

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/08/2023

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	17.60	16.14	15.08	14.89	15.15	15.70	19.18	20.71	21.20	20.49	20.86	19.89	19.52	19.43	19.91	21.02	23.06	29.72	34.97	36.48	29.52	24.02	20.29	18.02
24138	1.15	1.00	0.88	0.86	0.86	0.92	1.15	1.27	1.05	1.05	1.05	1.07	0.93	0.81	0.86	0.90	0.86	1.03	1.45	1.58	1.43	1.37	1.35	1.16
	0.00	0.00	0.00	0.00	0.00	0.00	-1.83	-2.54	-5.89	-5.29	-5.38	-4.17	-6.34	-7.93	-7.57	-7.96	-10.76	-14.54	-12.23	-13.52	-6.77	-3.34	-0.49	0.00
74TH STREET_GT_1	17.61	16.19	15.12	14.92	15.16	15.73	19.20	20.72	21.21	20.50	20.87	19.90	19.52	19.44	19.92	21.05	23.07	29.75	35.02	36.50	29.56	24.05	20.31	18.06
24260	1.17	1.05	0.92	0.88	0.87	0.95	1.17	1.28	1.07	1.06	1.07	1.08	0.93	0.82	0.87	0.92	0.87	1.06	1.49	1.60	1.47	1.41	1.37	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	-1.83	-2.54	-5.89	-5.29	-5.38	-4.17	-6.34	-7.93	-7.57	-7.96	-10.76	-14.54	-12.23	-13.52	-6.77	-3.34	-0.49	0.00
74TH STREET_GT_2	17.61	16.19	15.12	14.92	15.16	15.73	19.20	20.72	21.21	20.50	20.87	19.90	19.52	19.44	19.92	21.05	23.07	29.75	35.02	36.50	29.56	24.05	20.31	18.06
24261	1.17	1.05	0.92	0.88	0.87	0.95	1.17	1.28	1.07	1.06	1.07	1.08	0.93	0.82	0.87	0.92	0.87	1.06	1.49	1.60	1.47	1.41	1.37	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	-1.83	-2.54	-5.89	-5.29	-5.38	-4.17	-6.34	-7.93	-7.57	-7.96	-10.76	-14.54	-12.23	-13.52	-6.77	-3.34	-0.49	0.00
ADK HUDSON___FALLS	17.61	16.19	15.15	14.94	15.22	15.80	19.73	20.26	20.41	20.55	19.52	17.80	18.17	18.04	17.65	18.16	25.32	34.23	39.11	37.30	31.96	25.12	20.41	18.04
24011	1.17	1.05	0.95	0.91	0.93	1.02	1.12	1.05	0.88	0.95	0.94	0.95	0.78	0.66	0.63	0.71	0.71	0.91	1.68	1.69	1.71	1.41	1.31	1.18
	0.00	0.00	0.00	0.00	0.00	0.00	-2.42	-2.32	-5.27	-5.45	-4.16	-2.19	-5.15	-6.69	-5.54	-5.30	-13.17	-19.18	-16.13	-14.22	-8.93	-4.40	-0.65	0.00
ADK RESOURCE___RCVRY	17.69	16.25	15.22	15.01	15.29	15.89	19.83	20.33	20.48	20.63	19.61	17.87	18.23	18.08	17.69	18.20	25.38	34.31	39.27	37.45	32.11	25.24	20.54	18.12
23798	1.25	1.11	1.02	0.98	1.00	1.11	1.22	1.11	0.95	1.02	1.02	1.03	0.84	0.71	0.68	0.74	0.77	0.98	1.83	1.84	1.85	1.52	1.44	1.27
	0.00	0.00	0.00	0.00	0.00	0.00	-2.42	-2.32	-5.27	-5.45	-4.16	-2.19	-5.15	-6.69	-5.54	-5.29	-13.18	-19.19	-16.14	-14.22	-8.94	-4.40	-0.65	0.00
ADK S GLENS___FALLS	17.61	16.19	15.15	14.94	15.22	15.80	19.73	20.26	20.41	20.55	19.52	17.80	18.17	18.04	17.65	18.16	25.32	34.23	39.11	37.30	31.96	25.12	20.41	18.04
24028	1.17	1.05	0.95	0.91	0.93	1.02	1.12	1.05	0.88	0.95	0.94	0.95	0.78	0.66	0.63	0.71	0.71	0.91	1.68	1.69	1.71	1.41	1.31	1.18
	0.00	0.00	0.00	0.00	0.00	0.00	-2.42	-2.32	-5.27	-5.45	-4.16	-2.19	-5.15	-6.69	-5.54	-5.30	-13.17	-19.18	-16.13	-14.22	-8.93	-4.40	-0.65	0.00
ADK_NYS___DAM	17.33	15.95	14.91	14.68	14.95	15.52	19.32	20.06	20.29	20.31	19.44	17.76	18.10	18.00	17.77	18.31	24.96	33.54	38.11	36.54	31.12	24.62	20.08	17.70
23527	0.89	0.80	0.71	0.65	0.66	0.74	0.78	0.84	0.75	0.76	0.78	0.76	0.65	0.57	0.62	0.66	0.66	0.78	1.15	1.11	1.13	1.04	1.00	0.84
	0.00	0.00	0.00	0.00	0.00	0.00	-2.35	-2.32	-5.29	-5.39	-4.24	-2.35	-5.21	-6.75	-5.68	-5.49	-12.86	-18.61	-15.66	-14.05	-8.67	-4.27	-0.63	0.00
AIR_PRODUCTS___DRP	16.72	15.46	14.49	14.29	14.55	15.06	18.83	19.49	19.70	19.74	18.83	17.17	17.59	17.53	17.24	17.73	24.50	33.10	37.40	35.73	30.39	23.91	19.38	17.13
24190	0.28	0.32	0.28	0.25	0.26	0.28	0.28	0.30	0.23	0.23	0.26	0.28	0.23	0.20	0.23	0.24	0.18	0.24	0.36	0.36	0.36	0.31	0.30	0.27
	0.00	0.00	0.00	0.00	0.00	0.00	-2.36	-2.29	-5.22	-5.36	-4.15	-2.24	-5.12	-6.64	-5.54	-5.32	-12.88	-18.71	-15.74	-13.98	-8.71	-4.29	-0.63	0.00
AKWESSNE_115KV_BK	16.17	14.87	14.03	13.81	14.03	14.51	15.87	16.51	13.95	13.86	14.15	14.39	12.01	10.48	11.23	11.91	11.21	13.81	20.85	20.83	20.81	18.86	18.02	16.44
355683	-0.28	-0.27	-0.17	-0.22	-0.26	-0.27	-0.32	-0.39	-0.30	-0.30	-0.27	-0.26	-0.23	-0.20	-0.24	-0.26	-0.23	-0.34	-0.45	-0.56	-0.51	-0.44	-0.44	-0.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	16.72	15.46	14.49	14.29	14.55	15.06	18.83	19.49	19.70	19.74	18.83	17.17	17.59	17.53	17.24	17.73	24.50	33.10	37.40	35.73	30.39	23.91	19.38	17.13
23571	0.28	0.32	0.28	0.25	0.26	0.28	0.28	0.30	0.23	0.23	0.26	0.28	0.23	0.20	0.23	0.24	0.18	0.24	0.36	0.36	0.36	0.31	0.30	0.27
	0.00	0.00	0.00	0.00	0.00	0.00	-2.36	-2.29	-5.22	-5.36	-4.15	-2.24	-5.12	-6.64	-5.54	-5.32	-12.88	-18.71	-15.74	-13.98	-8.71	-4.29	-0.63	0.00
ALBANY___2	16.72	15.46	14.49	14.29	14.55	15.06	18.83	19.49	19.70	19.74	18.83	17.17	17.59	17.53	17.24	17.73	24.50	33.10	37.40	35.73	30.39	23.91	19.38	17.13
23572	0.28	0.32	0.28	0.25	0.26	0.28	0.28	0.30	0.23	0.23	0.26	0.28	0.23	0.20	0.23	0.24	0.18	0.24	0.36	0.36	0.36	0.31	0.30	0.27
	0.00	0.00	0.00	0.00	0.00	0.00	-2.36	-2.29	-5.22	-5.36	-4.15	-2.24	-5.12	-6.64	-5.54	-5.32	-12.88	-18.71	-15.74	-13.98	-8.71	-4.29	-0.63	0.00
ALBANY___3	16.72	15.46	14.49	14.29	14.55	15.06	18.83	19.49	19.70	19.74	18.83	17.17	17.59	17.53	17.24	17.73	24.50	33.10	37.40	35.73	30.39	23.91	19.38	17.13
23573	0.28	0.32	0.28	0.25	0.26	0.28	0.28	0.30	0.23	0.23	0.26	0.28	0.23	0.20	0.23	0.24	0.18	0.24	0.36	0.36	0.36	0.31	0.30	0.27
	0.00	0.00	0.00	0.00	0.00	0.00	-2.36	-2.29	-5.22	-5.36	-4.15	-2.24	-5.12	-6.64	-5.54	-5.32	-12.88	-18.71	-15.74	-13.98	-8.71	-4.29	-0.63	0.00

ALBANY___4 23574	16.72 0.28 0.00	15.46 0.32 0.00	14.49 0.28 0.00	14.29 0.25 0.00	14.55 0.26 0.00	15.06 0.28 0.00	18.83 0.28 -2.36	19.49 0.30 -2.29	19.70 0.23 -5.22	19.74 0.23 -5.36	18.83 0.26 -4.15	17.17 0.28 -2.24	17.59 0.23 -5.12	17.53 0.20 -6.64	17.24 0.23 -5.54	17.73 0.24 -5.32	24.50 0.18 -12.88	33.10 0.24 -18.71	37.40 0.36 -15.74	35.73 0.36 -13.98	30.39 0.36 -8.71	23.91 0.31 -4.29	19.38 0.30 -0.63	17.13 0.27 0.00
ALBANY___LFGE 323615	16.89 0.44 0.00	15.58 0.44 0.00	14.59 0.38 0.00	14.40 0.36 0.00	14.66 0.37 0.00	15.19 0.41 0.00	18.98 0.41 -2.37	19.63 0.44 -2.30	19.84 0.36 -5.24	19.88 0.34 -5.39	18.95 0.37 -4.16	17.28 0.40 -2.23	17.70 0.33 -5.13	17.64 0.29 -6.66	17.34 0.32 -5.55	17.83 0.34 -5.32	24.68 0.29 -12.96	33.34 0.37 -18.83	37.71 0.58 -15.84	36.03 0.60 -14.05	30.64 0.55 -8.77	24.11 0.48 -4.32	19.55 0.46 -0.63	17.28 0.42 0.00
ALCOA_PA_115KV_PL-6C 55860	16.18 -0.26 0.00	14.90 -0.24 0.00	14.06 -0.14 0.00	13.84 -0.20 0.00	14.05 -0.24 0.00	14.53 -0.25 0.00	15.87 -0.32 0.00	17.14 -0.37 -0.61	14.47 -0.30 -0.52	14.38 -0.30 -0.52	14.82 -0.27 -0.67	15.17 -0.26 -0.78	12.72 -0.22 -0.70	11.12 -0.20 -0.64	11.90 -0.24 -0.67	12.60 -0.26 -0.69	11.62 -0.24 -0.42	14.31 -0.35 -0.52	21.60 -0.47 -0.77	21.60 -0.56 -0.77	21.55 -0.53 -0.77	19.56 -0.44 -0.70	18.68 -0.44 -0.67	17.05 -0.42 -0.61
ALCOA_RYNLDS___DRP 24188	16.18 -0.26 0.00	14.90 -0.24 0.00	14.06 -0.14 0.00	13.84 -0.20 0.00	14.05 -0.24 0.00	14.53 -0.25 0.00	15.87 -0.32 0.00	17.14 -0.37 -0.61	14.47 -0.30 -0.52	14.38 -0.30 -0.52	14.82 -0.27 -0.67	15.17 -0.26 -0.78	12.72 -0.22 -0.70	11.12 -0.20 -0.64	11.90 -0.24 -0.67	12.60 -0.26 -0.69	11.62 -0.24 -0.42	14.31 -0.35 -0.52	21.60 -0.47 -0.77	21.60 -0.56 -0.77	21.55 -0.53 -0.77	19.56 -0.44 -0.70	18.68 -0.44 -0.67	17.05 -0.42 -0.61
ALCOA___DSASP 323711	16.18 -0.26 0.00	14.90 -0.24 0.00	14.06 -0.14 0.00	13.84 -0.20 0.00	14.04 -0.24 0.00	14.53 -0.25 0.00	15.87 -0.32 0.00	17.14 -0.37 -0.61	14.47 -0.30 -0.52	14.38 -0.30 -0.52	14.82 -0.27 -0.67	15.17 -0.26 -0.78	12.72 -0.22 -0.70	11.12 -0.20 -0.64	11.90 -0.24 -0.67	12.60 -0.26 -0.69	11.62 -0.24 -0.42	14.31 -0.35 -0.52	21.60 -0.47 -0.77	21.60 -0.56 -0.77	21.58 -0.51 -0.77	19.56 -0.44 -0.70	18.68 -0.44 -0.67	17.05 -0.42 -0.61
ALLEGHENY___COGEN 23514	16.81 0.36 0.00	15.52 0.38 0.00	14.34 0.14 0.00	14.24 0.21 0.00	14.53 0.24 0.00	14.99 0.21 0.00	16.63 0.13 -0.31	17.31 0.19 -0.23	14.89 0.13 -0.51	14.81 0.06 -0.60	14.78 0.01 -0.34	14.72 0.00 -0.07	12.77 0.07 -0.45	11.36 0.06 -0.61	12.00 0.10 -0.42	12.67 0.16 -0.35	13.25 0.19 -1.61	16.89 0.30 -2.44	24.02 0.66 -2.06	23.82 0.86 -1.58	23.03 0.58 -1.14	20.41 0.54 -0.56	19.06 0.52 -0.08	17.53 0.68 0.00
ALTAMONT_115KV_TB 2 55880	16.99 0.54 0.00	15.65 0.50 0.00	14.64 0.44 0.00	14.47 0.44 0.00	14.72 0.43 0.00	15.25 0.47 0.00	19.08 0.52 -2.36	19.72 0.54 -2.28	19.88 0.44 -5.19	19.94 0.44 -5.35	18.98 0.45 -4.11	17.30 0.45 -2.19	17.71 0.39 -5.08	17.63 0.34 -6.60	17.32 0.37 -5.48	17.81 0.39 -5.25	24.69 0.37 -12.89	33.34 0.45 -18.74	37.75 0.68 -15.77	36.04 0.71 -13.95	30.73 0.68 -8.73	24.23 0.62 -4.30	19.68 0.59 -0.63	17.38 0.52 0.00
ALTONA_WT_PWR 323606	16.18 -0.26 0.00	14.96 -0.18 0.00	14.09 -0.11 0.00	13.74 -0.30 0.00	13.84 -0.44 0.00	14.17 -0.61 0.00	15.31 -0.89 0.00	-0.53 -1.06 16.36	-0.53 -0.87 13.91	-0.53 -0.82 13.86	-4.14 -0.79 17.77	-6.98 -0.79 20.84	-7.00 -0.67 18.57	-7.00 -0.60 17.09	-7.00 -0.67 17.81	-6.99 -0.69 18.46	-0.53 -0.66 11.30	-0.53 -0.89 13.79	-0.45 -1.21 20.54	-0.53 -1.39 20.52	-0.53 -1.36 20.48	-0.56 -1.22 18.65	-0.54 -1.18 17.81	-0.53 -1.11 16.28
AMERICAN_REF_FUEL 24010	15.64 -0.81 0.00	14.45 -0.70 0.00	13.46 -0.74 0.00	13.40 -0.63 0.00	13.65 -0.64 0.00	14.09 -0.69 0.00	15.42 -1.05 -0.28	16.02 -1.08 -0.21	13.88 -0.84 -0.47	13.88 -0.82 -0.54	13.87 -0.87 -0.31	13.88 -0.83 -0.06	12.14 -0.51 -0.41	10.79 -0.46 -0.56	11.43 -0.44 -0.39	12.01 -0.46 -0.31	12.46 -0.45 -1.47	15.67 -0.71 -2.23	21.79 -1.38 -1.87	21.63 -1.20 -1.44	21.03 -1.32 -1.04	18.70 -1.12 -0.51	17.68 -0.85 -0.07	16.37 -0.49 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	15.95 -0.49 0.00	14.75 -0.39 0.00	13.66 -0.54 0.00	13.56 -0.48 0.00	13.80 -0.49 0.00	14.23 -0.55 0.00	15.36 -1.15 -0.31	15.95 -1.18 -0.23	13.86 -0.91 -0.52	13.84 -0.92 -0.61	13.78 -1.00 -0.35	13.76 -0.97 -0.07	12.07 -0.64 -0.46	10.75 -0.57 -0.63	11.36 -0.55 -0.43	11.93 -0.58 -0.35	12.53 -0.56 -1.65	15.90 -0.75 -2.50	22.06 -1.34 -2.10	21.98 -1.03 -1.62	21.40 -1.09 -1.16	18.97 -0.91 -0.57	17.88 -0.66 -0.08	16.89 0.03 0.00
ARTHUR_KILL_GT_1 23520	17.60 1.15 -0.01	16.18 1.03 -0.01	15.10 0.90 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.71 0.93 0.00	19.14 1.10 -1.84	20.59 1.15 -2.55	21.09 0.95 -5.89	20.34 0.91 -5.28	20.72 0.92 -5.37	19.78 0.97 -4.16	19.41 0.83 -6.34	19.34 0.74 -7.92	19.82 0.78 -7.57	20.94 0.83 -7.95	22.99 0.80 -10.76	29.67 0.99 -14.53	34.97 1.45 -12.22	36.45 1.56 -13.50	29.32 1.24 -6.76	23.94 1.29 -3.34	20.24 1.29 -0.49	18.06 1.20 0.00
ARTHUR_KILL_2 23512	17.57 1.12 -0.01	16.15 1.00 -0.01	15.08 0.87 -0.01	14.91 0.87 -0.01	15.15 0.86 -0.01	15.68 0.90 0.00	19.11 1.07 -1.84	20.56 1.11 -2.55	21.05 0.91 -5.89	20.31 0.88 -5.28	20.69 0.89 -5.37	19.75 0.94 -4.16	19.38 0.81 -6.34	19.31 0.71 -7.92	19.80 0.76 -7.57	20.92 0.80 -7.95	22.96 0.77 -10.76	29.62 0.95 -14.53	34.90 1.38 -12.22	36.39 1.50 -13.50	29.25 1.17 -6.76	23.90 1.25 -3.34	20.20 1.26 -0.49	18.02 1.16 0.00
ARTHUR_KILL_3 23513	17.48 1.04 0.00	16.04 0.89 0.00	14.98 0.78 0.00	14.79 0.76 0.00	15.04 0.76 0.00	15.59 0.81 0.00	19.07 1.04 -1.83	20.59 1.15 -2.54	21.10 0.95 -5.89	20.39 0.95 -5.29	20.76 0.95 -5.38	19.80 0.98 -4.17	19.42 0.83 -6.34	19.35 0.74 -7.93	19.83 0.78 -7.57	20.95 0.83 -7.96	22.98 0.78 -10.76	29.62 0.93 -14.54	34.78 1.26 -12.23	36.27 1.37 -13.51	29.37 1.28 -6.77	23.90 1.25 -3.34	20.17 1.22 -0.49	17.90 1.05 0.00
ARTHUR_KILL_COGEN 323718	17.60 1.15 -0.01	16.18 1.03 -0.01	15.10 0.90 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.71 0.93 0.00	19.14 1.10 -1.84	20.59 1.15 -2.55	21.09 0.95 -5.89	20.34 0.91 -5.28	20.72 0.92 -5.37	19.78 0.97 -4.16	19.41 0.83 -6.34	19.34 0.74 -7.92	19.82 0.78 -7.57	20.94 0.83 -7.95	22.99 0.80 -10.76	29.67 0.99 -14.53	34.97 1.45 -12.22	36.45 1.56 -13.50	29.32 1.24 -6.76	23.94 1.29 -3.34	20.24 1.29 -0.49	18.06 1.20 0.00
ASHOKAN____ 23654	17.14 0.69 0.00	15.74 0.59 0.00	14.68 0.48 0.00	14.48 0.45 0.00	14.76 0.47 0.00	15.19 0.41 0.00	18.85 0.55 -2.10	19.68 0.56 -2.23	19.73 0.38 -5.09	19.54 0.34 -5.04	18.97 0.33 -4.22	17.59 0.35 -2.59	17.64 0.27 -5.13	17.51 0.23 -6.59	17.47 0.26 -5.73	18.13 0.29 -5.67	23.30 0.23 -11.64	31.20 0.42 -16.63	36.08 0.79 -13.99	35.34 0.88 -13.08	29.77 0.70 -7.75	23.69 0.56 -3.82	19.57 0.55 -0.56	17.33 0.47 0.00

