 -4.84	20.18 0.85 -5.45	21.05 0.84 -6.41	19.71 1.02 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.17 1.25 -6.74	33.03 1.64 -9.55	32.63 1.45 -11.11	36.08 1.57 -13.04	30.14 1.46 -8.96	23.33 1.36 -3.09	21.64 1.06 -4.98
NYPA_POUCH1__GT 24155	21.89 1.00 -7.74	20.25 0.98 -6.14	19.58 0.98 -5.49	19.65 0.95 -5.61	19.51 0.96 -5.44	19.54 0.92 -4.84	20.08 0.75 -5.45	20.91 0.72 -6.41	19.55 0.87 -3.43	20.00 1.01 -2.95	20.02 1.03 -3.13	20.01 1.12 -2.20	20.01 1.16 -2.02	20.01 1.11 -2.54	20.03 1.18 -2.22	20.15 1.15 -2.57	22.15 1.16 -3.69	27.04 1.11 -6.74	32.89 1.51 -9.54	32.50 1.32 -11.11	35.95 1.44 -13.03	30.11 1.44 -8.96	23.27 1.30 -3.09	21.64 1.06 -4.98
NYPA_VERNON__GT2 24162	21.85 0.96 -7.75	20.19 0.93 -6.13	19.53 0.93 -5.49	19.61 0.92 -5.61	19.47 0.92 -5.44	19.55 0.94 -4.84	20.18 0.85 -5.45	21.06 0.86 -6.41	19.71 1.02 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.15 1.30 -2.23	20.29 1.28 -2.58	22.25 1.26 -3.69	27.17 1.25 -6.74	33.01 1.62 -9.55	32.61 1.43 -11.11	36.06 1.55 -13.04	30.10 1.42 -8.96	23.29 1.32 -3.09	21.60 1.03 -4.98

NYPA_VERNON____GT3 24163	21.85 0.96 -7.75	20.19 0.93 -6.13	19.53 0.93 -5.49	19.61 0.92 -5.61	19.47 0.92 -5.44	19.55 0.94 -4.84	20.18 0.85 -5.45	21.06 0.86 -6.41	19.71 1.02 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.15 1.30 -2.23	20.29 1.28 -2.58	22.25 1.26 -3.69	27.17 1.25 -6.74	33.01 1.62 -9.55	32.61 1.43 -11.11	36.06 1.55 -13.04	30.10 1.42 -8.96	23.29 1.32 -3.09	21.60 1.03 -4.98
NYPA____ASTORIA_CC1 323568	21.84 0.95 -7.74	20.17 0.92 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.54 0.92 -4.84	20.15 0.82 -5.45	21.03 0.83 -6.41	19.69 1.01 -3.44	20.14 1.14 -2.95	20.14 1.14 -3.13	20.13 1.23 -2.21	20.13 1.28 -2.03	20.14 1.23 -2.54	20.14 1.28 -2.23	20.25 1.25 -2.58	22.24 1.25 -3.69	27.13 1.21 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.02 1.50 -13.04	30.06 1.38 -8.96	23.25 1.28 -3.09	21.57 1.00 -4.98
NYPA____ASTORIA_CC2 323569	21.84 0.95 -7.74	20.17 0.92 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.54 0.92 -4.84	20.15 0.82 -5.45	21.03 0.83 -6.41	19.69 1.01 -3.44	20.14 1.14 -2.95	20.14 1.14 -3.13	20.13 1.23 -2.21	20.13 1.28 -2.03	20.14 1.23 -2.54	20.14 1.28 -2.23	20.25 1.25 -2.58	22.24 1.25 -3.69	27.13 1.21 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.02 1.50 -13.04	30.06 1.38 -8.96	23.25 1.28 -3.09	21.57 1.00 -4.98
NYPA____HOLTSVILL 23794	22.04 1.16 -7.74	23.21 1.17 -8.92	22.22 1.18 -7.94	23.51 1.18 -9.25	22.14 1.17 -7.86	22.52 1.27 -7.48	20.89 1.22 -5.79	23.53 1.24 -8.50	20.06 1.37 -3.44	21.77 1.52 -4.20	21.44 1.41 -4.17	20.65 1.60 -2.36	22.73 1.68 -4.22	23.32 1.60 -5.35	21.51 1.65 -3.23	23.55 1.66 -5.47	25.61 1.64 -6.66	39.70 1.69 -18.83	44.04 2.10 -20.11	41.33 1.85 -19.41	47.35 1.97 -23.89	36.83 1.81 -15.29	25.60 1.89 -4.84	22.70 1.39 -5.72
NYPA____HELLGATE_GT1 24158	21.85 0.96 -7.74	20.19 0.93 -6.13	19.53 0.93 -5.49	19.61 0.92 -5.61	19.47 0.92 -5.44	19.48 0.87 -4.84	20.06 0.74 -5.45	20.97 0.77 -6.41	19.59 0.91 -3.43	20.03 1.04 -2.95	20.04 1.05 -3.13	20.04 1.15 -2.20	20.04 1.19 -2.02	20.05 1.15 -2.54	20.05 1.20 -2.22	20.16 1.17 -2.57	22.14 1.16 -3.68	27.03 1.11 -6.73	32.85 1.46 -9.54	32.47 1.29 -11.11	35.90 1.40 -13.03	29.93 1.26 -8.95	23.11 1.15 -3.08	21.46 0.89 -4.98
NYPA____HELLGATE_GT2 24159	21.85 0.96 -7.74	20.19 0.93 -6.13	19.53 0.93 -5.49	19.61 0.92 -5.61	19.47 0.92 -5.44	19.48 0.87 -4.84	20.06 0.74 -5.45	20.97 0.77 -6.41	19.59 0.91 -3.43	20.03 1.04 -2.95	20.04 1.05 -3.13	20.04 1.15 -2.20	20.04 1.19 -2.02	20.05 1.15 -2.54	20.05 1.20 -2.22	20.16 1.17 -2.57	22.14 1.16 -3.68	27.03 1.11 -6.73	32.85 1.46 -9.54	32.47 1.29 -11.11	35.90 1.40 -13.03	29.93 1.26 -8.95	23.11 1.15 -3.08	21.46 0.89 -4.98
NYS_BARGE____HYD 23848	13.71 -0.64 -1.20	13.34 -0.73 -0.95	13.20 -0.76 -0.85	13.08 -0.88 -0.87	13.18 -0.77 -0.85	14.07 -0.45 -0.75	14.33 -0.40 -0.85	14.18 -0.61 -1.00	15.02 -0.76 -0.53	15.72 -0.79 -0.46	15.64 -0.71 -0.49	16.18 -0.85 -0.34	16.20 -0.94 -0.32	15.94 -0.82 -0.40	16.11 -0.87 -0.35	15.90 -0.92 -0.40	17.03 -0.85 -0.57	19.24 -1.00 -1.05	21.84 -1.49 -1.49	20.42 -1.38 -1.73	21.83 -1.61 -1.96	19.79 -1.32 -1.39	18.32 -1.04 -0.48	15.87 -0.50 -0.77
OAK ORCHARD____HYD 24046	13.89 -0.28 -1.02	13.56 -0.37 -0.81	13.44 -0.39 -0.72	13.35 -0.47 -0.74	13.42 -0.41 -0.72	14.25 -0.16 -0.64	14.51 -0.10 -0.72	14.42 -0.22 -0.85	15.43 -0.27 -0.45	16.16 -0.27 -0.39	16.05 -0.22 -0.41	16.70 -0.28 -0.29	16.76 -0.34 -0.27	16.44 -0.26 -0.34	16.64 -0.28 -0.29	16.45 -0.31 -0.34	17.55 -0.24 -0.49	19.77 -0.31 -0.89	22.53 -0.57 -1.26	21.02 -0.52 -1.47	22.52 -0.62 -1.66	20.41 -0.49 -1.18	18.95 -0.34 -0.41	16.19 -0.06 -0.66
OAKDALE____35_KV_LOAD 356122	15.52 0.00 -2.38	14.97 -0.04 -1.88	14.74 -0.05 -1.68	14.70 -0.10 -1.72	14.71 -0.07 -1.67	15.30 0.04 -1.49	15.63 0.07 -1.67	15.80 0.04 -1.97	16.35 0.05 -1.05	17.00 0.05 -0.91	16.87 0.05 -0.96	17.40 0.03 -0.68	17.48 0.03 -0.62	17.20 0.05 -0.78	17.36 0.05 -0.68	17.30 0.08 -0.79	18.52 0.09 -1.13	21.35 0.10 -2.07	24.82 0.04 -2.93	23.53 0.04 -3.41	25.43 0.04 -3.91	22.51 0.04 -2.75	19.88 0.06 -0.95	17.28 0.16 -1.53
OCC_CHEM____DRP 24175	13.47 -0.91 -1.23	13.13 -0.97 -0.98	12.98 -1.00 -0.87	12.86 -1.11 -0.89	12.97 -1.01 -0.87	13.84 -0.70 -0.77	14.13 -0.62 -0.87	14.00 -0.81 -1.02	14.79 -1.01 -0.55	15.49 -1.03 -0.47	15.35 -1.02 -0.50	15.96 -1.08 -0.35	16.07 -1.08 -0.32	15.71 -1.06 -0.40	15.89 -1.10 -0.35	15.82 -1.02 -0.41	16.78 -1.11 -0.59	18.95 -1.30 -1.07	21.50 -1.86 -1.52	20.12 -1.73 -1.77	21.51 -2.00 -2.02	19.47 -1.68 -1.43	18.03 -1.34 -0.49	15.64 -0.75 -0.79
OH_GEN_PROXY 24063	13.65 -0.72 -1.22	13.29 -0.80 -0.97	13.15 -0.83 -0.87	13.04 -0.93 -0.89	13.13 -0.84 -0.86	14.00 -0.54 -0.77	14.29 -0.46 -0.86	14.17 -0.63 -1.01	15.01 -0.78 -0.54	15.71 -0.80 -0.47	15.63 -0.73 -0.50	16.17 -0.87 -0.35	16.19 -0.96 -0.32	15.95 -0.82 -0.40	16.10 -0.88 -0.35	15.90 -0.94 -0.41	17.02 -0.86 -0.58	19.22 -1.04 -1.07	21.82 -1.53 -1.51	20.41 -1.42 -1.76	21.84 -1.63 -1.99	19.77 -1.36 -1.42	18.29 -1.08 -0.49	15.83 -0.55 -0.79
OLIN_CORP_DRP 24177	13.58 -0.80 -1.23	13.22 -0.88 -0.98	13.08 -0.90 -0.87	12.95 -1.02 -0.89	13.06 -0.92 -0.87	13.94 -0.61 -0.77	14.18 -0.57 -0.87	14.03 -0.79 -1.02	14.82 -0.98 -0.55	15.52 -0.99 -0.47	15.36 -1.00 -0.50	15.97 -1.07 -0.35	16.09 -1.06 -0.32	15.74 -1.03 -0.40	15.90 -1.08 -0.35	15.85 -0.99 -0.41	16.82 -1.07 -0.59	18.99 -1.27 -1.07	21.55 -1.81 -1.52	20.16 -1.69 -1.77	21.61 -1.89 -2.02	19.53 -1.62 -1.43	18.07 -1.30 -0.49	15.68 -0.70 -0.79
OLIN_CORP_DSASP 323712	13.47 -0.91 -1.23	13.13 -0.97 -0.98	12.99 -1.00 -0.87	12.86 -1.11 -0.89	12.97 -1.01 -0.87	13.84 -0.70 -0.77	14.13 -0.62 -0.87	14.00 -0.81 -1.02	14.81 -0.99 -0.55	15.50 -1.01 -0.47	15.41 -0.95 -0.50	15.96 -1.08 -0.35	15.96 -1.19 -0.32	15.72 -1.05 -0.41	15.89 -1.10 -0.35	15.67 -1.17 -0.41	16.78 -1.11 -0.59	18.95 -1.31 -1.07	21.51 -1.86 -1.52	20.12 -1.73 -1.77	21.47 -2.02 -2.01	19.49 -1.66 -1.43	18.03 -1.34 -0.49	15.64 -0.75 -0.79
ONEIDA_HERK_LFGE 323681	13.44 0.00 -0.29	13.31 -0.04 -0.23	13.26 -0.05 -0.20	13.24 -0.05 -0.21	13.27 -0.04 -0.20	13.95 0.00 -0.18	14.09 0.00 -0.20	14.04 0.01 -0.24	15.35 -0.03 -0.13	16.11 -0.05 -0.11	15.93 -0.05 -0.12	16.67 -0.10 -0.08	16.79 -0.12 -0.08	16.35 -0.11 -0.09	16.60 -0.12 -0.08	16.40 -0.11 -0.10	17.33 -0.10 -0.14	19.40 -0.04 -0.25	22.22 0.02 -0.36	20.53 0.04 -0.41	22.03 0.09 -0.47	20.11 0.06 -0.33	18.99 0.00 -0.11	15.84 0.06 -0.19
ONEIDA____115KV_TB4 55905	13.78 0.13 -0.50	13.61 0.09 -0.40	13.53 0.07 -0.35	13.50 0.05 -0.36	13.53 0.07 -0.35	14.24 0.15 -0.31	14.39 0.15 -0.35	14.36 0.15 -0.42	15.61 0.14 -0.22	16.36 0.13 -0.19	16.14 0.08 -0.20	16.92 0.08 -0.14	17.04 0.08 -0.13	16.61 0.08 -0.16	16.87 0.10 -0.14	16.74 0.15 -0.17	17.66 0.12 -0.24	19.81 0.19 -0.44	22.72 0.26 -0.62	21.04 0.24 -0.72	22.60 0.30 -0.82	20.53 0.24 -0.58	19.28 0.21 -0.20	16.20 0.28 -0.32

ONONDAGA_REF_OCCRA 23987	13.86 -0.21 -0.92	13.60 -0.25 -0.73	13.50 -0.26 -0.65	13.45 -0.30 -0.67	13.48 -0.28 -0.65	14.16 -0.19 -0.58	14.37 -0.17 -0.65	14.36 -0.19 -0.76	15.46 -0.20 -0.41	16.19 -0.21 -0.35	16.03 -0.21 -0.37	16.72 -0.23 -0.26	16.85 -0.22 -0.24	16.46 -0.21 -0.30	16.68 -0.22 -0.27	16.57 -0.16 -0.31	17.55 -0.19 -0.44	19.78 -0.21 -0.80	22.71 -0.26 -1.14	21.16 -0.24 -1.32	22.74 -0.26 -1.51	20.55 -0.24 -1.07	19.02 -0.23 -0.37	16.09 -0.09 -0.59
ONONDAGA___COGEN 23986	13.80 -0.20 -0.84	13.55 -0.24 -0.67	13.46 -0.25 -0.60	13.39 -0.30 -0.61	13.43 -0.28 -0.59	14.12 -0.18 -0.53	14.33 -0.15 -0.60	14.31 -0.18 -0.70	15.44 -0.18 -0.38	16.17 -0.19 -0.32	16.01 -0.19 -0.34	16.71 -0.22 -0.24	16.85 -0.20 -0.22	16.45 -0.20 -0.28	16.67 -0.20 -0.24	16.56 -0.15 -0.28	17.53 -0.17 -0.40	19.71 -0.21 -0.74	22.62 -0.26 -1.04	21.05 -0.24 -1.21	22.61 -0.26 -1.39	20.46 -0.24 -0.98	19.01 -0.21 -0.34	16.06 -0.08 -0.54
ONTARIO___LFGE 23819	14.23 -0.09 -1.18	13.90 -0.16 -0.93	13.76 -0.18 -0.83	13.68 -0.25 -0.85	13.74 -0.20 -0.83	14.48 -0.03 -0.74	14.74 0.03 -0.83	14.75 -0.01 -0.98	15.73 -0.05 -0.52	16.43 -0.06 -0.45	16.29 -0.05 -0.48	16.89 -0.13 -0.34	16.98 -0.15 -0.31	16.64 -0.11 -0.39	16.83 -0.13 -0.34	16.68 -0.13 -0.39	17.79 -0.07 -0.56	20.15 -0.06 -1.02	23.16 -0.13 -1.45	21.63 -0.14 -1.69	23.22 -0.17 -1.92	20.94 -0.14 -1.36	19.25 -0.09 -0.47	16.47 0.12 -0.76
ORANGEVILLE_WT_PWR 323706	14.19 -0.41 -1.45	13.79 -0.49 -1.15	13.63 -0.51 -1.03	13.52 -0.61 -1.05	13.59 -0.54 -1.02	14.40 -0.28 -0.91	14.70 -0.21 -1.02	14.65 -0.34 -1.20	15.45 -0.44 -0.64	16.15 -0.45 -0.55	16.05 -0.40 -0.59	16.64 -0.47 -0.41	16.67 -0.54 -0.38	16.40 -0.44 -0.48	16.56 -0.48 -0.42	16.38 -0.53 -0.48	17.54 -0.45 -0.69	19.91 -0.54 -1.26	22.76 -0.87 -1.79	21.34 -0.82 -2.08	22.88 -0.97 -2.36	20.61 -0.79 -1.68	18.85 -0.60 -0.58	16.32 -0.20 -0.93
ORANGEVILLE___ESR 323794	14.19 -0.41 -1.45	13.79 -0.49 -1.15	13.63 -0.51 -1.03	13.52 -0.61 -1.05	13.59 -0.54 -1.02	14.40 -0.28 -0.91	14.70 -0.21 -1.02	14.65 -0.34 -1.20	15.45 -0.44 -0.64	16.15 -0.45 -0.55	16.05 -0.40 -0.59	16.64 -0.47 -0.41	16.67 -0.54 -0.38	16.40 -0.44 -0.48	16.56 -0.48 -0.42	16.38 -0.53 -0.48	17.54 -0.45 -0.69	19.91 -0.54 -1.26	22.76 -0.87 -1.79	21.34 -0.82 -2.08	22.88 -0.97 -2.36	20.61 -0.79 -1.68	18.85 -0.60 -0.58	16.32 -0.20 -0.93
OSWEGATCHIE___HYD 24044	12.86 -0.53 -0.24	12.79 -0.53 -0.19	12.77 -0.51 -0.17	12.75 -0.51 -0.17	12.75 -0.52 -0.17	13.36 -0.57 -0.15	13.44 -0.61 -0.17	13.43 -0.57 -0.20	14.61 -0.75 -0.11	15.32 -0.82 -0.09	15.13 -0.83 -0.10	15.94 -0.82 -0.07	16.03 -0.86 -0.06	15.59 -0.85 -0.08	15.83 -0.87 -0.07	15.63 -0.87 -0.08	16.52 -0.90 -0.12	18.51 -0.88 -0.21	21.26 -0.87 -0.30	19.68 -0.74 -0.35	21.12 -0.75 -0.39	19.25 -0.75 -0.28	18.18 -0.79 -0.10	15.06 -0.69 -0.16
OSWEGO___5 23606	13.43 -0.43 -0.71	13.23 -0.46 -0.56	13.14 -0.47 -0.50	13.09 -0.51 -0.51	13.12 -0.48 -0.50	13.80 -0.41 -0.45	13.98 -0.40 -0.50	13.95 -0.43 -0.59	15.09 -0.47 -0.32	15.82 -0.50 -0.27	15.67 -0.48 -0.29	16.37 -0.52 -0.20	16.48 -0.54 -0.19	16.11 -0.49 -0.23	16.32 -0.52 -0.20	16.15 -0.51 -0.24	17.12 -0.52 -0.34	19.23 -0.58 -0.62	22.04 -0.68 -0.88	20.45 -0.64 -1.02	21.95 -0.69 -1.16	19.93 -0.61 -0.82	18.59 -0.57 -0.28	15.66 -0.39 -0.46
OSWEGO___6 23613	13.43 -0.43 -0.71	13.23 -0.46 -0.56	13.14 -0.47 -0.50	13.09 -0.51 -0.51	13.12 -0.48 -0.50	13.80 -0.41 -0.45	13.98 -0.40 -0.50	13.95 -0.43 -0.59	15.09 -0.47 -0.32	15.82 -0.50 -0.27	15.67 -0.48 -0.29	16.37 -0.52 -0.20	16.48 -0.54 -0.19	16.11 -0.49 -0.23	16.32 -0.52 -0.20	16.15 -0.51 -0.24	17.12 -0.52 -0.34	19.23 -0.58 -0.62	22.04 -0.68 -0.88	20.45 -0.64 -1.02	21.95 -0.69 -1.16	19.93 -0.61 -0.82	18.59 -0.57 -0.28	15.66 -0.39 -0.46