ASTORIA_EAST_ENERGY_CC1 323581	17.44 1.00 0.01	16.02 0.88 0.01	14.96 0.77 0.01	14.77 0.74 0.01	15.02 0.74 0.01	15.57 0.80 0.01	19.03 1.00 -1.83	20.54 1.11 -2.53	21.09 0.95 -5.89	20.35 0.92 -5.28	20.73 0.94 -5.37	19.78 0.97 -4.16	19.41 0.83 -6.34	19.33 0.73 -7.92	19.81 0.77 -7.57	20.93 0.82 -7.95	22.96 0.77 -10.76	29.58 0.91 -14.53	34.80 1.28 -12.22	36.26 1.37 -13.51	29.25 1.17 -6.76	23.83 1.20 -3.33	20.12 1.18 -0.48	17.88 1.03 0.01
ASTORIA_EAST_ENERGY_CC2 323582	17.44 1.00 0.01	16.02 0.88 0.01	14.96 0.77 0.01	14.77 0.74 0.01	15.02 0.74 0.01	15.57 0.80 0.01	19.03 1.00 -1.83	20.54 1.11 -2.53	21.09 0.95 -5.89	20.35 0.92 -5.28	20.73 0.94 -5.37	19.78 0.97 -4.16	19.41 0.83 -6.34	19.33 0.73 -7.92	19.81 0.77 -7.57	20.93 0.82 -7.95	22.96 0.77 -10.76	29.58 0.91 -14.53	34.80 1.28 -12.22	36.26 1.37 -13.51	29.25 1.17 -6.76	23.83 1.20 -3.33	20.12 1.18 -0.48	17.88 1.03 0.01
ASTORIA_GT2_1 24094	17.45 1.02 0.02	16.04 0.91 0.02	14.97 0.78 0.02	14.76 0.74 0.02	15.01 0.74 0.02	15.58 0.80 0.00	19.02 1.00 -1.82	20.55 1.13 -2.53	21.10 0.95 -5.89	20.36 0.92 -5.29	20.74 0.94 -5.38	19.79 0.97 -4.17	19.40 0.83 -6.33	19.34 0.74 -7.91	19.81 0.78 -7.56	20.93 0.83 -7.94	22.95 0.77 -10.75	29.60 0.92 -14.54	34.80 1.28 -12.23	36.29 1.39 -13.52	29.28 1.19 -6.77	23.86 1.22 -3.34	20.13 1.18 -0.49	17.89 1.03 0.00
ASTORIA_GT2_2 24095	17.45 1.02 0.02	16.04 0.91 0.02	14.97 0.78 0.02	14.76 0.74 0.02	15.01 0.74 0.02	15.58 0.80 0.00	19.02 1.00 -1.82	20.55 1.13 -2.53	21.10 0.95 -5.89	20.36 0.92 -5.29	20.74 0.94 -5.38	19.79 0.97 -4.17	19.40 0.83 -6.33	19.34 0.74 -7.91	19.81 0.78 -7.56	20.93 0.83 -7.94	22.95 0.77 -10.75	29.60 0.92 -14.54	34.80 1.28 -12.23	36.29 1.39 -13.52	29.28 1.19 -6.77	23.86 1.22 -3.34	20.13 1.18 -0.49	17.89 1.03 0.00
ASTORIA_GT2_3 24096	17.45 1.02 0.02	16.04 0.91 0.02	14.97 0.78 0.02	14.76 0.74 0.02	15.01 0.74 0.02	15.58 0.80 0.00	19.02 1.00 -1.82	20.55 1.13 -2.53	21.10 0.95 -5.89	20.36 0.92 -5.29	20.74 0.94 -5.38	19.79 0.97 -4.17	19.40 0.83 -6.33	19.34 0.74 -7.91	19.81 0.78 -7.56	20.93 0.83 -7.94	22.95 0.77 -10.75	29.60 0.92 -14.54	34.80 1.28 -12.23	36.29 1.39 -13.52	29.28 1.19 -6.77	23.86 1.22 -3.34	20.13 1.18 -0.49	17.89 1.03 0.00
ASTORIA_GT2_4 24097	17.45 1.02 0.02	16.04 0.91 0.02	14.97 0.78 0.02	14.76 0.74 0.02	15.01 0.74 0.02	15.58 0.80 0.00	19.02 1.00 -1.82	20.55 1.13 -2.53	21.10 0.95 -5.89	20.36 0.92 -5.29	20.74 0.94 -5.38	19.79 0.97 -4.17	19.40 0.83 -6.33	19.34 0.74 -7.91	19.81 0.78 -7.56	20.93 0.83 -7.94	22.95 0.77 -10.75	29.60 0.92 -14.54	34.80 1.28 -12.23	36.29 1.39 -13.52	29.28 1.19 -6.77	23.86 1.22 -3.34	20.13 1.18 -0.49	17.89 1.03 0.00
ASTORIA_GT3_1 24098	17.45 1.02 0.02	16.04 0.91 0.02	14.97 0.78 0.02	14.76 0.74 0.02	15.01 0.74 0.02	15.58 0.80 0.00	19.02 1.00 -1.82	20.55 1.13 -2.53	21.10 0.95 -5.89	20.36 0.92 -5.29	20.74 0.94 -5.38	19.79 0.97 -4.17	19.40 0.83 -6.33	19.34 0.74 -7.91	19.81 0.78 -7.56	20.93 0.83 -7.94	22.95 0.77 -10.75	29.60 0.92 -14.54	34.80 1.28 -12.23	36.29 1.39 -13.52	29.28 1.19 -6.77	23.86 1.22 -3.34	20.13 1.18 -0.49	17.89 1.03 0.00
ASTORIA_GT3_2 24099	17.45 1.02 0.02	16.04 0.91 0.02	14.97 0.78 0.02	14.76 0.74 0.02	15.01 0.74 0.02	15.58 0.80 0.00	19.02 1.00 -1.82	20.55 1.13 -2.53	21.10 0.95 -5.89	20.36 0.92 -5.29	20.74 0.94 -5.38	19.79 0.97 -4.17	19.40 0.83 -6.33	19.34 0.74 -7.91	19.81 0.78 -7.56	20.93 0.83 -7.94	22.95 0.77 -10.75	29.60 0.92 -14.54	34.80 1.28 -12.23	36.29 1.39 -13.52	29.28 1.19 -6.77	23.86 1.22 -3.34	20.13 1.18 -0.49	17.89 1.03 0.00
ASTORIA_GT3_3 24100	17.45 1.02 0.02	16.04 0.91 0.02	14.97 0.78 0.02	14.76 0.74 0.02	15.01 0.74 0.02	15.58 0.80 0.00	19.02 1.00 -1.82	20.55 1.13 -2.53	21.10 0.95 -5.89	20.36 0.92 -5.29	20.74 0.94 -5.38	19.79 0.97 -4.17	19.40 0.83 -6.33	19.34 0.74 -7.91	19.81 0.78 -7.56	20.93 0.83 -7.94	22.95 0.77 -10.75	29.60 0.92 -14.54	34.80 1.28 -12.23	36.29 1.39 -13.52	29.28 1.19 -6.77	23.86 1.22 -3.34	20.13 1.18 -0.49	17.89 1.03 0.00
ASTORIA_GT3_4 24101	17.45 1.02 0.02	16.04 0.91 0.02	14.97 0.78 0.02	14.76 0.74 0.02	15.01 0.74 0.02	15.58 0.80 0.00	19.02 1.00 -1.82	20.55 1.13 -2.53	21.10 0.95 -5.89	20.36 0.92 -5.29	20.74 0.94 -5.38	19.79 0.97 -4.17	19.40 0.83 -6.33	19.34 0.74 -7.91	19.81 0.78 -7.56	20.93 0.83 -7.94	22.95 0.77 -10.75	29.60 0.92 -14.54	34.80 1.28 -12.23	36.29 1.39 -13.52	29.28 1.19 -6.77	23.86 1.22 -3.34	20.13 1.18 -0.49	17.89 1.03 0.00
ASTORIA_GT4_1 24102	17.45 1.02 0.02	16.04 0.91 0.02	14.97 0.78 0.02	14.76 0.74 0.02	15.01 0.74 0.02	15.58 0.80 0.00	19.02 1.00 -1.82	20.55 1.13 -2.53	21.10 0.95 -5.89	20.36 0.92 -5.29	20.74 0.94 -5.38	19.79 0.97 -4.17	19.40 0.83 -6.33	19.34 0.74 -7.91	19.81 0.78 -7.56	20.93 0.83 -7.94	22.95 0.77 -10.75	29.60 0.92 -14.54	34.80 1.28 -12.23	36.29 1.39 -13.52	29.28 1.19 -6.77	23.86 1.22 -3.34	20.13 1.18 -0.49	17.89 1.03 0.00
ASTORIA_GT4_2 24103	17.45 1.02 0.02	16.04 0.91 0.02	14.97 0.78 0.02	14.76 0.74 0.02	15.01 0.74 0.02	15.58 0.80 0.00	19.02 1.00 -1.82	20.55 1.13 -2.53	21.10 0.95 -5.89	20.36 0.92 -5.29	20.74 0.94 -5.38	19.79 0.97 -4.17	19.40 0.83 -6.33	19.34 0.74 -7.91	19.81 0.78 -7.56	20.93 0.83 -7.94	22.95 0.77 -10.75	29.60 0.92 -14.54	34.80 1.28 -12.23	36.29 1.39 -13.52	29.28 1.19 -6.77	23.86 1.22 -3.34	20.13 1.18 -0.49	17.89 1.03 0.00
ASTORIA_GT4_3 24104	17.45 1.02 0.02	16.04 0.91 0.02	14.97 0.78 0.02	14.76 0.74 0.02	15.01 0.74 0.02	15.58 0.80 0.00	19.02 1.00 -1.82	20.55 1.13 -2.53	21.10 0.95 -5.89	20.36 0.92 -5.29	20.74 0.94 -5.38	19.79 0.97 -4.17	19.40 0.83 -6.33	19.34 0.74 -7.91	19.81 0.78 -7.56	20.93 0.83 -7.94	22.95 0.77 -10.75	29.60 0.92 -14.54	34.80 1.28 -12.23	36.29 1.39 -13.52	29.28 1.19 -6.77	23.86 1.22 -3.34	20.13 1.18 -0.49	17.89 1.03 0.00
ASTORIA_GT4_4 24105	17.45 1.02 0.02	16.04 0.91 0.02	14.97 0.78 0.02	14.76 0.74 0.02	15.01 0.74 0.02	15.58 0.80 0.00	19.02 1.00 -1.82	20.55 1.13 -2.53	21.10 0.95 -5.89	20.36 0.92 -5.29	20.74 0.94 -5.38	19.79 0.97 -4.17	19.40 0.83 -6.33	19.34 0.74 -7.91	19.81 0.78 -7.56	20.93 0.83 -7.94	22.95 0.77 -10.75	29.60 0.92 -14.54	34.80 1.28 -12.23	36.29 1.39 -13.52	29.28 1.19 -6.77	23.86 1.22 -3.34	20.13 1.18 -0.49	17.89 1.03 0.00
ASTORIA_GT_1 23523	17.47 1.04 0.01	16.03 0.89 0.01	14.97 0.78 0.01	14.78 0.76 0.01	15.04 0.76 0.01	15.60 0.83 0.01	19.06 1.04 -1.83	20.58 1.15 -2.53	21.12 0.98 -5.89	20.38 0.95 -5.28	20.75 0.95 -5.37	19.81 1.00 -4.16	19.43 0.86 -6.34	19.35 0.75 -7.92	19.84 0.80 -7.57	20.95 0.84 -7.95	22.98 0.79 -10.76	29.62 0.95 -14.53	34.84 1.32 -12.22	36.32 1.43 -13.51	29.30 1.21 -6.76	23.89 1.25 -3.33	20.16 1.22 -0.48	17.91 1.06 0.01

ASTORIA_GT_10 24110	17.61 1.17 0.00	16.19 1.05 0.00	15.11 0.91 0.00	14.90 0.87 0.00	15.16 0.87 0.00	15.71 0.93 0.00	19.18 1.15 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.50 0.92 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.06 0.86 -10.76	29.72 1.03 -14.54	34.95 1.43 -12.23	36.44 1.54 -13.52	29.43 1.34 -6.77	24.02 1.37 -3.34	20.29 1.35 -0.49	18.04 1.18 0.00
ASTORIA_GT_11 24225	17.61 1.17 0.00	16.19 1.05 0.00	15.11 0.91 0.00	14.90 0.87 0.00	15.16 0.87 0.00	15.71 0.93 0.00	19.18 1.15 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.50 0.92 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.06 0.86 -10.76	29.72 1.03 -14.54	34.95 1.43 -12.23	36.44 1.54 -13.52	29.43 1.34 -6.77	24.02 1.37 -3.34	20.29 1.35 -0.49	18.04 1.18 0.00
ASTORIA_GT_12 24226	17.61 1.17 0.00	16.19 1.05 0.00	15.11 0.91 0.00	14.90 0.87 0.00	15.16 0.87 0.00	15.71 0.93 0.00	19.18 1.15 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.50 0.92 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.06 0.86 -10.76	29.72 1.03 -14.54	34.95 1.43 -12.23	36.44 1.54 -13.52	29.43 1.34 -6.77	24.02 1.37 -3.34	20.29 1.35 -0.49	18.04 1.18 0.00
ASTORIA_GT_13 24227	17.61 1.17 0.00	16.19 1.05 0.00	15.11 0.91 0.00	14.90 0.87 0.00	15.16 0.87 0.00	15.71 0.93 0.00	19.18 1.15 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.50 0.92 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.06 0.86 -10.76	29.72 1.03 -14.54	34.95 1.43 -12.23	36.44 1.54 -13.52	29.43 1.34 -6.77	24.02 1.37 -3.34	20.29 1.35 -0.49	18.04 1.18 0.00
ASTORIA_GT_5 24106	17.47 1.04 0.01	16.03 0.89 0.01	14.97 0.78 0.01	14.78 0.76 0.01	15.04 0.76 0.01	15.60 0.83 0.01	19.06 1.04 -1.83	20.58 1.15 -2.53	21.12 0.98 -5.89	20.38 0.95 -5.28	20.75 0.95 -5.37	19.81 1.00 -4.16	19.43 0.86 -6.34	19.35 0.75 -7.92	19.84 0.80 -7.57	20.95 0.84 -7.95	22.98 0.79 -10.76	29.62 0.95 -14.53	34.84 1.32 -12.22	36.32 1.43 -13.51	29.30 1.21 -6.76	23.89 1.25 -3.33	20.16 1.22 -0.48	17.91 1.06 0.01
ASTORIA_GT_7 24107	17.47 1.04 0.01	16.03 0.89 0.01	14.97 0.78 0.01	14.78 0.76 0.01	15.04 0.76 0.01	15.60 0.83 0.01	19.06 1.04 -1.83	20.58 1.15 -2.53	21.12 0.98 -5.89	20.38 0.95 -5.28	20.75 0.95 -5.37	19.81 1.00 -4.16	19.43 0.86 -6.34	19.35 0.75 -7.92	19.84 0.80 -7.57	20.95 0.84 -7.95	22.98 0.79 -10.76	29.62 0.95 -14.53	34.84 1.32 -12.22	36.32 1.43 -13.51	29.30 1.21 -6.76	23.89 1.25 -3.33	20.16 1.22 -0.48	17.91 1.06 0.01
ASTORIA_GT_8 24108	17.46 1.04 0.02	16.05 0.92 0.02	15.00 0.81 0.02	14.77 0.76 0.02	15.03 0.76 0.02	15.61 0.83 0.00	19.03 1.02 -1.82	20.57 1.15 -2.53	21.13 0.98 -5.89	20.39 0.95 -5.29	20.76 0.95 -5.38	19.82 1.00 -4.17	19.43 0.86 -6.33	19.35 0.75 -7.91	19.84 0.80 -7.56	20.94 0.84 -7.94	22.97 0.79 -10.75	29.63 0.95 -14.54	34.85 1.32 -12.23	36.33 1.43 -13.52	29.30 1.22 -6.77	23.90 1.25 -3.34	20.17 1.22 -0.49	17.92 1.06 0.00
ASTORIA___2 24149	17.46 1.02 0.01	16.02 0.88 0.01	14.96 0.77 0.01	14.77 0.74 0.01	15.02 0.74 0.01	15.57 0.80 0.01	19.03 1.00 -1.83	20.56 1.13 -2.53	21.09 0.95 -5.89	20.35 0.92 -5.28	20.73 0.94 -5.37	19.78 0.97 -4.16	19.41 0.83 -6.34	19.34 0.74 -7.92	19.82 0.78 -7.57	20.94 0.83 -7.95	22.96 0.77 -10.76	29.60 0.92 -14.53	34.80 1.28 -12.22	36.28 1.39 -13.51	29.27 1.19 -6.76	23.85 1.22 -3.33	20.12 1.18 -0.48	17.88 1.03 0.01
ASTORIA___3 23516	17.62 1.17 -0.01	16.17 1.01 -0.01	15.10 0.90 -0.01	14.91 0.87 -0.01	15.17 0.87 -0.01	15.71 0.93 0.00	19.19 1.15 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.51 0.92 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.07 0.86 -10.77	29.72 1.03 -14.54	34.95 1.43 -12.23	36.44 1.54 -13.52	29.43 1.34 -6.77	24.02 1.37 -3.34	20.28 1.33 -0.49	18.04 1.18 0.00
ASTORIA___4 23517	17.61 1.17 0.00	16.19 1.05 0.00	15.11 0.91 0.00	14.90 0.87 0.00	15.16 0.87 0.00	15.71 0.93 0.00	19.18 1.15 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.50 0.92 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.06 0.86 -10.76	29.72 1.03 -14.54	34.95 1.43 -12.23	36.44 1.54 -13.52	29.43 1.34 -6.77	24.02 1.37 -3.34	20.29 1.35 -0.49	18.04 1.18 0.00
ASTORIA___5 23518	17.62 1.17 -0.01	16.17 1.01 -0.01	15.10 0.90 -0.01	14.91 0.87 -0.01	15.17 0.87 -0.01	15.71 0.93 0.00	19.19 1.15 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.51 0.92 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.07 0.86 -10.77	29.72 1.03 -14.54	34.95 1.43 -12.23	36.44 1.54 -13.52	29.43 1.34 -6.77	24.02 1.37 -3.34	20.28 1.33 -0.49	18.04 1.18 0.00
AST_ENERGY_2_CC3 323677	17.51 1.07 0.00	16.08 0.94 0.00	15.02 0.82 0.00	14.83 0.80 0.00	15.09 0.80 0.00	15.64 0.86 0.00	19.10 1.07 -1.83	20.60 1.16 -2.54	21.13 0.98 -5.89	20.40 0.96 -5.29	20.77 0.97 -5.38	19.82 1.00 -4.17	19.43 0.84 -6.34	19.36 0.75 -7.93	19.84 0.79 -7.57	20.96 0.84 -7.96	23.00 0.80 -10.76	29.63 0.95 -14.54	34.85 1.32 -12.23	36.33 1.43 -13.52	29.39 1.30 -6.77	23.92 1.27 -3.34	20.20 1.26 -0.49	17.95 1.10 0.00
AST_ENERGY_2_CC4 323678	17.51 1.07 0.00	16.08 0.94 0.00	15.02 0.82 0.00	14.83 0.80 0.00	15.09 0.80 0.00	15.64 0.86 0.00	19.10 1.07 -1.83	20.60 1.16 -2.54	21.13 0.98 -5.89	20.40 0.96 -5.29	20.77 0.97 -5.38	19.82 1.00 -4.17	19.43 0.84 -6.34	19.36 0.75 -7.93	19.84 0.79 -7.57	20.96 0.84 -7.96	23.00 0.80 -10.76	29.63 0.95 -14.54	34.85 1.32 -12.23	36.33 1.43 -13.52	29.39 1.30 -6.77	23.92 1.27 -3.34	20.20 1.26 -0.49	17.95 1.10 0.00
ATHENS_STG_1 23668	17.12 0.67 0.00	15.75 0.61 0.00	14.73 0.53 0.00	14.55 0.52 0.00	14.82 0.53 0.00	15.36 0.58 0.00	18.99 0.66 -2.13	19.80 0.69 -2.21	19.89 0.58 -5.06	19.79 0.58 -5.05	19.15 0.58 -4.15	17.73 0.60 -2.48	17.81 0.50 -5.07	17.64 0.44 -6.52	17.57 0.48 -5.62	18.20 0.51 -5.53	23.68 0.47 -11.77	31.62 0.58 -16.89	36.34 0.83 -14.21	35.38 0.88 -13.12	30.04 0.85 -7.87	23.96 0.77 -3.88	19.78 0.76 -0.57	17.53 0.68 0.00
ATHENS_STG_2 23670	17.12 0.67 0.00	15.75 0.61 0.00	14.73 0.53 0.00	14.55 0.52 0.00	14.82 0.53 0.00	15.36 0.58 0.00	18.99 0.66 -2.13	19.80 0.69 -2.21	19.89 0.58 -5.06	19.79 0.58 -5.05	19.15 0.58 -4.15	17.73 0.60 -2.48	17.81 0.50 -5.07	17.64 0.44 -6.52	17.57 0.48 -5.62	18.20 0.51 -5.53	23.68 0.47 -11.77	31.62 0.58 -16.89	36.34 0.83 -14.21	35.38 0.88 -13.12	30.04 0.85 -7.87	23.96 0.77 -3.88	19.78 0.76 -0.57	17.53 0.68 0.00

ATHENS_STG_3 23677	17.12 0.67 0.00	15.75 0.61 0.00	14.73 0.53 0.00	14.55 0.52 0.00	14.82 0.53 0.00	15.36 0.58 0.00	18.99 0.66 -2.13	19.80 0.69 -2.21	19.89 0.58 -5.06	19.79 0.58 -5.05	19.15 0.58 -4.15	17.73 0.60 -2.48	17.81 0.50 -5.07	17.64 0.44 -6.52	17.57 0.48 -5.62	18.20 0.51 -5.53	23.68 0.47 -11.77	31.62 0.58 -16.89	36.34 0.83 -14.21	35.38 0.88 -13.12	30.04 0.85 -7.87	23.96 0.77 -3.88	19.78 0.76 -0.57	17.53 0.68 0.00
AUBURN____LFGE 323710	16.61 0.16 0.00	15.31 0.17 0.00	14.26 0.06 0.00	14.14 0.11 0.00	14.45 0.16 0.00	14.94 0.16 0.00	16.61 0.18 -0.23	17.30 0.24 -0.17	14.83 0.20 -0.39	14.81 0.21 -0.45	14.88 0.20 -0.26	14.91 0.21 -0.05	12.78 0.20 -0.34	11.32 0.17 -0.46	11.99 0.20 -0.32	12.64 0.22 -0.26	12.84 0.19 -1.21	16.28 0.30 -1.83	23.31 0.47 -1.54	23.13 0.56 -1.19	22.62 0.45 -0.85	20.10 0.37 -0.42	18.83 0.31 -0.06	17.20 0.34 0.00
BABYLON_RES_REC 323704	17.86 1.41 0.00	16.33 1.18 0.00	15.18 0.98 0.00	14.94 0.91 0.00	15.20 0.92 0.00	15.92 1.14 0.00	19.41 1.38 -1.83	20.92 1.49 -2.54	21.34 1.20 -5.89	20.64 1.20 -5.29	21.06 1.25 -5.38	19.96 1.14 -4.16	19.55 0.97 -6.34	19.52 0.91 -7.92	20.04 1.00 -7.57	21.25 1.13 -7.95	24.33 1.15 -11.74	30.05 1.36 -14.54	35.60 2.07 -12.24	37.04 2.14 -13.52	30.23 2.11 -6.80	26.00 1.89 -4.80	20.90 1.94 -0.51	18.63 1.75 -0.02
BABYLON__69_KV_BK2 356345	18.07 1.63 0.00	16.52 1.38 0.00	15.35 1.15 0.00	15.10 1.07 0.00	15.46 1.17 0.00	16.09 1.32 0.00	19.59 1.55 -1.83	21.14 1.71 -2.54	21.51 1.37 -5.89	20.81 1.37 -5.29	21.22 1.41 -5.38	20.12 1.30 -4.16	19.67 1.09 -6.34	19.64 1.03 -7.92	20.17 1.12 -7.57	21.40 1.29 -7.95	24.50 1.33 -11.74	30.28 1.58 -14.54	35.94 2.41 -12.24	37.38 2.48 -13.52	30.57 2.45 -6.80	26.29 2.18 -4.80	21.18 2.21 -0.51	18.88 2.01 -0.02
BALL_HILL_WT_PWR 323825	16.15 -0.30 0.00	14.93 -0.21 0.00	13.85 -0.35 0.00	13.77 -0.27 0.00	14.02 -0.27 0.00	14.47 -0.31 0.00	15.63 -0.87 -0.31	16.23 -0.90 -0.23	14.09 -0.67 -0.51	14.09 -0.66 -0.60	14.05 -0.72 -0.34	14.03 -0.69 -0.07	12.28 -0.42 -0.45	10.94 -0.36 -0.61	11.57 -0.33 -0.42	12.15 -0.35 -0.34	12.69 -0.35 -1.61	16.05 -0.54 -2.44	22.29 -1.06 -2.05	22.13 -0.83 -1.58	21.52 -0.94 -1.14	19.08 -0.79 -0.56	17.99 -0.55 -0.08	16.96 0.10 0.00
BARON_WINDS____WT_PWR 323822	16.33 -0.11 0.00	15.07 -0.08 0.00	13.99 -0.21 0.00	13.89 -0.14 0.00	14.16 -0.13 0.00	14.62 -0.16 0.00	16.06 -0.53 -0.40	16.65 -0.54 -0.30	14.48 -0.43 -0.66	14.49 -0.44 -0.77	14.38 -0.49 -0.44	14.23 -0.51 -0.09	12.50 -0.33 -0.58	11.19 -0.29 -0.79	11.76 -0.26 -0.55	12.33 -0.28 -0.45	13.26 -0.26 -2.08	16.95 -0.35 -3.16	23.32 -0.64 -2.66	22.98 -0.45 -2.05	22.26 -0.53 -1.47	19.59 -0.44 -0.72	18.25 -0.31 -0.11	17.03 0.17 0.00
BARRETT_IC_1 23704	17.64 1.20 0.00	16.13 0.98 0.00	15.02 0.82 0.00	14.80 0.77 0.00	15.06 0.77 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.72 1.28 -2.54	21.17 1.03 -5.89	20.47 1.03 -5.29	20.87 1.07 -5.38	19.81 1.00 -4.16	19.43 0.84 -6.34	19.39 0.78 -7.92	19.90 0.86 -7.57	21.07 0.96 -7.95	24.11 0.94 -11.74	29.74 1.05 -14.54	35.11 1.58 -12.23	36.55 1.65 -13.51	29.71 1.60 -6.79	25.66 1.55 -4.80	20.55 1.59 -0.51	18.31 1.43 -0.02
BARRETT_IC_10 23701	17.64 1.20 0.00	16.13 0.98 0.00	15.02 0.82 0.00	14.80 0.77 0.00	15.06 0.77 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.72 1.28 -2.54	21.17 1.03 -5.89	20.47 1.03 -5.29	20.87 1.07 -5.38	19.81 1.00 -4.16	19.43 0.84 -6.34	19.39 0.78 -7.92	19.90 0.86 -7.57	21.07 0.96 -7.95	24.11 0.94 -11.74	29.74 1.05 -14.54	35.11 1.58 -12.23	36.55 1.65 -13.51	29.71 1.60 -6.79	25.66 1.55 -4.80	20.55 1.59 -0.51	18.31 1.43 -0.02
BARRETT_IC_11 23702	17.64 1.20 0.00	16.13 0.98 0.00	15.02 0.82 0.00	14.80 0.77 0.00	15.06 0.77 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.72 1.28 -2.54	21.17 1.03 -5.89	20.47 1.03 -5.29	20.87 1.07 -5.38	19.81 1.00 -4.16	19.43 0.84 -6.34	19.39 0.78 -7.92	19.90 0.86 -7.57	21.07 0.96 -7.95	24.11 0.94 -11.74	29.74 1.05 -14.54	35.11 1.58 -12.23	36.55 1.65 -13.51	29.71 1.60 -6.79	25.66 1.55 -4.80	20.55 1.59 -0.51	18.31 1.43 -0.02
BARRETT_IC_12 23703	17.64 1.20 0.00	16.13 0.98 0.00	15.02 0.82 0.00	14.80 0.77 0.00	15.06 0.77 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.72 1.28 -2.54	21.17 1.03 -5.89	20.47 1.03 -5.29	20.87 1.07 -5.38	19.81 1.00 -4.16	19.43 0.84 -6.34	19.39 0.78 -7.92	19.90 0.86 -7.57	21.07 0.96 -7.95	24.11 0.94 -11.74	29.74 1.05 -14.54	35.11 1.58 -12.23	36.55 1.65 -13.51	29.71 1.60 -6.79	25.66 1.55 -4.80	20.55 1.59 -0.51	18.31 1.43 -0.02
BARRETT_IC_2 23705	17.64 1.20 0.00	16.13 0.98 0.00	15.02 0.82 0.00	14.80 0.77 0.00	15.06 0.77 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.72 1.28 -2.54	21.17 1.03 -5.89	20.47 1.03 -5.29	20.87 1.07 -5.38	19.81 1.00 -4.16	19.43 0.84 -6.34	19.39 0.78 -7.92	19.90 0.86 -7.57	21.07 0.96 -7.95	24.11 0.94 -11.74	29.74 1.05 -14.54	35.11 1.58 -12.23	36.55 1.65 -13.51	29.71 1.60 -6.79	25.66 1.55 -4.80	20.55 1.59 -0.51	18.31 1.43 -0.02
BARRETT_IC_3 23706	17.64 1.20 0.00	16.13 0.98 0.00	15.02 0.82 0.00	14.80 0.77 0.00	15.06 0.77 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.72 1.28 -2.54	21.17 1.03 -5.89	20.47 1.03 -5.29	20.87 1.07 -5.38	19.81 1.00 -4.16	19.43 0.84 -6.34	19.39 0.78 -7.92	19.90 0.86 -7.57	21.07 0.96 -7.95	24.11 0.94 -11.74	29.74 1.05 -14.54	35.11 1.58 -12.23	36.55 1.65 -13.51	29.71 1.60 -6.79	25.66 1.55 -4.80	20.55 1.59 -0.51	18.31 1.43 -0.02
BARRETT_IC_4 23707	17.64 1.20 0.00	16.13 0.98 0.00	15.02 0.82 0.00	14.80 0.77 0.00	15.06 0.77 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.72 1.28 -2.54	21.17 1.03 -5.89	20.47 1.03 -5.29	20.87 1.07 -5.38	19.81 1.00 -4.16	19.43 0.84 -6.34	19.39 0.78 -7.92	19.90 0.86 -7.57	21.07 0.96 -7.95	24.11 0.94 -11.74	29.74 1.05 -14.54	35.11 1.58 -12.23	36.55 1.65 -13.51	29.71 1.60 -6.79	25.66 1.55 -4.80	20.55 1.59 -0.51	18.31 1.43 -0.02
BARRETT_IC_5 23708	17.64 1.20 0.00	16.13 0.98 0.00	15.02 0.82 0.00	14.80 0.77 0.00	15.06 0.77 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.72 1.28 -2.54	21.17 1.03 -5.89	20.47 1.03 -5.29	20.87 1.07 -5.38	19.81 1.00 -4.16	19.43 0.84 -6.34	19.39 0.78 -7.92	19.90 0.86 -7.57	21.07 0.96 -7.95	24.11 0.94 -11.74	29.74 1.05 -14.54	35.11 1.58 -12.23	36.55 1.65 -13.51	29.71 1.60 -6.79	25.66 1.55 -4.80	20.55 1.59 -0.51	18.31 1.43 -0.02
BARRETT_IC_6 23709	17.64 1.20 0.00	16.13 0.98 0.00	15.02 0.82 0.00	14.80 0.77 0.00	15.06 0.77 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.72 1.28 -2.54	21.17 1.03 -5.89	20.47 1.03 -5.29	20.87 1.07 -5.38	19.81 1.00 -4.16	19.43 0.84 -6.34	19.39 0.78 -7.92	19.90 0.86 -7.57	21.07 0.96 -7.95	24.11 0.94 -11.74	29.74 1.05 -14.54	35.11 1.58 -12.23	36.55 1.65 -13.51	29.71 1.60 -6.79	25.66 1.55 -4.80	20.55 1.59 -0.51	18.31 1.43 -0.02

BARRETT_IC_7 23710	17.65 1.20 0.00	16.16 1.01 0.00	15.04 0.84 0.00	14.80 0.77 0.00	15.13 0.84 0.00	15.73 0.95 0.00	19.18 1.15 -1.83	20.72 1.28 -2.54	21.17 1.03 -5.89	20.47 1.03 -5.29	20.87 1.07 -5.38	19.81 1.00 -4.16	19.43 0.84 -6.34	19.39 0.78 -7.92	19.90 0.86 -7.57	21.07 0.96 -7.95	24.11 0.94 -11.74	29.75 1.06 -14.54	35.09 1.55 -12.23	36.55 1.65 -13.51	29.71 1.60 -6.79	25.66 1.54 -4.80	20.55 1.59 -0.51	18.31 1.43 -0.02
BARRETT_IC_8 23711	17.64 1.20 0.00	16.13 0.98 0.00	15.02 0.82 0.00	14.80 0.77 0.00	15.06 0.77 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.72 1.28 -2.54	21.17 1.03 -5.89	20.47 1.03 -5.29	20.87 1.07 -5.38	19.81 1.00 -4.16	19.43 0.84 -6.34	19.39 0.78 -7.92	19.90 0.86 -7.57	21.07 0.96 -7.95	24.11 0.94 -11.74	29.74 1.05 -14.54	35.11 1.58 -12.23	36.55 1.65 -13.51	29.71 1.60 -6.79	25.66 1.55 -4.80	20.55 1.59 -0.51	18.31 1.43 -0.02
BARRETT_IC_9 23700	17.64 1.20 0.00	16.13 0.98 0.00	15.02 0.82 0.00	14.80 0.77 0.00	15.06 0.77 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.72 1.28 -2.54	21.17 1.03 -5.89	20.47 1.03 -5.29	20.87 1.07 -5.38	19.81 1.00 -4.16	19.43 0.84 -6.34	19.39 0.78 -7.92	19.90 0.86 -7.57	21.07 0.96 -7.95	24.11 0.94 -11.74	29.74 1.05 -14.54	35.11 1.58 -12.23	36.55 1.65 -13.51	29.71 1.60 -6.79	25.66 1.55 -4.80	20.55 1.59 -0.51	18.31 1.43 -0.02
BARRETT___1 23545	17.64 1.20 0.00	16.13 0.98 0.00	15.02 0.82 0.00	14.80 0.77 0.00	15.06 0.77 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.72 1.28 -2.54	21.17 1.03 -5.89	20.47 1.03 -5.29	20.87 1.07 -5.38	19.81 1.00 -4.16	19.43 0.84 -6.34	19.39 0.78 -7.92	19.90 0.86 -7.57	21.07 0.96 -7.95	24.11 0.94 -11.74	29.74 1.05 -14.54	35.11 1.58 -12.23	36.55 1.65 -13.51	29.71 1.60 -6.79	25.66 1.55 -4.80	20.55 1.59 -0.51	18.31 1.43 -0.02
BARRETT___2 23546	17.64 1.20 0.00	16.13 0.98 0.00	15.02 0.82 0.00	14.80 0.77 0.00	15.06 0.77 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.72 1.28 -2.54	21.17 1.03 -5.89	20.47 1.03 -5.29	20.87 1.07 -5.38	19.81 1.00 -4.16	19.43 0.84 -6.34	19.39 0.78 -7.92	19.90 0.86 -7.57	21.07 0.96 -7.95	24.11 0.94 -11.74	29.74 1.05 -14.54	35.11 1.58 -12.23	36.55 1.65 -13.51	29.71 1.60 -6.79	25.66 1.55 -4.80	20.55 1.59 -0.51	18.31 1.43 -0.02
BATAVIA___115KV_TB1 55881	16.21 -0.23 0.00	14.96 -0.18 0.00	13.86 -0.34 0.00	13.82 -0.21 0.00	14.07 -0.21 0.00	14.53 -0.25 0.00	16.00 -0.45 -0.25	16.61 -0.47 -0.19	14.33 -0.34 -0.43	14.32 -0.33 -0.50	14.36 -0.35 -0.28	14.39 -0.32 -0.06	12.48 -0.13 -0.37	11.09 -0.11 -0.51	11.75 -0.08 -0.35	12.38 -0.07 -0.29	12.71 -0.07 -1.34	16.01 -0.17 -2.03	22.65 -0.36 -1.71	22.55 -0.15 -1.32	21.88 -0.38 -0.95	19.48 -0.29 -0.47	18.36 -0.17 -0.07	16.96 0.10 0.00
BAYONEEC___CTG1 323682	17.53 1.09 0.00	16.08 0.94 0.00	15.04 0.84 0.00	14.85 0.81 0.00	15.09 0.80 0.00	15.65 0.87 0.00	19.11 1.09 -1.83	20.64 1.20 -2.54	21.14 1.00 -5.89	20.43 0.99 -5.29	20.80 0.99 -5.38	19.83 1.01 -4.17	19.45 0.87 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.99 0.86 -7.96	23.01 0.81 -10.76	29.66 0.98 -14.54	34.87 1.34 -12.23	36.35 1.45 -13.51	29.43 1.34 -6.77	23.96 1.31 -3.34	20.22 1.27 -0.49	17.97 1.11 0.00
BAYONEEC___CTG10 323750	17.53 1.09 0.00	16.08 0.94 0.00	15.04 0.84 0.00	14.85 0.81 0.00	15.09 0.80 0.00	15.65 0.87 0.00	19.11 1.09 -1.83	20.64 1.20 -2.54	21.14 1.00 -5.89	20.43 0.99 -5.29	20.80 0.99 -5.38	19.83 1.01 -4.17	19.45 0.87 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.99 0.86 -7.96	23.01 0.81 -10.76	29.66 0.98 -14.54	34.87 1.34 -12.23	36.35 1.45 -13.51	29.43 1.34 -6.77	23.96 1.31 -3.34	20.22 1.27 -0.49	17.97 1.11 0.00
BAYONEEC___CTG2 323683	17.53 1.09 0.00	16.08 0.94 0.00	15.04 0.84 0.00	14.85 0.81 0.00	15.09 0.80 0.00	15.65 0.87 0.00	19.11 1.09 -1.83	20.64 1.20 -2.54	21.14 1.00 -5.89	20.43 0.99 -5.29	20.80 0.99 -5.38	19.83 1.01 -4.17	19.45 0.87 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.99 0.86 -7.96	23.01 0.81 -10.76	29.66 0.98 -14.54	34.87 1.34 -12.23	36.35 1.45 -13.51	29.43 1.34 -6.77	23.96 1.31 -3.34	20.22 1.27 -0.49	17.97 1.11 0.00
BAYONEEC___CTG3 323684	17.53 1.09 0.00	16.08 0.94 0.00	15.04 0.84 0.00	14.85 0.81 0.00	15.09 0.80 0.00	15.65 0.87 0.00	19.11 1.09 -1.83	20.64 1.20 -2.54	21.14 1.00 -5.89	20.43 0.99 -5.29	20.80 0.99 -5.38	19.83 1.01 -4.17	19.45 0.87 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.99 0.86 -7.96	23.01 0.81 -10.76	29.66 0.98 -14.54	34.87 1.34 -12.23	36.35 1.45 -13.51	29.43 1.34 -6.77	23.96 1.31 -3.34	20.22 1.27 -0.49	17.97 1.11 0.00
BAYONEEC___CTG4 323685	17.53 1.09 0.00	16.08 0.94 0.00	15.04 0.84 0.00	14.85 0.81 0.00	15.09 0.80 0.00	15.65 0.87 0.00	19.11 1.09 -1.83	20.64 1.20 -2.54	21.14 1.00 -5.89	20.43 0.99 -5.29	20.80 0.99 -5.38	19.83 1.01 -4.17	19.45 0.87 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.99 0.86 -7.96	23.01 0.81 -10.76	29.66 0.98 -14.54	34.87 1.34 -12.23	36.35 1.45 -13.51	29.43 1.34 -6.77	23.96 1.31 -3.34	20.22 1.27 -0.49	17.97 1.11 0.00
BAYONEEC___CTG5 323686	17.53 1.09 0.00	16.08 0.94 0.00	15.04 0.84 0.00	14.85 0.81 0.00	15.09 0.80 0.00	15.65 0.87 0.00	19.11 1.09 -1.83	20.64 1.20 -2.54	21.14 1.00 -5.89	20.43 0.99 -5.29	20.80 0.99 -5.38	19.83 1.01 -4.17	19.45 0.87 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.99 0.86 -7.96	23.01 0.81 -10.76	29.66 0.98 -14.54	34.87 1.34 -12.23	36.35 1.45 -13.51	29.43 1.34 -6.77	23.96 1.31 -3.34	20.22 1.27 -0.49	17.97 1.11 0.00
BAYONEEC___CTG6 323687	17.53 1.09 0.00	16.08 0.94 0.00	15.04 0.84 0.00	14.85 0.81 0.00	15.09 0.80 0.00	15.65 0.87 0.00	19.11 1.09 -1.83	20.64 1.20 -2.54	21.14 1.00 -5.89	20.43 0.99 -5.29	20.80 0.99 -5.38	19.83 1.01 -4.17	19.45 0.87 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.99 0.86 -7.96	23.01 0.81 -10.76	29.66 0.98 -14.54	34.87 1.34 -12.23	36.35 1.45 -13.51	29.43 1.34 -6.77	23.96 1.31 -3.34	20.22 1.27 -0.49	17.97 1.11 0.00
BAYONEEC___CTG7 323688	17.53 1.09 0.00	16.08 0.94 0.00	15.04 0.84 0.00	14.85 0.81 0.00	15.09 0.80 0.00	15.65 0.87 0.00	19.11 1.09 -1.83	20.64 1.20 -2.54	21.14 1.00 -5.89	20.43 0.99 -5.29	20.80 0.99 -5.38	19.83 1.01 -4.17	19.45 0.87 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.99 0.86 -7.96	23.01 0.81 -10.76	29.66 0.98 -14.54	34.87 1.34 -12.23	36.35 1.45 -13.51	29.43 1.34 -6.77	23.96 1.31 -3.34	20.22 1.27 -0.49	17.97 1.11 0.00
BAYONEEC___CTG8 323689	17.53 1.09 0.00	16.08 0.94 0.00	15.04 0.84 0.00	14.85 0.81 0.00	15.09 0.80 0.00	15.65 0.87 0.00	19.11 1.09 -1.83	20.64 1.20 -2.54	21.14 1.00 -5.89	20.43 0.99 -5.29	20.80 0.99 -5.38	19.83 1.01 -4.17	19.45 0.87 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.99 0.86 -7.96	23.01 0.81 -10.76	29.66 0.98 -14.54	34.87 1.34 -12.23	36.35 1.45 -13.51	29.43 1.34 -6.77	23.96 1.31 -3.34	20.22 1.27 -0.49	17.97 1.11 0.00