OUTOKUMPU-AB___DRP 24206	13.79 -0.60 -1.24	13.42 -0.68 -0.99	13.28 -0.71 -0.88	13.14 -0.84 -0.90	13.26 -0.72 -0.87	14.12 -0.43 -0.78	14.40 -0.36 -0.88	14.30 -0.52 -1.03	15.11 -0.69 -0.55	15.83 -0.69 -0.47	15.67 -0.70 -0.50	16.31 -0.73 -0.36	16.43 -0.72 -0.33	16.05 -0.72 -0.41	16.22 -0.76 -0.36	16.16 -0.67 -0.41	17.15 -0.74 -0.59	19.39 -0.88 -1.08	22.00 -1.38 -1.53	20.58 -1.28 -1.79	22.06 -1.46 -2.04	19.94 -1.22 -1.44	18.41 -0.96 -0.50	15.97 -0.42 -0.80
OXBOW____ 24026	13.67 -0.72 -1.24	13.31 -0.80 -0.99	13.16 -0.83 -0.88	13.03 -0.95 -0.90	13.14 -0.84 -0.87	14.01 -0.54 -0.78	14.29 -0.47 -0.88	14.17 -0.65 -1.03	15.01 -0.79 -0.55	15.70 -0.82 -0.47	15.62 -0.75 -0.50	16.16 -0.89 -0.36	16.18 -0.98 -0.33	15.92 -0.85 -0.41	16.09 -0.90 -0.36	15.88 -0.95 -0.41	17.01 -0.88 -0.59	19.21 -1.06 -1.08	21.80 -1.57 -1.53	20.40 -1.46 -1.79	21.78 -1.72 -2.03	19.76 -1.40 -1.44	18.26 -1.11 -0.50	15.85 -0.55 -0.80
OXY_CHEM_DSASP 323612	13.47 -0.91 -1.23	13.13 -0.97 -0.98	12.99 -1.00 -0.87	12.86 -1.11 -0.89	12.97 -1.01 -0.87	13.84 -0.70 -0.77	14.13 -0.62 -0.87	14.00 -0.81 -1.02	14.81 -0.99 -0.55	15.50 -1.01 -0.47	15.41 -0.95 -0.50	15.96 -1.08 -0.35	15.96 -1.19 -0.32	15.72 -1.05 -0.41	15.89 -1.10 -0.35	15.67 -1.17 -0.41	16.78 -1.11 -0.59	18.95 -1.31 -1.07	21.51 -1.86 -1.52	20.12 -1.73 -1.77	21.47 -2.02 -2.01	19.49 -1.66 -1.43	18.03 -1.34 -0.49	15.64 -0.75 -0.79
OZONE_PARK_ESR 323760	21.90 0.99 -7.76	20.19 0.92 -6.15	19.55 0.94 -5.50	19.63 0.93 -5.62	19.50 0.93 -5.46	19.64 1.01 -4.86	20.30 0.94 -5.47	21.19 0.97 -6.43	19.84 1.14 -3.45	20.31 1.30 -2.96	20.34 1.33 -3.14	20.29 1.39 -2.22	20.26 1.40 -2.03	20.31 1.39 -2.55	20.29 1.43 -2.23	20.38 1.36 -2.59	22.39 1.38 -3.70	27.35 1.40 -6.76	33.19 1.77 -9.58	32.79 1.57 -11.15	36.26 1.70 -13.09	30.26 1.56 -8.99	23.41 1.43 -3.10	21.71 1.12 -5.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	13.47 -0.91 -1.23	13.13 -0.97 -0.98	12.98 -1.00 -0.87	12.86 -1.11 -0.89	12.97 -1.01 -0.87	13.84 -0.70 -0.77	14.13 -0.62 -0.87	14.00 -0.81 -1.02	14.79 -1.01 -0.55	15.49 -1.03 -0.47	15.35 -1.02 -0.50	15.96 -1.08 -0.35	16.07 -1.08 -0.32	15.71 -1.06 -0.40	15.89 -1.10 -0.35	15.82 -1.02 -0.41	16.78 -1.11 -0.59	18.95 -1.30 -1.07	21.50 -1.86 -1.52	20.12 -1.73 -1.77	21.51 -2.00 -2.02	19.47 -1.68 -1.43	18.03 -1.34 -0.49	15.64 -0.75 -0.79
PACKARD___115KV_DUPONT_184 80571	13.47 -0.91 -1.23	13.13 -0.97 -0.98	12.98 -1.00 -0.87	12.86 -1.11 -0.89	12.97 -1.01 -0.87	13.84 -0.70 -0.77	14.13 -0.62 -0.87	14.00 -0.81 -1.02	14.79 -1.01 -0.55	15.49 -1.03 -0.47	15.35 -1.02 -0.50	15.96 -1.08 -0.35	16.07 -1.08 -0.32	15.71 -1.06 -0.40	15.89 -1.10 -0.35	15.82 -1.02 -0.41	16.78 -1.11 -0.59	18.95 -1.30 -1.07	21.50 -1.86 -1.52	20.12 -1.73 -1.77	21.51 -2.00 -2.02	19.47 -1.68 -1.43	18.03 -1.34 -0.49	15.64 -0.75 -0.79
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.90 0.99 -7.77	20.19 0.92 -6.15	19.57 0.96 -5.51	19.64 0.93 -5.63	19.50 0.93 -5.46	19.53 0.90 -4.86	20.12 0.76 -5.47	21.00 0.77 -6.43	19.64 0.95 -3.45	20.10 1.09 -2.96	20.13 1.13 -3.15	20.07 1.17 -2.22	20.04 1.18 -2.03	20.10 1.18 -2.55	20.08 1.21 -2.23	20.16 1.15 -2.59	22.18 1.18 -3.70	27.08 1.13 -6.76	32.91 1.49 -9.58	32.55 1.32 -11.15	35.98 1.42 -13.09	30.01 1.30 -8.99	23.18 1.21 -3.10	21.54 0.95 -5.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.01 1.09 -7.77	20.30 1.02 -6.15	19.69 1.07 -5.51	19.76 1.05 -5.63	19.63 1.06 -5.46	19.65 1.02 -4.86	20.23 0.87 -5.47	21.11 0.88 -6.43	19.76 1.07 -3.45	20.21 1.20 -2.96	20.17 1.16 -3.15	20.11 1.20 -2.22	20.06 1.19 -2.03	20.11 1.19 -2.55	20.09 1.23 -2.23	20.24 1.23 -2.59	22.20 1.19 -3.70	27.10 1.15 -6.76	32.95 1.53 -9.58	32.59 1.37 -11.15	36.02 1.46 -13.09	30.07 1.36 -8.99	23.22 1.25 -3.10	21.64 1.04 -5.00
PATROON__115KV_TB1 80586	23.43 0.22 -10.06	21.31 0.21 -7.97	20.45 0.21 -7.13	20.56 0.20 -7.28	20.41 0.22 -7.08	20.32 0.25 -6.30	21.25 0.28 -7.09	22.38 0.25 -8.34	20.14 0.43 -4.47	20.32 0.43 -3.84	20.35 0.41 -4.08	20.00 0.43 -2.87	19.92 0.45 -2.64	20.10 0.43 -3.31	19.94 0.42 -2.89	20.21 0.43 -3.36	22.52 0.42 -4.80	28.43 0.48 -8.76	34.76 0.50 -12.42	34.99 0.46 -14.45	37.93 0.47 -15.98	31.80 0.43 -11.65	23.31 0.42 -4.02	22.37 0.30 -6.48
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	13.83 -0.67 -1.36	13.45 -0.75 -1.07	13.30 -0.77 -0.96	13.17 -0.89 -0.98	13.28 -0.79 -0.95	14.08 -0.54 -0.85	14.35 -0.49 -0.96	14.32 -0.59 -1.12	15.12 -0.73 -0.60	15.82 -0.74 -0.52	15.68 -0.73 -0.55	16.31 -0.77 -0.39	16.41 -0.77 -0.36	16.06 -0.75 -0.45	16.22 -0.80 -0.39	16.17 -0.71 -0.45	17.19 -0.76 -0.65	19.48 -0.88 -1.18	22.22 -1.29 -1.67	20.80 -1.22 -1.95	22.33 -1.37 -2.23	20.09 -1.20 -1.57	18.42 -1.00 -0.54	15.97 -0.50 -0.87
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.94 0.85 -7.94	20.21 0.80 -6.29	19.55 0.81 -5.62	19.61 0.78 -5.74	19.49 0.80 -5.58	19.61 0.87 -4.97	20.30 0.82 -5.59	21.17 0.80 -6.58	19.70 0.93 -3.52	20.10 1.03 -3.03	20.14 1.06 -3.22	20.07 1.12 -2.27	20.03 1.13 -2.08	20.09 1.11 -2.61	20.08 1.16 -2.28	20.17 1.10 -2.65	22.30 1.21 -3.79	27.34 1.25 -6.91	33.10 1.46 -9.80	32.78 1.30 -11.40	36.28 1.44 -13.36	30.25 1.34 -9.19	23.29 1.25 -3.17	21.64 0.94 -5.11
PEEKSKILL____ 23653	21.56 0.78 -7.63	19.91 0.73 -6.05	19.25 0.73 -5.41	19.33 0.72 -5.52	19.20 0.72 -5.37	19.33 0.78 -4.78	20.00 0.74 -5.38	20.88 0.76 -6.33	19.54 0.90 -3.39	19.95 1.00 -2.91	19.94 0.98 -3.09	19.94 1.07 -2.18	19.94 1.11 -2.00	19.94 1.06 -2.51	19.92 1.10 -2.20	20.05 1.08 -2.55	22.05 1.11 -3.64	26.96 1.13 -6.65	32.64 1.38 -9.42	32.26 1.22 -10.96	35.69 1.35 -12.86	29.78 1.22 -8.84	23.06 1.13 -3.05	21.38 0.87 -4.91
PGE MADISON__WINDPWR 24146	16.23 0.84 -2.24	15.64 0.75 -1.77	15.38 0.68 -1.59	15.36 0.65 -1.62	15.36 0.68 -1.57	16.07 0.89 -1.40	16.39 0.93 -1.58	16.56 0.91 -1.85	17.16 0.91 -0.99	17.73 0.83 -0.85	17.56 0.79 -0.91	18.08 0.75 -0.64	18.14 0.72 -0.59	17.80 0.70 -0.74	18.07 0.80 -0.64	17.93 0.76 -0.75	19.23 0.86 -1.07	22.32 1.19 -1.95	26.09 1.49 -2.76	24.67 1.38 -3.21	26.71 1.59 -3.65	23.65 1.34 -2.59	20.98 1.21 -0.89	18.22 1.18 -1.44
PIERCEFIELD__HYD 23852	12.80 -0.47 -0.12	12.80 -0.42 -0.10	12.79 -0.41 -0.09	12.79 -0.38 -0.09	12.79 -0.41 -0.09	13.34 -0.51 -0.08	13.40 -0.57 -0.09	13.41 -0.48 -0.10	14.60 -0.70 -0.05	15.32 -0.77 -0.05	15.12 -0.79 -0.05	15.92 -0.80 -0.04	16.02 -0.84 -0.03	15.57 -0.83 -0.04	15.82 -0.85 -0.04	15.63 -0.84 -0.04	16.46 -0.90 -0.06	18.37 -0.92 -0.11	21.07 -0.92 -0.15	19.47 -0.78 -0.18	20.84 -0.84 -0.20	19.03 -0.83 -0.14	18.06 -0.87 -0.05	14.92 -0.75 -0.08
PINELAWN_CC_1 323563	22.04 1.16 -7.74	23.17 1.13 -8.92	22.18 1.14 -7.94	23.44 1.11 -9.25	22.10 1.13 -7.86	22.47 1.21 -7.48	20.84 1.17 -5.79	23.46 1.17 -8.50	20.00 1.31 -3.44	21.71 1.46 -4.20	21.40 1.36 -4.17	20.60 1.55 -2.36	22.68 1.63 -4.22	23.26 1.54 -5.35	21.44 1.58 -3.23	23.49 1.59 -5.47	25.57 1.61 -6.66	39.66 1.65 -18.83	43.96 2.01 -20.11	41.29 1.81 -19.41	47.33 1.95 -23.89	36.79 1.78 -15.29	25.51 1.79 -4.84	22.67 1.36 -5.72
PJM_GEN_HTP_PROXY 323702	21.76 0.88 -7.73	20.11 0.85 -6.13	19.44 0.85 -5.48	19.52 0.84 -5.60	19.39 0.84 -5.44	19.52 0.91 -4.84	20.18 0.85 -5.45	21.07 0.87 -6.41	19.72 1.04 -3.43	20.17 1.17 -2.95	20.15 1.16 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.15 1.24 -2.54	20.15 1.30 -2.23	20.29 1.28 -2.58	22.25 1.26 -3.69	27.19 1.27 -6.74	32.96 1.57 -9.55	32.59 1.40 -11.11	36.04 1.53 -13.03	30.05 1.38 -8.96	23.25 1.28 -3.09	21.57 1.00 -4.98
PJM_GEN_KEystone 24065	18.01 0.14 -4.72	16.96 0.09 -3.74	16.53 0.08 -3.35	16.54 0.04 -3.42	16.51 0.08 -3.32	16.93 0.21 -2.96	17.42 0.21 -3.33	17.88 0.18 -3.91	17.56 0.21 -2.10	18.10 0.26 -1.80	18.04 0.27 -1.91	18.30 0.27 -1.35	18.32 0.25 -1.24	18.20 0.28 -1.55	18.27 0.28 -1.36	18.26 0.26 -1.58	19.85 0.29 -2.25	23.57 0.27 -4.11	27.91 0.24 -5.83	27.04 0.18 -6.78	29.59 0.19 -7.92	25.38 0.20 -5.47	20.99 0.23 -1.89	18.91 0.28 -3.04
PJM_GEN_NEPTUNE_PROXY 323594	21.91 1.03 -7.74	21.82 1.01 -7.69	20.97 1.01 -6.85	21.70 0.98 -7.64	20.90 1.00 -6.79	21.16 1.07 -6.32	20.55 1.03 -5.64	22.42 1.05 -7.58	19.88 1.19 -3.44	21.03 1.33 -3.65	20.83 1.25 -3.71	20.38 1.40 -2.29	21.54 1.46 -3.25	21.87 1.39 -4.11	20.85 1.43 -2.79	22.05 1.43 -4.19	24.07 1.42 -5.35	34.13 1.46 -13.48	39.05 1.77 -15.44	37.40 1.59 -15.74	42.29 1.72 -19.10	33.77 1.56 -12.49	24.49 1.55 -4.07	22.17 1.18 -5.39
PJM_GEN_VFT_PROXY 323633	21.73 0.84 -7.74	20.07 0.81 -6.13	19.40 0.81 -5.48	19.48 0.80 -5.60	19.35 0.80 -5.44	19.48 0.87 -4.84	20.14 0.80 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.17 1.17 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.15 1.30 -2.23	20.29 1.28 -2.58	22.18 1.19 -3.69	27.09 1.17 -6.74	32.88 1.49 -9.55	32.49 1.30 -11.11	35.93 1.42 -13.03	29.98 1.30 -8.96	23.17 1.21 -3.09	21.56 0.98 -4.98
PLATSBURG_115KV_PMLD1 355749	13.09 -0.11 -0.05	13.15 -0.01 -0.04	13.18 0.04 -0.04	13.20 0.08 -0.04	13.21 0.07 -0.04	13.84 0.04 -0.03	13.96 0.04 -0.04	13.96 0.12 -0.04	15.38 0.11 -0.02	16.19 0.13 -0.02	16.06 0.17 -0.02	16.90 0.20 -0.01	16.96 0.12 -0.01	16.40 0.02 -0.02	16.63 -0.02 -0.01	16.31 -0.13 -0.02	17.31 -0.02 -0.02	19.29 0.06 -0.04	22.14 0.24 -0.06	20.41 0.26 -0.07	21.84 0.28 -0.08	19.97 0.20 -0.06	18.97 0.08 -0.02	15.56 -0.06 -0.03
PLEASANTVLY__LBMP 24000	22.04 0.66 -8.23	20.26 0.62 -6.52	19.57 0.63 -5.83	19.66 0.61 -5.96	19.53 0.63 -5.79	19.61 0.69 -5.15	20.34 0.65 -5.80	21.28 0.66 -6.82	19.70 0.79 -3.65	20.05 0.87 -3.14	20.09 0.89 -3.33	19.98 0.93 -2.35	19.91 0.93 -2.16	20.00 0.93 -2.71	19.95 0.95 -2.37	20.07 0.90 -2.75	22.20 0.97 -3.93	27.35 1.00 -7.17	33.18 1.18 -10.16	32.94 1.04 -11.82	36.51 1.14 -13.89	30.29 1.05 -9.53	23.16 1.00 -3.29	21.64 0.75 -5.30
PLSNTVLE_13_KV_13.8KVDIST 80602	21.78 0.80 -7.83	20.08 0.75 -6.21	19.42 0.76 -5.55	19.50 0.75 -5.67	19.37 0.75 -5.51	19.49 0.81 -4.90	20.18 0.78 -5.52	21.07 0.79 -6.49	19.66 0.93 -3.48	20.06 1.03 -2.99	20.10 1.06 -3.17	20.03 1.10 -2.24	19.99 1.11 -2.05	20.05 1.11 -2.58	20.01 1.13 -2.25	20.12 1.08 -2.61	22.18 1.14 -3.74	27.18 1.17 -6.82	32.93 1.42 -9.67	32.59 1.26 -11.25	36.06 1.37 -13.21	30.05 1.26 -9.07	23.19 1.19 -3.13	21.54 0.90 -5.04

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.78 0.80 -7.83	20.08 0.75 -6.21	19.42 0.76 -5.55	19.50 0.75 -5.67	19.37 0.75 -5.51	19.49 0.81 -4.90	20.18 0.78 -5.52	21.07 0.79 -6.49	19.66 0.93 -3.48	20.06 1.03 -2.99	20.10 1.06 -3.17	20.03 1.10 -2.24	19.99 1.11 -2.05	20.05 1.11 -2.58	20.01 1.13 -2.25	20.12 1.08 -2.61	22.18 1.14 -3.74	27.18 1.17 -6.82	32.93 1.42 -9.67	32.59 1.26 -11.25	36.06 1.37 -13.21	30.05 1.26 -9.07	23.19 1.19 -3.13	21.54 0.90 -5.04
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.10 0.76 -8.19	20.34 0.72 -6.49	19.65 0.73 -5.81	19.73 0.72 -5.93	19.62 0.75 -5.76	19.71 0.81 -5.13	20.43 0.78 -5.77	21.34 0.76 -6.79	19.77 0.88 -3.64	20.13 0.96 -3.13	20.16 0.98 -3.32	20.06 1.03 -2.34	20.02 1.04 -2.15	20.11 1.05 -2.69	20.05 1.06 -2.36	20.17 1.02 -2.73	22.30 1.09 -3.91	27.43 1.11 -7.13	33.24 1.29 -10.11	33.00 1.16 -11.77	36.54 1.31 -13.75	30.40 1.20 -9.48	23.32 1.17 -3.27	21.74 0.87 -5.27
POLETTI____ 23519	21.79 0.88 -7.76	20.10 0.83 -6.15	19.46 0.85 -5.50	19.54 0.84 -5.62	19.41 0.84 -5.46	19.52 0.90 -4.86	20.19 0.83 -5.47	21.08 0.86 -6.43	19.72 1.02 -3.45	20.18 1.17 -2.96	20.20 1.19 -3.14	20.16 1.25 -2.22	20.11 1.25 -2.03	20.16 1.24 -2.55	20.14 1.28 -2.23	20.23 1.22 -2.59	22.23 1.23 -3.70	27.15 1.21 -6.76	32.95 1.53 -9.58	32.59 1.37 -11.15	36.02 1.46 -13.09	30.05 1.34 -8.99	23.24 1.26 -3.10	21.59 1.00 -5.00
PORT_JEFF_3 23555	22.07 1.18 -7.74	23.24 1.19 -8.92	22.24 1.19 -7.94	23.52 1.19 -9.25	22.17 1.19 -7.86	22.55 1.29 -7.48	20.90 1.24 -5.79	23.56 1.27 -8.50	20.07 1.39 -3.44	21.80 1.56 -4.20	21.48 1.44 -4.17	20.68 1.64 -2.36	22.77 1.72 -4.22	23.35 1.64 -5.35	21.54 1.68 -3.23	23.60 1.71 -5.47	25.66 1.70 -6.66	39.78 1.76 -18.83	44.11 2.16 -20.11	41.37 1.89 -19.41	47.41 2.04 -23.89	36.89 1.87 -15.29	25.66 1.94 -4.84	22.75 1.43 -5.72