BAYONEEC___CTG9 323749	17.53 1.09 0.00	16.08 0.94 0.00	15.04 0.84 0.00	14.85 0.81 0.00	15.09 0.80 0.00	15.65 0.87 0.00	19.11 1.09 -1.83	20.64 1.20 -2.54	21.14 1.00 -5.89	20.43 0.99 -5.29	20.80 0.99 -5.38	19.83 1.01 -4.17	19.45 0.87 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.99 0.86 -7.96	23.01 0.81 -10.76	29.66 0.98 -14.54	34.87 1.34 -12.23	36.35 1.45 -13.51	29.43 1.34 -6.77	23.96 1.31 -3.34	20.22 1.27 -0.49	17.97 1.11 0.00
BEACON___LESR 323632	16.97 0.53 0.00	15.66 0.52 0.00	14.66 0.45 0.00	14.45 0.42 0.00	14.73 0.44 0.00	15.27 0.49 0.00	19.06 0.50 -2.36	19.75 0.56 -2.29	19.91 0.44 -5.22	19.96 0.44 -5.36	19.04 0.46 -4.15	17.37 0.47 -2.25	17.76 0.39 -5.13	17.67 0.33 -6.65	17.39 0.37 -5.55	17.89 0.39 -5.33	24.66 0.35 -12.87	33.29 0.45 -18.68	37.74 0.72 -15.72	36.11 0.75 -13.98	30.72 0.70 -8.70	24.20 0.60 -4.29	19.66 0.57 -0.63	17.36 0.51 0.00
BEAVER RIVER___HYD 24048	16.71 0.26 0.00	15.42 0.27 0.00	14.40 0.20 0.00	14.23 0.20 0.00	14.49 0.20 0.00	14.97 0.19 0.00	16.29 0.02 -0.08	17.98 0.02 -1.07	15.22 -0.01 -0.99	15.13 -0.03 -1.00	15.57 -0.04 -1.18	15.90 -0.06 -1.31	13.45 -0.05 -1.26	11.88 -0.01 -1.21	12.64 -0.05 -1.21	13.33 -0.06 -1.23	12.49 -0.05 -1.09	15.63 0.03 -1.45	23.20 0.13 -1.77	23.21 0.17 -1.66	23.04 0.17 -1.55	20.70 0.10 -1.29	19.64 0.06 -1.12	17.95 0.08 -1.01
BEEBEE_GT_13 23619	16.23 -0.21 0.00	14.96 -0.18 0.00	13.89 -0.31 0.00	13.81 -0.22 0.00	14.07 -0.21 0.00	14.54 -0.24 0.00	16.22 -0.19 -0.21	16.85 -0.20 -0.16	14.46 -0.14 -0.36	14.44 -0.13 -0.41	14.55 -0.12 -0.24	14.61 -0.09 -0.05	12.53 -0.02 -0.31	11.10 -0.01 -0.43	11.77 0.00 -0.29	12.41 0.01 -0.24	12.58 0.02 -1.12	15.83 -0.01 -1.69	22.70 -0.02 -1.42	22.59 0.11 -1.10	22.02 -0.09 -0.79	19.64 -0.06 -0.39	18.51 0.00 -0.06	16.86 0.00 0.00
BENSHRST_27_KV_BENSHRST_1 355998	17.68 1.23 0.00	16.25 1.11 0.00	15.17 0.97 0.00	14.96 0.93 0.00	15.22 0.93 0.00	15.77 0.99 0.00	19.24 1.21 -1.83	20.76 1.32 -2.54	21.24 1.10 -5.89	20.50 1.06 -5.29	20.89 1.08 -5.38	19.95 1.13 -4.17	19.55 0.97 -6.34	19.47 0.85 -7.93	19.96 0.91 -7.57	21.08 0.96 -7.96	23.12 0.91 -10.76	29.82 1.13 -14.54	35.14 1.62 -12.23	36.63 1.73 -13.52	29.54 1.45 -6.77	24.11 1.47 -3.34	20.37 1.42 -0.49	18.12 1.26 0.00
BETHLEHEM___GRP 23843	16.72 0.28 0.00	15.46 0.32 0.00	14.49 0.28 0.00	14.29 0.25 0.00	14.55 0.26 0.00	15.06 0.28 0.00	18.83 0.28 -2.36	19.49 0.30 -2.29	19.70 0.23 -5.22	19.74 0.23 -5.36	18.83 0.26 -4.15	17.17 0.28 -2.24	17.59 0.23 -5.12	17.53 0.20 -6.64	17.24 0.23 -5.54	17.73 0.24 -5.32	24.50 0.18 -12.88	33.10 0.24 -18.71	37.40 0.36 -15.74	35.73 0.36 -13.98	30.39 0.36 -8.71	23.91 0.31 -4.29	19.38 0.30 -0.63	17.13 0.27 0.00
BETHLEHEM___GS1 323560	16.72 0.28 0.00	15.46 0.32 0.00	14.47 0.27 0.00	14.29 0.25 0.00	14.55 0.26 0.00	15.06 0.28 0.00	18.81 0.26 -2.36	19.49 0.30 -2.29	19.70 0.23 -5.22	19.74 0.23 -5.36	18.83 0.26 -4.15	17.17 0.28 -2.24	17.59 0.23 -5.12	17.53 0.20 -6.64	17.24 0.23 -5.54	17.73 0.24 -5.32	24.50 0.18 -12.88	33.10 0.24 -18.71	37.40 0.36 -15.74	35.73 0.36 -13.98	30.39 0.36 -8.71	23.91 0.31 -4.29	19.38 0.29 -0.63	17.13 0.27 0.00
BETHLEHEM___GS2 323561	16.72 0.28 0.00	15.46 0.32 0.00	14.47 0.27 0.00	14.29 0.25 0.00	14.55 0.26 0.00	15.06 0.28 0.00	18.81 0.26 -2.36	19.49 0.30 -2.29	19.70 0.23 -5.22	19.74 0.23 -5.36	18.83 0.26 -4.15	17.17 0.28 -2.24	17.59 0.23 -5.12	17.53 0.20 -6.64	17.24 0.23 -5.54	17.73 0.24 -5.32	24.50 0.18 -12.88	33.10 0.24 -18.71	37.40 0.36 -15.74	35.73 0.36 -13.98	30.39 0.36 -8.71	23.91 0.31 -4.29	19.38 0.29 -0.63	17.13 0.27 0.00
BETHLEHEM___GS3 323562	16.72 0.28 0.00	15.46 0.32 0.00	14.47 0.27 0.00	14.29 0.25 0.00	14.55 0.26 0.00	15.06 0.28 0.00	18.81 0.26 -2.36	19.49 0.30 -2.29	19.70 0.23 -5.22	19.74 0.23 -5.36	18.83 0.26 -4.15	17.17 0.28 -2.24	17.59 0.23 -5.12	17.53 0.20 -6.64	17.24 0.23 -5.54	17.73 0.24 -5.32	24.50 0.18 -12.88	33.10 0.24 -18.71	37.40 0.36 -15.74	35.73 0.36 -13.98	30.39 0.36 -8.71	23.91 0.31 -4.29	19.38 0.29 -0.63	17.13 0.27 0.00
BETHLEHEM___STEEL 23779	16.15 -0.30 0.00	14.87 -0.27 0.00	13.80 -0.40 0.00	13.78 -0.25 0.00	14.03 -0.26 0.00	14.47 -0.31 0.00	15.67 -0.83 -0.30	16.22 -0.90 -0.22	14.08 -0.67 -0.50	14.08 -0.65 -0.58	14.05 -0.71 -0.33	14.03 -0.69 -0.07	12.29 -0.39 -0.44	10.94 -0.34 -0.60	11.58 -0.31 -0.41	12.16 -0.34 -0.33	12.67 -0.33 -1.57	15.99 -0.54 -2.38	22.21 -1.09 -2.00	22.07 -0.86 -1.54	21.44 -0.98 -1.11	19.04 -0.81 -0.55	17.95 -0.59 -0.08	16.94 0.08 0.00
BETHLHEM_115KV_TB1 79974	16.79 0.35 0.00	15.51 0.36 0.00	14.51 0.31 0.00	14.33 0.29 0.00	14.59 0.30 0.00	15.10 0.33 0.00	18.88 0.32 -2.36	19.54 0.35 -2.29	19.73 0.27 -5.21	19.78 0.27 -5.36	18.85 0.29 -4.14	17.21 0.32 -2.23	17.62 0.27 -5.11	17.55 0.24 -6.63	17.25 0.25 -5.53	17.74 0.27 -5.31	24.53 0.22 -12.88	33.14 0.28 -18.71	37.46 0.43 -15.73	35.78 0.43 -13.97	30.46 0.43 -8.71	23.97 0.37 -4.29	19.44 0.35 -0.63	17.18 0.32 0.00
BETHPAGE_CC_5 323564	17.81 1.36 0.00	16.27 1.12 0.00	15.14 0.94 0.00	14.90 0.87 0.00	15.17 0.89 0.00	15.86 1.08 0.00	19.34 1.31 -1.83	20.87 1.44 -2.54	21.31 1.17 -5.89	20.60 1.16 -5.29	21.01 1.21 -5.38	19.94 1.13 -4.16	19.54 0.96 -6.34	19.50 0.89 -7.92	20.02 0.97 -7.57	21.20 1.08 -7.95	24.25 1.07 -11.74	29.95 1.26 -14.54	35.43 1.89 -12.23	36.86 1.97 -13.51	30.05 1.94 -6.79	25.87 1.76 -4.80	20.75 1.79 -0.51	18.53 1.65 -0.02
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	16.21 -0.23 0.00	14.92 -0.23 0.00	13.85 -0.36 0.00	13.82 -0.21 0.00	14.07 -0.21 0.00	14.53 -0.25 0.00	15.62 -0.87 -0.30	16.17 -0.95 -0.22	14.04 -0.71 -0.50	14.05 -0.69 -0.59	14.01 -0.75 -0.34	13.99 -0.73 -0.07	12.26 -0.43 -0.44	10.91 -0.37 -0.60	11.55 -0.34 -0.42	12.12 -0.38 -0.34	12.64 -0.38 -1.58	15.97 -0.58 -2.40	22.17 -1.15 -2.02	22.04 -0.90 -1.56	21.41 -1.02 -1.12	18.99 -0.87 -0.55	17.91 -0.63 -0.08	17.01 0.15 0.00
BINGHAMTON___COGEN 23790	16.69 0.25 0.00	15.37 0.23 0.00	14.33 0.13 0.00	14.20 0.17 0.00	14.49 0.20 0.00	14.97 0.19 0.00	16.87 0.10 -0.58	17.44 0.12 -0.43	15.31 0.10 -0.96	15.39 0.11 -1.12	15.17 0.10 -0.64	14.87 0.09 -0.13	13.21 0.12 -0.85	11.94 0.11 -1.15	12.41 0.14 -0.79	12.94 0.13 -0.65	14.59 0.13 -3.02	18.90 0.17 -4.58	25.36 0.21 -3.85	24.65 0.30 -2.97	23.69 0.23 -2.13	20.57 0.21 -1.05	18.83 0.22 -0.15	17.23 0.37 0.00
BIXINCNT_115KV_LOAD 355685	16.08 -0.36 0.00	14.78 -0.36 0.00	13.68 -0.53 0.00	13.67 -0.36 0.00	14.03 -0.26 0.00	14.47 -0.31 0.00	15.23 -1.28 -0.32	15.76 -1.37 -0.24	13.72 -1.05 -0.53	13.69 -1.08 -0.61	13.57 -1.21 -0.35	13.44 -1.29 -0.07	11.79 -0.92 -0.46	10.52 -0.80 -0.63	11.13 -0.78 -0.44	11.68 -0.84 -0.35	12.27 -0.82 -1.66	15.58 -1.09 -2.52	21.56 -1.85 -2.12	21.43 -1.58 -1.63	20.83 -1.66 -1.17	18.46 -1.43 -0.58	17.44 -1.11 -0.08	16.96 0.10 0.00

BLACK RIVER___HYD 24047	16.90 0.46 0.00	15.62 0.47 0.00	14.54 0.34 0.00	14.40 0.36 0.00	14.69 0.40 0.00	15.16 0.38 0.00	16.57 0.28 -0.10	18.02 0.32 -0.80	15.26 0.23 -0.78	15.18 0.21 -0.81	15.53 0.20 -0.90	15.79 0.19 -0.95	13.37 0.16 -0.97	11.84 0.19 -0.96	12.56 0.16 -0.93	13.25 0.16 -0.93	12.63 0.16 -1.03	15.89 0.33 -1.42	23.50 0.62 -1.59	23.52 0.70 -1.43	23.30 0.70 -1.28	20.86 0.54 -1.01	19.70 0.42 -0.82	18.02 0.44 -0.72
BLACKRVR_115KV_TB2 79977	16.91 0.46 0.00	15.61 0.47 0.00	14.54 0.34 0.00	14.40 0.36 0.00	14.69 0.40 0.00	15.16 0.38 0.00	16.57 0.28 -0.10	18.02 0.32 -0.80	15.26 0.23 -0.78	15.18 0.21 -0.81	15.53 0.20 -0.90	15.79 0.19 -0.95	13.37 0.16 -0.97	11.84 0.19 -0.96	12.56 0.16 -0.93	13.25 0.16 -0.93	12.63 0.16 -1.03	15.89 0.33 -1.42	23.50 0.62 -1.59	23.52 0.71 -1.43	23.30 0.70 -1.28	20.86 0.54 -1.01	19.70 0.42 -0.82	18.02 0.44 -0.72
BLISS_WT_PWR 323608	15.98 -0.46 0.00	14.75 -0.39 0.00	13.63 -0.57 0.00	13.57 -0.46 0.00	13.96 -0.33 0.00	14.40 -0.38 0.00	15.10 -1.41 -0.32	15.66 -1.47 -0.24	13.62 -1.15 -0.53	13.59 -1.17 -0.61	13.44 -1.34 -0.35	13.29 -1.44 -0.07	11.66 -1.04 -0.46	10.42 -0.90 -0.63	11.02 -0.90 -0.44	11.56 -0.96 -0.35	12.16 -0.94 -1.66	15.45 -1.22 -2.52	21.35 -2.07 -2.12	21.24 -1.77 -1.63	20.64 -1.85 -1.17	18.30 -1.58 -0.58	17.31 -1.24 -0.08	16.88 0.02 0.00
BLUESTONE___WT_PWR 323821	17.32 0.87 0.00	15.99 0.85 0.00	14.86 0.65 0.00	14.73 0.70 0.00	15.03 0.74 0.00	15.53 0.75 0.00	17.60 0.75 -0.66	18.23 0.84 -0.49	16.04 0.68 -1.10	16.11 0.67 -1.29	15.80 0.63 -0.74	15.41 0.60 -0.15	13.76 0.55 -0.97	12.53 0.52 -1.32	12.91 0.53 -0.91	13.44 0.53 -0.74	15.44 0.54 -3.47	20.18 0.78 -5.25	26.93 1.21 -4.42	26.14 1.35 -3.40	25.09 1.32 -2.45	21.59 1.08 -1.21	19.61 0.98 -0.18	17.94 1.08 0.00
BLUE_CIRC_CHEM_DRP 24182	16.99 0.54 0.00	15.66 0.51 0.00	14.67 0.47 0.00	14.48 0.45 0.00	14.75 0.46 0.00	15.27 0.49 0.00	19.04 0.52 -2.32	19.69 0.52 -2.27	19.86 0.43 -5.18	19.87 0.41 -5.30	18.99 0.43 -4.13	17.36 0.44 -2.26	17.70 0.37 -5.10	17.61 0.32 -6.60	17.36 0.36 -5.53	17.87 0.38 -5.33	24.47 0.34 -12.69	32.99 0.44 -18.40	37.46 0.68 -15.48	35.89 0.68 -13.82	30.57 0.68 -8.57	24.11 0.58 -4.22	19.63 0.55 -0.62	17.38 0.52 0.00
BOC_GAS_DRP 24189	16.92 0.48 0.00	15.60 0.45 0.00	14.60 0.40 0.00	14.41 0.38 0.00	14.67 0.39 0.00	15.21 0.43 0.00	19.01 0.45 -2.36	19.65 0.47 -2.28	19.83 0.40 -5.19	19.89 0.40 -5.34	18.94 0.40 -4.11	17.28 0.42 -2.20	17.67 0.35 -5.08	17.59 0.31 -6.59	17.29 0.33 -5.48	17.77 0.35 -5.26	24.61 0.32 -12.86	33.23 0.40 -18.69	37.59 0.58 -15.72	35.91 0.60 -13.92	30.62 0.60 -8.70	24.14 0.54 -4.29	19.60 0.52 -0.63	17.33 0.47 0.00
BOONVILLE_115KV_TB1 79983	16.77 0.33 0.00	15.48 0.33 0.00	14.46 0.26 0.00	14.30 0.27 0.00	14.56 0.27 0.00	15.06 0.28 0.00	16.46 0.19 -0.07	17.57 0.22 -0.45	14.86 0.16 -0.45	14.78 0.16 -0.47	15.06 0.13 -0.51	15.30 0.12 -0.52	12.90 0.11 -0.55	11.36 0.12 -0.55	12.11 0.10 -0.53	12.79 0.10 -0.53	12.17 0.10 -0.63	15.21 0.18 -0.88	22.60 0.34 -0.96	22.62 0.38 -0.85	22.46 0.38 -0.75	20.18 0.29 -0.58	19.13 0.22 -0.45	17.51 0.25 -0.40
BORALEX_4TH_BRANCH 23824	17.33 0.89 0.00	15.95 0.80 0.00	14.91 0.71 0.00	14.68 0.65 0.00	14.95 0.66 0.00	15.52 0.74 0.00	19.32 0.78 -2.35	20.06 0.84 -2.32	20.29 0.76 -5.29	20.31 0.76 -5.39	19.44 0.78 -4.24	17.77 0.76 -2.35	18.10 0.65 -5.21	18.00 0.57 -6.75	17.77 0.62 -5.68	18.31 0.66 -5.49	24.96 0.66 -12.86	33.54 0.78 -18.61	38.11 1.15 -15.66	36.52 1.09 -14.05	31.12 1.13 -8.67	24.62 1.04 -4.27	20.10 1.02 -0.63	17.70 0.84 0.00
BOWLINE___1 23526	17.40 0.95 0.00	15.98 0.83 0.00	14.93 0.72 0.00	14.73 0.70 0.00	15.00 0.71 0.00	15.55 0.77 0.00	18.83 0.94 -1.70	20.58 1.01 -2.67	21.32 0.85 -6.21	20.36 0.85 -5.35	21.16 0.87 -5.87	20.37 0.86 -4.85	19.83 0.75 -6.85	19.82 0.65 -8.48	20.53 0.70 -8.36	21.84 0.74 -8.94	22.41 0.70 -10.28	28.47 0.86 -13.46	33.86 1.23 -11.32	36.34 1.35 -13.61	28.82 1.24 -6.27	23.54 1.14 -3.09	20.04 1.13 -0.45	17.84 0.98 0.00
BOWLINE___2 23595	17.40 0.95 0.00	15.98 0.83 0.00	14.93 0.72 0.00	14.73 0.70 0.00	15.00 0.71 0.00	15.55 0.77 0.00	18.83 0.94 -1.70	20.59 1.03 -2.66	21.31 0.85 -6.21	20.36 0.85 -5.35	21.15 0.87 -5.87	20.37 0.86 -4.85	19.83 0.75 -6.84	19.81 0.65 -8.47	20.53 0.70 -8.35	21.84 0.74 -8.93	22.41 0.70 -10.28	28.48 0.86 -13.47	33.86 1.23 -11.33	36.33 1.35 -13.60	28.83 1.24 -6.27	23.54 1.14 -3.09	20.04 1.13 -0.45	17.84 0.98 0.00
BRADY___115KV_TB2 356060	16.28 -0.16 0.00	14.99 -0.15 0.00	14.14 -0.06 0.00	13.92 -0.11 0.00	14.13 -0.16 0.00	14.60 -0.18 0.00	15.95 -0.24 0.00	17.90 -0.29 -1.29	15.12 -0.23 -1.10	15.01 -0.24 -1.09	15.61 -0.22 -1.40	16.08 -0.22 -1.65	13.52 -0.18 -1.47	11.87 -0.16 -1.35	12.67 -0.21 -1.41	13.40 -0.22 -1.46	12.12 -0.21 -0.89	14.95 -0.28 -1.09	22.58 -0.34 -1.62	22.58 -0.43 -1.62	22.53 -0.41 -1.62	20.43 -0.35 -1.47	19.51 -0.35 -1.41	17.82 -0.32 -1.28
BRANSCOMB___SOLAR 323811	17.38 0.94 0.00	15.99 0.85 0.00	14.97 0.77 0.00	14.76 0.73 0.00	15.04 0.76 0.00	15.61 0.83 0.00	19.50 0.89 -2.41	20.07 0.86 -2.32	20.25 0.73 -5.27	20.33 0.74 -5.44	19.33 0.74 -4.17	17.61 0.75 -2.21	18.02 0.62 -5.16	17.91 0.52 -6.70	17.57 0.54 -5.55	18.06 0.58 -5.32	25.15 0.58 -13.13	34.00 0.75 -19.10	38.69 1.32 -16.07	36.91 1.33 -14.20	31.54 1.32 -8.90	24.81 1.12 -4.38	20.17 1.07 -0.64	17.79 0.93 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	18.04 1.60 0.00	16.49 1.35 0.00	15.32 1.12 0.00	15.06 1.02 0.00	15.43 1.14 0.00	16.07 1.29 0.00	19.55 1.52 -1.83	21.09 1.66 -2.54	21.47 1.33 -5.89	20.77 1.33 -5.29	21.19 1.38 -5.38	20.07 1.26 -4.16	19.63 1.05 -6.34	19.60 0.99 -7.92	20.15 1.10 -7.57	21.37 1.25 -7.95	24.47 1.29 -11.74	30.23 1.54 -14.54	35.90 2.36 -12.24	37.32 2.42 -13.52	30.50 2.39 -6.80	26.23 2.12 -4.80	21.12 2.16 -0.51	18.85 1.97 -0.02
BRISTLHL_115KV_TB1 79998	16.71 0.26 0.00	15.40 0.26 0.00	14.34 0.14 0.00	14.21 0.18 0.00	14.53 0.24 0.00	15.00 0.22 0.00	16.61 0.26 -0.16	17.33 0.32 -0.12	14.78 0.27 -0.26	14.74 0.28 -0.30	14.90 0.30 -0.17	15.00 0.31 -0.04	12.74 0.27 -0.23	11.23 0.24 -0.31	11.95 0.26 -0.21	12.60 0.27 -0.17	12.49 0.24 -0.81	15.72 0.34 -1.23	22.89 0.55 -1.04	22.83 0.64 -0.80	22.45 0.55 -0.57	20.07 0.48 -0.28	18.92 0.42 -0.04	17.25 0.39 0.00
BROOKHAVEN___DRP 24191	18.07 1.63 0.00	16.52 1.38 0.00	15.35 1.15 0.00	15.08 1.05 0.00	15.46 1.17 0.00	16.09 1.32 0.00	19.60 1.57 -1.83	21.13 1.69 -2.54	21.48 1.34 -5.89	20.78 1.34 -5.29	21.19 1.38 -5.38	20.06 1.25 -4.16	19.61 1.03 -6.34	19.57 0.96 -7.92	20.11 1.07 -7.57	21.34 1.23 -7.95	24.48 1.30 -11.74	30.26 1.57 -14.54	35.97 2.43 -12.24	37.39 2.48 -13.52	30.60 2.47 -6.81	26.27 2.16 -4.80	21.18 2.21 -0.51	18.91 2.04 -0.02

BROOKLYN_NAVY_YARD 23515	17.51 1.07 0.00	16.08 0.94 0.00	15.02 0.82 0.00	14.83 0.80 0.00	15.09 0.80 0.00	15.64 0.86 0.00	19.13 1.10 -1.83	20.64 1.20 -2.54	21.15 1.01 -5.89	20.43 0.99 -5.29	20.79 0.98 -5.38	19.82 1.00 -4.17	19.44 0.86 -6.34	19.37 0.76 -7.93	19.85 0.80 -7.57	20.97 0.85 -7.96	23.00 0.80 -10.76	29.65 0.96 -14.54	34.87 1.34 -12.23	36.35 1.45 -13.52	29.41 1.32 -6.77	23.92 1.27 -3.34	20.22 1.27 -0.49	17.95 1.10 0.00
BROOKLYN___ARMY_DRP 323595	17.63 1.18 0.00	16.21 1.06 0.00	15.12 0.92 0.00	14.93 0.90 0.00	15.17 0.89 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.07 0.87 -10.76	29.76 1.08 -14.54	35.06 1.53 -12.23	36.55 1.65 -13.52	29.45 1.36 -6.77	24.03 1.39 -3.34	20.31 1.37 -0.49	18.06 1.20 0.00
BROOKVLE_69_KV_TB1 55790	17.71 1.27 0.00	16.24 1.09 0.00	15.12 0.92 0.00	14.89 0.86 0.00	15.20 0.91 0.00	15.80 1.02 0.00	19.26 1.23 -1.83	20.79 1.35 -2.54	21.25 1.11 -5.89	20.54 1.10 -5.29	20.96 1.15 -5.38	19.93 1.11 -4.16	19.52 0.94 -6.34	19.47 0.85 -7.92	19.97 0.93 -7.57	21.15 1.03 -7.95	24.18 1.01 -11.74	29.90 1.20 -14.54	35.30 1.77 -12.23	36.78 1.88 -13.51	29.90 1.79 -6.79	25.75 1.64 -4.80	20.59 1.62 -0.51	18.34 1.47 -0.02
BROOME_2_LFGE 323671	16.69 0.25 0.00	15.37 0.23 0.00	14.33 0.13 0.00	14.20 0.17 0.00	14.49 0.20 0.00	14.97 0.19 0.00	16.86 0.08 -0.58	17.45 0.12 -0.43	15.31 0.10 -0.96	15.39 0.11 -1.12	15.17 0.10 -0.64	14.87 0.09 -0.13	13.21 0.12 -0.85	11.94 0.11 -1.15	12.41 0.14 -0.79	12.94 0.13 -0.65	14.59 0.13 -3.02	18.90 0.17 -4.58	25.34 0.19 -3.85	24.65 0.30 -2.97	23.69 0.23 -2.13	20.57 0.21 -1.05	18.83 0.22 -0.15	17.25 0.39 0.00
BROOME___LFGE 323600	16.69 0.25 0.00	15.37 0.23 0.00	14.33 0.13 0.00	14.20 0.17 0.00	14.49 0.20 0.00	14.97 0.19 0.00	16.86 0.08 -0.58	17.45 0.12 -0.43	15.31 0.10 -0.96	15.39 0.11 -1.12	15.17 0.10 -0.64	14.87 0.09 -0.13	13.21 0.12 -0.85	11.94 0.11 -1.15	12.41 0.14 -0.79	12.94 0.13 -0.65	14.59 0.13 -3.02	18.90 0.17 -4.58	25.34 0.19 -3.85	24.65 0.30 -2.97	23.69 0.23 -2.13	20.57 0.21 -1.05	18.83 0.22 -0.15	17.25 0.39 0.00
BROWNFLS_115KV_TB_3_5 80003	16.49 0.05 0.00	15.21 0.06 0.00	14.26 0.06 0.00	14.06 0.03 0.00	14.30 0.01 0.00	14.78 0.00 0.00	16.10 -0.15 -0.05	18.56 -0.17 -1.83	15.70 -0.16 -1.61	15.62 -0.16 -1.62	16.27 -0.16 -2.01	16.77 -0.18 -2.30	14.22 -0.13 -2.11	12.56 -0.11 -1.98	13.35 -0.15 -2.02	14.07 -0.17 -2.08	12.79 -0.16 -1.52	15.88 -0.20 -1.93	23.71 -0.19 -2.60	23.69 -0.21 -2.52	23.57 -0.19 -2.44	21.27 -0.17 -2.14	20.24 -0.18 -1.97	18.49 -0.15 -1.78
BROWNSV1_27_KV_LOAD 356125	17.65 1.20 0.00	16.22 1.08 0.00	15.14 0.94 0.00	14.93 0.90 0.00	15.17 0.89 0.00	15.74 0.96 0.00	19.23 1.20 -1.83	20.76 1.32 -2.54	21.24 1.10 -5.89	20.52 1.08 -5.29	20.89 1.08 -5.38	19.93 1.11 -4.17	19.54 0.95 -6.34	19.46 0.84 -7.93	19.94 0.90 -7.57	21.07 0.95 -7.96	23.09 0.89 -10.76	29.77 1.09 -14.54	35.06 1.53 -12.23	36.55 1.65 -13.52	29.58 1.49 -6.77	24.09 1.45 -3.34	20.35 1.40 -0.49	18.07 1.21 0.00
BURROWS___LYONSDAL 23803	16.77 0.33 0.00	15.48 0.33 0.00	14.44 0.24 0.00	14.29 0.25 0.00	14.56 0.27 0.00	15.05 0.27 0.00	16.40 0.13 -0.07	17.62 0.15 -0.57	14.92 0.11 -0.56	14.83 0.10 -0.58	15.14 0.07 -0.64	15.39 0.06 -0.68	12.99 0.06 -0.69	11.44 0.07 -0.68	12.19 0.06 -0.66	12.88 0.05 -0.66	12.22 0.06 -0.72	15.28 0.14 -0.99	22.69 0.28 -1.12	22.72 0.32 -1.01	22.55 0.32 -0.91	20.26 0.23 -0.72	19.21 0.17 -0.58	17.58 0.20 -0.52
CAITHNESS_CC_1 323624	18.02 1.58 0.00	16.45 1.30 0.00	15.30 1.09 0.00	15.04 1.01 0.00	15.32 1.03 0.00	16.05 1.27 0.00	19.55 1.52 -1.83	21.07 1.64 -2.54	21.44 1.30 -5.89	20.74 1.30 -5.29	21.14 1.34 -5.38	20.02 1.20 -4.16	19.57 0.99 -6.34	19.55 0.94 -7.92	20.09 1.04 -7.57	21.32 1.20 -7.95	24.45 1.27 -11.74	30.19 1.50 -14.54	35.89 2.34 -12.24	37.30 2.39 -13.52	30.49 2.37 -6.81	26.20 2.09 -4.80	21.10 2.14 -0.51	18.85 1.97 -0.02
CALPINE BETH_PAGE_GT4 24209	17.79 1.35 0.00	16.28 1.14 0.00	15.15 0.95 0.00	14.90 0.87 0.00	15.25 0.96 0.00	15.84 1.06 0.00	19.33 1.30 -1.83	20.86 1.42 -2.54	21.29 1.15 -5.89	20.60 1.16 -5.29	21.01 1.21 -5.38	19.93 1.11 -4.16	19.54 0.95 -6.34	19.49 0.88 -7.92	20.01 0.96 -7.57	21.17 1.06 -7.95	24.22 1.04 -11.74	29.91 1.22 -14.54	35.36 1.83 -12.23	36.80 1.90 -13.51	29.99 1.88 -6.79	25.81 1.70 -4.80	20.72 1.75 -0.51	18.49 1.62 -0.02
CALPINE_BETH_PAGE_GT_4 323586	17.79 1.35 0.00	16.27 1.12 0.00	15.14 0.94 0.00	14.90 0.87 0.00	15.16 0.87 0.00	15.84 1.06 0.00	19.33 1.30 -1.83	20.86 1.42 -2.54	21.29 1.15 -5.89	20.60 1.16 -5.29	21.01 1.21 -5.38	19.93 1.11 -4.16	19.54 0.96 -6.34	19.49 0.88 -7.92	20.01 0.96 -7.57	21.17 1.06 -7.95	24.22 1.04 -11.74	29.91 1.22 -14.54	35.37 1.83 -12.23	36.80 1.90 -13.51	29.97 1.85 -6.79	25.81 1.70 -4.80	20.72 1.75 -0.51	18.49 1.62 -0.02
CALPINE_BP_GT1 23823	17.79 1.35 0.00	16.27 1.12 0.00	15.14 0.94 0.00	14.90 0.87 0.00	15.16 0.87 0.00	15.84 1.06 0.00	19.33 1.30 -1.83	20.86 1.42 -2.54	21.29 1.15 -5.89	20.60 1.16 -5.29	21.01 1.21 -5.38	19.93 1.11 -4.16	19.54 0.96 -6.34	19.49 0.88 -7.92	20.01 0.96 -7.57	21.17 1.06 -7.95	24.22 1.04 -11.74	29.91 1.22 -14.54	35.37 1.83 -12.23	36.80 1.90 -13.51	29.97 1.85 -6.79	25.81 1.70 -4.80	20.72 1.75 -0.51	18.49 1.62 -0.02
CALSPAN___DRP 24200	16.15 -0.30 0.00	14.87 -0.27 0.00	13.80 -0.40 0.00	13.78 -0.25 0.00	14.03 -0.26 0.00	14.47 -0.31 0.00	15.67 -0.83 -0.30	16.22 -0.90 -0.22	14.08 -0.67 -0.50	14.08 -0.65 -0.58	14.05 -0.71 -0.33	14.03 -0.69 -0.07	12.29 -0.39 -0.44	10.94 -0.34 -0.60	11.58 -0.31 -0.41	12.16 -0.34 -0.33	12.67 -0.33 -1.57	15.99 -0.54 -2.38	22.21 -1.09 -2.00	22.07 -0.86 -1.54	21.44 -0.98 -1.11	19.04 -0.81 -0.55	17.95 -0.59 -0.08	16.94 0.08 0.00
CALVERTON___SOLAR 323806	18.14 1.69 0.00	16.55 1.41 0.00	15.39 1.19 0.00	15.13 1.10 0.00	15.40 1.12 0.00	16.15 1.37 0.00	19.67 1.64 -1.83	21.19 1.76 -2.54	21.54 1.40 -5.89	20.84 1.40 -5.29	21.24 1.44 -5.38	20.10 1.29 -4.16	19.65 1.06 -6.34	19.60 0.99 -7.92	20.15 1.10 -7.57	21.39 1.28 -7.95	24.53 1.35 -11.74	30.32 1.63 -14.54	36.08 2.53 -12.24	37.50 2.59 -13.52	30.68 2.56 -6.81	26.35 2.24 -4.80	21.27 2.31 -0.51	19.00 2.12 -0.02
CANDIGU_WT_PWR 323617	16.33 -0.11 0.00	15.07 -0.08 0.00	13.99 -0.21 0.00	13.89 -0.14 0.00	14.16 -0.13 0.00	14.62 -0.16 0.00	16.06 -0.53 -0.40	16.65 -0.54 -0.30	14.48 -0.43 -0.66	14.49 -0.44 -0.77	14.38 -0.49 -0.44	14.23 -0.51 -0.09	12.50 -0.33 -0.58	11.19 -0.29 -0.79	11.76 -0.26 -0.55	12.33 -0.28 -0.45	13.26 -0.26 -2.08	16.95 -0.35 -3.16	23.32 -0.64 -2.66	22.98 -0.45 -2.05	22.26 -0.53 -1.47	19.59 -0.44 -0.72	18.25 -0.31 -0.11	17.03 0.17 0.00

CARR STREET_E_SYR 24060	16.41 -0.03 0.00	15.13 -0.02 0.00	14.12 -0.08 0.00	13.98 -0.06 0.00	14.26 -0.03 0.00	14.75 -0.03 0.00	16.33 -0.03 -0.17	17.02 0.00 -0.12	14.53 0.00 -0.28	14.48 0.00 -0.32	14.63 0.01 -0.19	14.71 0.01 -0.04	12.50 0.01 -0.24	11.03 0.01 -0.33	11.73 0.02 -0.23	12.37 0.02 -0.19	12.33 0.02 -0.87	15.51 0.04 -1.32	22.48 0.06 -1.11	22.37 0.13 -0.86	22.00 0.06 -0.62	19.65 0.04 -0.30	18.54 0.04 -0.04	16.91 0.05 0.00
CARTHAGE___PAPER 23857	16.76 0.31 0.00	15.46 0.32 0.00	14.43 0.23 0.00	14.27 0.24 0.00	14.55 0.26 0.00	15.02 0.24 0.00	16.37 0.08 -0.09	17.90 0.10 -0.90	15.17 0.06 -0.86	15.08 0.04 -0.89	15.46 0.03 -1.01	15.74 0.00 -1.09	13.34 0.01 -1.08	11.78 0.04 -1.06	12.52 0.01 -1.04	13.21 0.00 -1.05	12.52 0.02 -1.06	15.70 0.13 -1.43	23.25 0.30 -1.66	23.27 0.36 -1.52	23.07 0.36 -1.38	20.68 0.25 -1.12	19.56 0.17 -0.93	17.88 0.19 -0.83
CASSADAGA_WT_PWR 323784	15.97 -0.48 0.00	14.77 -0.38 0.00	13.68 -0.53 0.00	13.54 -0.49 0.00	13.79 -0.50 0.00	14.22 -0.56 0.00	15.25 -1.26 -0.32	15.83 -1.30 -0.24	13.76 -1.01 -0.53	13.73 -1.03 -0.61	13.65 -1.13 -0.35	13.63 -1.10 -0.07	11.96 -0.75 -0.46	10.65 -0.66 -0.63	11.26 -0.65 -0.44	11.84 -0.68 -0.35	12.45 -0.64 -1.66	15.84 -0.82 -2.51	21.98 -1.43 -2.11	21.92 -1.09 -1.63	21.36 -1.13 -1.17	18.96 -0.93 -0.58	17.86 -0.68 -0.08	16.96 0.10 0.00
CE_DUNWOOD___DRP 24194	17.48 1.04 0.00	16.07 0.92 0.00	15.01 0.81 0.00	14.80 0.77 0.00	15.06 0.77 0.00	15.62 0.84 0.00	19.04 1.02 -1.82	20.58 1.13 -2.55	21.13 0.95 -5.92	20.38 0.93 -5.29	20.80 0.95 -5.43	19.83 0.95 -4.23	19.45 0.82 -6.39	19.38 0.72 -7.98	19.89 0.77 -7.65	21.03 0.81 -8.05	22.92 0.77 -10.72	29.52 0.93 -14.43	34.78 1.34 -12.14	36.36 1.45 -13.52	29.38 1.34 -6.72	23.88 1.25 -3.31	20.16 1.22 -0.49	17.92 1.06 0.00
CE_MILLWOOD___DRP 24193	17.46 1.02 0.00	16.05 0.91 0.00	14.98 0.78 0.00	14.78 0.74 0.00	15.05 0.76 0.00	15.59 0.81 0.00	18.99 0.99 -1.80	20.56 1.10 -2.57	21.14 0.93 -5.97	20.36 0.91 -5.30	20.84 0.92 -5.49	19.90 0.92 -4.33	19.50 0.80 -6.46	19.44 0.69 -8.06	19.98 0.75 -7.76	21.14 0.79 -8.19	22.82 0.73 -10.65	29.33 0.91 -14.28	34.61 1.30 -12.01	36.33 1.41 -13.53	29.27 1.30 -6.65	23.80 1.22 -3.28	20.12 1.18 -0.48	17.89 1.03 0.00
CE_NYC2_DRP 24202	17.61 1.17 0.00	16.19 1.05 0.00	15.12 0.92 0.00	14.92 0.88 0.00	15.17 0.89 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.70 1.27 -2.54	21.21 1.07 -5.89	20.47 1.03 -5.29	20.86 1.05 -5.38	19.90 1.08 -4.17	19.52 0.93 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.07 0.87 -10.76	29.73 1.05 -14.54	34.97 1.45 -12.23	36.46 1.56 -13.52	29.45 1.36 -6.77	24.03 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
CE_NYC_DRP 24195	17.55 1.10 0.00	16.14 1.00 0.00	15.07 0.87 0.00	14.86 0.83 0.00	15.12 0.83 0.00	15.67 0.89 0.00	19.13 1.10 -1.83	20.65 1.22 -2.54	21.15 1.01 -5.89	20.44 1.00 -5.29	20.82 1.01 -5.38	19.84 1.03 -4.17	19.47 0.88 -6.34	19.40 0.78 -7.93	19.88 0.83 -7.57	21.00 0.88 -7.96	23.02 0.82 -10.76	29.69 1.00 -14.54	34.91 1.38 -12.23	36.40 1.50 -13.52	29.47 1.39 -6.77	23.98 1.33 -3.34	20.26 1.31 -0.49	17.99 1.13 0.00
CHAFFEE___LFGE 323603	16.20 -0.25 0.00	14.99 -0.15 0.00	13.90 -0.30 0.00	13.82 -0.21 0.00	14.06 -0.23 0.00	14.51 -0.27 0.00	15.63 -0.87 -0.31	16.23 -0.90 -0.23	14.09 -0.67 -0.51	14.10 -0.65 -0.60	14.06 -0.71 -0.34	14.05 -0.67 -0.07	12.30 -0.39 -0.45	10.96 -0.34 -0.61	11.59 -0.31 -0.42	12.18 -0.33 -0.34	12.72 -0.33 -1.61	16.07 -0.52 -2.45	22.27 -1.09 -2.06	22.11 -0.86 -1.59	21.48 -0.98 -1.14	19.04 -0.83 -0.56	17.95 -0.59 -0.08	16.99 0.13 0.00
CHATEAUG_35_KV_LOAD 355732	16.15 -0.30 0.00	14.90 -0.24 0.00	14.05 -0.16 0.00	13.71 -0.32 0.00	13.83 -0.46 0.00	14.16 -0.62 0.00	15.32 -0.87 0.00	-1.65 -1.03 17.52	-1.48 -0.84 14.89	-1.52 -0.84 14.84	-5.42 -0.82 19.03	-8.48 -0.82 22.31	-8.33 -0.70 19.88	-8.23 -0.62 18.30	-8.28 -0.69 19.07	-8.33 -0.73 19.76	-1.34 -0.67 12.10	-1.50 -0.89 14.76	-1.94 -1.26 21.99	-1.96 -1.37 21.97	-1.97 -1.36 21.93	-1.85 -1.20 19.96	-1.79 -1.18 19.07	-1.68 -1.11 17.42
CHATEAUG_WT_PWR 323614	16.13 -0.31 0.00	14.93 -0.21 0.00	14.06 -0.14 0.00	13.71 -0.32 0.00	13.82 -0.47 0.00	14.14 -0.64 0.00	15.29 -0.91 0.00	-0.49 -1.06 16.32	-0.50 -0.87 13.87	-0.55 -0.88 13.83	-4.17 -0.87 17.73	-7.00 -0.86 20.79	-7.02 -0.73 18.52	-7.00 -0.64 17.05	-7.00 -0.71 17.77	-7.00 -0.75 18.41	-0.54 -0.70 11.28	-0.54 -0.93 13.75	-0.53 -1.34 20.49	-0.50 -1.41 20.47	-0.50 -1.39 20.43	-0.53 -1.24 18.60	-0.53 -1.22 17.77	-0.52 -1.15 16.24
CHAT_HIGH_FALL_HYD 323578	16.15 -0.30 0.00	14.92 -0.23 0.00	14.05 -0.16 0.00	13.71 -0.32 0.00	13.83 -0.46 0.00	14.16 -0.62 0.00	15.32 -0.87 0.00	-1.65 -1.03 17.52	-1.48 -0.84 14.89	-1.52 -0.84 14.84	-5.42 -0.82 19.03	-8.48 -0.82 22.31	-8.33 -0.70 19.88	-8.23 -0.62 18.30	-8.28 -0.69 19.07	-8.33 -0.73 19.76	-1.34 -0.67 12.10	-1.50 -0.89 14.76	-1.94 -1.26 21.99	-1.96 -1.37 21.97	-1.95 -1.34 21.93	-1.85 -1.20 19.96	-1.79 -1.18 19.07	-1.68 -1.11 17.42
CHAUTAUQUA___LFGE 323629	16.15 -0.30 0.00	14.93 -0.21 0.00	13.85 -0.35 0.00	13.75 -0.28 0.00	13.99 -0.30 0.00	14.44 -0.34 0.00	15.60 -0.91 -0.31	16.20 -0.93 -0.23	14.07 -0.70 -0.52	14.06 -0.69 -0.60	14.01 -0.76 -0.35	13.99 -0.73 -0.07	12.27 -0.43 -0.46	10.92 -0.38 -0.62	11.55 -0.36 -0.43	12.13 -0.38 -0.35	12.69 -0.38 -1.63	16.08 -0.54 -2.47	22.31 -1.06 -2.08	22.19 -0.79 -1.60	21.58 -0.89 -1.15	19.14 -0.73 -0.57	18.04 -0.50 -0.08	17.01 0.15 0.00
CHERRYST_13_KV_LD 356241	17.58 1.13 0.00	16.18 1.03 0.00	15.10 0.89 0.00	14.89 0.86 0.00	15.15 0.86 0.00	15.70 0.92 0.00	19.16 1.13 -1.83	20.69 1.25 -2.54	21.20 1.05 -5.89	20.47 1.03 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.50 0.92 -6.34	19.42 0.80 -7.93	19.90 0.85 -7.57	21.02 0.90 -7.96	23.05 0.85 -10.76	29.72 1.03 -14.54	34.97 1.45 -12.23	36.46 1.56 -13.52	29.52 1.43 -6.77	24.02 1.37 -3.34	20.29 1.35 -0.49	18.02 1.16 0.00
CHESTROR_138KV_BK263 355645	17.30 0.86 0.00	15.90 0.76 0.00	14.85 0.65 0.00	14.65 0.62 0.00	14.92 0.63 0.00	15.44 0.67 0.00	18.56 0.81 -1.55	22.49 0.90 -4.70	26.13 0.74 -11.14	23.11 0.74 -8.22	26.94 0.74 -11.78	27.04 0.75 -11.64	26.17 0.64 -13.29	27.22 0.56 -15.98	29.44 0.61 -17.36	32.34 0.64 -19.53	23.67 0.59 -11.64	27.22 0.75 -12.32	32.77 1.11 -10.36	42.90 1.20 -20.32	28.14 1.09 -5.74	23.14 1.00 -2.83	19.85 0.98 -0.41	17.72 0.86 0.00
CH_MIDHUDSON___DRP 24192	17.41 0.97 0.00	16.01 0.86 0.00	14.94 0.74 0.00	14.73 0.70 0.00	15.00 0.71 0.00	15.53 0.75 0.00	19.01 0.91 -1.91	20.36 1.01 -2.45	20.75 0.84 -5.66	20.20 0.84 -5.21	20.30 0.84 -5.04	19.21 0.85 -3.70	18.95 0.72 -5.99	18.85 0.63 -7.53	19.18 0.68 -7.03	20.17 0.72 -7.29	23.10 0.65 -11.01	30.10 0.82 -15.13	35.24 1.21 -12.73	36.07 1.30 -13.38	29.58 1.22 -7.05	23.88 1.10 -3.47	20.06 1.09 -0.51	17.80 0.94 0.00