PORT_JEFF_4 23616	22.07 1.18 -7.74	23.24 1.19 -8.92	22.24 1.19 -7.94	23.52 1.19 -9.25	22.17 1.19 -7.86	22.55 1.29 -7.48	20.90 1.24 -5.79	23.56 1.27 -8.50	20.07 1.39 -3.44	21.80 1.56 -4.20	21.48 1.44 -4.17	20.68 1.64 -2.36	22.77 1.72 -4.22	23.35 1.64 -5.35	21.54 1.68 -3.23	23.60 1.71 -5.47	25.66 1.70 -6.66	39.78 1.76 -18.83	44.11 2.16 -20.11	41.37 1.89 -19.41	47.41 2.04 -23.89	36.89 1.87 -15.29	25.66 1.94 -4.84	22.75 1.43 -5.72
PORT_JEFF_IC 23713	22.08 1.20 -7.74	23.25 1.21 -8.92	22.25 1.21 -7.94	23.53 1.20 -9.25	22.17 1.19 -7.86	22.55 1.29 -7.48	20.92 1.25 -5.79	23.56 1.27 -8.50	20.09 1.40 -3.44	21.82 1.57 -4.20	21.49 1.46 -4.17	20.70 1.65 -2.36	22.80 1.75 -4.22	23.37 1.65 -5.35	21.57 1.71 -3.23	23.62 1.72 -5.47	25.69 1.73 -6.66	39.82 1.80 -18.83	44.15 2.20 -20.11	41.37 1.89 -19.41	47.41 2.04 -23.89	36.92 1.91 -15.29	25.68 1.96 -4.84	22.76 1.45 -5.72
PPL PILGRIM_ST_GT1 24216	22.10 1.21 -7.74	23.25 1.21 -8.92	22.25 1.21 -7.94	23.52 1.19 -9.25	22.17 1.19 -7.86	22.55 1.29 -7.48	20.92 1.25 -5.79	23.54 1.25 -8.50	20.09 1.40 -3.44	21.80 1.56 -4.20	21.48 1.44 -4.17	20.68 1.64 -2.36	22.75 1.70 -4.22	23.34 1.62 -5.35	21.52 1.66 -3.23	23.57 1.68 -5.47	25.66 1.70 -6.66	39.70 1.69 -18.83	44.02 2.08 -20.11	41.33 1.85 -19.41	47.37 2.00 -23.89	36.83 1.81 -15.29	25.64 1.93 -4.84	22.76 1.45 -5.72
PPL PILGRIM_ST_GT2 24217	22.10 1.21 -7.74	23.25 1.21 -8.92	22.25 1.21 -7.94	23.52 1.19 -9.25	22.17 1.19 -7.86	22.55 1.29 -7.48	20.92 1.25 -5.79	23.54 1.25 -8.50	20.09 1.40 -3.44	21.80 1.56 -4.20	21.48 1.44 -4.17	20.68 1.64 -2.36	22.75 1.70 -4.22	23.34 1.62 -5.35	21.52 1.66 -3.23	23.57 1.68 -5.47	25.66 1.70 -6.66	39.70 1.69 -18.83	44.02 2.08 -20.11	41.33 1.85 -19.41	47.37 2.00 -23.89	36.83 1.81 -15.29	25.64 1.93 -4.84	22.76 1.45 -5.72
PPL_SHRM_GT3 24213	21.98 1.09 -7.74	23.13 1.09 -8.92	22.14 1.10 -7.94	23.46 1.13 -9.25	22.07 1.10 -7.86	22.45 1.20 -7.48	20.81 1.14 -5.79	23.47 1.19 -8.50	19.95 1.26 -3.44	21.68 1.43 -4.20	21.33 1.30 -4.17	20.46 1.42 -2.36	22.58 1.53 -4.22	23.14 1.42 -5.35	21.32 1.46 -3.23	23.40 1.51 -5.47	25.47 1.50 -6.66	39.59 1.57 -18.83	43.93 1.99 -20.11	41.25 1.77 -19.41	47.28 1.91 -23.89	36.71 1.70 -15.29	25.51 1.79 -4.84	22.67 1.36 -5.72
PPL_SHRM_GT4 24214	21.98 1.09 -7.74	23.13 1.09 -8.92	22.14 1.10 -7.94	23.46 1.13 -9.25	22.07 1.10 -7.86	22.45 1.20 -7.48	20.81 1.14 -5.79	23.47 1.19 -8.50	19.95 1.26 -3.44	21.68 1.43 -4.20	21.33 1.30 -4.17	20.46 1.42 -2.36	22.58 1.53 -4.22	23.14 1.42 -5.35	21.32 1.46 -3.23	23.40 1.51 -5.47	25.47 1.50 -6.66	39.59 1.57 -18.83	43.93 1.99 -20.11	41.25 1.77 -19.41	47.28 1.91 -23.89	36.71 1.70 -15.29	25.51 1.79 -4.84	22.67 1.36 -5.72
PROJECT____ORANGE 1 24174	13.67 -0.25 -0.77	13.45 -0.29 -0.61	13.35 -0.30 -0.55	13.30 -0.34 -0.56	13.34 -0.31 -0.54	14.02 -0.23 -0.48	14.22 -0.21 -0.54	14.20 -0.23 -0.64	15.33 -0.26 -0.34	16.08 -0.26 -0.30	15.92 -0.25 -0.31	16.64 -0.27 -0.22	16.76 -0.27 -0.20	16.37 -0.25 -0.25	16.60 -0.25 -0.22	16.47 -0.21 -0.26	17.43 -0.24 -0.37	19.59 -0.27 -0.67	22.44 -0.35 -0.95	20.86 -0.32 -1.11	22.40 -0.34 -1.27	20.30 -0.32 -0.89	18.90 -0.28 -0.31	15.95 -0.14 -0.50
PROJECT____ORANGE 2 24166	13.67 -0.25 -0.77	13.45 -0.29 -0.61	13.35 -0.30 -0.55	13.30 -0.34 -0.56	13.34 -0.31 -0.54	14.02 -0.23 -0.48	14.22 -0.21 -0.54	14.20 -0.23 -0.64	15.33 -0.26 -0.34	16.08 -0.26 -0.30	15.92 -0.25 -0.31	16.64 -0.27 -0.22	16.76 -0.27 -0.20	16.37 -0.25 -0.25	16.60 -0.25 -0.22	16.47 -0.21 -0.26	17.43 -0.24 -0.37	19.59 -0.27 -0.67	22.44 -0.35 -0.95	20.86 -0.32 -1.11	22.40 -0.34 -1.27	20.30 -0.32 -0.89	18.90 -0.28 -0.31	15.95 -0.14 -0.50
PUCKETT____SOLAR 323809	15.79 0.22 -2.42	15.21 0.17 -1.92	14.97 0.14 -1.72	14.94 0.10 -1.75	14.96 0.14 -1.70	15.56 0.28 -1.52	15.88 0.29 -1.71	16.06 0.26 -2.01	16.57 0.24 -1.08	17.18 0.21 -0.93	17.02 0.17 -0.98	17.51 0.13 -0.69	17.58 0.12 -0.63	17.29 0.13 -0.80	17.49 0.17 -0.70	17.41 0.18 -0.81	18.72 0.26 -1.16	21.64 0.35 -2.11	25.24 0.41 -2.99	23.96 0.40 -3.48	25.88 0.45 -3.95	22.92 0.39 -2.81	20.22 0.38 -0.97	17.57 0.42 -1.56
PYRITES____HYD 24023	13.07 -0.20 -0.11	13.07 -0.14 -0.09	13.06 -0.13 -0.08	13.06 -0.10 -0.08	13.04 -0.14 -0.08	13.61 -0.23 -0.07	13.67 -0.29 -0.08	13.68 -0.21 -0.10	14.90 -0.40 -0.05	15.64 -0.45 -0.04	15.38 -0.52 -0.05	16.20 -0.52 -0.03	16.32 -0.54 -0.03	15.85 -0.56 -0.04	16.10 -0.57 -0.03	15.95 -0.51 -0.04	16.75 -0.61 -0.05	18.71 -0.58 -0.10	21.48 -0.50 -0.14	19.84 -0.40 -0.16	21.26 -0.41 -0.19	19.42 -0.43 -0.13	18.39 -0.53 -0.05	15.25 -0.42 -0.07
QUAKERRD_115KV_BK1 80622	13.42 -0.67 -0.95	13.14 -0.73 -0.75	13.02 -0.76 -0.67	12.94 -0.82 -0.69	13.00 -0.77 -0.67	13.76 -0.61 -0.59	14.01 -0.54 -0.67	13.95 -0.62 -0.78	14.95 -0.72 -0.42	15.67 -0.74 -0.36	15.52 -0.73 -0.38	16.16 -0.80 -0.27	16.28 -0.79 -0.25	15.91 -0.77 -0.31	16.10 -0.80 -0.27	16.02 -0.72 -0.32	16.97 -0.78 -0.45	19.13 -0.88 -0.82	21.83 -1.18 -1.17	20.35 -1.08 -1.36	21.83 -1.20 -1.56	19.75 -1.06 -1.10	18.33 -0.92 -0.38	15.63 -0.58 -0.61

QUENSBRY_115KV_TB8 356137	24.16 0.51 -10.50	21.93 0.49 -8.32	21.03 0.49 -7.44	21.11 0.43 -7.60	20.94 0.45 -7.38	20.82 0.48 -6.57	21.93 0.65 -7.40	23.14 0.65 -8.70	20.78 0.87 -4.66	20.97 0.91 -4.01	20.96 0.84 -4.25	20.57 0.88 -3.00	20.49 0.91 -2.75	20.62 0.80 -3.45	20.40 0.75 -3.02	20.66 0.74 -3.50	23.30 0.99 -5.01	29.44 1.11 -9.14	36.02 1.22 -12.96	36.30 1.14 -15.08	39.45 1.22 -16.75	32.94 1.06 -12.15	24.05 0.98 -4.19	23.02 0.67 -6.76
RAMAPO____LBMP 323565	21.26 0.75 -7.36	19.67 0.71 -5.84	19.05 0.72 -5.22	19.12 0.71 -5.33	19.00 0.71 -5.18	19.15 0.77 -4.61	19.79 0.72 -5.19	20.64 0.74 -6.10	19.39 0.87 -3.27	19.83 0.98 -2.81	19.84 1.00 -2.98	19.83 1.03 -2.10	19.80 1.04 -1.93	19.83 1.05 -2.42	19.81 1.06 -2.12	19.91 1.03 -2.46	21.89 1.07 -3.51	26.69 1.09 -6.41	32.26 1.33 -9.09	31.84 1.18 -10.58	35.17 1.29 -12.40	29.43 1.18 -8.53	22.93 1.11 -2.94	21.19 0.86 -4.74
RANKINE____ 23646	13.93 -0.54 -1.32	13.54 -0.63 -1.05	13.39 -0.66 -0.94	13.27 -0.77 -0.96	13.37 -0.67 -0.93	14.21 -0.39 -0.83	14.51 -0.31 -0.93	14.43 -0.46 -1.09	15.24 -0.59 -0.59	15.95 -0.59 -0.50	15.81 -0.59 -0.53	16.45 -0.62 -0.38	16.57 -0.61 -0.35	16.19 -0.61 -0.43	16.38 -0.63 -0.38	16.30 -0.56 -0.44	17.31 -0.62 -0.63	19.59 -0.75 -1.15	22.31 -1.16 -1.63	20.87 -1.10 -1.90	22.40 -1.25 -2.17	20.18 -1.06 -1.53	18.57 -0.83 -0.53	16.10 -0.34 -0.85
RAVENSWOOD_GT2_1 24244	21.78 0.89 -7.74	20.12 0.87 -6.13	19.46 0.86 -5.48	19.53 0.85 -5.60	19.40 0.85 -5.44	19.52 0.91 -4.84	20.18 0.85 -5.45	21.07 0.87 -6.41	19.71 1.02 -3.44	20.15 1.16 -2.95	20.15 1.16 -3.13	20.15 1.25 -2.21	20.15 1.30 -2.03	20.15 1.24 -2.54	20.15 1.30 -2.23	20.27 1.26 -2.58	22.24 1.25 -3.69	27.17 1.25 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.04 1.53 -13.04	30.06 1.38 -8.96	23.25 1.28 -3.09	21.57 1.00 -4.98
RAVENSWOOD_GT2_2 24245	21.78 0.89 -7.74	20.12 0.87 -6.13	19.46 0.86 -5.48	19.53 0.85 -5.60	19.40 0.85 -5.44	19.52 0.91 -4.84	20.18 0.85 -5.45	21.07 0.87 -6.41	19.71 1.02 -3.44	20.15 1.16 -2.95	20.15 1.16 -3.13	20.15 1.25 -2.21	20.15 1.30 -2.03	20.15 1.24 -2.54	20.15 1.30 -2.23	20.27 1.26 -2.58	22.24 1.25 -3.69	27.17 1.25 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.04 1.53 -13.04	30.06 1.38 -8.96	23.25 1.28 -3.09	21.57 1.00 -4.98
RAVENSWOOD_GT2_3 24246	21.79 0.91 -7.74	20.12 0.87 -6.13	19.46 0.86 -5.48	19.53 0.85 -5.60	19.40 0.85 -5.44	19.52 0.91 -4.84	20.18 0.85 -5.45	21.07 0.87 -6.41	19.72 1.04 -3.44	20.17 1.17 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.15 1.30 -2.23	20.29 1.28 -2.58	22.25 1.26 -3.69	27.19 1.27 -6.74	32.96 1.57 -9.55	32.59 1.40 -11.11	36.04 1.53 -13.04	30.06 1.38 -8.96	23.27 1.30 -3.09	21.59 1.01 -4.98
RAVENSWOOD_GT2_4 24247	21.79 0.91 -7.74	20.12 0.87 -6.13	19.46 0.86 -5.48	19.53 0.85 -5.60	19.40 0.85 -5.44	19.52 0.91 -4.84	20.18 0.85 -5.45	21.07 0.87 -6.41	19.72 1.04 -3.44	20.17 1.17 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.15 1.30 -2.23	20.29 1.28 -2.58	22.25 1.26 -3.69	27.19 1.27 -6.74	32.96 1.57 -9.55	32.59 1.40 -11.11	36.04 1.53 -13.04	30.06 1.38 -8.96	23.27 1.30 -3.09	21.59 1.01 -4.98
RAVENSWOOD_GT3_1 24248	21.78 0.89 -7.74	20.12 0.87 -6.13	19.46 0.86 -5.48	19.53 0.85 -5.60	19.40 0.85 -5.44	19.52 0.91 -4.84	20.18 0.85 -5.45	21.07 0.87 -6.41	19.72 1.04 -3.44	20.15 1.16 -2.95	20.15 1.16 -3.13	20.15 1.25 -2.21	20.15 1.30 -2.03	20.15 1.24 -2.54	20.14 1.28 -2.23	20.27 1.26 -2.58	22.24 1.25 -3.69	27.17 1.25 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.04 1.53 -13.04	30.06 1.38 -8.96	23.25 1.28 -3.09	21.59 1.01 -4.98
RAVENSWOOD_GT3_2 24249	21.78 0.89 -7.74	20.12 0.87 -6.13	19.46 0.86 -5.48	19.53 0.85 -5.60	19.40 0.85 -5.44	19.52 0.91 -4.84	20.18 0.85 -5.45	21.07 0.87 -6.41	19.72 1.04 -3.44	20.15 1.16 -2.95	20.15 1.16 -3.13	20.15 1.25 -2.21	20.15 1.30 -2.03	20.15 1.24 -2.54	20.14 1.28 -2.23	20.27 1.26 -2.58	22.24 1.25 -3.69	27.17 1.25 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.04 1.53 -13.04	30.06 1.38 -8.96	23.25 1.28 -3.09	21.59 1.01 -4.98
RAVENSWOOD_GT3_3 24250	21.79 0.91 -7.74	20.13 0.88 -6.13	19.47 0.88 -5.48	19.55 0.86 -5.60	19.42 0.86 -5.44	19.54 0.92 -4.84	20.20 0.86 -5.45	21.09 0.88 -6.41	19.74 1.05 -3.44	20.19 1.19 -2.95	20.17 1.17 -3.13	20.18 1.29 -2.21	20.17 1.31 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	32.98 1.59 -9.55	32.61 1.43 -11.11	36.06 1.55 -13.04	30.08 1.40 -8.96	23.27 1.30 -3.09	21.60 1.03 -4.98
RAVENSWOOD_GT3_4 24251	21.79 0.91 -7.74	20.13 0.88 -6.13	19.47 0.88 -5.48	19.55 0.86 -5.60	19.42 0.86 -5.44	19.54 0.92 -4.84	20.20 0.86 -5.45	21.09 0.88 -6.41	19.74 1.05 -3.44	20.19 1.19 -2.95	20.17 1.17 -3.13	20.18 1.29 -2.21	20.17 1.31 -2.03	20.17 1.26 -2.54	20.17 1.31 -2.23	20.29 1.28 -2.58	22.27 1.28 -3.69	27.19 1.27 -6.74	32.98 1.59 -9.55	32.61 1.43 -11.11	36.06 1.55 -13.04	30.08 1.40 -8.96	23.27 1.30 -3.09	21.60 1.03 -4.98
RAVENSWOOD_GT_1 23729	21.85 0.96 -7.75	20.19 0.93 -6.13	19.53 0.93 -5.49	19.61 0.92 -5.61	19.47 0.92 -5.44	19.55 0.94 -4.84	20.18 0.85 -5.45	21.06 0.86 -6.41	19.71 1.02 -3.44	20.15 1.16 -2.95	20.17 1.17 -3.13	20.17 1.27 -2.21	20.15 1.30 -2.03	20.17 1.26 -2.54	20.15 1.30 -2.23	20.29 1.28 -2.58	22.25 1.26 -3.69	27.17 1.25 -6.74	33.01 1.62 -9.55	32.61 1.43 -11.11	36.06 1.55 -13.04	30.10 1.42 -8.96	23.29 1.32 -3.09	21.60 1.03 -4.98
RAVENSWOOD_GT_10 24258	21.78 0.89 -7.74	20.12 0.87 -6.13	19.46 0.86 -5.48	19.53 0.85 -5.60	19.40 0.85 -5.44	19.52 0.91 -4.84	20.18 0.85 -5.45	21.07 0.87 -6.41	19.72 1.04 -3.44	20.17 1.17 -2.95	20.15 1.16 -3.13	20.15 1.25 -2.21	20.15 1.30 -2.03	20.15 1.24 -2.54	20.14 1.28 -2.23	20.27 1.26 -2.58	22.24 1.25 -3.69	27.17 1.25 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.04 1.53 -13.04	30.06 1.38 -8.96	23.25 1.28 -3.09	21.59 1.01 -4.98
RAVENSWOOD_GT_11 24259	21.78 0.89 -7.74	20.12 0.87 -6.13	19.46 0.86 -5.48	19.53 0.85 -5.60	19.40 0.85 -5.44	19.52 0.91 -4.84	20.18 0.85 -5.45	21.07 0.87 -6.41	19.72 1.04 -3.44	20.17 1.17 -2.95	20.15 1.16 -3.13	20.15 1.25 -2.21	20.15 1.30 -2.03	20.15 1.24 -2.54	20.14 1.28 -2.23	20.27 1.26 -2.58	22.24 1.25 -3.69	27.17 1.25 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.04 1.53 -13.04	30.06 1.38 -8.96	23.25 1.28 -3.09	21.59 1.01 -4.98
RAVENSWOOD_GT_4 24252	21.76 0.88 -7.73	20.11 0.85 -6.13	19.44 0.85 -5.48	19.52 0.84 -5.60	19.39 0.84 -5.44	19.52 0.91 -4.84	20.20 0.86 -5.45	21.09 0.88 -6.41	19.72 1.04 -3.44	20.17 1.17 -2.95	20.15 1.16 -3.13	20.15 1.25 -2.21	20.15 1.30 -2.03	20.15 1.24 -2.54	20.15 1.30 -2.23	20.27 1.26 -2.58	22.25 1.26 -3.69	27.19 1.27 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.04 1.53 -13.04	30.06 1.38 -8.96	23.25 1.28 -3.09	21.57 1.00 -4.98