CH_MISC_IPPS 23765	17.48 1.04 0.00	16.05 0.91 0.00	14.98 0.78 0.00	14.79 0.76 0.00	15.06 0.77 0.00	15.58 0.80 0.00	19.02 0.99 -1.84	20.47 1.07 -2.51	20.97 0.90 -5.82	20.28 0.88 -5.25	20.59 0.88 -5.29	19.60 0.89 -4.06	19.23 0.75 -6.25	19.15 0.65 -7.82	19.62 0.71 -7.43	20.71 0.75 -7.79	22.88 0.67 -10.76	29.61 0.88 -14.59	34.87 1.30 -12.27	36.25 1.43 -13.43	29.41 1.30 -6.79	23.83 1.18 -3.35	20.09 1.14 -0.49	17.85 0.99 0.00
CH_RES_BVR_FALLS 23983	16.21 -0.23 0.00	14.93 -0.21 0.00	14.06 -0.14 0.00	13.86 -0.17 0.00	14.10 -0.19 0.00	14.57 -0.21 0.00	15.95 -0.24 0.00	16.62 -0.27 0.00	14.02 -0.23 0.00	13.93 -0.23 0.00	14.21 -0.22 0.00	14.43 -0.22 0.00	12.06 -0.18 0.00	10.51 -0.17 0.00	11.29 -0.18 0.00	11.97 -0.20 0.00	11.25 -0.18 0.00	13.91 -0.24 0.00	20.96 -0.34 0.00	21.00 -0.38 0.00	20.96 -0.36 0.00	19.00 -0.31 0.00	18.14 -0.31 0.00	16.57 -0.29 0.00
CH_RES_NIAGARA 23895	15.49 -0.95 0.00	14.45 -0.70 0.00	13.32 -0.88 0.00	13.26 -0.77 0.00	13.50 -0.79 0.00	13.94 -0.84 0.00	15.37 -1.08 -0.26	15.97 -1.12 -0.19	13.82 -0.87 -0.44	13.82 -0.85 -0.52	13.82 -0.89 -0.29	13.83 -0.86 -0.04	12.09 -0.54 -0.39	10.75 -0.47 -0.53	11.40 -0.46 -0.38	11.97 -0.49 -0.29	12.41 -0.46 -1.44	15.62 -0.75 -2.22	21.72 -1.45 -1.87	21.56 -1.26 -1.44	20.97 -1.39 -1.03	18.64 -1.18 -0.51	17.65 -0.89 -0.07	16.29 -0.57 0.00
CH_RES_SYRACUSE 23985	16.58 0.13 0.00	15.28 0.14 0.00	14.24 0.04 0.00	14.10 0.07 0.00	14.40 0.11 0.00	14.90 0.12 0.00	16.51 0.13 -0.18	17.20 0.17 -0.14	14.70 0.14 -0.31	14.67 0.16 -0.36	14.79 0.16 -0.21	14.86 0.16 -0.04	12.66 0.15 -0.27	11.18 0.13 -0.37	11.88 0.15 -0.25	12.53 0.16 -0.21	12.54 0.14 -0.96	15.80 0.20 -1.46	22.82 0.30 -1.23	22.71 0.39 -0.95	22.30 0.30 -0.68	19.91 0.27 -0.33	18.75 0.24 -0.05	17.09 0.24 0.00
CLINTON_WT_PWR 323605	16.13 -0.31 0.00	14.93 -0.21 0.00	14.06 -0.14 0.00	13.71 -0.32 0.00	13.82 -0.47 0.00	14.14 -0.64 0.00	15.29 -0.91 0.00	-0.49 -1.06 16.32	-0.50 -0.87 13.87	-0.55 -0.88 13.83	-4.17 -0.87 17.73	-7.00 -0.86 20.79	-7.02 -0.73 18.52	-7.00 -0.64 17.05	-7.00 -0.71 17.77	-7.00 -0.75 18.41	-0.54 -0.70 11.28	-0.54 -0.93 13.75	-0.53 -1.34 20.49	-0.50 -1.41 20.47	-0.50 -1.39 20.43	-0.53 -1.24 18.60	-0.53 -1.22 17.77	-0.52 -1.15 16.24
CLINTON__LFGE 323618	16.28 -0.16 0.00	15.04 -0.11 0.00	14.16 -0.04 0.00	13.79 -0.24 0.00	13.90 -0.39 0.00	14.23 -0.55 0.00	15.37 -0.83 0.00	-0.68 -0.95 16.63	-0.65 -0.76 14.14	-0.68 -0.74 14.09	-4.33 -0.69 18.07	-7.23 -0.69 21.19	-7.21 -0.58 18.88	-7.20 -0.51 17.37	-7.21 -0.57 18.11	-7.21 -0.61 18.76	-0.61 -0.56 11.49	-0.65 -0.78 14.02	-0.62 -1.04 20.88	-0.66 -1.18 20.87	-0.72 -1.21 20.82	-0.73 -1.08 18.96	-0.72 -1.07 18.11	-0.70 -1.01 16.55
COBBLENY_34_KV_TB1 80064	16.20 -0.25 0.00	14.92 -0.23 0.00	13.85 -0.36 0.00	13.82 -0.21 0.00	14.06 -0.23 0.00	14.51 -0.27 0.00	15.66 -0.84 -0.31	16.23 -0.90 -0.23	14.09 -0.67 -0.51	14.10 -0.65 -0.60	14.06 -0.71 -0.34	14.05 -0.67 -0.07	12.30 -0.39 -0.45	10.96 -0.34 -0.61	11.59 -0.31 -0.42	12.18 -0.33 -0.34	12.72 -0.33 -1.61	16.07 -0.52 -2.45	22.27 -1.09 -2.06	22.14 -0.83 -1.59	21.50 -0.96 -1.14	19.06 -0.81 -0.56	17.95 -0.59 -0.08	16.99 0.13 0.00
COFFEEN__115KV_TB3 355620	17.00 0.56 0.00	15.71 0.56 0.00	14.61 0.41 0.00	14.47 0.44 0.00	14.76 0.47 0.00	15.24 0.46 0.00	16.67 0.37 -0.10	18.12 0.44 -0.78	15.33 0.31 -0.77	15.23 0.28 -0.80	15.58 0.27 -0.88	15.84 0.26 -0.92	13.41 0.22 -0.95	11.87 0.25 -0.94	12.60 0.22 -0.91	13.29 0.22 -0.91	12.69 0.23 -1.03	15.99 0.42 -1.41	23.66 0.79 -1.57	23.68 0.88 -1.41	23.46 0.87 -1.26	20.97 0.68 -0.99	19.79 0.54 -0.79	18.12 0.56 -0.70
COLDSPRG_115KV_BK1 355956	16.49 0.05 0.00	15.18 0.03 0.00	14.07 -0.13 0.00	14.00 -0.03 0.00	14.26 -0.03 0.00	14.72 -0.06 0.00	15.58 -0.94 -0.32	16.14 -1.00 -0.24	14.05 -0.74 -0.54	14.05 -0.74 -0.63	13.96 -0.82 -0.36	13.95 -0.78 -0.07	12.24 -0.48 -0.48	10.90 -0.43 -0.65	11.52 -0.40 -0.45	12.10 -0.43 -0.36	12.71 -0.42 -1.70	16.15 -0.57 -2.57	22.38 -1.09 -2.16	22.28 -0.77 -1.67	21.66 -0.85 -1.20	19.18 -0.71 -0.59	18.03 -0.52 -0.09	17.40 0.54 0.00
COLONIE_LFGE__ 323577	17.15 0.71 0.00	15.80 0.65 0.00	14.78 0.58 0.00	14.58 0.55 0.00	14.84 0.56 0.00	15.39 0.61 0.00	19.23 0.65 -2.39	19.89 0.68 -2.31	20.10 0.58 -5.27	20.17 0.59 -5.42	19.20 0.59 -4.18	17.50 0.60 -2.25	17.91 0.50 -5.16	17.83 0.44 -6.70	17.53 0.47 -5.58	18.02 0.50 -5.36	24.96 0.49 -13.03	33.68 0.61 -18.93	38.16 0.94 -15.92	36.45 0.94 -14.13	31.07 0.94 -8.81	24.48 0.83 -4.34	19.89 0.79 -0.64	17.55 0.69 0.00
COOPERNY_115KV_TB1 80082	17.12 0.67 0.00	15.75 0.61 0.00	14.71 0.51 0.00	14.54 0.51 0.00	14.80 0.51 0.00	15.33 0.55 0.00	18.01 0.65 -1.17	17.80 0.71 -0.20	15.15 0.58 -0.32	16.01 0.58 -1.28	14.40 0.59 0.61	13.35 0.59 1.89	12.36 0.50 0.38	11.01 0.45 0.13	10.66 0.48 1.30	10.59 0.51 2.08	17.37 0.48 -5.46	24.03 0.61 -9.28	29.97 0.87 -7.80	25.98 0.94 -3.66	26.51 0.87 -4.32	22.25 0.81 -2.13	19.55 0.78 -0.31	17.57 0.71 0.00
COPENHAGEN_WT_PWR 323753	16.87 0.43 0.00	15.58 0.44 0.00	14.51 0.31 0.00	14.36 0.32 0.00	14.65 0.36 0.00	15.12 0.34 0.00	16.56 0.26 -0.11	17.95 0.30 -0.75	15.21 0.21 -0.75	15.13 0.20 -0.77	15.46 0.19 -0.85	15.71 0.18 -0.88	13.32 0.16 -0.92	11.78 0.18 -0.91	12.51 0.16 -0.87	13.19 0.16 -0.87	12.62 0.16 -1.02	15.87 0.31 -1.41	23.42 0.58 -1.55	23.43 0.66 -1.39	23.21 0.66 -1.23	20.77 0.50 -0.96	19.62 0.41 -0.76	17.95 0.42 -0.67
CORNELL____ 23752	16.82 0.38 0.00	15.51 0.36 0.00	14.44 0.24 0.00	14.31 0.28 0.00	14.62 0.33 0.00	15.12 0.34 0.00	16.94 0.34 -0.40	17.59 0.39 -0.30	15.23 0.31 -0.67	15.25 0.31 -0.78	15.18 0.30 -0.45	15.04 0.29 -0.09	13.11 0.28 -0.59	11.74 0.25 -0.80	12.31 0.28 -0.55	12.92 0.30 -0.45	13.84 0.29 -2.11	17.76 0.41 -3.20	24.63 0.64 -2.69	24.21 0.75 -2.07	23.45 0.64 -1.49	20.58 0.54 -0.73	19.06 0.50 -0.11	17.40 0.54 0.00
CORONAAV_69_KV_TB1 355595	17.71 1.27 0.00	16.22 1.08 0.00	15.10 0.89 0.00	14.86 0.83 0.00	15.19 0.90 0.00	15.78 1.00 0.00	19.25 1.21 -1.83	20.79 1.35 -2.54	21.24 1.10 -5.89	20.53 1.09 -5.29	20.93 1.13 -5.38	19.87 1.06 -4.16	19.49 0.91 -6.34	19.43 0.82 -7.92	19.95 0.91 -7.57	21.12 1.01 -7.95	24.17 1.00 -11.74	29.85 1.16 -14.54	35.26 1.73 -12.23	36.72 1.82 -13.51	29.88 1.77 -6.79	25.77 1.66 -4.80	20.64 1.68 -0.51	18.36 1.48 -0.02
CORTLAND_115KV_TB3 80093	16.71 0.26 0.00	15.39 0.24 0.00	14.34 0.14 0.00	14.21 0.18 0.00	14.52 0.23 0.00	15.00 0.22 0.00	16.73 0.21 -0.33	17.39 0.25 -0.24	14.99 0.20 -0.54	15.00 0.21 -0.63	14.99 0.20 -0.36	14.92 0.19 -0.07	12.90 0.18 -0.48	11.51 0.17 -0.65	12.12 0.20 -0.45	12.72 0.19 -0.36	13.32 0.18 -1.70	17.00 0.27 -2.58	23.87 0.40 -2.17	23.55 0.49 -1.67	22.95 0.43 -1.20	20.25 0.35 -0.59	18.86 0.31 -0.09	17.23 0.37 0.00