RAVENSWOOD_GT_5 24254	21.76 0.88 -7.73	20.11 0.85 -6.13	19.44 0.85 -5.48	19.52 0.84 -5.60	19.39 0.84 -5.44	19.52 0.91 -4.84	20.20 0.86 -5.45	21.09 0.88 -6.41	19.72 1.04 -3.44	20.17 1.17 -2.95	20.15 1.16 -3.13	20.15 1.25 -2.21	20.15 1.30 -2.03	20.15 1.24 -2.54	20.15 1.30 -2.23	20.27 1.26 -2.58	22.25 1.26 -3.69	27.19 1.27 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.04 1.53 -13.04	30.06 1.38 -8.96	23.25 1.28 -3.09	21.57 1.00 -4.98
RAVENSWOOD_GT_6 24253	21.76 0.88 -7.73	20.11 0.85 -6.13	19.44 0.85 -5.48	19.52 0.84 -5.60	19.39 0.84 -5.44	19.52 0.91 -4.84	20.20 0.86 -5.45	21.09 0.88 -6.41	19.72 1.04 -3.44	20.17 1.17 -2.95	20.15 1.16 -3.13	20.15 1.25 -2.21	20.15 1.30 -2.03	20.15 1.24 -2.54	20.15 1.30 -2.23	20.27 1.26 -2.58	22.25 1.26 -3.69	27.19 1.27 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.04 1.53 -13.04	30.06 1.38 -8.96	23.25 1.28 -3.09	21.57 1.00 -4.98
RAVENSWOOD_GT_7 24255	21.76 0.88 -7.73	20.11 0.85 -6.13	19.44 0.85 -5.48	19.52 0.84 -5.60	19.39 0.84 -5.44	19.52 0.91 -4.84	20.20 0.86 -5.45	21.09 0.88 -6.41	19.72 1.04 -3.44	20.17 1.17 -2.95	20.15 1.16 -3.13	20.15 1.25 -2.21	20.15 1.30 -2.03	20.15 1.24 -2.54	20.15 1.30 -2.23	20.27 1.26 -2.58	22.25 1.26 -3.69	27.19 1.27 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.04 1.53 -13.04	30.06 1.38 -8.96	23.25 1.28 -3.09	21.57 1.00 -4.98
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.78 0.89 -7.74	20.12 0.87 -6.13	19.46 0.86 -5.48	19.53 0.85 -5.60	19.40 0.85 -5.44	19.52 0.91 -4.84	20.18 0.85 -5.45	21.07 0.87 -6.41	19.72 1.04 -3.44	20.17 1.17 -2.95	20.15 1.16 -3.13	20.15 1.25 -2.21	20.15 1.30 -2.03	20.15 1.24 -2.54	20.14 1.28 -2.23	20.27 1.26 -2.58	22.24 1.25 -3.69	27.17 1.25 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.04 1.53 -13.04	30.06 1.38 -8.96	23.25 1.28 -3.09	21.59 1.01 -4.98
RAVENSWOOD_GT_9 24257	21.78 0.89 -7.74	20.12 0.87 -6.13	19.46 0.86 -5.48	19.53 0.85 -5.60	19.40 0.85 -5.44	19.52 0.91 -4.84	20.18 0.85 -5.45	21.07 0.87 -6.41	19.72 1.04 -3.44	20.17 1.17 -2.95	20.15 1.16 -3.13	20.15 1.25 -2.21	20.15 1.30 -2.03	20.15 1.24 -2.54	20.14 1.28 -2.23	20.27 1.26 -2.58	22.24 1.25 -3.69	27.17 1.25 -6.74	32.96 1.57 -9.55	32.57 1.38 -11.11	36.04 1.53 -13.04	30.06 1.38 -8.96	23.25 1.28 -3.09	21.59 1.01 -4.98
RAVENSWOOD___1 23533	21.85 0.96 -7.74	20.17 0.92 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.54 0.92 -4.84	20.17 0.83 -5.45	21.05 0.84 -6.41	19.71 1.02 -3.44	20.15 1.16 -2.95	20.15 1.16 -3.13	20.15 1.25 -2.21	20.15 1.30 -2.03	20.15 1.24 -2.54	20.15 1.30 -2.23	20.27 1.26 -2.58	22.25 1.26 -3.69	27.15 1.23 -6.74	32.98 1.59 -9.55	32.59 1.40 -11.11	36.04 1.53 -13.04	30.08 1.40 -8.96	23.27 1.30 -3.09	21.59 1.01 -4.98
RAVENSWOOD___2 23534	21.84 0.95 -7.74	20.17 0.92 -6.13	19.52 0.92 -5.49	19.59 0.90 -5.61	19.46 0.90 -5.44	19.54 0.92 -4.84	20.17 0.83 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.15 1.16 -2.95	20.15 1.16 -3.13	20.15 1.25 -2.21	20.15 1.30 -2.03	20.15 1.24 -2.54	20.15 1.30 -2.23	20.27 1.26 -2.58	22.25 1.26 -3.69	27.15 1.23 -6.74	32.98 1.59 -9.55	32.59 1.40 -11.11	36.04 1.53 -13.04	30.08 1.40 -8.96	23.27 1.30 -3.09	21.59 1.01 -4.98
RAVENSWOOD___3 23535	21.78 0.89 -7.74	20.12 0.87 -6.13	19.46 0.86 -5.48	19.53 0.85 -5.60	19.40 0.85 -5.44	19.52 0.91 -4.84	20.18 0.85 -5.45	21.07 0.87 -6.41	19.72 1.04 -3.44	20.17 1.17 -2.95	20.15 1.16 -3.13	20.15 1.25 -2.21	20.15 1.30 -2.03	20.15 1.24 -2.54	20.15 1.30 -2.23	20.27 1.26 -2.58	22.25 1.26 -3.69	27.17 1.25 -6.74	32.96 1.57 -9.55	32.59 1.40 -11.11	36.04 1.53 -13.04	30.06 1.38 -8.96	23.25 1.28 -3.09	21.59 1.01 -4.98
RAVENSWOOD___4 23820	21.84 0.95 -7.74	20.17 0.92 -6.13	19.52 0.92 -5.49	19.58 0.89 -5.61	19.44 0.89 -5.44	19.54 0.92 -4.84	20.17 0.83 -5.45	21.05 0.84 -6.41	19.69 1.01 -3.44	20.14 1.14 -2.95	20.15 1.16 -3.13	20.15 1.25 -2.21	20.13 1.28 -2.03	20.15 1.24 -2.54	20.15 1.30 -2.23	20.27 1.26 -2.58	22.24 1.25 -3.69	27.15 1.23 -6.74	32.98 1.59 -9.55	32.59 1.40 -11.11	36.04 1.53 -13.04	30.08 1.40 -8.96	23.27 1.30 -3.09	21.59 1.01 -4.98
RCPL_TRUST___DRP 24196	21.82 0.91 -7.76	20.11 0.84 -6.15	19.49 0.88 -5.50	19.55 0.85 -5.62	19.42 0.85 -5.46	19.55 0.92 -4.86	20.23 0.87 -5.47	21.12 0.90 -6.43	19.75 1.05 -3.45	20.21 1.20 -2.96	20.24 1.24 -3.14	20.19 1.29 -2.22	20.16 1.30 -2.03	20.21 1.29 -2.55	20.18 1.31 -2.23	20.26 1.25 -2.59	22.28 1.28 -3.70	27.23 1.29 -6.76	33.04 1.62 -9.58	32.65 1.43 -11.15	36.09 1.52 -13.08	30.12 1.42 -8.99	23.30 1.32 -3.10	21.62 1.03 -5.00
RED___ROCHESTER 323720	13.95 -0.21 -1.02	13.63 -0.30 -0.81	13.49 -0.34 -0.72	13.40 -0.42 -0.74	13.47 -0.35 -0.72	14.30 -0.11 -0.64	14.56 -0.04 -0.72	14.48 -0.15 -0.84	15.50 -0.20 -0.45	16.24 -0.19 -0.39	16.13 -0.14 -0.41	16.80 -0.18 -0.29	16.86 -0.24 -0.27	16.54 -0.16 -0.33	16.74 -0.18 -0.29	16.55 -0.21 -0.34	17.65 -0.14 -0.49	19.90 -0.17 -0.89	22.68 -0.42 -1.26	21.13 -0.40 -1.46	22.64 -0.49 -1.66	20.52 -0.38 -1.18	19.06 -0.23 -0.41	16.26 0.02 -0.65
REGAN___SOLAR 323812	26.20 0.95 -12.11	23.61 0.89 -9.60	22.57 0.88 -8.58	22.63 0.78 -8.76	22.43 0.80 -8.52	22.24 0.89 -7.58	23.54 1.12 -8.53	24.89 1.06 -10.04	21.83 1.20 -5.38	21.84 1.17 -4.62	21.80 1.03 -4.91	21.03 0.88 -3.46	20.89 0.89 -3.17	21.12 0.77 -3.98	20.84 0.73 -3.48	21.28 0.82 -4.04	24.20 1.12 -5.78	31.15 1.42 -10.54	38.47 1.68 -14.95	39.07 1.61 -17.39	42.62 1.74 -19.40	35.29 1.56 -14.02	25.11 1.40 -4.83	24.65 1.26 -7.80
RENSSELAER___COGEN 23796	23.40 0.17 -10.08	21.28 0.17 -7.99	20.41 0.16 -7.15	20.54 0.16 -7.30	20.37 0.17 -7.09	20.29 0.21 -6.31	21.21 0.22 -7.11	22.34 0.19 -8.36	20.08 0.35 -4.48	20.26 0.37 -3.85	20.28 0.33 -4.08	19.94 0.37 -2.88	19.86 0.39 -2.64	20.04 0.36 -3.31	19.88 0.35 -2.90	20.16 0.38 -3.36	22.46 0.35 -4.81	28.35 0.38 -8.78	34.70 0.41 -12.45	34.94 0.38 -14.48	37.85 0.39 -15.98	31.75 0.36 -11.67	23.26 0.36 -4.03	22.32 0.23 -6.49
REPUBLIC_115KV_BARTNBRK 55605	24.67 1.04 -10.49	22.46 1.02 -8.31	21.55 1.01 -7.43	21.58 0.90 -7.59	21.42 0.93 -7.38	21.34 1.01 -6.56	22.58 1.30 -7.39	23.79 1.31 -8.69	21.60 1.69 -4.66	21.80 1.75 -4.00	21.63 1.52 -4.25	21.30 1.62 -3.00	21.16 1.58 -2.75	21.20 1.39 -3.45	20.94 1.30 -3.02	21.30 1.38 -3.50	24.00 1.70 -5.00	30.22 1.90 -9.13	36.86 2.07 -12.95	37.09 1.95 -15.06	40.39 2.19 -16.72	33.77 1.91 -12.14	24.80 1.74 -4.19	23.66 1.31 -6.75
REVERE_CPPR_DRP 24186	13.76 0.18 -0.43	13.59 0.13 -0.34	13.52 0.10 -0.31	13.49 0.09 -0.31	13.52 0.10 -0.30	14.23 0.19 -0.27	14.38 0.19 -0.30	14.34 0.19 -0.36	15.61 0.17 -0.19	16.37 0.16 -0.16	16.13 0.10 -0.17	16.91 0.10 -0.12	17.04 0.10 -0.11	16.59 0.08 -0.14	16.85 0.10 -0.12	16.73 0.16 -0.14	17.63 0.12 -0.21	19.81 0.25 -0.38	22.70 0.33 -0.53	21.02 0.32 -0.62	22.57 0.39 -0.71	20.53 0.32 -0.50	19.31 0.26 -0.17	16.20 0.33 -0.28

REYNOLDS_115KV_TB3 80639	23.34 0.26 -9.93	21.26 0.26 -7.87	20.41 0.26 -7.04	20.53 0.26 -7.19	20.37 0.28 -6.99	20.29 0.30 -6.22	21.20 0.32 -7.00	22.33 0.30 -8.23	20.10 0.44 -4.41	20.30 0.47 -3.79	20.33 0.44 -4.02	19.99 0.47 -2.84	19.92 0.49 -2.60	20.09 0.46 -3.27	19.95 0.47 -2.86	20.18 0.44 -3.31	22.52 0.48 -4.74	28.39 0.56 -8.65	34.67 0.57 -12.26	34.88 0.54 -14.27	37.70 0.56 -15.66	31.73 0.51 -11.50	23.35 0.51 -3.97	22.35 0.36 -6.39
RIVERBAY____ 323610	22.01 1.09 -7.77	20.30 1.02 -6.15	19.69 1.07 -5.51	19.76 1.05 -5.63	19.63 1.06 -5.46	19.65 1.02 -4.86	20.23 0.87 -5.47	21.11 0.88 -6.43	19.76 1.07 -3.45	20.21 1.20 -2.96	20.17 1.16 -3.15	20.11 1.20 -2.22	20.06 1.19 -2.03	20.11 1.19 -2.55	20.09 1.23 -2.23	20.24 1.23 -2.59	22.20 1.19 -3.70	27.10 1.15 -6.76	32.95 1.53 -9.58	32.59 1.37 -11.15	36.02 1.46 -13.09	30.07 1.36 -8.99	23.22 1.25 -3.10	21.64 1.04 -5.00
RIVERSDE_115KV_TB3 55908	23.32 0.21 -9.96	21.22 0.21 -7.89	20.38 0.21 -7.06	20.49 0.20 -7.21	20.32 0.21 -7.01	20.25 0.25 -6.23	21.16 0.26 -7.02	22.28 0.23 -8.25	20.07 0.40 -4.42	20.26 0.42 -3.80	20.29 0.40 -4.03	19.95 0.42 -2.84	19.87 0.44 -2.61	20.05 0.41 -3.27	19.89 0.40 -2.86	20.14 0.39 -3.32	22.45 0.40 -4.75	28.32 0.46 -8.67	34.61 0.48 -12.29	34.82 0.44 -14.30	37.71 0.47 -15.76	31.68 0.43 -11.53	23.27 0.42 -3.98	22.29 0.28 -6.41
ROARING____BROOK_WT_PWR 323790	12.87 -0.28 0.00	12.87 -0.25 0.00	12.89 -0.22 0.00	12.87 -0.21 0.00	12.90 -0.21 0.00	13.54 -0.23 0.00	13.66 -0.22 0.00	13.61 -0.18 0.00	15.04 -0.21 0.00	15.83 -0.21 0.00	15.66 -0.21 0.00	16.47 -0.22 0.00	16.61 -0.22 0.00	16.15 -0.21 0.00	16.40 -0.23 0.00	16.19 -0.23 0.00	17.06 -0.24 0.00	18.94 -0.25 0.00	21.58 -0.26 0.00	19.83 -0.24 0.00	21.20 -0.28 0.00	19.46 -0.26 0.00	18.59 -0.28 0.00	15.34 -0.25 0.00
ROCHESRG_115KV_T4 355643	13.77 -0.34 -0.96	13.47 -0.42 -0.76	13.35 -0.45 -0.68	13.26 -0.52 -0.70	13.33 -0.46 -0.68	14.14 -0.23 -0.60	14.40 -0.17 -0.68	14.31 -0.28 -0.80	15.33 -0.35 -0.43	16.06 -0.35 -0.37	15.92 -0.33 -0.39	16.58 -0.38 -0.28	16.71 -0.37 -0.25	16.34 -0.34 -0.32	16.52 -0.38 -0.28	16.42 -0.33 -0.32	17.41 -0.35 -0.46	19.60 -0.42 -0.84	22.35 -0.68 -1.19	20.82 -0.64 -1.39	22.33 -0.73 -1.59	20.22 -0.61 -1.12	18.81 -0.45 -0.39	16.06 -0.16 -0.62
ROCHESTER_9_IC 23652	13.86 -0.26 -0.97	13.54 -0.35 -0.77	13.42 -0.38 -0.69	13.33 -0.46 -0.70	13.40 -0.39 -0.68	14.21 -0.17 -0.61	14.48 -0.08 -0.68	14.39 -0.21 -0.81	15.41 -0.27 -0.43	16.14 -0.27 -0.37	16.02 -0.24 -0.39	16.70 -0.27 -0.28	16.83 -0.25 -0.25	16.44 -0.27 -0.32	16.64 -0.27 -0.28	16.52 -0.23 -0.32	17.54 -0.22 -0.46	19.74 -0.29 -0.85	22.49 -0.55 -1.20	20.95 -0.52 -1.40	22.47 -0.60 -1.60	20.37 -0.47 -1.12	18.94 -0.32 -0.39	16.16 -0.06 -0.63
ROCKVIEW_13_KV_LD 356306	21.76 0.85 -7.76	20.07 0.80 -6.15	19.43 0.83 -5.50	19.50 0.80 -5.62	19.37 0.80 -5.46	19.50 0.87 -4.86	20.19 0.83 -5.47	21.08 0.86 -6.43	19.69 0.99 -3.45	20.11 1.11 -2.96	20.15 1.14 -3.14	20.11 1.20 -2.22	20.07 1.21 -2.03	20.11 1.19 -2.55	20.09 1.23 -2.23	20.18 1.17 -2.59	22.23 1.23 -3.70	27.19 1.25 -6.76	32.97 1.55 -9.58	32.59 1.37 -11.15	36.04 1.48 -13.08	30.06 1.36 -8.99	23.24 1.26 -3.10	21.57 0.98 -5.00
ROME____115KV_TB2 80656	13.76 0.18 -0.43	13.59 0.13 -0.34	13.52 0.10 -0.31	13.49 0.09 -0.31	13.52 0.10 -0.30	14.23 0.19 -0.27	14.38 0.19 -0.30	14.34 0.19 -0.36	15.61 0.17 -0.19	16.37 0.16 -0.16	16.13 0.10 -0.17	16.91 0.10 -0.12	17.04 0.10 -0.11	16.59 0.08 -0.14	16.85 0.10 -0.12	16.73 0.16 -0.14	17.63 0.12 -0.21	19.81 0.25 -0.38	22.70 0.33 -0.53	21.02 0.32 -0.62	22.57 0.39 -0.71	20.53 0.32 -0.50	19.31 0.26 -0.17	16.20 0.33 -0.28
ROSETON____1 23587	21.46 0.68 -7.63	19.82 0.66 -6.05	19.17 0.66 -5.41	19.24 0.64 -5.52	19.13 0.66 -5.37	19.25 0.70 -4.77	19.94 0.68 -5.38	20.79 0.68 -6.32	19.44 0.81 -3.39	19.85 0.90 -2.91	19.84 0.89 -3.09	19.84 0.97 -2.18	19.82 0.99 -2.00	19.82 0.95 -2.51	19.80 0.98 -2.19	19.95 0.99 -2.54	21.93 0.99 -3.64	26.84 1.02 -6.64	32.48 1.22 -9.42	32.12 1.08 -10.96	35.53 1.20 -12.85	29.63 1.08 -8.83	22.96 1.04 -3.05	21.28 0.78 -4.91
ROSETON____2 23588	21.46 0.68 -7.63	19.82 0.66 -6.05	19.17 0.66 -5.41	19.24 0.64 -5.52	19.13 0.66 -5.37	19.25 0.70 -4.77	19.94 0.68 -5.38	20.79 0.68 -6.32	19.44 0.81 -3.39	19.85 0.90 -2.91	19.84 0.89 -3.09	19.84 0.97 -2.18	19.82 0.99 -2.00	19.82 0.95 -2.51	19.80 0.98 -2.19	19.95 0.99 -2.54	21.93 0.99 -3.64	26.84 1.02 -6.64	32.48 1.22 -9.42	32.12 1.08 -10.96	35.53 1.20 -12.85	29.63 1.08 -8.83	22.96 1.04 -3.05	21.28 0.78 -4.91
ROTTSDAM_115KV_TB3 80664	24.23 0.42 -10.66	21.98 0.41 -8.45	21.07 0.41 -7.56	21.19 0.39 -7.72	21.00 0.39 -7.50	20.89 0.44 -6.67	21.87 0.47 -7.52	23.10 0.47 -8.84	20.56 0.58 -4.73	20.73 0.61 -4.07	20.77 0.59 -4.32	20.34 0.60 -3.05	20.24 0.62 -2.79	20.46 0.59 -3.51	20.28 0.58 -3.07	20.57 0.59 -3.56	23.05 0.66 -5.09	29.22 0.75 -9.29	35.83 0.83 -13.16	36.16 0.76 -15.32	39.43 0.82 -17.14	32.79 0.73 -12.35	23.83 0.70 -4.26	23.00 0.55 -6.87