COXSACKIE___GT 23611	17.28 0.84 0.00	15.92 0.77 0.00	14.86 0.65 0.00	14.66 0.63 0.00	14.93 0.64 0.00	15.40 0.62 0.00	19.15 0.73 -2.22	19.89 0.74 -2.25	19.95 0.56 -5.15	19.84 0.50 -5.19	19.11 0.50 -4.18	17.60 0.53 -2.42	17.76 0.40 -5.12	17.64 0.35 -6.60	17.50 0.40 -5.63	18.11 0.45 -5.50	24.03 0.38 -12.22	32.36 0.61 -17.60	37.23 1.13 -14.81	36.08 1.20 -13.49	30.56 1.04 -8.20	24.14 0.79 -4.04	19.81 0.76 -0.59	17.52 0.66 0.00
CPV_VALLEY___CC1 323721	17.25 0.81 0.00	15.84 0.70 0.00	14.80 0.60 0.00	14.62 0.59 0.00	14.89 0.60 0.00	15.41 0.64 0.00	18.36 0.78 -1.38	18.06 0.83 -0.34	15.57 0.70 -0.63	16.51 0.69 -1.66	14.69 0.69 0.43	13.46 0.70 1.90	12.71 0.60 0.13	11.44 0.52 -0.23	10.97 0.57 1.08	10.83 0.61 1.94	18.55 0.56 -6.55	25.81 0.71 -10.96	31.54 1.02 -9.22	27.18 1.11 -4.68	27.45 1.02 -5.10	22.77 0.95 -2.52	19.75 0.92 -0.37	17.67 0.81 0.00
CPV_VALLEY___CC2 323722	17.25 0.81 0.00	15.84 0.70 0.00	14.80 0.60 0.00	14.62 0.59 0.00	14.89 0.60 0.00	15.41 0.64 0.00	18.36 0.78 -1.38	18.06 0.83 -0.34	15.57 0.70 -0.63	16.51 0.69 -1.66	14.69 0.69 0.43	13.46 0.70 1.90	12.71 0.60 0.13	11.44 0.52 -0.23	10.97 0.57 1.08	10.83 0.61 1.94	18.55 0.56 -6.55	25.81 0.71 -10.96	31.54 1.02 -9.22	27.18 1.11 -4.68	27.45 1.02 -5.10	22.77 0.95 -2.52	19.75 0.92 -0.37	17.67 0.81 0.00
CRESCENT___HYD 24018	17.15 0.71 0.00	15.80 0.65 0.00	14.78 0.58 0.00	14.58 0.55 0.00	14.84 0.56 0.00	15.39 0.61 0.00	19.23 0.65 -2.39	19.89 0.68 -2.31	20.10 0.58 -5.27	20.17 0.59 -5.42	19.20 0.59 -4.18	17.50 0.60 -2.25	17.91 0.50 -5.16	17.83 0.44 -6.70	17.53 0.47 -5.58	18.02 0.50 -5.36	24.96 0.49 -13.03	33.68 0.61 -18.93	38.16 0.94 -15.92	36.45 0.94 -14.13	31.07 0.94 -8.81	24.48 0.83 -4.34	19.89 0.79 -0.64	17.55 0.69 0.00
CRICKET___VALLEY_CC1 323756	17.27 0.82 0.00	15.87 0.73 0.00	14.83 0.62 0.00	14.62 0.59 0.00	14.89 0.60 0.00	15.45 0.67 0.00	18.98 0.78 -2.00	20.14 0.84 -2.40	20.52 0.74 -5.54	20.10 0.72 -5.23	19.96 0.72 -4.82	18.74 0.73 -3.35	18.63 0.62 -5.77	18.54 0.56 -7.30	18.73 0.60 -6.66	19.59 0.62 -6.81	23.40 0.57 -11.39	30.73 0.69 -15.89	35.67 1.00 -13.37	35.87 1.03 -13.46	29.70 0.98 -7.40	23.88 0.93 -3.65	19.92 0.92 -0.53	17.67 0.81 0.00
CRICKET___VALLEY_CC2 323757	17.27 0.82 0.00	15.87 0.73 0.00	14.83 0.62 0.00	14.62 0.59 0.00	14.89 0.60 0.00	15.45 0.67 0.00	18.98 0.78 -2.00	20.14 0.84 -2.40	20.52 0.74 -5.54	20.10 0.72 -5.23	19.96 0.72 -4.82	18.74 0.73 -3.35	18.63 0.62 -5.77	18.54 0.56 -7.30	18.73 0.60 -6.66	19.59 0.62 -6.81	23.40 0.57 -11.39	30.73 0.69 -15.89	35.67 1.00 -13.37	35.87 1.03 -13.46	29.70 0.98 -7.40	23.88 0.93 -3.65	19.92 0.92 -0.53	17.67 0.81 0.00
CRICKET___VALLEY_CC3 323758	17.27 0.82 0.00	15.87 0.73 0.00	14.83 0.62 0.00	14.62 0.59 0.00	14.89 0.60 0.00	15.45 0.67 0.00	18.98 0.78 -2.00	20.14 0.84 -2.40	20.52 0.74 -5.54	20.10 0.72 -5.23	19.96 0.72 -4.82	18.74 0.73 -3.35	18.63 0.62 -5.77	18.54 0.56 -7.30	18.73 0.60 -6.66	19.59 0.62 -6.81	23.40 0.57 -11.39	30.73 0.69 -15.89	35.67 1.00 -13.37	35.87 1.03 -13.46	29.70 0.98 -7.40	23.88 0.93 -3.65	19.92 0.92 -0.53	17.67 0.81 0.00
CRUCIBLE_METL_DRP 24180	16.58 0.13 0.00	15.28 0.14 0.00	14.24 0.04 0.00	14.10 0.07 0.00	14.40 0.11 0.00	14.90 0.12 0.00	16.51 0.13 -0.18	17.20 0.17 -0.14	14.70 0.14 -0.31	14.67 0.16 -0.36	14.79 0.16 -0.21	14.86 0.16 -0.04	12.66 0.15 -0.27	11.18 0.13 -0.37	11.88 0.15 -0.25	12.53 0.16 -0.21	12.54 0.14 -0.96	15.80 0.20 -1.46	22.84 0.32 -1.23	22.71 0.38 -0.95	22.32 0.32 -0.68	19.91 0.27 -0.33	18.75 0.24 -0.05	17.10 0.24 0.00
DAHOWA___HYDRO 323763	17.45 1.00 0.00	16.05 0.91 0.00	15.02 0.82 0.00	14.82 0.79 0.00	15.09 0.80 0.00	15.67 0.89 0.00	19.56 0.96 -2.41	20.13 0.91 -2.32	20.29 0.77 -5.27	20.39 0.79 -5.45	19.38 0.79 -4.17	17.66 0.81 -2.20	18.07 0.67 -5.15	17.95 0.57 -6.70	17.59 0.56 -5.55	18.09 0.62 -5.31	25.21 0.63 -13.15	34.09 0.81 -19.13	38.82 1.43 -16.09	37.02 1.43 -14.21	31.66 1.43 -8.91	24.90 1.20 -4.39	20.25 1.14 -0.64	17.85 0.99 0.00
DANC___LFGE 323619	16.76 0.31 0.00	15.46 0.32 0.00	14.40 0.20 0.00	14.26 0.22 0.00	14.55 0.26 0.00	15.02 0.24 0.00	16.50 0.18 -0.12	17.68 0.22 -0.57	15.02 0.16 -0.61	14.95 0.16 -0.64	15.25 0.17 -0.66	15.46 0.18 -0.63	13.12 0.16 -0.72	11.59 0.16 -0.74	12.32 0.16 -0.69	12.98 0.15 -0.68	12.54 0.13 -0.98	15.79 0.25 -1.39	23.19 0.47 -1.43	23.15 0.53 -1.23	22.91 0.53 -1.05	20.50 0.42 -0.77	19.34 0.33 -0.55	17.67 0.34 -0.47
DANSKAMMER___1 23586	17.48 1.04 0.00	16.05 0.91 0.00	14.98 0.78 0.00	14.79 0.76 0.00	15.06 0.77 0.00	15.58 0.80 0.00	19.02 0.99 -1.84	20.47 1.07 -2.51	20.97 0.90 -5.82	20.28 0.88 -5.25	20.59 0.88 -5.29	19.60 0.89 -4.06	19.23 0.75 -6.25	19.15 0.65 -7.82	19.62 0.71 -7.43	20.71 0.75 -7.79	22.88 0.67 -10.76	29.61 0.88 -14.59	34.87 1.30 -12.27	36.25 1.43 -13.43	29.41 1.30 -6.79	23.83 1.18 -3.35	20.09 1.14 -0.49	17.85 0.99 0.00
DANSKAMMER___2 23589	17.48 1.04 0.00	16.05 0.91 0.00	14.98 0.78 0.00	14.79 0.76 0.00	15.06 0.77 0.00	15.58 0.80 0.00	19.02 0.99 -1.84	20.47 1.07 -2.51	20.97 0.90 -5.82	20.28 0.88 -5.25	20.59 0.88 -5.29	19.60 0.89 -4.06	19.23 0.75 -6.25	19.15 0.65 -7.82	19.62 0.71 -7.43	20.71 0.75 -7.79	22.88 0.67 -10.76	29.61 0.88 -14.59	34.87 1.30 -12.27	36.25 1.43 -13.43	29.41 1.30 -6.79	23.83 1.18 -3.35	20.09 1.14 -0.49	17.85 0.99 0.00
DANSKAMMER___3 23590	17.48 1.04 0.00	16.05 0.91 0.00	14.98 0.78 0.00	14.79 0.76 0.00	15.06 0.77 0.00	15.58 0.80 0.00	19.02 0.99 -1.84	20.47 1.07 -2.51	20.97 0.90 -5.82	20.28 0.88 -5.25	20.59 0.88 -5.29	19.60 0.89 -4.06	19.23 0.75 -6.25	19.15 0.65 -7.82	19.62 0.71 -7.43	20.71 0.75 -7.79	22.88 0.67 -10.76	29.61 0.88 -14.59	34.87 1.30 -12.27	36.25 1.43 -13.43	29.41 1.30 -6.79	23.83 1.18 -3.35	20.09 1.14 -0.49	17.85 0.99 0.00
DANSKAMMER___4 23591	17.48 1.04 0.00	16.05 0.91 0.00	14.98 0.78 0.00	14.79 0.76 0.00	15.06 0.77 0.00	15.58 0.80 0.00	19.02 0.99 -1.84	20.47 1.07 -2.51	20.97 0.90 -5.82	20.28 0.88 -5.25	20.59 0.88 -5.29	19.60 0.89 -4.06	19.23 0.75 -6.25	19.15 0.65 -7.82	19.62 0.71 -7.43	20.71 0.75 -7.79	22.88 0.67 -10.76	29.61 0.88 -14.59	34.87 1.30 -12.27	36.25 1.43 -13.43	29.41 1.30 -6.79	23.83 1.18 -3.35	20.09 1.14 -0.49	17.85 0.99 0.00
DANSKAMMER___DIESEL 23592	17.48 1.04 0.00	16.07 0.92 0.00	14.98 0.78 0.00	14.79 0.76 0.00	15.06 0.77 0.00	15.58 0.80 0.00	19.01 0.97 -1.84	20.47 1.06 -2.51	20.97 0.90 -5.82	20.28 0.88 -5.25	20.59 0.88 -5.29	19.60 0.89 -4.06	19.23 0.75 -6.25	19.15 0.65 -7.82	19.62 0.71 -7.43	20.71 0.75 -7.79	22.88 0.67 -10.76	29.61 0.88 -14.59	34.87 1.30 -12.27	36.25 1.43 -13.43	29.41 1.30 -6.79	23.83 1.18 -3.35	20.09 1.14 -0.49	17.85 0.99 0.00

DARBY___SOLAR 323810	17.40 0.95 0.00	16.01 0.86 0.00	14.98 0.78 0.00	14.78 0.74 0.00	15.06 0.77 0.00	15.62 0.84 0.00	19.51 0.91 -2.41	20.09 0.88 -2.32	20.28 0.75 -5.27	20.37 0.78 -5.44	19.37 0.78 -4.17	17.64 0.78 -2.21	18.04 0.65 -5.16	17.94 0.56 -6.70	17.59 0.56 -5.55	18.09 0.61 -5.32	25.18 0.61 -13.13	34.03 0.78 -19.10	38.71 1.34 -16.07	36.93 1.35 -14.20	31.56 1.34 -8.90	24.83 1.14 -4.39	20.19 1.09 -0.64	17.82 0.96 0.00
DASHVILLE___HYD 23610	17.30 0.86 0.00	15.89 0.74 0.00	14.83 0.62 0.00	14.64 0.60 0.00	14.90 0.61 0.00	15.40 0.62 0.00	18.90 0.78 -1.93	19.93 0.84 -2.19	19.97 0.70 -5.02	19.67 0.68 -4.84	19.38 0.68 -4.27	18.17 0.69 -2.82	17.97 0.58 -5.15	17.76 0.51 -6.56	17.89 0.55 -5.87	18.66 0.58 -5.92	22.80 0.53 -10.83	30.11 0.68 -15.28	35.16 1.00 -12.86	35.01 1.11 -12.51	29.42 0.98 -7.12	23.74 0.93 -3.51	19.90 0.92 -0.51	17.65 0.79 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	18.43 1.99 0.00	16.84 1.70 0.00	15.65 1.45 0.00	15.38 1.35 0.00	15.77 1.49 0.00	16.43 1.66 0.00	19.96 1.93 -1.83	21.51 2.08 -2.54	21.82 1.68 -5.89	21.11 1.67 -5.29	21.52 1.72 -5.38	20.37 1.55 -4.16	19.88 1.30 -6.34	19.81 1.20 -7.92	20.36 1.32 -7.57	21.63 1.52 -7.95	24.78 1.60 -11.74	30.63 1.94 -14.54	36.55 3.00 -12.25	38.01 3.10 -13.52	31.20 3.07 -6.81	26.76 2.65 -4.80	21.66 2.69 -0.51	19.35 2.48 -0.02
DELAWARE___LFGE 323621	17.04 0.59 0.00	15.69 0.55 0.00	14.66 0.45 0.00	14.51 0.48 0.00	14.77 0.49 0.00	15.30 0.52 0.00	17.63 0.57 -0.87	18.14 0.59 -0.65	16.20 0.50 -1.45	16.34 0.50 -1.69	15.89 0.49 -0.97	15.34 0.48 -0.20	13.95 0.43 -1.28	12.80 0.38 -1.73	13.07 0.40 -1.20	13.55 0.41 -0.97	16.38 0.39 -4.55	21.57 0.52 -6.90	27.85 0.75 -5.80	26.67 0.81 -4.47	25.32 0.79 -3.21	21.59 0.70 -1.58	19.34 0.65 -0.23	17.50 0.64 0.00
DERFIELD_115KV_TB7 355931	16.49 0.05 0.00	15.19 0.05 0.00	14.22 0.01 0.00	14.06 0.03 0.00	14.32 0.03 0.00	14.81 0.03 0.00	16.23 0.03 0.00	16.93 0.03 0.00	14.26 0.01 0.00	14.17 0.01 0.00	14.42 0.00 0.00	14.65 0.00 0.00	12.23 -0.01 0.00	10.69 0.00 0.00	11.46 -0.01 0.00	12.15 -0.01 0.00	11.44 0.00 0.00	14.16 0.01 0.00	21.32 0.02 0.00	21.43 0.04 0.00	21.34 0.02 0.00	19.33 0.02 0.00	18.48 0.02 0.00	16.88 0.02 0.00
DOGLEVILLE___HYD 23807	16.31 -0.13 0.00	15.01 -0.14 0.00	14.03 -0.17 0.00	13.85 -0.18 0.00	14.09 -0.20 0.00	14.57 -0.21 0.00	15.97 -0.23 0.00	16.66 -0.24 0.00	14.02 -0.23 0.00	13.88 -0.27 0.00	14.12 -0.30 0.00	14.34 -0.31 0.00	11.98 -0.26 0.00	10.48 -0.20 0.00	11.25 -0.23 0.00	11.92 -0.24 0.00	11.24 -0.19 0.00	13.96 -0.18 0.00	21.04 -0.25 0.00	21.17 -0.21 0.00	21.11 -0.21 0.00	19.10 -0.21 0.00	18.26 -0.20 0.00	16.69 -0.17 0.00
DUNKIRK___115KV_TB_200 55889	16.17 -0.28 0.00	14.87 -0.27 0.00	13.80 -0.40 0.00	13.77 -0.27 0.00	14.02 -0.27 0.00	14.47 -0.31 0.00	15.66 -0.84 -0.31	16.23 -0.90 -0.23	14.10 -0.67 -0.52	14.09 -0.67 -0.60	14.05 -0.72 -0.35	14.04 -0.69 -0.07	12.29 -0.40 -0.46	10.94 -0.36 -0.62	11.58 -0.32 -0.43	12.17 -0.34 -0.35	12.72 -0.34 -1.63	16.11 -0.51 -2.47	22.33 -1.04 -2.08	22.23 -0.75 -1.60	21.62 -0.85 -1.15	19.16 -0.71 -0.57	18.04 -0.50 -0.08	17.01 0.15 0.00
DUNKIRK___1 23563	16.17 -0.28 0.00	14.87 -0.27 0.00	13.80 -0.40 0.00	13.77 -0.27 0.00	14.02 -0.27 0.00	14.47 -0.31 0.00	15.66 -0.84 -0.31	16.23 -0.90 -0.23	14.10 -0.67 -0.52	14.09 -0.67 -0.60	14.05 -0.72 -0.35	14.04 -0.69 -0.07	12.29 -0.40 -0.46	10.94 -0.36 -0.62	11.58 -0.32 -0.43	12.17 -0.34 -0.35	12.72 -0.34 -1.63	16.11 -0.51 -2.47	22.33 -1.04 -2.08	22.23 -0.75 -1.60	21.62 -0.85 -1.15	19.16 -0.71 -0.57	18.04 -0.50 -0.08	17.01 0.15 0.00
DUNKIRK___2 23564	16.17 -0.28 0.00	14.87 -0.27 0.00	13.80 -0.40 0.00	13.77 -0.27 0.00	14.02 -0.27 0.00	14.47 -0.31 0.00	15.66 -0.84 -0.31	16.23 -0.90 -0.23	14.10 -0.67 -0.52	14.09 -0.67 -0.60	14.05 -0.72 -0.35	14.04 -0.69 -0.07	12.29 -0.40 -0.46	10.94 -0.36 -0.62	11.58 -0.32 -0.43	12.17 -0.34 -0.35	12.72 -0.34 -1.63	16.11 -0.51 -2.47	22.33 -1.04 -2.08	22.23 -0.75 -1.60	21.62 -0.85 -1.15	19.16 -0.71 -0.57	18.04 -0.50 -0.08	17.01 0.15 0.00
DUNKIRK___3 23565	16.18 -0.26 0.00	14.89 -0.26 0.00	13.82 -0.38 0.00	13.79 -0.24 0.00	14.05 -0.24 0.00	14.48 -0.30 0.00	15.66 -0.84 -0.31	16.23 -0.90 -0.23	14.10 -0.67 -0.52	14.09 -0.67 -0.60	14.05 -0.72 -0.35	14.04 -0.69 -0.07	12.28 -0.42 -0.46	10.94 -0.36 -0.62	11.57 -0.33 -0.43	12.16 -0.35 -0.35	12.71 -0.35 -1.63	16.09 -0.52 -2.47	22.33 -1.04 -2.08	22.19 -0.79 -1.60	21.57 -0.90 -1.15	19.12 -0.75 -0.57	18.01 -0.54 -0.08	17.01 0.15 0.00
DUNKIRK___4 23566	16.15 -0.30 0.00	14.87 -0.27 0.00	13.80 -0.40 0.00	13.77 -0.27 0.00	14.02 -0.27 0.00	14.47 -0.31 0.00	15.64 -0.86 -0.30	16.21 -0.91 -0.23	14.07 -0.68 -0.51	14.08 -0.67 -0.59	14.03 -0.74 -0.34	14.02 -0.70 -0.07	12.27 -0.42 -0.45	10.93 -0.36 -0.61	11.56 -0.33 -0.42	12.15 -0.35 -0.34	12.68 -0.35 -1.60	16.03 -0.54 -2.42	22.27 -1.06 -2.04	22.16 -0.79 -1.57	21.53 -0.92 -1.13	19.11 -0.75 -0.56	18.00 -0.54 -0.08	16.99 0.13 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	17.51 1.07 0.00	16.10 0.95 0.00	15.03 0.82 0.00	14.82 0.79 0.00	15.09 0.80 0.00	15.64 0.86 0.00	19.08 1.05 -1.83	20.60 1.17 -2.54	21.11 0.97 -5.90	20.40 0.96 -5.29	20.77 0.97 -5.38	19.80 0.98 -4.17	19.43 0.84 -6.35	19.35 0.74 -7.93	19.84 0.79 -7.58	20.96 0.84 -7.96	22.99 0.79 -10.76	29.64 0.96 -14.53	34.91 1.38 -12.23	36.40 1.50 -13.52	29.45 1.36 -6.77	23.94 1.29 -3.34	20.20 1.26 -0.49	17.95 1.10 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	17.38 0.94 0.00	15.96 0.82 0.00	14.90 0.70 0.00	14.71 0.67 0.00	14.97 0.69 0.00	15.49 0.71 0.00	18.78 0.87 -1.71	20.49 0.96 -2.64	21.19 0.80 -6.14	20.27 0.79 -5.32	20.99 0.79 -5.77	20.19 0.81 -4.73	19.66 0.67 -6.74	19.65 0.60 -8.36	20.33 0.64 -8.21	21.60 0.68 -8.76	22.37 0.63 -10.30	28.51 0.81 -13.55	33.89 1.19 -11.40	36.22 1.30 -13.53	28.80 1.17 -6.31	23.48 1.06 -3.11	19.97 1.05 -0.46	17.77 0.91 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	17.51 1.09 0.02	16.10 0.97 0.02	15.04 0.85 0.02	14.83 0.81 0.02	15.09 0.81 0.02	15.65 0.87 0.00	19.10 1.09 -1.82	20.62 1.20 -2.53	21.14 1.00 -5.89	20.40 0.96 -5.29	20.79 0.98 -5.38	19.83 1.01 -4.17	19.44 0.87 -6.33	19.36 0.76 -7.91	19.85 0.81 -7.56	20.96 0.85 -7.94	23.00 0.81 -10.75	29.66 0.98 -14.54	34.89 1.36 -12.23	36.37 1.48 -13.52	29.37 1.28 -6.77	23.96 1.31 -3.34	20.22 1.27 -0.49	17.97 1.11 0.00
E179THST_13_KV_LOAD 356214	17.58 1.15 0.02	16.16 1.03 0.02	15.08 0.89 0.02	14.87 0.86 0.02	15.13 0.86 0.02	15.70 0.92 0.00	19.15 1.13 -1.82	20.67 1.25 -2.53	21.18 1.04 -5.89	20.46 1.02 -5.29	20.83 1.02 -5.38	19.89 1.07 -4.17	19.49 0.92 -6.33	19.40 0.80 -7.91	19.89 0.86 -7.56	21.01 0.90 -7.94	23.04 0.86 -10.75	29.72 1.03 -14.54	34.97 1.45 -12.23	36.46 1.56 -13.52	29.43 1.34 -6.77	24.02 1.37 -3.34	20.28 1.33 -0.49	18.02 1.16 0.00