RUSSELL____1 23602	13.91 -0.21 -0.97	13.59 -0.30 -0.77	13.46 -0.34 -0.69	13.37 -0.42 -0.70	13.44 -0.35 -0.68	14.27 -0.11 -0.61	14.53 -0.04 -0.68	14.44 -0.15 -0.81	15.47 -0.21 -0.43	16.22 -0.19 -0.37	16.10 -0.16 -0.39	16.78 -0.18 -0.28	16.91 -0.17 -0.25	16.52 -0.16 -0.32	16.73 -0.18 -0.28	16.60 -0.15 -0.32	17.63 -0.14 -0.46	19.84 -0.19 -0.85	22.62 -0.41 -1.20	21.07 -0.40 -1.40	22.60 -0.47 -1.60	20.47 -0.37 -1.12	19.04 -0.23 -0.39	16.23 0.02 -0.63
RUSSELL____2 23532	13.91 -0.21 -0.97	13.59 -0.30 -0.77	13.46 -0.34 -0.69	13.37 -0.42 -0.70	13.44 -0.35 -0.68	14.27 -0.11 -0.61	14.53 -0.04 -0.68	14.44 -0.15 -0.81	15.47 -0.21 -0.43	16.22 -0.19 -0.37	16.10 -0.16 -0.39	16.78 -0.18 -0.28	16.91 -0.17 -0.25	16.52 -0.16 -0.32	16.73 -0.18 -0.28	16.60 -0.15 -0.32	17.63 -0.14 -0.46	19.84 -0.19 -0.85	22.62 -0.41 -1.20	21.07 -0.40 -1.40	22.60 -0.47 -1.60	20.47 -0.37 -1.12	19.04 -0.23 -0.39	16.23 0.02 -0.63
RUSSELL____3 23549	13.91 -0.21 -0.97	13.59 -0.30 -0.77	13.46 -0.34 -0.69	13.37 -0.42 -0.70	13.44 -0.35 -0.68	14.27 -0.11 -0.61	14.53 -0.04 -0.68	14.44 -0.15 -0.81	15.47 -0.21 -0.43	16.22 -0.19 -0.37	16.10 -0.16 -0.39	16.78 -0.18 -0.28	16.91 -0.17 -0.25	16.52 -0.16 -0.32	16.73 -0.18 -0.28	16.60 -0.15 -0.32	17.63 -0.14 -0.46	19.84 -0.19 -0.85	22.62 -0.41 -1.20	21.07 -0.40 -1.40	22.60 -0.47 -1.60	20.47 -0.37 -1.12	19.04 -0.23 -0.39	16.23 0.02 -0.63
RUSSELL____4 23556	13.91 -0.21 -0.97	13.59 -0.30 -0.77	13.46 -0.34 -0.69	13.37 -0.42 -0.70	13.44 -0.35 -0.68	14.27 -0.11 -0.61	14.53 -0.04 -0.68	14.44 -0.15 -0.81	15.47 -0.21 -0.43	16.22 -0.19 -0.37	16.10 -0.16 -0.39	16.78 -0.18 -0.28	16.91 -0.17 -0.25	16.52 -0.16 -0.32	16.73 -0.18 -0.28	16.60 -0.15 -0.32	17.63 -0.14 -0.46	19.84 -0.19 -0.85	22.62 -0.41 -1.20	21.07 -0.40 -1.40	22.60 -0.47 -1.60	20.47 -0.37 -1.12	19.04 -0.23 -0.39	16.23 0.02 -0.63

RUSSELL___STATION 23914	13.91 -0.21 -0.97	13.59 -0.30 -0.77	13.46 -0.34 -0.69	13.37 -0.42 -0.70	13.44 -0.35 -0.68	14.27 -0.11 -0.61	14.53 -0.04 -0.68	14.44 -0.15 -0.81	15.47 -0.21 -0.43	16.22 -0.19 -0.37	16.10 -0.16 -0.39	16.78 -0.18 -0.28	16.91 -0.17 -0.25	16.52 -0.16 -0.32	16.73 -0.18 -0.28	16.60 -0.15 -0.32	17.63 -0.14 -0.46	19.84 -0.19 -0.85	22.62 -0.41 -1.20	21.07 -0.40 -1.40	22.60 -0.47 -1.60	20.47 -0.37 -1.12	19.04 -0.23 -0.39	16.23 0.02 -0.63
S SALMON___HYD 24043	13.45 -0.35 -0.65	13.25 -0.39 -0.52	13.15 -0.42 -0.46	13.11 -0.44 -0.47	13.15 -0.42 -0.46	13.79 -0.39 -0.41	13.94 -0.40 -0.46	13.92 -0.41 -0.54	15.05 -0.49 -0.29	15.78 -0.51 -0.25	15.62 -0.51 -0.26	16.36 -0.54 -0.19	16.46 -0.52 -0.17	16.06 -0.52 -0.21	16.29 -0.53 -0.19	16.08 -0.56 -0.22	17.04 -0.57 -0.31	19.16 -0.59 -0.57	22.01 -0.63 -0.81	20.49 -0.52 -0.94	22.07 -0.47 -1.06	20.02 -0.45 -0.76	18.70 -0.43 -0.26	15.72 -0.30 -0.42
S.PERRY___115KV_TB1 80734	14.54 0.12 -1.27	14.14 0.01 -1.01	13.98 -0.03 -0.90	13.88 -0.12 -0.92	13.95 -0.05 -0.89	14.79 0.22 -0.80	15.08 0.31 -0.90	14.98 0.14 -1.05	15.80 -0.02 -0.56	16.48 -0.05 -0.49	16.35 -0.03 -0.51	17.00 -0.05 -0.36	17.11 -0.05 -0.33	16.73 -0.05 -0.42	16.95 -0.05 -0.37	16.81 -0.03 -0.42	17.96 0.05 -0.61	20.37 0.08 -1.11	23.45 0.04 -1.57	22.02 0.12 -1.82	23.70 0.13 -2.09	21.37 0.18 -1.47	19.65 0.26 -0.51	16.88 0.47 -0.82
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	13.82 -0.62 -1.29	13.45 -0.70 -1.02	13.30 -0.72 -0.91	13.18 -0.84 -0.93	13.28 -0.73 -0.91	14.14 -0.44 -0.81	14.43 -0.36 -0.91	14.34 -0.52 -1.07	15.15 -0.67 -0.57	15.86 -0.67 -0.49	15.72 -0.67 -0.52	16.34 -0.72 -0.37	16.46 -0.71 -0.34	16.09 -0.70 -0.42	16.27 -0.73 -0.37	16.20 -0.66 -0.43	17.19 -0.73 -0.61	19.45 -0.86 -1.12	22.10 -1.33 -1.59	20.68 -1.24 -1.85	22.18 -1.42 -2.12	20.01 -1.20 -1.49	18.47 -0.92 -0.51	16.02 -0.41 -0.83
SAWYER___23_KV_LOAD 55526	13.82 -0.62 -1.29	13.45 -0.70 -1.02	13.30 -0.72 -0.91	13.18 -0.84 -0.93	13.28 -0.73 -0.91	14.14 -0.44 -0.81	14.43 -0.36 -0.91	14.34 -0.52 -1.07	15.15 -0.67 -0.57	15.86 -0.67 -0.49	15.72 -0.67 -0.52	16.34 -0.72 -0.37	16.46 -0.71 -0.34	16.09 -0.70 -0.42	16.27 -0.73 -0.37	16.20 -0.66 -0.43	17.19 -0.73 -0.61	19.45 -0.86 -1.12	22.10 -1.33 -1.59	20.68 -1.24 -1.85	22.18 -1.42 -2.12	20.01 -1.20 -1.49	18.47 -0.92 -0.51	16.02 -0.41 -0.83
SELKIRK___I 23801	23.32 0.29 -9.88	21.24 0.29 -7.83	20.40 0.29 -7.01	20.50 0.26 -7.15	20.34 0.28 -6.95	20.28 0.32 -6.19	21.21 0.36 -6.97	22.31 0.33 -8.19	20.11 0.47 -4.39	20.32 0.50 -3.77	20.33 0.46 -4.00	20.00 0.48 -2.82	19.94 0.52 -2.59	20.09 0.47 -3.25	19.94 0.46 -2.84	20.21 0.49 -3.30	22.50 0.48 -4.72	28.33 0.54 -8.61	34.61 0.57 -12.20	34.82 0.54 -14.20	37.84 0.56 -15.81	31.67 0.51 -11.44	23.33 0.51 -3.95	22.33 0.37 -6.36
SELKIRK___II 23799	23.43 0.25 -10.03	21.32 0.25 -7.95	20.46 0.24 -7.11	20.58 0.24 -7.26	20.42 0.25 -7.06	20.33 0.28 -6.28	21.25 0.29 -7.07	22.39 0.28 -8.32	20.10 0.40 -4.46	20.29 0.42 -3.83	20.33 0.40 -4.07	19.99 0.43 -2.87	19.91 0.45 -2.63	20.09 0.42 -3.30	19.93 0.42 -2.89	20.21 0.44 -3.35	22.52 0.43 -4.79	28.39 0.46 -8.74	34.73 0.50 -12.39	34.95 0.46 -14.42	37.98 0.49 -16.01	31.79 0.45 -11.62	23.34 0.45 -4.01	22.38 0.33 -6.46
SENECA OSWGO___HYD 24041	13.49 -0.39 -0.74	13.27 -0.43 -0.58	13.17 -0.46 -0.52	13.12 -0.50 -0.53	13.15 -0.47 -0.52	13.83 -0.40 -0.46	14.01 -0.39 -0.52	13.99 -0.41 -0.61	15.13 -0.44 -0.33	15.86 -0.47 -0.28	15.70 -0.46 -0.30	16.41 -0.48 -0.21	16.52 -0.50 -0.19	16.15 -0.46 -0.24	16.34 -0.50 -0.21	16.18 -0.49 -0.25	17.17 -0.48 -0.35	19.29 -0.54 -0.64	22.09 -0.65 -0.91	20.55 -0.58 -1.06	22.05 -0.62 -1.20	20.00 -0.57 -0.85	18.66 -0.51 -0.29	15.72 -0.34 -0.47
SENECA___115KV_TB3 355854	13.94 -0.53 -1.32	13.56 -0.60 -1.05	13.41 -0.63 -0.94	13.28 -0.76 -0.96	13.39 -0.64 -0.93	14.23 -0.37 -0.83	14.52 -0.29 -0.93	14.44 -0.44 -1.09	15.26 -0.58 -0.59	15.99 -0.56 -0.50	15.84 -0.56 -0.53	16.48 -0.58 -0.38	16.58 -0.59 -0.35	16.23 -0.57 -0.43	16.39 -0.62 -0.38	16.32 -0.54 -0.44	17.34 -0.59 -0.63	19.63 -0.71 -1.15	22.33 -1.14 -1.63	20.89 -1.08 -1.90	22.42 -1.22 -2.17	20.20 -1.05 -1.53	18.61 -0.79 -0.53	16.13 -0.31 -0.85
SENECA___ENERGY 23797	13.96 -0.26 -1.07	13.67 -0.30 -0.85	13.54 -0.33 -0.76	13.46 -0.39 -0.77	13.52 -0.34 -0.75	14.23 -0.21 -0.67	14.47 -0.17 -0.75	14.47 -0.21 -0.89	15.48 -0.24 -0.48	16.18 -0.27 -0.41	16.04 -0.25 -0.43	16.71 -0.28 -0.31	16.81 -0.30 -0.28	16.44 -0.28 -0.35	16.65 -0.28 -0.31	16.50 -0.28 -0.36	17.57 -0.24 -0.51	19.87 -0.25 -0.93	22.83 -0.33 -1.32	21.31 -0.30 -1.54	22.88 -0.34 -1.74	20.64 -0.32 -1.24	19.04 -0.26 -0.43	16.20 -0.08 -0.69
SHOEMAKER___GT 23640	20.59 0.62 -6.82	19.12 0.59 -5.41	18.54 0.59 -4.84	18.60 0.57 -4.94	18.50 0.59 -4.80	18.69 0.65 -4.27	19.32 0.63 -4.81	20.05 0.61 -5.66	19.00 0.72 -3.03	19.42 0.77 -2.61	19.39 0.76 -2.77	19.51 0.87 -1.95	19.51 0.89 -1.79	19.48 0.87 -2.24	19.47 0.88 -1.96	19.59 0.89 -2.28	21.46 0.90 -3.26	26.05 0.92 -5.94	31.33 1.07 -8.43	30.84 0.96 -9.80	34.06 1.12 -11.47	28.63 1.01 -7.90	22.58 0.98 -2.73	20.71 0.72 -4.39
SHOEMAKR_138KV_BK 111 55601	20.62 0.63 -6.84	19.13 0.59 -5.42	18.55 0.59 -4.85	18.61 0.58 -4.95	18.51 0.59 -4.81	18.70 0.65 -4.28	19.33 0.62 -4.82	20.08 0.62 -5.67	19.00 0.72 -3.04	19.44 0.79 -2.61	19.46 0.82 -2.77	19.51 0.87 -1.95	19.50 0.88 -1.79	19.48 0.87 -2.25	19.48 0.88 -1.97	19.53 0.82 -2.28	21.46 0.90 -3.26	26.06 0.92 -5.96	31.38 1.09 -8.44	30.88 0.98 -9.82	34.03 1.07 -11.48	28.64 1.01 -7.92	22.57 0.96 -2.73	20.71 0.72 -4.40
SHOREHAM_IC_1 23715	21.98 1.09 -7.74	23.13 1.09 -8.92	22.14 1.10 -7.94	23.46 1.13 -9.25	22.07 1.10 -7.86	22.45 1.20 -7.48	20.81 1.14 -5.79	23.47 1.19 -8.50	19.95 1.26 -3.44	21.68 1.43 -4.20	21.33 1.30 -4.17	20.46 1.42 -2.36	22.58 1.53 -4.22	23.14 1.42 -5.35	21.32 1.46 -3.23	23.40 1.51 -5.47	25.47 1.50 -6.66	39.59 1.57 -18.83	43.93 1.99 -20.11	41.25 1.77 -19.41	47.28 1.91 -23.89	36.71 1.70 -15.29	25.51 1.79 -4.84	22.67 1.36 -5.72
SHOREHAM_IC_2 23716	21.98 1.09 -7.74	23.13 1.09 -8.92	22.14 1.10 -7.94	23.46 1.13 -9.25	22.07 1.10 -7.86	22.45 1.20 -7.48	20.81 1.14 -5.79	23.47 1.19 -8.50	19.95 1.26 -3.44	21.68 1.43 -4.20	21.33 1.30 -4.17	20.46 1.42 -2.36	22.58 1.53 -4.22	23.14 1.42 -5.35	21.32 1.46 -3.23	23.40 1.51 -5.47	25.47 1.50 -6.66	39.59 1.57 -18.83	43.93 1.99 -20.11	41.25 1.77 -19.41	47.28 1.91 -23.89	36.71 1.70 -15.29	25.51 1.79 -4.84	22.67 1.36 -5.72
SISSONVILLE___ 23735	12.80 -0.47 -0.12	12.80 -0.42 -0.10	12.79 -0.41 -0.09	12.79 -0.38 -0.09	12.79 -0.41 -0.09	13.34 -0.51 -0.08	13.40 -0.57 -0.09	13.41 -0.48 -0.10	14.60 -0.70 -0.05	15.32 -0.77 -0.05	15.12 -0.79 -0.05	15.92 -0.80 -0.04	16.02 -0.84 -0.03	15.57 -0.83 -0.04	15.82 -0.85 -0.04	15.63 -0.84 -0.04	16.46 -0.90 -0.06	18.37 -0.92 -0.11	21.07 -0.92 -0.15	19.47 -0.78 -0.18	20.84 -0.84 -0.20	19.03 -0.83 -0.14	18.06 -0.87 -0.05	14.92 -0.75 -0.08

SITHE_IND_GS1 24169	13.29 -0.49 -0.63	13.11 -0.51 -0.50	13.02 -0.54 -0.45	12.98 -0.56 -0.46	13.01 -0.54 -0.44	13.68 -0.48 -0.40	13.87 -0.46 -0.45	13.83 -0.48 -0.52	14.99 -0.53 -0.28	15.72 -0.56 -0.24	15.58 -0.54 -0.26	16.27 -0.60 -0.18	16.39 -0.61 -0.17	16.00 -0.57 -0.21	16.23 -0.58 -0.18	16.04 -0.59 -0.21	17.01 -0.59 -0.30	19.08 -0.65 -0.55	21.83 -0.79 -0.78	20.26 -0.72 -0.91	21.71 -0.79 -1.03	19.74 -0.71 -0.73	18.47 -0.66 -0.25	15.53 -0.47 -0.41
SITHE_IND_GS2 24170	13.29 -0.49 -0.63	13.11 -0.51 -0.50	13.02 -0.54 -0.45	12.98 -0.56 -0.46	13.01 -0.54 -0.44	13.68 -0.48 -0.40	13.87 -0.46 -0.45	13.83 -0.48 -0.52	14.99 -0.53 -0.28	15.72 -0.56 -0.24	15.58 -0.54 -0.26	16.27 -0.60 -0.18	16.39 -0.61 -0.17	16.00 -0.57 -0.21	16.23 -0.58 -0.18	16.04 -0.59 -0.21	17.01 -0.59 -0.30	19.08 -0.65 -0.55	21.83 -0.79 -0.78	20.26 -0.72 -0.91	21.71 -0.79 -1.03	19.74 -0.71 -0.73	18.47 -0.66 -0.25	15.53 -0.47 -0.41
SITHE_IND_GS3 24171	13.29 -0.49 -0.63	13.11 -0.51 -0.50	13.02 -0.54 -0.45	12.98 -0.56 -0.46	13.01 -0.54 -0.44	13.68 -0.48 -0.40	13.87 -0.46 -0.45	13.83 -0.48 -0.52	14.99 -0.53 -0.28	15.72 -0.56 -0.24	15.58 -0.54 -0.26	16.27 -0.60 -0.18	16.39 -0.61 -0.17	16.00 -0.57 -0.21	16.23 -0.58 -0.18	16.04 -0.59 -0.21	17.01 -0.59 -0.30	19.08 -0.65 -0.55	21.83 -0.79 -0.78	20.26 -0.72 -0.91	21.71 -0.79 -1.03	19.74 -0.71 -0.73	18.47 -0.66 -0.25	15.53 -0.47 -0.41
SITHE_IND_GS4 24172	13.29 -0.49 -0.63	13.11 -0.51 -0.50	13.02 -0.54 -0.45	12.98 -0.56 -0.46	13.01 -0.54 -0.44	13.68 -0.48 -0.40	13.87 -0.46 -0.45	13.83 -0.48 -0.52	14.99 -0.53 -0.28	15.72 -0.56 -0.24	15.58 -0.54 -0.26	16.27 -0.60 -0.18	16.39 -0.61 -0.17	16.00 -0.57 -0.21	16.23 -0.58 -0.18	16.04 -0.59 -0.21	17.01 -0.59 -0.30	19.08 -0.65 -0.55	21.83 -0.79 -0.78	20.26 -0.72 -0.91	21.71 -0.79 -1.03	19.74 -0.71 -0.73	18.47 -0.66 -0.25	15.53 -0.47 -0.41
SITHE___BATAVIA 24024	14.04 -0.24 -1.13	13.68 -0.34 -0.90	13.53 -0.38 -0.80	13.42 -0.48 -0.82	13.51 -0.39 -0.80	14.40 -0.08 -0.71	14.68 0.00 -0.80	14.52 -0.21 -0.94	15.46 -0.29 -0.50	16.15 -0.32 -0.43	16.04 -0.29 -0.46	16.63 -0.38 -0.32	16.65 -0.47 -0.30	16.38 -0.36 -0.37	16.56 -0.40 -0.33	16.36 -0.44 -0.38	17.51 -0.33 -0.54	19.79 -0.38 -0.99	22.54 -0.70 -1.40	21.08 -0.62 -1.62	22.57 -0.75 -1.84	20.46 -0.57 -1.31	18.95 -0.38 -0.45	16.34 0.02 -0.73
SITHE___INDEPEND 23800	13.27 -0.49 -0.61	13.08 -0.52 -0.48	13.00 -0.54 -0.43	12.96 -0.56 -0.44	13.00 -0.54 -0.43	13.67 -0.48 -0.38	13.86 -0.46 -0.43	13.82 -0.48 -0.51	14.97 -0.55 -0.27	15.72 -0.56 -0.23	15.55 -0.56 -0.25	16.26 -0.60 -0.17	16.40 -0.59 -0.16	15.99 -0.57 -0.20	16.22 -0.58 -0.18	16.07 -0.56 -0.20	17.00 -0.59 -0.29	19.07 -0.65 -0.53	21.81 -0.79 -0.76	20.23 -0.72 -0.88	21.71 -0.77 -1.01	19.72 -0.71 -0.71	18.46 -0.66 -0.24	15.52 -0.47 -0.39
SITHE___MASSENA 23902	13.08 -0.07 0.00	13.11 -0.01 0.00	13.11 0.00 0.00	13.10 0.01 0.00	13.10 -0.01 0.00	13.69 -0.08 0.00	13.74 -0.14 0.00	13.72 -0.07 0.00	15.02 -0.23 0.00	15.79 -0.26 0.00	15.61 -0.25 0.00	16.42 -0.27 0.00	16.54 -0.29 0.00	16.09 -0.28 0.00	16.35 -0.28 0.00	16.13 -0.30 0.00	16.97 -0.33 0.00	18.86 -0.33 0.00	21.55 -0.28 0.00	19.85 -0.22 0.00	21.22 -0.26 0.00	19.46 -0.26 0.00	18.57 -0.30 0.00	15.34 -0.25 0.00
SITHE___OGDNSBRG 24021	13.15 -0.09 -0.10	13.16 -0.04 -0.08	13.15 -0.03 -0.07	13.14 -0.01 -0.07	13.14 -0.04 -0.07	13.71 -0.12 -0.06	13.77 -0.18 -0.07	13.76 -0.11 -0.08	15.00 -0.29 -0.04	15.74 -0.34 -0.04	15.51 -0.40 -0.04	16.33 -0.38 -0.03	16.45 -0.40 -0.03	15.99 -0.41 -0.03	16.24 -0.42 -0.03	16.06 -0.39 -0.03	16.90 -0.45 -0.05	18.87 -0.40 -0.09	21.65 -0.31 -0.12	19.99 -0.22 -0.14	21.40 -0.24 -0.16	19.58 -0.26 -0.11	18.56 -0.36 -0.04	15.36 -0.30 -0.06
SITHE___STERLING 23777	13.79 0.13 -0.51	13.62 0.09 -0.40	13.53 0.07 -0.36	13.50 0.05 -0.37	13.53 0.07 -0.36	14.24 0.15 -0.32	14.39 0.15 -0.36	14.36 0.15 -0.42	15.61 0.14 -0.23	16.37 0.13 -0.19	16.19 0.13 -0.21	16.92 0.08 -0.15	17.05 0.08 -0.13	16.61 0.08 -0.17	16.88 0.10 -0.15	16.67 0.08 -0.17	17.66 0.12 -0.24	19.82 0.19 -0.44	22.73 0.26 -0.63	21.05 0.24 -0.73	22.61 0.30 -0.83	20.54 0.24 -0.59	19.29 0.21 -0.20	16.20 0.28 -0.33
SLEIGHT__34_KV_TB1 80719	14.13 0.01 -0.97	13.85 -0.04 -0.77	13.73 -0.07 -0.69	13.64 -0.14 -0.70	13.70 -0.09 -0.68	14.45 0.07 -0.61	14.69 0.12 -0.69	14.68 0.08 -0.81	15.79 0.11 -0.43	16.53 0.11 -0.37	16.35 0.10 -0.39	17.07 0.10 -0.28	17.18 0.10 -0.26	16.78 0.10 -0.32	17.01 0.10 -0.28	16.93 0.18 -0.32	17.92 0.16 -0.46	20.21 0.17 -0.85	23.19 0.15 -1.20	21.59 0.12 -1.40	23.19 0.11 -1.60	20.94 0.10 -1.13	19.38 0.11 -0.39	16.47 0.25 -0.63
SOUTH CAIRO___GT 23612	22.95 0.42 -9.38	20.96 0.41 -7.43	20.15 0.39 -6.65	20.24 0.37 -6.79	20.14 0.43 -6.60	20.14 0.50 -5.87	21.08 0.58 -6.61	22.05 0.48 -7.77	20.07 0.66 -4.16	20.25 0.63 -3.58	20.23 0.57 -3.80	20.04 0.67 -2.68	19.98 0.69 -2.46	20.10 0.66 -3.08	19.93 0.60 -2.70	20.19 0.64 -3.13	22.48 0.71 -4.47	28.08 0.73 -8.17	34.16 0.74 -11.58	34.29 0.74 -13.47	37.60 1.05 -15.07	31.42 0.85 -10.86	23.47 0.85 -3.74	22.18 0.55 -6.04
SOUTH HAMPTN___IC 23720	22.18 1.29 -7.74	23.33 1.29 -8.92	22.33 1.29 -7.94	23.63 1.30 -9.25	22.26 1.29 -7.86	22.66 1.41 -7.48	21.02 1.35 -5.79	23.67 1.38 -8.50	20.19 1.51 -3.44	21.93 1.68 -4.20	21.59 1.56 -4.17	20.78 1.74 -2.36	22.88 1.83 -4.22	23.44 1.72 -5.35	21.61 1.75 -3.23	23.69 1.79 -5.47	25.79 1.83 -6.66	39.95 1.94 -18.83	44.33 2.38 -20.11	41.63 2.15 -19.41	47.69 2.32 -23.89	37.08 2.07 -15.29	25.85 2.13 -4.84	22.90 1.59 -5.72
SOUTHDOW__115KV_TB1 355954	14.47 -0.12 -1.44	14.04 -0.22 -1.14	13.86 -0.26 -1.02	13.70 -0.42 -1.04	13.84 -0.28 -1.01	14.62 -0.06 -0.90	14.92 0.03 -1.01	14.97 -0.01 -1.19	15.84 -0.05 -0.64	16.62 0.03 -0.55	16.46 0.02 -0.58	17.17 0.07 -0.41	17.22 0.02 -0.38	16.84 0.00 -0.47	16.96 -0.08 -0.41	16.90 0.00 -0.48	17.97 -0.02 -0.69	20.38 -0.06 -1.25	23.28 -0.33 -1.77	21.80 -0.34 -2.06	23.41 -0.43 -2.36	21.01 -0.37 -1.66	19.15 -0.30 -0.57	16.56 0.05 -0.92
SOUTHOLD_69_KV_BK 2 55809	22.40 1.49 -7.76	23.52 1.46 -8.94	22.54 1.48 -7.95	23.84 1.49 -9.27	22.47 1.48 -7.88	22.88 1.61 -7.50	21.24 1.55 -5.80	23.92 1.61 -8.52	20.45 1.75 -3.45	22.21 1.96 -4.21	22.01 1.97 -4.18	21.07 2.02 -2.36	23.13 2.07 -4.23	23.76 2.03 -5.36	21.90 2.03 -3.24	23.76 1.86 -5.48	26.14 2.16 -6.67	40.34 2.30 -18.85	44.82 2.84 -20.14	42.09 2.57 -19.45	48.17 2.75 -23.95	37.57 2.52 -15.32	26.24 2.51 -4.85	23.17 1.84 -5.74
SOUTHOLD___IC 23719	22.37 1.49 -7.74	23.52 1.48 -8.92	22.52 1.48 -7.94	23.82 1.49 -9.25	22.45 1.48 -7.86	22.87 1.61 -7.48	21.22 1.55 -5.79	23.90 1.61 -8.50	20.44 1.75 -3.44	22.20 1.96 -4.20	21.84 1.81 -4.17	21.06 2.02 -2.36	23.17 2.12 -4.22	23.71 2.00 -5.35	21.89 2.03 -3.23	23.98 2.09 -5.47	26.12 2.16 -6.66	40.31 2.30 -18.83	44.74 2.80 -20.11	42.01 2.53 -19.41	48.10 2.73 -23.89	37.44 2.42 -15.29	26.23 2.51 -4.84	23.15 1.84 -5.72

SPIERFLS_115KV_TB 1 80737	24.10 0.45 -10.50	21.87 0.42 -8.33	20.97 0.42 -7.45	21.05 0.37 -7.60	20.88 0.38 -7.39	20.77 0.43 -6.58	21.86 0.57 -7.40	23.06 0.57 -8.71	20.68 0.76 -4.66	20.86 0.80 -4.01	20.86 0.75 -4.26	20.47 0.78 -3.00	20.39 0.81 -2.75	20.52 0.70 -3.45	20.32 0.67 -3.02	20.58 0.66 -3.50	23.18 0.87 -5.01	29.33 1.00 -9.15	35.88 1.07 -12.97	36.19 1.02 -15.09	39.32 1.07 -16.77	32.83 0.95 -12.16	23.94 0.87 -4.19	22.93 0.58 -6.76
ST LAWRENCE____ 23600	12.95 -0.20 0.00	12.98 -0.14 0.00	12.98 -0.13 0.00	12.98 -0.11 0.00	12.98 -0.13 0.00	13.55 -0.22 0.00	13.65 -0.24 0.00	13.58 -0.21 0.00	14.94 -0.30 0.00	15.72 -0.32 0.00	15.53 -0.33 0.00	16.36 -0.33 0.00	16.47 -0.35 0.00	16.01 -0.36 0.00	16.26 -0.37 0.00	16.06 -0.36 0.00	16.90 -0.40 0.00	18.78 -0.40 0.00	21.42 -0.42 0.00	19.71 -0.36 0.00	21.09 -0.39 0.00	19.34 -0.38 0.00	18.48 -0.40 0.00	15.25 -0.34 0.00
STATE_CA_115KV_115_LB 55624	23.44 0.22 -10.07	21.31 0.21 -7.98	20.46 0.21 -7.14	20.57 0.20 -7.29	20.42 0.22 -7.08	20.32 0.25 -6.30	21.26 0.28 -7.10	22.39 0.25 -8.35	20.15 0.43 -4.47	20.34 0.45 -3.85	20.35 0.41 -4.08	20.00 0.43 -2.88	19.92 0.45 -2.64	20.10 0.43 -3.31	19.94 0.42 -2.90	20.21 0.43 -3.36	22.52 0.42 -4.80	28.44 0.48 -8.77	34.77 0.50 -12.43	35.00 0.46 -14.47	37.95 0.47 -16.00	31.81 0.43 -11.66	23.31 0.42 -4.02	22.37 0.30 -6.48
STATE_ST_34_KV_LOAD 55959	14.03 -0.12 -1.00	13.77 -0.14 -0.79	13.64 -0.17 -0.71	13.55 -0.25 -0.72	13.61 -0.20 -0.70	14.31 -0.08 -0.62	14.54 -0.04 -0.70	14.56 -0.06 -0.83	15.65 -0.05 -0.44	16.38 -0.05 -0.38	16.33 0.06 -0.40	17.04 0.07 -0.28	17.16 0.07 -0.26	16.76 0.07 -0.33	17.00 0.08 -0.29	16.77 0.02 -0.33	17.90 0.12 -0.48	20.19 0.13 -0.87	23.18 0.11 -1.23	21.61 0.10 -1.43	23.22 0.11 -1.64	20.95 0.08 -1.15	19.39 0.11 -0.40	16.31 0.08 -0.64
STATION 5_MISC_HYD 23604	13.90 -0.26 -1.02	13.57 -0.35 -0.81	13.45 -0.38 -0.72	13.36 -0.46 -0.74	13.43 -0.39 -0.72	14.24 -0.16 -0.64	14.52 -0.08 -0.72	14.43 -0.21 -0.84	15.44 -0.26 -0.45	16.17 -0.26 -0.39	16.07 -0.21 -0.41	16.71 -0.27 -0.29	16.76 -0.34 -0.27	16.45 -0.25 -0.33	16.66 -0.27 -0.29	16.47 -0.30 -0.34	17.56 -0.23 -0.49	19.78 -0.29 -0.89	22.55 -0.55 -1.26	21.01 -0.52 -1.46	22.53 -0.60 -1.66	20.42 -0.47 -1.18	18.96 -0.32 -0.41	16.19 -0.06 -0.65
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	13.89 -0.21 -0.95	13.59 -0.29 -0.76	13.47 -0.31 -0.68	13.38 -0.39 -0.69	13.45 -0.33 -0.67	14.23 -0.14 -0.60	14.49 -0.07 -0.67	14.43 -0.15 -0.79	15.47 -0.20 -0.42	16.22 -0.19 -0.36	16.04 -0.21 -0.39	16.73 -0.23 -0.27	16.84 -0.24 -0.25	16.47 -0.21 -0.31	16.67 -0.23 -0.27	16.58 -0.16 -0.32	17.57 -0.19 -0.46	19.81 -0.21 -0.83	22.65 -0.37 -1.18	21.08 -0.36 -1.37	22.62 -0.43 -1.57	20.47 -0.35 -1.10	18.99 -0.26 -0.38	16.18 -0.03 -0.61
STA_56_34_KV_BUS2_REV_LBMP_B 345033	13.75 -0.37 -0.97	13.44 -0.45 -0.77	13.32 -0.47 -0.68	13.23 -0.55 -0.70	13.30 -0.49 -0.68	14.10 -0.28 -0.60	14.35 -0.21 -0.68	14.29 -0.30 -0.80	15.30 -0.38 -0.43	16.04 -0.37 -0.37	15.90 -0.35 -0.39	16.58 -0.38 -0.28	16.69 -0.39 -0.25	16.32 -0.36 -0.32	16.53 -0.38 -0.28	16.42 -0.33 -0.32	17.40 -0.36 -0.46	19.61 -0.42 -0.84	22.35 -0.68 -1.19	20.82 -0.64 -1.39	22.34 -0.73 -1.59	20.23 -0.61 -1.12	18.79 -0.47 -0.39	16.03 -0.19 -0.62
STA_56____34_KV_BUS2 355983	13.75 -0.37 -0.97	13.44 -0.45 -0.77	13.32 -0.47 -0.68	13.23 -0.55 -0.70	13.30 -0.49 -0.68	14.10 -0.28 -0.60	14.35 -0.21 -0.68	14.29 -0.30 -0.80	15.30 -0.38 -0.43	16.04 -0.37 -0.37	15.90 -0.35 -0.39	16.58 -0.38 -0.28	16.69 -0.39 -0.25	16.32 -0.36 -0.32	16.53 -0.38 -0.28	16.42 -0.33 -0.32	17.40 -0.36 -0.46	19.61 -0.42 -0.84	22.35 -0.68 -1.19	20.82 -0.64 -1.39	22.34 -0.73 -1.59	20.23 -0.61 -1.12	18.79 -0.47 -0.39	16.03 -0.19 -0.62
STA_67____115KV_BK2 355882	13.83 -0.29 -0.97	13.51 -0.38 -0.77	13.39 -0.41 -0.69	13.30 -0.48 -0.70	13.37 -0.42 -0.68	14.19 -0.19 -0.61	14.46 -0.11 -0.68	14.36 -0.23 -0.80	15.37 -0.30 -0.43	16.11 -0.30 -0.37	15.99 -0.27 -0.39	16.65 -0.32 -0.28	16.78 -0.30 -0.25	16.41 -0.28 -0.32	16.59 -0.32 -0.28	16.48 -0.26 -0.32	17.49 -0.28 -0.46	19.69 -0.35 -0.84	22.45 -0.59 -1.20	20.91 -0.56 -1.39	22.43 -0.64 -1.60	20.31 -0.53 -1.12	18.91 -0.36 -0.39	16.12 -0.09 -0.62
STA_7____115KV_9TRANS 80674	13.91 -0.21 -0.97	13.59 -0.30 -0.77	13.46 -0.34 -0.69	13.37 -0.42 -0.70	13.44 -0.35 -0.68	14.27 -0.11 -0.61	14.53 -0.04 -0.68	14.44 -0.15 -0.81	15.47 -0.21 -0.43	16.22 -0.19 -0.37	16.10 -0.16 -0.39	16.78 -0.18 -0.28	16.91 -0.17 -0.25	16.52 -0.16 -0.32	16.73 -0.18 -0.28	16.60 -0.15 -0.32	17.63 -0.14 -0.46	19.84 -0.19 -0.85	22.62 -0.41 -1.20	21.07 -0.40 -1.40	22.60 -0.47 -1.60	20.47 -0.37 -1.12	19.04 -0.23 -0.39	16.23 0.02 -0.63
STA_82____115KV_TB1 80780	13.84 -0.29 -0.98	13.53 -0.37 -0.77	13.41 -0.39 -0.69	13.32 -0.47 -0.71	13.39 -0.41 -0.69	14.20 -0.18 -0.61	14.47 -0.10 -0.69	14.38 -0.22 -0.81	15.39 -0.29 -0.43	16.13 -0.29 -0.37	16.00 -0.25 -0.40	16.67 -0.30 -0.28	16.80 -0.29 -0.26	16.42 -0.26 -0.32	16.61 -0.30 -0.28	16.50 -0.25 -0.33	17.51 -0.26 -0.47	19.71 -0.33 -0.85	22.48 -0.57 -1.21	20.94 -0.54 -1.40	22.46 -0.62 -1.61	20.34 -0.51 -1.13	18.93 -0.34 -0.39	16.14 -0.08 -0.63
STEEL____WIND 323596	13.94 -0.54 -1.33	13.56 -0.62 -1.05	13.41 -0.64 -0.94	13.27 -0.77 -0.96	13.39 -0.66 -0.93	14.23 -0.37 -0.83	14.51 -0.31 -0.94	14.44 -0.45 -1.10	15.27 -0.56 -0.59	15.97 -0.58 -0.51	15.89 -0.51 -0.54	16.47 -0.60 -0.38	16.47 -0.71 -0.35	16.21 -0.59 -0.44	16.38 -0.63 -0.38	16.18 -0.69 -0.44	17.33 -0.61 -0.63	19.61 -0.73 -1.16	22.32 -1.16 -1.64	20.90 -1.08 -1.91	22.37 -1.27 -2.16	20.21 -1.05 -1.54	18.60 -0.81 -0.53	16.12 -0.33 -0.85
STEPHTWN_115KV_BK_2 55603	23.40 0.30 -9.95	21.29 0.29 -7.88	20.43 0.28 -7.05	20.56 0.27 -7.20	20.39 0.29 -7.00	20.33 0.33 -6.23	21.27 0.37 -7.01	22.38 0.34 -8.24	20.20 0.53 -4.42	20.40 0.56 -3.80	20.42 0.52 -4.03	20.08 0.55 -2.84	20.01 0.57 -2.61	20.16 0.52 -3.27	19.99 0.50 -2.86	20.27 0.53 -3.32	22.58 0.54 -4.75	28.44 0.59 -8.66	34.77 0.66 -12.28	34.96 0.60 -14.29	37.90 0.62 -15.80	31.81 0.57 -11.52	23.40 0.55 -3.97	22.40 0.41 -6.40
STEBEN_REC_LFGE 323667	14.78 0.05 -1.58	14.33 -0.04 -1.25	14.16 -0.07 -1.12	14.06 -0.17 -1.14	14.13 -0.09 -1.11	14.91 0.15 -0.99	15.22 0.22 -1.11	15.24 0.14 -1.31	16.04 0.09 -0.70	16.74 0.10 -0.60	16.57 0.06 -0.64	17.21 0.07 -0.45	17.31 0.07 -0.41	16.93 0.05 -0.52	17.13 0.05 -0.45	17.08 0.13 -0.53	18.18 0.12 -0.75	20.72 0.15 -1.38	23.83 0.04 -1.95	22.38 0.04 -2.27	24.08 0.00 -2.60	21.57 0.02 -1.83	19.60 0.09 -0.63	16.97 0.36 -1.02
STONY____BROOK 24151	22.10 1.21 -7.74	23.25 1.21 -8.92	22.26 1.22 -7.94	23.53 1.20 -9.25	22.18 1.21 -7.86	22.56 1.31 -7.48	20.92 1.25 -5.79	23.57 1.28 -8.50	20.10 1.42 -3.44	21.84 1.59 -4.20	21.51 1.48 -4.17	20.73 1.68 -2.36	22.83 1.78 -4.22	23.40 1.69 -5.35	21.61 1.75 -3.23	23.67 1.77 -5.47	25.73 1.77 -6.66	39.86 1.84 -18.83	44.22 2.27 -20.11	41.45 1.97 -19.41	47.48 2.11 -23.89	36.97 1.95 -15.29	25.72 2.00 -4.84	22.76 1.45 -5.72

STURGEON_POOL_HYD 23609	22.26 1.17 -7.94	20.53 1.12 -6.29	19.85 1.11 -5.63	19.93 1.10 -5.75	19.85 1.15 -5.59	19.98 1.24 -4.97	20.69 1.21 -5.60	21.50 1.13 -6.58	20.04 1.27 -3.53	20.45 1.38 -3.03	20.40 1.32 -3.22	20.36 1.40 -2.27	20.30 1.40 -2.08	20.40 1.42 -2.61	20.36 1.45 -2.28	20.53 1.46 -2.65	22.63 1.54 -3.79	27.62 1.52 -6.91	33.41 1.77 -9.80	33.10 1.63 -11.40	36.55 1.91 -13.16	30.67 1.75 -9.19	23.73 1.68 -3.17	22.05 1.34 -5.11
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.97 0.71 -7.11	19.41 0.66 -5.63	18.82 0.67 -5.04	18.88 0.65 -5.15	18.78 0.67 -5.00	18.95 0.73 -4.45	19.59 0.69 -5.01	20.37 0.69 -5.89	19.21 0.81 -3.16	19.66 0.90 -2.71	19.66 0.92 -2.88	19.69 0.97 -2.03	19.67 0.98 -1.86	19.67 0.97 -2.34	19.67 1.00 -2.04	19.75 0.95 -2.37	21.70 1.00 -3.39	26.39 1.02 -6.19	31.82 1.20 -8.78	31.37 1.08 -10.21	34.62 1.18 -11.96	29.05 1.10 -8.23	22.77 1.06 -2.84	20.98 0.81 -4.58
SWANROAD_115KV_TB1 355699	13.57 -0.79 -1.21	13.20 -0.88 -0.96	13.06 -0.90 -0.86	12.95 -1.01 -0.88	13.04 -0.92 -0.85	13.92 -0.61 -0.76	14.17 -0.57 -0.85	14.01 -0.79 -1.01	14.81 -0.98 -0.54	15.50 -1.01 -0.46	15.35 -1.00 -0.49	15.97 -1.07 -0.35	16.09 -1.06 -0.32	15.73 -1.03 -0.40	15.90 -1.08 -0.35	15.84 -0.99 -0.40	16.81 -1.07 -0.58	18.98 -1.27 -1.06	21.52 -1.81 -1.50	20.13 -1.69 -1.74	21.58 -1.89 -1.99	19.51 -1.62 -1.40	18.06 -1.30 -0.48	15.67 -0.70 -0.78
SYNERGY___BIOGAS 323694	14.04 -0.24 -1.13	13.68 -0.34 -0.90	13.53 -0.38 -0.80	13.42 -0.48 -0.82	13.51 -0.39 -0.80	14.40 -0.08 -0.71	14.68 0.00 -0.80	14.52 -0.21 -0.94	15.46 -0.29 -0.50	16.15 -0.32 -0.43	16.04 -0.29 -0.46	16.63 -0.38 -0.32	16.65 -0.47 -0.30	16.38 -0.36 -0.37	16.56 -0.40 -0.33	16.36 -0.44 -0.38	17.51 -0.33 -0.54	19.79 -0.38 -0.99	22.54 -0.70 -1.40	21.08 -0.62 -1.62	22.57 -0.75 -1.84	20.46 -0.57 -1.31	18.95 -0.38 -0.45	16.34 0.02 -0.73
SYRACUSE___ENERGY_ST1 323597	13.83 -0.20 -0.88	13.58 -0.24 -0.70	13.48 -0.25 -0.63	13.42 -0.30 -0.64	13.45 -0.28 -0.62	14.14 -0.18 -0.55	14.35 -0.15 -0.62	14.34 -0.18 -0.73	15.46 -0.18 -0.39	16.19 -0.19 -0.34	16.05 -0.17 -0.36	16.72 -0.22 -0.25	16.84 -0.22 -0.23	16.46 -0.20 -0.29	16.68 -0.20 -0.25	16.52 -0.20 -0.29	17.55 -0.17 -0.42	19.74 -0.21 -0.77	22.67 -0.26 -1.09	21.10 -0.24 -1.27	22.66 -0.26 -1.44	20.50 -0.24 -1.02	19.02 -0.21 -0.35	16.08 -0.08 -0.57
SYRACUSE___ENERGY_ST2 323598	13.83 -0.20 -0.88	13.58 -0.24 -0.70	13.48 -0.25 -0.63	13.42 -0.30 -0.64	13.45 -0.28 -0.62	14.14 -0.18 -0.55	14.35 -0.15 -0.62	14.34 -0.18 -0.73	15.46 -0.18 -0.39	16.19 -0.19 -0.34	16.05 -0.17 -0.36	16.72 -0.22 -0.25	16.84 -0.22 -0.23	16.46 -0.20 -0.29	16.68 -0.20 -0.25	16.52 -0.20 -0.29	17.55 -0.17 -0.42	19.74 -0.21 -0.77	22.67 -0.26 -1.09	21.10 -0.24 -1.27	22.66 -0.26 -1.44	20.50 -0.24 -1.02	19.02 -0.21 -0.35	16.08 -0.08 -0.57
SYRACUSE___POWER 24017	13.83 -0.21 -0.90	13.58 -0.25 -0.71	13.47 -0.28 -0.64	13.42 -0.31 -0.65	13.45 -0.29 -0.63	14.14 -0.19 -0.56	14.33 -0.18 -0.63	14.34 -0.19 -0.74	15.43 -0.21 -0.40	16.16 -0.22 -0.34	16.00 -0.22 -0.36	16.71 -0.23 -0.26	16.84 -0.22 -0.23	16.45 -0.21 -0.29	16.67 -0.22 -0.26	16.54 -0.18 -0.30	17.54 -0.19 -0.43	19.76 -0.21 -0.78	22.66 -0.28 -1.11	21.10 -0.26 -1.29	22.67 -0.28 -1.47	20.50 -0.26 -1.04	19.01 -0.23 -0.36	16.06 -0.11 -0.58
TALLMAN__138KV_BK151 55660	21.32 0.79 -7.38	19.71 0.73 -5.85	19.09 0.75 -5.23	19.16 0.73 -5.34	19.03 0.73 -5.19	19.19 0.80 -4.62	19.85 0.76 -5.20	20.68 0.77 -6.12	19.44 0.91 -3.28	19.87 1.01 -2.82	19.88 1.03 -2.99	19.88 1.08 -2.11	19.86 1.09 -1.93	19.87 1.08 -2.43	19.87 1.11 -2.12	19.97 1.08 -2.46	21.95 1.12 -3.52	26.76 1.15 -6.43	32.33 1.38 -9.11	31.92 1.24 -10.60	35.26 1.35 -12.43	29.51 1.24 -8.54	22.97 1.15 -2.95	21.23 0.89 -4.75
TEALLAVE_115KV_TB7 355573	13.66 -0.25 -0.76	13.43 -0.29 -0.60	13.33 -0.31 -0.54	13.28 -0.35 -0.55	13.31 -0.33 -0.53	14.01 -0.23 -0.47	14.20 -0.22 -0.53	14.17 -0.25 -0.63	15.33 -0.26 -0.34	16.06 -0.27 -0.29	15.90 -0.27 -0.31	16.62 -0.28 -0.22	16.74 -0.29 -0.20	16.35 -0.26 -0.25	16.58 -0.27 -0.22	16.45 -0.23 -0.25	17.40 -0.26 -0.36	19.56 -0.29 -0.66	22.40 -0.37 -0.94	20.82 -0.34 -1.09	22.36 -0.37 -1.25	20.26 -0.34 -0.88	18.88 -0.30 -0.30	15.93 -0.16 -0.49
TELGRAPH_34_KV_EAST 80808	13.82 -0.49 -1.15	13.46 -0.58 -0.91	13.32 -0.60 -0.82	13.20 -0.72 -0.84	13.29 -0.63 -0.81	14.18 -0.32 -0.72	14.45 -0.25 -0.81	14.29 -0.46 -0.96	15.18 -0.58 -0.51	15.89 -0.59 -0.44	15.73 -0.60 -0.47	16.37 -0.65 -0.33	16.49 -0.64 -0.30	16.11 -0.64 -0.38	16.30 -0.67 -0.33	16.23 -0.57 -0.38	17.21 -0.64 -0.55	19.42 -0.77 -1.00	22.08 -1.18 -1.42	20.63 -1.10 -1.66	22.13 -1.25 -1.90	20.01 -1.05 -1.34	18.54 -0.79 -0.46	16.04 -0.30 -0.74
TEMPLE___115KV_TB 2 55572	13.67 -0.25 -0.77	13.45 -0.29 -0.61	13.35 -0.30 -0.55	13.30 -0.34 -0.56	13.34 -0.31 -0.54	14.02 -0.23 -0.48	14.22 -0.21 -0.54	14.20 -0.23 -0.64	15.33 -0.26 -0.34	16.08 -0.26 -0.30	15.92 -0.25 -0.31	16.64 -0.27 -0.22	16.76 -0.27 -0.20	16.37 -0.25 -0.25	16.60 -0.25 -0.22	16.47 -0.21 -0.26	17.43 -0.24 -0.37	19.59 -0.27 -0.67	22.44 -0.35 -0.95	20.86 -0.32 -1.11	22.40 -0.34 -1.27	20.30 -0.32 -0.89	18.90 -0.28 -0.31	15.95 -0.14 -0.50
TIANA____69_KV_BK 1 55817	22.15 1.24 -7.76	23.28 1.22 -8.94	22.31 1.25 -7.95	23.61 1.26 -9.27	22.24 1.25 -7.88	22.62 1.35 -7.50	20.98 1.29 -5.80	23.65 1.34 -8.52	20.14 1.45 -3.45	21.89 1.64 -4.21	21.66 1.62 -4.18	20.74 1.69 -2.36	22.81 1.75 -4.23	23.43 1.70 -5.36	21.58 1.71 -3.24	23.48 1.58 -5.48	25.77 1.80 -6.67	39.92 1.88 -18.85	44.34 2.36 -20.14	41.63 2.11 -19.45	47.68 2.26 -23.95	37.11 2.07 -15.32	25.80 2.08 -4.85	22.86 1.53 -5.74
TILDEN___115KV_TB1 80814	13.83 -0.21 -0.90	13.58 -0.25 -0.71	13.47 -0.28 -0.64	13.42 -0.31 -0.65	13.45 -0.29 -0.63	14.14 -0.19 -0.56	14.33 -0.18 -0.63	14.34 -0.19 -0.74	15.43 -0.21 -0.40	16.16 -0.22 -0.34	16.00 -0.22 -0.36	16.71 -0.23 -0.26	16.84 -0.22 -0.23	16.45 -0.21 -0.29	16.67 -0.22 -0.26	16.54 -0.18 -0.30	17.54 -0.19 -0.43	19.76 -0.21 -0.78	22.66 -0.28 -1.11	21.10 -0.26 -1.29	22.67 -0.28 -1.47	20.50 -0.26 -1.04	19.01 -0.23 -0.36	16.06 -0.11 -0.58
TRIGEN___CC 323695	21.96 1.05 -7.76	23.06 1.00 -8.94	22.08 1.02 -7.95	23.36 1.01 -9.27	22.00 1.01 -7.88	22.36 1.09 -7.50	20.74 1.06 -5.80	23.37 1.06 -8.52	19.90 1.20 -3.45	21.62 1.36 -4.21	21.42 1.38 -4.18	20.50 1.45 -2.36	22.52 1.46 -4.23	23.17 1.44 -5.36	21.35 1.48 -3.24	23.27 1.36 -5.48	25.44 1.47 -6.67	39.53 1.50 -18.85	43.81 1.83 -20.14	41.17 1.65 -19.45	47.18 1.76 -23.95	36.68 1.64 -15.32	25.31 1.59 -4.85	22.55 1.22 -5.74
TRINITY__115KV__ 4 BK 55933	23.28 0.17 -9.96	21.19 0.17 -7.90	20.34 0.17 -7.06	20.46 0.17 -7.21	20.30 0.18 -7.01	20.21 0.21 -6.24	21.14 0.24 -7.02	22.26 0.21 -8.26	20.04 0.37 -4.42	20.22 0.37 -3.80	20.26 0.36 -4.04	19.92 0.38 -2.85	19.83 0.39 -2.61	20.02 0.38 -3.28	19.86 0.37 -2.87	20.11 0.36 -3.32	22.42 0.36 -4.75	28.28 0.42 -8.68	34.58 0.44 -12.30	34.79 0.40 -14.31	37.71 0.41 -15.82	31.63 0.37 -11.54	23.21 0.36 -3.98	22.26 0.25 -6.42

UNION___PROCESSING_DRP 323587	13.85 -0.28 -0.98	13.53 -0.37 -0.77	13.41 -0.39 -0.69	13.32 -0.47 -0.71	13.39 -0.41 -0.69	14.22 -0.17 -0.61	14.47 -0.10 -0.69	14.38 -0.22 -0.81	15.39 -0.29 -0.43	16.14 -0.27 -0.37	16.00 -0.25 -0.40	16.68 -0.28 -0.28	16.81 -0.27 -0.26	16.43 -0.26 -0.32	16.63 -0.28 -0.28	16.50 -0.25 -0.33	17.52 -0.24 -0.47	19.73 -0.31 -0.85	22.48 -0.57 -1.21	20.94 -0.54 -1.40	22.48 -0.60 -1.61	20.36 -0.49 -1.13	18.93 -0.34 -0.39	16.16 -0.06 -0.63
UPPER HUDSON___HYD 24058	24.22 0.45 -10.62	21.96 0.42 -8.42	21.06 0.42 -7.53	21.14 0.37 -7.69	20.96 0.38 -7.47	20.85 0.43 -6.65	21.94 0.57 -7.49	23.16 0.57 -8.81	20.73 0.76 -4.72	20.90 0.80 -4.06	20.91 0.75 -4.30	20.51 0.78 -3.03	20.42 0.81 -2.78	20.56 0.70 -3.49	20.35 0.67 -3.06	20.69 0.72 -3.54	23.23 0.86 -5.07	29.43 1.00 -9.25	36.04 1.09 -13.11	36.36 1.02 -15.26	39.39 1.07 -16.84	32.96 0.95 -12.30	23.99 0.87 -4.24	23.01 0.58 -6.84
UPPER RAQUET___HYD 24056	12.68 -0.47 0.00	12.69 -0.43 0.00	12.70 -0.41 0.00	12.70 -0.38 0.00	12.70 -0.41 0.00	13.26 -0.51 0.00	13.31 -0.57 0.00	13.31 -0.48 0.00	14.55 -0.70 0.00	15.27 -0.77 0.00	15.09 -0.78 0.00	15.89 -0.80 0.00	16.00 -0.82 0.00	15.53 -0.83 0.00	15.78 -0.85 0.00	15.57 -0.85 0.00	16.40 -0.90 0.00	18.27 -0.92 0.00	20.92 -0.92 0.00	19.29 -0.78 0.00	20.64 -0.84 0.00	18.91 -0.81 0.00	18.01 -0.87 0.00	14.85 -0.75 0.00
VALLEY44_115KV_TB2 355964	14.04 -0.59 -1.48	13.63 -0.67 -1.17	13.48 -0.68 -1.05	13.37 -0.78 -1.07	13.45 -0.69 -1.04	14.22 -0.48 -0.93	14.50 -0.43 -1.04	14.54 -0.48 -1.23	15.31 -0.59 -0.66	16.02 -0.59 -0.57	15.87 -0.59 -0.60	16.49 -0.62 -0.42	16.59 -0.62 -0.39	16.25 -0.61 -0.49	16.41 -0.65 -0.43	16.33 -0.59 -0.49	17.40 -0.61 -0.71	19.78 -0.69 -1.29	22.66 -1.00 -1.83	21.24 -0.96 -2.13	22.82 -1.10 -2.43	20.47 -0.97 -1.71	18.66 -0.81 -0.59	16.13 -0.42 -0.95
VALLEY___115KV_TB 1-4 80826	13.41 0.14 -0.12	13.35 0.13 -0.09	13.32 0.13 -0.08	13.28 0.12 -0.09	13.32 0.13 -0.08	14.01 0.17 -0.07	14.15 0.18 -0.08	14.07 0.18 -0.10	15.53 0.23 -0.05	16.33 0.24 -0.04	16.10 0.19 -0.05	16.92 0.20 -0.03	17.06 0.20 -0.03	16.60 0.20 -0.04	16.85 0.18 -0.03	16.71 0.25 -0.04	17.53 0.17 -0.06	19.46 0.17 -0.10	22.18 0.20 -0.15	20.42 0.18 -0.17	21.88 0.21 -0.19	20.07 0.22 -0.14	19.15 0.23 -0.05	15.93 0.27 -0.08
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	15.52 0.46 -1.91	15.04 0.41 -1.51	14.86 0.39 -1.35	14.84 0.38 -1.38	14.85 0.39 -1.34	15.45 0.48 -1.20	15.73 0.50 -1.35	15.88 0.51 -1.58	16.68 0.58 -0.85	17.40 0.63 -0.73	17.33 0.70 -0.77	17.95 0.72 -0.55	18.05 0.72 -0.50	17.68 0.69 -0.63	17.93 0.75 -0.55	17.68 0.62 -0.64	18.96 0.74 -0.91	21.71 0.86 -1.66	25.18 0.98 -2.36	23.70 0.88 -2.74	25.62 0.99 -3.16	22.82 0.89 -2.21	20.45 0.81 -0.76	17.43 0.61 -1.23
VISCHER___FERRY HYD 24020	23.82 0.37 -10.30	21.65 0.37 -8.17	20.78 0.37 -7.30	20.89 0.35 -7.46	20.71 0.35 -7.25	20.62 0.40 -6.45	21.59 0.44 -7.26	22.76 0.43 -8.54	20.39 0.56 -4.57	20.55 0.58 -3.93	20.59 0.55 -4.17	20.22 0.58 -2.94	20.13 0.60 -2.70	20.33 0.57 -3.39	20.16 0.57 -2.96	20.45 0.59 -3.44	22.84 0.62 -4.92	28.89 0.73 -8.97	35.34 0.79 -12.72	35.62 0.74 -14.80	38.42 0.77 -16.17	32.36 0.71 -11.93	23.67 0.68 -4.11	22.73 0.50 -6.63
V_A_10_SYNC_DSASP 323832	13.72 -0.55 -1.12	13.39 -0.62 -0.89	13.26 -0.64 -0.80	13.16 -0.73 -0.81	13.24 -0.66 -0.79	14.10 -0.37 -0.70	14.37 -0.31 -0.79	14.27 -0.45 -0.93	15.18 -0.56 -0.50	15.90 -0.58 -0.43	15.79 -0.52 -0.45	16.38 -0.63 -0.32	16.40 -0.72 -0.29	16.13 -0.61 -0.37	16.30 -0.65 -0.32	16.11 -0.69 -0.37	17.21 -0.62 -0.54	19.42 -0.75 -0.98	22.07 -1.16 -1.39	20.60 -1.08 -1.61	22.04 -1.27 -1.83	19.97 -1.05 -1.30	18.53 -0.79 -0.45	15.97 -0.34 -0.72
V_CMM_10_SYNC_DSASP 323787	13.00 -0.14 0.00	13.03 -0.09 0.00	13.03 -0.08 0.00	13.03 -0.05 0.00	13.03 -0.08 0.00	13.61 -0.16 0.00	13.70 -0.18 0.00	13.64 -0.15 0.00	15.00 -0.24 0.00	15.77 -0.27 0.00	15.59 -0.27 0.00	16.42 -0.27 0.00	16.54 -0.29 0.00	16.09 -0.28 0.00	16.33 -0.30 0.00	16.13 -0.30 0.00	16.97 -0.33 0.00	18.86 -0.33 0.00	21.51 -0.33 0.00	19.81 -0.26 0.00	21.18 -0.30 0.00	19.42 -0.30 0.00	18.56 -0.32 0.00	15.31 -0.28 0.00
V_CMP_10_SYNC_DSASP 323788	13.04 -0.11 0.00	13.11 -0.01 0.00	13.15 0.04 0.00	13.16 0.08 0.00	13.17 0.07 0.00	13.81 0.04 0.00	13.92 0.04 0.00	13.91 0.12 0.00	15.34 0.09 0.00	16.17 0.13 0.00	15.97 0.11 0.00	16.89 0.20 0.00	16.95 0.12 0.00	16.38 0.02 0.00	16.61 -0.02 0.00	16.36 -0.07 0.00	17.28 -0.02 0.00	19.24 0.06 0.00	22.08 0.24 0.00	20.34 0.26 0.00	21.76 0.28 0.00	19.92 0.20 0.00	18.95 0.08 0.00	15.53 -0.06 0.00
V_E_10_SYNC_DSASP 323830	16.23 0.84 -2.24	15.64 0.75 -1.77	15.38 0.68 -1.59	15.36 0.65 -1.62	15.36 0.68 -1.57	16.07 0.89 -1.40	16.39 0.93 -1.58	16.56 0.91 -1.85	17.16 0.91 -0.99	17.73 0.83 -0.85	17.56 0.79 -0.91	18.08 0.75 -0.64	18.14 0.72 -0.59	17.80 0.70 -0.74	18.07 0.80 -0.64	17.93 0.76 -0.75	19.23 0.86 -1.07	22.32 1.19 -1.95	26.09 1.49 -2.76	24.67 1.38 -3.21	26.71 1.59 -3.65	23.65 1.34 -2.59	20.98 1.21 -0.89	18.22 1.18 -1.44
V_F_30_NSYNC___DSASP 323816	24.26 0.54 -10.58	22.03 0.53 -8.38	21.13 0.52 -7.50	21.24 0.50 -7.66	21.05 0.50 -7.44	20.94 0.55 -6.62	21.98 0.64 -7.46	23.19 0.63 -8.77	20.74 0.79 -4.70	20.92 0.83 -4.04	20.94 0.79 -4.29	20.54 0.83 -3.02	20.46 0.86 -2.77	20.63 0.79 -3.48	20.44 0.77 -3.04	20.76 0.80 -3.53	23.26 0.92 -5.05	29.43 1.04 -9.21	36.03 1.13 -13.06	36.33 1.06 -15.19	39.34 1.12 -16.74	32.97 1.01 -12.25	24.06 0.96 -4.22	23.11 0.70 -6.81
V_F_30_SYNC_DSASP 323786	23.58 0.22 -10.20	21.42 0.21 -8.09	20.55 0.21 -7.23	20.67 0.20 -7.39	20.51 0.22 -7.18	20.41 0.25 -6.39	21.35 0.28 -7.19	22.50 0.25 -8.46	20.21 0.43 -4.53	20.39 0.45 -3.90	20.41 0.41 -4.13	20.04 0.43 -2.92	19.97 0.47 -2.67	20.15 0.42 -3.36	19.98 0.42 -2.94	20.27 0.44 -3.40	22.58 0.41 -4.87	28.55 0.48 -8.89	34.94 0.50 -12.60	35.20 0.46 -14.66	38.12 0.47 -16.17	31.97 0.43 -11.82	23.37 0.41 -4.07	22.46 0.30 -6.57
V_XM_10_SYNC_DSASP 323789	13.04 -0.11 0.00	13.11 -0.01 0.00	13.15 0.04 0.00	13.16 0.08 0.00	13.17 0.07 0.00	13.81 0.04 0.00	13.92 0.04 0.00	13.91 0.12 0.00	15.34 0.09 0.00	16.17 0.13 0.00	15.97 0.11 0.00	16.89 0.20 0.00	16.95 0.12 0.00	16.38 0.02 0.00	16.61 -0.02 0.00	16.36 -0.07 0.00	17.28 -0.02 0.00	19.24 0.06 0.00	22.08 0.24 0.00	20.34 0.26 0.00	21.76 0.28 0.00	19.92 0.20 0.00	18.95 0.08 0.00	15.53 -0.06 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.39 0.82 -7.43	19.77 0.76 -5.89	19.15 0.77 -5.26	19.22 0.76 -5.38	19.11 0.77 -5.23	19.25 0.83 -4.65	19.91 0.79 -5.23	20.75 0.80 -6.16	19.49 0.95 -3.30	19.94 1.06 -2.84	19.93 1.06 -3.01	19.95 1.13 -2.12	19.90 1.13 -1.95	19.94 1.13 -2.44	19.91 1.15 -2.14	20.02 1.12 -2.48	22.02 1.18 -3.54	26.84 1.19 -6.47	32.43 1.42 -9.17	32.03 1.28 -10.67	35.39 1.40 -12.51	29.60 1.28 -8.60	23.05 1.21 -2.97	21.31 0.94 -4.78

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.82 0.91 -7.76	20.11 0.84 -6.15	19.49 0.88 -5.50	19.55 0.85 -5.62	19.42 0.85 -5.46	19.55 0.92 -4.86	20.23 0.87 -5.47	21.12 0.90 -6.43	19.75 1.05 -3.45	20.21 1.20 -2.96	20.24 1.24 -3.14	20.19 1.29 -2.22	20.16 1.30 -2.03	20.21 1.29 -2.55	20.18 1.31 -2.23	20.26 1.25 -2.59	22.28 1.28 -3.70	27.23 1.29 -6.76	33.04 1.62 -9.58	32.65 1.43 -11.15	36.09 1.52 -13.08	30.12 1.42 -8.99	23.30 1.32 -3.10	21.62 1.03 -5.00
W50THST__13_KV_LOAD 356117	21.87 0.96 -7.76	20.17 0.89 -6.15	19.54 0.93 -5.50	19.60 0.90 -5.62	19.47 0.90 -5.46	19.61 0.98 -4.86	20.28 0.93 -5.47	21.18 0.95 -6.43	19.82 1.13 -3.45	20.29 1.28 -2.96	20.31 1.30 -3.14	20.27 1.37 -2.22	20.22 1.36 -2.03	20.28 1.36 -2.55	20.26 1.40 -2.23	20.34 1.33 -2.59	22.37 1.37 -3.70	27.33 1.38 -6.76	33.15 1.73 -9.58	32.75 1.53 -11.15	36.19 1.63 -13.08	30.20 1.50 -8.99	23.37 1.40 -3.10	21.68 1.09 -5.00
WADING RIVER_IC_1 23522	21.95 1.06 -7.74	23.12 1.08 -8.92	22.12 1.08 -7.94	23.43 1.10 -9.25	22.06 1.09 -7.86	22.44 1.18 -7.48	20.78 1.11 -5.79	23.45 1.16 -8.50	19.92 1.23 -3.44	21.64 1.40 -4.20	21.32 1.28 -4.17	20.46 1.42 -2.36	22.56 1.52 -4.22	23.13 1.41 -5.35	21.31 1.45 -3.23	23.39 1.49 -5.47	25.47 1.50 -6.66	39.57 1.55 -18.83	43.91 1.97 -20.11	41.21 1.73 -19.41	47.24 1.87 -23.89	36.69 1.68 -15.29	25.49 1.77 -4.84	22.65 1.34 -5.72
WADING RIVER_IC_2 23547	21.95 1.06 -7.74	23.12 1.08 -8.92	22.12 1.08 -7.94	23.43 1.10 -9.25	22.06 1.09 -7.86	22.44 1.18 -7.48	20.78 1.11 -5.79	23.45 1.16 -8.50	19.92 1.23 -3.44	21.64 1.40 -4.20	21.32 1.28 -4.17	20.46 1.42 -2.36	22.56 1.52 -4.22	23.13 1.41 -5.35	21.31 1.45 -3.23	23.39 1.49 -5.47	25.47 1.50 -6.66	39.57 1.55 -18.83	43.91 1.97 -20.11	41.21 1.73 -19.41	47.24 1.87 -23.89	36.69 1.68 -15.29	25.49 1.77 -4.84	22.65 1.34 -5.72
WADING RIVER_IC_3 23601	21.95 1.06 -7.74	23.12 1.08 -8.92	22.12 1.08 -7.94	23.43 1.10 -9.25	22.06 1.09 -7.86	22.44 1.18 -7.48	20.78 1.11 -5.79	23.45 1.16 -8.50	19.92 1.23 -3.44	21.64 1.40 -4.20	21.32 1.28 -4.17	20.46 1.42 -2.36	22.56 1.52 -4.22	23.13 1.41 -5.35	21.31 1.45 -3.23	23.39 1.49 -5.47	25.47 1.50 -6.66	39.57 1.55 -18.83	43.91 1.97 -20.11	41.21 1.73 -19.41	47.24 1.87 -23.89	36.69 1.68 -15.29	25.49 1.77 -4.84	22.65 1.34 -5.72
WALDENNY_12_KV_BK2 80841	13.92 -0.54 -1.31	13.54 -0.62 -1.04	13.39 -0.64 -0.93	13.26 -0.77 -0.95	13.37 -0.66 -0.92	14.22 -0.37 -0.82	14.50 -0.31 -0.92	14.42 -0.46 -1.09	15.24 -0.59 -0.58	15.95 -0.59 -0.50	15.81 -0.59 -0.53	16.45 -0.62 -0.37	16.57 -0.61 -0.34	16.19 -0.61 -0.43	16.37 -0.63 -0.38	16.30 -0.56 -0.44	17.32 -0.61 -0.62	19.58 -0.75 -1.14	22.28 -1.18 -1.62	20.85 -1.10 -1.88	22.36 -1.27 -2.15	20.17 -1.06 -1.52	18.57 -0.83 -0.52	16.09 -0.34 -0.84
WALDEN__HYDRO 24148	21.38 0.84 -7.39	19.79 0.81 -5.86	19.15 0.80 -5.24	19.22 0.78 -5.35	19.12 0.81 -5.20	19.28 0.88 -4.63	19.94 0.85 -5.21	20.73 0.81 -6.13	19.46 0.93 -3.28	19.88 1.01 -2.82	19.86 1.00 -3.00	19.87 1.07 -2.11	19.86 1.09 -1.94	19.86 1.06 -2.43	19.85 1.10 -2.13	19.97 1.08 -2.47	21.97 1.14 -3.53	26.79 1.17 -6.44	32.34 1.38 -9.13	31.96 1.27 -10.62	35.37 1.53 -12.37	29.62 1.34 -8.56	23.11 1.28 -2.95	21.32 0.97 -4.76
WARRENSBURG____ 23737	24.22 0.45 -10.62	21.96 0.42 -8.42	21.06 0.42 -7.53	21.14 0.37 -7.69	20.96 0.38 -7.47	20.85 0.43 -6.65	21.94 0.57 -7.49	23.16 0.57 -8.81	20.73 0.76 -4.72	20.90 0.80 -4.06	20.91 0.75 -4.30	20.51 0.78 -3.03	20.42 0.81 -2.78	20.56 0.70 -3.49	20.35 0.67 -3.06	20.69 0.72 -3.54	23.23 0.86 -5.07	29.43 1.00 -9.25	36.04 1.09 -13.11	36.36 1.02 -15.26	39.39 1.07 -16.84	32.96 0.95 -12.30	23.99 0.87 -4.24	23.01 0.58 -6.84
WATERSIDE____6 8 9 23538	21.86 0.95 -7.77	20.15 0.88 -6.15	19.53 0.92 -5.51	19.60 0.89 -5.63	19.46 0.89 -5.46	19.55 0.92 -4.86	20.19 0.83 -5.47	21.07 0.84 -6.43	19.70 1.01 -3.45	20.16 1.16 -2.96	20.20 1.19 -3.15	20.16 1.25 -2.22	20.11 1.25 -2.03	20.16 1.24 -2.55	20.16 1.30 -2.23	20.23 1.22 -2.59	22.25 1.25 -3.70	27.17 1.23 -6.76	33.02 1.59 -9.58	32.63 1.41 -11.15	36.07 1.50 -13.09	30.11 1.40 -8.99	23.28 1.30 -3.10	21.60 1.01 -5.00
WATKINRD_115KV_LN8_ILLION 55919	13.37 0.11 -0.12	13.31 0.09 -0.09	13.27 0.08 -0.08	13.25 0.08 -0.09	13.28 0.09 -0.08	13.97 0.12 -0.07	14.09 0.12 -0.08	14.01 0.12 -0.10	15.45 0.15 -0.05	16.25 0.16 -0.04	16.04 0.13 -0.05	16.86 0.13 -0.03	16.99 0.13 -0.03	16.54 0.13 -0.04	16.80 0.13 -0.03	16.63 0.16 -0.04	17.50 0.14 -0.06	19.44 0.15 -0.10	22.16 0.17 -0.15	20.40 0.16 -0.17	21.84 0.17 -0.19	20.03 0.18 -0.14	19.09 0.17 -0.05	15.86 0.19 -0.08
WATSON____69_KV_BK 1 55734	22.21 1.30 -7.76	23.34 1.27 -8.94	22.35 1.28 -7.95	23.63 1.28 -9.27	22.26 1.27 -7.88	22.65 1.38 -7.50	21.02 1.33 -5.80	23.66 1.35 -8.52	20.19 1.49 -3.45	21.93 1.67 -4.21	21.71 1.67 -4.18	20.79 1.74 -2.36	22.82 1.77 -4.23	23.46 1.73 -5.36	21.63 1.76 -3.24	23.55 1.64 -5.48	25.79 1.82 -6.67	39.95 1.92 -18.85	44.34 2.36 -20.14	41.65 2.13 -19.45	47.68 2.26 -23.95	37.13 2.09 -15.32	25.78 2.06 -4.85	22.89 1.56 -5.74
WDELAWARE__HYD 323627	20.83 1.04 -6.64	19.38 1.00 -5.27	18.80 0.98 -4.71	18.85 0.95 -4.81	18.79 1.01 -4.67	19.03 1.10 -4.16	19.63 1.07 -4.68	20.30 1.01 -5.51	19.30 1.10 -2.95	19.77 1.19 -2.54	19.73 1.17 -2.69	19.74 1.15 -1.90	19.75 1.18 -1.74	19.71 1.16 -2.18	19.72 1.18 -1.91	19.79 1.15 -2.22	21.70 1.23 -3.17	26.24 1.27 -5.79	31.55 1.51 -8.20	31.00 1.38 -9.54	34.21 1.70 -11.04	28.87 1.46 -7.69	22.95 1.42 -2.65	21.06 1.18 -4.28
WEST BABYLON__IC 23714	22.17 1.26 -7.76	23.28 1.22 -8.94	22.29 1.23 -7.95	23.57 1.22 -9.27	22.21 1.22 -7.88	22.59 1.32 -7.50	20.96 1.28 -5.80	23.59 1.28 -8.52	20.13 1.43 -3.45	21.86 1.60 -4.21	21.64 1.60 -4.18	20.72 1.67 -2.36	22.76 1.70 -4.23	23.40 1.67 -5.36	21.56 1.70 -3.24	23.46 1.56 -5.48	25.70 1.73 -6.67	39.84 1.80 -18.85	44.21 2.23 -20.14	41.53 2.01 -19.45	47.57 2.15 -23.95	37.03 1.99 -15.32	25.67 1.94 -4.85	22.81 1.48 -5.74
WEST CANADA__HYD 24049	13.14 -0.01 0.00	13.10 -0.03 0.00	13.08 -0.03 0.00	13.04 -0.04 0.00	13.08 -0.03 0.00	13.76 -0.01 0.00	13.88 0.00 0.00	13.78 -0.01 0.00	15.25 0.00 0.00	16.04 0.00 0.00	15.86 0.00 0.00	16.69 0.00 0.00	16.83 0.00 0.00	16.37 0.00 0.00	16.65 0.02 0.00	16.44 0.02 0.00	17.32 0.02 0.00	19.21 0.02 0.00	21.86 0.02 0.00	20.08 0.00 0.00	21.50 0.02 0.00	19.74 0.02 0.00	18.88 0.00 0.00	15.61 0.02 0.00
WESTERN_NY_WIND 24143	14.04 -0.25 -1.14	13.66 -0.37 -0.90	13.52 -0.39 -0.81	13.40 -0.51 -0.83	13.50 -0.41 -0.80	14.39 -0.10 -0.71	14.67 -0.01 -0.80	14.52 -0.22 -0.95	15.45 -0.30 -0.51	16.13 -0.35 -0.44	16.02 -0.30 -0.46	16.61 -0.40 -0.33	16.64 -0.49 -0.30	16.37 -0.38 -0.38	16.54 -0.42 -0.33	16.33 -0.48 -0.38	17.50 -0.35 -0.54	19.78 -0.40 -0.99	22.53 -0.72 -1.41	21.05 -0.66 -1.64	22.54 -0.79 -1.86	20.43 -0.61 -1.32	18.94 -0.40 -0.46	16.31 -0.02 -0.74

WESTOVER___LESR 323668	15.48 0.04 -2.29	14.92 -0.01 -1.82	14.71 -0.03 -1.62	14.68 -0.07 -1.66	14.68 -0.04 -1.61	15.29 0.08 -1.43	15.61 0.11 -1.62	15.77 0.08 -1.90	16.34 0.08 -1.02	17.00 0.08 -0.88	16.87 0.08 -0.93	17.41 0.07 -0.65	17.51 0.08 -0.60	17.20 0.08 -0.75	17.37 0.08 -0.66	17.30 0.11 -0.76	18.52 0.12 -1.09	21.32 0.13 -2.00	24.78 0.11 -2.83	23.47 0.10 -3.29	25.34 0.09 -3.77	22.45 0.08 -2.65	19.91 0.11 -0.92	17.27 0.20 -1.48
WETHRSFD_WT_PWR 323626	14.22 -0.39 -1.46	13.81 -0.47 -1.16	13.65 -0.50 -1.04	13.54 -0.60 -1.06	13.61 -0.52 -1.03	14.42 -0.26 -0.92	14.71 -0.21 -1.03	14.67 -0.33 -1.21	15.47 -0.43 -0.65	16.17 -0.43 -0.56	16.07 -0.38 -0.59	16.66 -0.45 -0.42	16.69 -0.52 -0.38	16.42 -0.43 -0.48	16.58 -0.47 -0.42	16.42 -0.49 -0.49	17.57 -0.43 -0.70	19.96 -0.50 -1.27	22.81 -0.83 -1.81	21.39 -0.78 -2.10	22.92 -0.94 -2.38	20.64 -0.77 -1.69	18.88 -0.59 -0.58	16.35 -0.19 -0.94
WHAVSTOR_138KV_BK127 55557	21.34 0.76 -7.43	19.73 0.72 -5.89	19.11 0.73 -5.27	19.18 0.72 -5.38	19.06 0.72 -5.23	19.21 0.78 -4.65	19.87 0.75 -5.24	20.71 0.76 -6.16	19.45 0.90 -3.30	19.88 0.99 -2.84	19.89 1.02 -3.01	19.88 1.07 -2.12	19.85 1.08 -1.95	19.87 1.06 -2.44	19.86 1.10 -2.14	19.95 1.05 -2.48	21.95 1.11 -3.54	26.77 1.11 -6.47	32.37 1.35 -9.17	31.95 1.20 -10.67	35.30 1.31 -12.52	29.52 1.20 -8.60	22.98 1.13 -2.97	21.25 0.87 -4.78
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.34 0.76 -7.43	19.73 0.72 -5.89	19.11 0.73 -5.27	19.18 0.72 -5.38	19.06 0.72 -5.23	19.21 0.78 -4.65	19.87 0.75 -5.24	20.71 0.76 -6.16	19.45 0.90 -3.30	19.88 0.99 -2.84	19.89 1.02 -3.01	19.88 1.07 -2.12	19.85 1.08 -1.95	19.87 1.06 -2.44	19.86 1.10 -2.14	19.95 1.05 -2.48	21.95 1.11 -3.54	26.77 1.11 -6.47	32.37 1.35 -9.17	31.95 1.20 -10.67	35.30 1.31 -12.52	29.52 1.20 -8.60	22.98 1.13 -2.97	21.25 0.87 -4.78
WHITEHAL_115KV_TB1 80871	24.31 0.67 -10.49	22.09 0.66 -8.31	21.18 0.64 -7.43	21.25 0.58 -7.59	21.08 0.59 -7.38	20.98 0.65 -6.56	22.12 0.85 -7.39	23.34 0.86 -8.69	21.02 1.11 -4.66	21.20 1.16 -4.00	21.17 1.06 -4.25	20.80 1.12 -3.00	20.70 1.13 -2.75	20.81 1.00 -3.45	20.58 0.93 -3.02	20.84 0.92 -3.50	23.53 1.23 -5.00	29.72 1.40 -9.13	36.31 1.53 -12.95	36.58 1.45 -15.06	39.77 1.57 -16.72	33.22 1.36 -12.14	24.33 1.26 -4.19	23.22 0.87 -6.75
WHITEPLN_13_KV_LOAD 356215	21.79 0.91 -7.74	20.11 0.85 -6.13	19.46 0.87 -5.48	19.52 0.84 -5.60	19.39 0.84 -5.44	19.52 0.91 -4.84	20.20 0.86 -5.45	21.07 0.87 -6.41	19.71 1.02 -3.43	20.14 1.14 -2.95	20.14 1.14 -3.13	20.08 1.18 -2.21	20.05 1.19 -2.03	20.10 1.19 -2.54	20.07 1.21 -2.23	20.20 1.20 -2.58	22.22 1.23 -3.69	27.17 1.25 -6.74	32.94 1.55 -9.55	32.57 1.39 -11.11	36.00 1.48 -13.04	30.06 1.38 -8.96	23.25 1.28 -3.09	21.59 1.01 -4.98
WM_FLOYD_69_KV_BK2 356380	22.11 1.20 -7.76	23.24 1.18 -8.94	22.27 1.21 -7.95	23.55 1.20 -9.27	22.20 1.21 -7.88	22.58 1.31 -7.50	20.94 1.25 -5.80	23.58 1.27 -8.52	20.08 1.39 -3.45	21.81 1.56 -4.21	21.58 1.54 -4.18	20.64 1.59 -2.36	22.69 1.63 -4.23	23.33 1.60 -5.36	21.50 1.63 -3.24	23.41 1.51 -5.48	25.65 1.68 -6.67	39.78 1.75 -18.85	44.19 2.21 -20.14	41.49 1.97 -19.45	47.51 2.08 -23.95	36.97 1.93 -15.32	25.67 1.94 -4.85	22.78 1.45 -5.74
WOODARD__115KV_TB2 355635	13.62 -0.28 -0.75	13.40 -0.31 -0.59	13.31 -0.33 -0.53	13.26 -0.37 -0.54	13.30 -0.34 -0.53	13.98 -0.26 -0.47	14.17 -0.24 -0.53	14.15 -0.26 -0.62	15.29 -0.29 -0.33	16.04 -0.29 -0.29	15.86 -0.30 -0.30	16.59 -0.32 -0.21	16.70 -0.32 -0.20	16.32 -0.29 -0.25	16.55 -0.30 -0.22	16.43 -0.25 -0.25	17.36 -0.29 -0.36	19.51 -0.33 -0.65	22.35 -0.41 -0.93	20.77 -0.38 -1.08	22.30 -0.41 -1.23	20.21 -0.37 -0.87	18.84 -0.34 -0.30	15.89 -0.19 -0.48
YORK___WARBASSE 23770	21.96 1.04 -7.77	20.25 0.97 -6.16	19.63 1.01 -5.51	19.69 0.98 -5.63	19.55 0.98 -5.46	19.61 0.98 -4.86	20.20 0.85 -5.47	21.07 0.84 -6.43	19.70 1.01 -3.45	20.16 1.16 -2.96	20.23 1.22 -3.15	20.17 1.27 -2.22	20.12 1.26 -2.03	20.18 1.26 -2.55	20.18 1.31 -2.23	20.24 1.23 -2.59	22.28 1.28 -3.70	27.21 1.27 -6.76	33.08 1.66 -9.58	32.69 1.47 -11.15	36.13 1.57 -13.09	30.20 1.50 -8.99	23.35 1.38 -3.10	21.70 1.11 -5.00