EAST HAMPTON___GT 23717	18.62 2.17 0.00	16.98 1.83 0.00	15.78 1.58 0.00	15.52 1.49 0.00	15.79 1.50 0.00	16.60 1.82 0.00	20.15 2.12 -1.83	21.72 2.28 -2.54	21.98 1.84 -5.89	21.28 1.84 -5.29	21.69 1.89 -5.38	20.53 1.71 -4.16	20.01 1.43 -6.34	19.92 1.31 -7.92	20.49 1.45 -7.57	21.78 1.67 -7.95	24.93 1.75 -11.74	30.80 2.11 -14.54	36.84 3.30 -12.25	38.29 3.38 -13.52	31.47 3.35 -6.81	26.99 2.88 -4.80	21.88 2.92 -0.51	19.56 2.68 -0.02
EAST RIVER___6 23660	17.53 1.09 0.00	16.12 0.97 0.00	15.05 0.85 0.00	14.86 0.83 0.00	15.12 0.83 0.00	15.67 0.89 0.00	19.13 1.10 -1.83	20.65 1.22 -2.54	21.15 1.01 -5.89	20.43 0.99 -5.29	20.80 0.99 -5.38	19.84 1.03 -4.17	19.47 0.88 -6.34	19.39 0.78 -7.93	19.86 0.81 -7.57	20.99 0.86 -7.96	23.01 0.81 -10.76	29.67 0.99 -14.54	34.91 1.38 -12.23	36.40 1.50 -13.52	29.43 1.34 -6.77	23.94 1.29 -3.34	20.22 1.27 -0.49	17.95 1.10 0.00
EAST RIVER___7 23524	17.53 1.09 0.00	16.12 0.97 0.00	15.05 0.85 0.00	14.86 0.83 0.00	15.12 0.83 0.00	15.67 0.89 0.00	19.13 1.10 -1.83	20.65 1.22 -2.54	21.15 1.01 -5.89	20.43 0.99 -5.29	20.80 0.99 -5.38	19.84 1.03 -4.17	19.47 0.88 -6.34	19.39 0.78 -7.93	19.86 0.81 -7.57	20.99 0.86 -7.96	23.01 0.81 -10.76	29.67 0.99 -14.54	34.91 1.38 -12.23	36.40 1.50 -13.52	29.43 1.34 -6.77	23.94 1.29 -3.34	20.22 1.27 -0.49	17.95 1.10 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	17.48 1.04 0.00	16.07 0.92 0.00	15.01 0.81 0.00	14.80 0.77 0.00	15.06 0.77 0.00	15.62 0.84 0.00	19.04 1.02 -1.82	20.58 1.13 -2.55	21.13 0.95 -5.92	20.38 0.93 -5.29	20.80 0.95 -5.43	19.83 0.95 -4.23	19.45 0.82 -6.39	19.38 0.72 -7.98	19.89 0.77 -7.65	21.03 0.81 -8.05	22.92 0.77 -10.72	29.52 0.93 -14.43	34.78 1.34 -12.14	36.36 1.45 -13.52	29.38 1.34 -6.72	23.88 1.25 -3.31	20.16 1.22 -0.49	17.92 1.06 0.00
EAST_HAMPTON___DIESEL 23722	18.62 2.17 0.00	16.99 1.85 0.00	15.78 1.58 0.00	15.52 1.49 0.00	15.79 1.50 0.00	16.60 1.82 0.00	20.15 2.12 -1.83	21.72 2.28 -2.54	21.98 1.84 -5.89	21.28 1.84 -5.29	21.69 1.89 -5.38	20.53 1.71 -4.16	20.01 1.43 -6.34	19.92 1.31 -7.92	20.49 1.45 -7.57	21.78 1.67 -7.95	24.93 1.75 -11.74	30.80 2.11 -14.54	36.84 3.30 -12.25	38.31 3.40 -13.52	31.47 3.35 -6.81	26.99 2.88 -4.80	21.88 2.92 -0.51	19.56 2.68 -0.02
EAST_PULASKI___ESR 323781	16.74 0.30 0.00	15.43 0.29 0.00	14.37 0.17 0.00	14.23 0.20 0.00	14.55 0.26 0.00	15.00 0.22 0.00	16.55 0.21 -0.14	17.27 0.27 -0.11	14.70 0.21 -0.24	14.66 0.23 -0.28	14.83 0.25 -0.16	14.95 0.26 -0.03	12.68 0.23 -0.21	11.18 0.21 -0.28	11.90 0.23 -0.20	12.54 0.22 -0.16	12.38 0.19 -0.75	15.57 0.30 -1.13	22.76 0.51 -0.95	22.72 0.60 -0.73	22.40 0.55 -0.53	20.03 0.46 -0.26	18.88 0.39 -0.04	17.25 0.39 0.00
EAST_RIVER___1 323558	17.55 1.10 0.00	16.12 0.97 0.00	15.05 0.85 0.00	14.86 0.83 0.00	15.12 0.83 0.00	15.67 0.89 0.00	19.15 1.12 -1.83	20.65 1.22 -2.54	21.15 1.01 -5.89	20.44 1.01 -5.29	20.81 1.01 -5.38	19.84 1.03 -4.17	19.47 0.88 -6.34	19.39 0.78 -7.93	19.88 0.83 -7.57	21.00 0.88 -7.96	23.02 0.82 -10.76	29.69 1.00 -14.54	34.91 1.38 -12.23	36.40 1.50 -13.52	29.45 1.37 -6.77	23.98 1.33 -3.34	20.24 1.29 -0.49	17.99 1.13 0.00
EAST_RIVER___2 323559	17.53 1.09 0.00	16.12 0.97 0.00	15.05 0.85 0.00	14.86 0.83 0.00	15.12 0.83 0.00	15.67 0.89 0.00	19.13 1.10 -1.83	20.65 1.22 -2.54	21.15 1.01 -5.89	20.43 0.99 -5.29	20.80 0.99 -5.38	19.84 1.03 -4.17	19.47 0.88 -6.34	19.39 0.78 -7.93	19.86 0.81 -7.57	20.99 0.86 -7.96	23.01 0.81 -10.76	29.67 0.99 -14.54	34.91 1.38 -12.23	36.40 1.50 -13.52	29.43 1.34 -6.77	23.94 1.29 -3.34	20.22 1.27 -0.49	17.95 1.10 0.00
EAST___DELAWARE_HYD 23607	17.51 1.07 0.00	16.07 0.92 0.00	14.97 0.77 0.00	14.79 0.76 0.00	15.06 0.77 0.00	15.56 0.78 0.00	18.77 1.00 -1.57	19.37 1.08 -1.39	18.29 0.88 -3.15	18.37 0.85 -3.37	17.66 0.85 -2.39	16.59 0.86 -1.08	15.96 0.72 -3.00	15.27 0.64 -3.94	15.29 0.69 -3.12	15.78 0.73 -2.89	20.52 0.66 -8.42	27.45 0.89 -12.41	33.08 1.34 -10.44	31.71 1.50 -8.83	28.44 1.34 -5.78	23.33 1.18 -2.85	20.02 1.14 -0.42	17.87 1.01 0.00
EIGHT_POINT___WT_PWR 323820	16.44 0.00 0.00	15.19 0.05 0.00	14.06 -0.14 0.00	13.96 -0.07 0.00	14.26 -0.03 0.00	14.71 -0.07 0.00	16.11 -0.45 -0.37	16.73 -0.44 -0.28	14.52 -0.34 -0.62	14.50 -0.37 -0.72	14.42 -0.42 -0.41	14.30 -0.44 -0.08	12.51 -0.27 -0.54	11.19 -0.24 -0.74	11.76 -0.22 -0.51	12.36 -0.22 -0.41	13.15 -0.22 -1.93	16.81 -0.27 -2.93	23.29 -0.47 -2.46	23.05 -0.23 -1.90	22.34 -0.34 -1.36	19.71 -0.27 -0.67	18.39 -0.17 -0.10	17.20 0.34 0.00
ELBRIDGE_115KV_TB2 80188	16.44 0.00 0.00	15.15 0.00 0.00	14.13 -0.07 0.00	14.00 -0.03 0.00	14.29 0.00 0.00	14.78 0.00 0.00	16.39 0.00 -0.20	17.08 0.03 -0.15	14.59 0.01 -0.33	14.56 0.03 -0.38	14.67 0.03 -0.22	14.73 0.03 -0.05	12.55 0.02 -0.29	11.10 0.02 -0.39	11.78 0.03 -0.27	12.42 0.04 -0.22	12.50 0.03 -1.03	15.77 0.06 -1.56	22.72 0.11 -1.32	22.57 0.17 -1.01	22.15 0.11 -0.73	19.74 0.08 -0.36	18.57 0.06 -0.05	16.94 0.08 0.00
ELEC_TRO_TEK 24086	17.63 1.18 0.00	16.14 1.00 0.00	15.04 0.84 0.00	14.80 0.77 0.00	15.12 0.83 0.00	15.71 0.93 0.00	19.18 1.15 -1.83	20.70 1.27 -2.54	21.17 1.03 -5.89	20.47 1.03 -5.29	20.88 1.08 -5.38	19.82 1.01 -4.16	19.44 0.86 -6.34	19.40 0.79 -7.92	19.92 0.87 -7.57	21.07 0.96 -7.95	24.13 0.95 -11.74	29.81 1.12 -14.54	35.17 1.64 -12.23	36.63 1.73 -13.51	29.77 1.66 -6.79	25.66 1.54 -4.80	20.53 1.57 -0.51	18.27 1.40 -0.02
ELLENBURG_WT_PWR 323604	16.13 -0.31 0.00	14.93 -0.21 0.00	14.06 -0.14 0.00	13.71 -0.32 0.00	13.82 -0.47 0.00	14.14 -0.64 0.00	15.29 -0.91 0.00	-0.49 -1.06 16.32	-0.50 -0.87 13.87	-0.55 -0.88 13.83	-4.17 -0.87 17.73	-7.00 -0.86 20.79	-7.02 -0.73 18.52	-7.00 -0.64 17.05	-7.00 -0.71 17.77	-7.00 -0.75 18.41	-0.54 -0.70 11.28	-0.54 -0.93 13.75	-0.53 -1.34 20.49	-0.50 -1.41 20.47	-0.50 -1.39 20.43	-0.53 -1.24 18.60	-0.53 -1.22 17.77	-0.52 -1.15 16.24
ELM_ST_23_KV_LD_REV_LBMP_A 345012	16.02 -0.43 0.00	14.75 -0.39 0.00	13.69 -0.51 0.00	13.68 -0.35 0.00	13.92 -0.37 0.00	14.37 -0.41 0.00	15.65 -0.84 -0.29	16.22 -0.90 -0.22	14.07 -0.67 -0.49	14.07 -0.65 -0.57	14.05 -0.71 -0.33	14.05 -0.67 -0.07	12.28 -0.39 -0.43	10.93 -0.34 -0.59	11.57 -0.31 -0.41	12.15 -0.34 -0.33	12.65 -0.33 -1.54	15.95 -0.54 -2.34	22.16 -1.11 -1.97	22.02 -0.88 -1.51	21.41 -1.00 -1.09	18.99 -0.85 -0.54	17.95 -0.59 -0.08	16.81 -0.05 0.00
EMPIRE_CC_1 323656	16.97 0.53 0.00	15.63 0.48 0.00	14.63 0.43 0.00	14.42 0.39 0.00	14.69 0.40 0.00	15.22 0.44 0.00	18.90 0.42 -2.28	19.67 0.47 -2.30	19.91 0.40 -5.26	19.86 0.40 -5.31	19.09 0.40 -4.26	17.53 0.43 -2.45	17.82 0.36 -5.22	17.74 0.31 -6.74	17.55 0.34 -5.73	18.11 0.35 -5.59	24.29 0.32 -12.53	32.60 0.38 -18.07	37.05 0.55 -15.20	35.74 0.53 -13.82	30.29 0.55 -8.42	23.98 0.52 -4.15	19.56 0.50 -0.61	17.35 0.49 0.00

EMPIRE_CC_2 323658	16.97 0.53 0.00	15.63 0.48 0.00	14.63 0.43 0.00	14.42 0.39 0.00	14.69 0.40 0.00	15.22 0.44 0.00	18.90 0.42 -2.28	19.67 0.47 -2.30	19.91 0.40 -5.26	19.86 0.40 -5.31	19.09 0.40 -4.26	17.53 0.43 -2.45	17.82 0.36 -5.22	17.74 0.31 -6.74	17.55 0.34 -5.73	18.11 0.35 -5.59	24.29 0.32 -12.53	32.60 0.38 -18.07	37.05 0.55 -15.20	35.74 0.53 -13.82	30.29 0.55 -8.42	23.98 0.52 -4.15	19.56 0.50 -0.61	17.35 0.49 0.00
ENORWICH_115KV_TB1 80156	17.43 0.99 0.00	16.11 0.97 0.00	14.94 0.74 0.00	14.83 0.80 0.00	15.13 0.84 0.00	15.65 0.87 0.00	17.65 0.87 -0.58	18.31 0.98 -0.43	15.99 0.77 -0.97	16.01 0.72 -1.13	15.75 0.68 -0.65	15.42 0.63 -0.13	13.68 0.59 -0.85	12.41 0.57 -1.16	12.84 0.56 -0.80	13.40 0.58 -0.65	15.08 0.59 -3.05	19.68 0.92 -4.62	26.67 1.49 -3.88	26.02 1.65 -2.99	25.09 1.62 -2.15	21.68 1.31 -1.06	19.78 1.16 -0.16	18.11 1.25 0.00
ERIE_ST__34_KV_TB1-2 80199	16.40 -0.05 0.00	15.08 -0.06 0.00	14.00 -0.20 0.00	13.98 -0.06 0.00	14.23 -0.06 0.00	14.68 -0.10 0.00	15.51 -0.99 -0.30	16.06 -1.06 -0.22	13.95 -0.80 -0.50	13.96 -0.78 -0.59	13.92 -0.84 -0.34	13.92 -0.81 -0.07	12.18 -0.50 -0.44	10.85 -0.44 -0.60	11.48 -0.41 -0.42	12.06 -0.44 -0.34	12.58 -0.43 -1.58	15.91 -0.64 -2.40	22.08 -1.24 -2.02	21.95 -0.98 -1.55	21.33 -1.11 -1.12	18.89 -0.97 -0.55	17.80 -0.74 -0.08	17.20 0.34 0.00
ERIE_WT_PWR 323693	16.17 -0.28 0.00	14.95 -0.20 0.00	13.86 -0.34 0.00	13.78 -0.25 0.00	14.03 -0.26 0.00	14.48 -0.30 0.00	15.65 -0.84 -0.30	16.24 -0.88 -0.22	14.09 -0.66 -0.50	14.08 -0.65 -0.58	14.05 -0.71 -0.33	14.05 -0.67 -0.07	12.29 -0.39 -0.44	10.94 -0.34 -0.60	11.58 -0.31 -0.41	12.17 -0.33 -0.33	12.67 -0.33 -1.57	16.00 -0.52 -2.38	22.21 -1.09 -2.00	22.07 -0.86 -1.54	21.45 -0.98 -1.11	19.04 -0.81 -0.55	17.97 -0.57 -0.08	16.96 0.10 0.00
ESPRGFLD_115KV_TB1 80157	17.20 0.76 0.00	15.86 0.71 0.00	14.78 0.58 0.00	14.64 0.60 0.00	14.92 0.63 0.00	15.44 0.67 0.00	17.81 0.73 -0.88	18.22 0.78 -0.55	16.11 0.66 -1.20	16.35 0.65 -1.55	15.74 0.65 -0.67	15.13 0.63 0.15	13.75 0.56 -0.95	12.55 0.51 -1.36	12.73 0.52 -0.74	13.13 0.54 -0.43	16.45 0.51 -4.50	21.82 0.69 -6.98	28.19 1.02 -5.87	26.62 1.09 -4.14	25.66 1.09 -3.25	21.82 0.91 -1.60	19.52 0.83 -0.23	17.69 0.83 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	16.81 0.36 0.00	15.49 0.35 0.00	14.43 0.23 0.00	14.30 0.27 0.00	14.60 0.31 0.00	15.10 0.33 0.00	16.92 0.32 -0.40	17.57 0.37 -0.30	15.22 0.30 -0.67	15.23 0.30 -0.78	15.16 0.29 -0.45	15.02 0.28 -0.09	13.09 0.26 -0.59	11.72 0.24 -0.80	12.29 0.26 -0.55	12.89 0.28 -0.45	13.82 0.27 -2.11	17.72 0.38 -3.19	24.58 0.60 -2.68	24.16 0.71 -2.07	23.42 0.62 -1.49	20.56 0.52 -0.73	19.05 0.48 -0.11	17.38 0.52 0.00
ETNA_____115KV_TB2 80207	16.81 0.36 0.00	15.49 0.35 0.00	14.43 0.23 0.00	14.30 0.27 0.00	14.60 0.31 0.00	15.10 0.33 0.00	16.92 0.32 -0.40	17.57 0.37 -0.30	15.22 0.30 -0.67	15.23 0.30 -0.78	15.16 0.29 -0.45	15.02 0.28 -0.09	13.09 0.26 -0.59	11.72 0.24 -0.80	12.29 0.26 -0.55	12.89 0.28 -0.45	13.82 0.27 -2.11	17.72 0.38 -3.19	24.58 0.60 -2.68	24.16 0.71 -2.07	23.42 0.62 -1.49	20.56 0.52 -0.73	19.05 0.48 -0.11	17.38 0.52 0.00
EUCLID__115KV_TB2 356179	16.35 -0.10 0.00	15.05 -0.09 0.00	14.06 -0.14 0.00	13.92 -0.11 0.00	14.20 -0.09 0.00	14.68 -0.10 0.00	16.26 -0.10 -0.16	16.93 -0.08 -0.12	14.44 -0.07 -0.26	14.40 -0.06 -0.30	14.54 -0.06 -0.17	14.63 -0.06 -0.04	12.43 -0.04 -0.23	10.97 -0.03 -0.31	11.67 -0.02 -0.22	12.31 -0.02 -0.18	12.22 -0.03 -0.82	15.36 -0.03 -1.24	22.30 -0.04 -1.05	22.21 0.02 -0.81	21.86 -0.04 -0.58	19.53 -0.06 -0.29	18.44 -0.06 -0.04	16.83 -0.03 0.00
E_CANADA_CAP_HY 24051	17.93 1.48 0.00	16.54 1.39 0.00	15.48 1.28 0.00	15.30 1.26 0.00	15.57 1.29 0.00	16.18 1.40 0.00	20.19 1.56 -2.44	20.79 1.57 -2.32	20.82 1.30 -5.28	20.87 1.25 -5.47	19.77 1.20 -4.15	18.04 1.23 -2.16	18.43 1.05 -5.14	18.27 0.90 -6.68	17.98 1.00 -5.51	18.52 1.11 -5.25	25.82 1.12 -13.26	35.00 1.51 -19.33	40.12 2.55 -16.26	38.23 2.56 -14.28	32.73 2.41 -9.00	25.72 1.97 -4.44	20.95 1.85 -0.65	18.46 1.60 0.00
E_CANADA_MHWK_HY 24050	16.31 -0.13 0.00	15.01 -0.14 0.00	14.03 -0.17 0.00	13.85 -0.18 0.00	14.09 -0.20 0.00	14.57 -0.21 0.00	15.97 -0.23 0.00	16.66 -0.24 0.00	14.02 -0.23 0.00	13.88 -0.27 0.00	14.12 -0.30 0.00	14.34 -0.31 0.00	11.98 -0.26 0.00	10.48 -0.20 0.00	11.25 -0.23 0.00	11.92 -0.24 0.00	11.24 -0.19 0.00	13.96 -0.18 0.00	21.04 -0.25 0.00	21.17 -0.21 0.00	21.11 -0.21 0.00	19.10 -0.21 0.00	18.26 -0.20 0.00	16.69 -0.17 0.00
E_FISHKILL__LBMP 23776	17.38 0.94 0.00	15.99 0.85 0.00	14.93 0.72 0.00	14.72 0.69 0.00	14.99 0.70 0.00	15.53 0.75 0.00	19.06 0.91 -1.95	20.33 1.00 -2.44	20.71 0.84 -5.63	20.22 0.84 -5.23	20.23 0.84 -4.96	19.08 0.85 -3.58	18.88 0.72 -5.92	18.79 0.64 -7.46	19.07 0.69 -6.91	20.01 0.73 -7.12	23.31 0.67 -11.19	30.46 0.83 -15.48	35.51 1.19 -13.02	36.10 1.26 -13.45	29.72 1.19 -7.21	23.96 1.10 -3.55	20.07 1.09 -0.52	17.80 0.94 0.00
FALCON__SEABRD_CC1 323796	16.26 -0.18 0.00	15.04 -0.11 0.00	14.15 -0.06 0.00	13.79 -0.24 0.00	13.90 -0.39 0.00	14.23 -0.55 0.00	15.37 -0.83 0.00	-0.57 -1.00 16.47	-0.55 -0.80 14.00	-0.58 -0.78 13.95	-4.20 -0.74 17.89	-7.06 -0.73 20.98	-7.07 -0.62 18.69	-7.06 -0.54 17.20	-7.07 -0.62 17.93	-7.06 -0.64 18.58	-0.55 -0.61 11.38	-0.56 -0.83 13.88	-0.50 -1.13 20.67	-0.56 -1.28 20.66	-0.58 -1.28 20.62	-0.60 -1.14 18.77	-0.58 -1.11 17.93	-0.57 -1.05 16.38
FALCON__SEABRD_CC2 323797	16.26 -0.18 0.00	15.04 -0.11 0.00	14.15 -0.06 0.00	13.79 -0.24 0.00	13.90 -0.39 0.00	14.23 -0.55 0.00	15.37 -0.83 0.00	-0.57 -1.00 16.47	-0.55 -0.80 14.00	-0.58 -0.78 13.95	-4.20 -0.74 17.89	-7.06 -0.73 20.98	-7.07 -0.62 18.69	-7.06 -0.54 17.20	-7.07 -0.62 17.93	-7.06 -0.64 18.58	-0.55 -0.61 11.38	-0.56 -0.83 13.88	-0.50 -1.13 20.67	-0.56 -1.28 20.66	-0.58 -1.28 20.62	-0.60 -1.14 18.77	-0.58 -1.11 17.93	-0.57 -1.05 16.38
FAR ROCKAWAY__4 23548	17.83 1.38 0.00	16.31 1.17 0.00	15.18 0.98 0.00	14.94 0.91 0.00	15.27 0.99 0.00	15.89 1.11 0.00	19.36 1.33 -1.83	20.91 1.47 -2.54	21.32 1.18 -5.89	20.63 1.19 -5.29	20.98 1.18 -5.38	19.91 1.10 -4.16	19.52 0.94 -6.34	19.48 0.87 -7.92	19.98 0.94 -7.57	21.17 1.06 -7.95	24.23 1.05 -11.74	29.92 1.23 -14.54	35.36 1.83 -12.23	36.84 1.95 -13.51	29.99 1.88 -6.79	25.93 1.81 -4.80	20.79 1.83 -0.51	18.51 1.64 -0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	17.56 1.12 0.00	16.14 1.00 0.00	15.08 0.88 0.00	14.86 0.83 0.00	15.12 0.83 0.00	15.67 0.89 0.00	19.13 1.10 -1.83	20.67 1.23 -2.54	21.17 1.03 -5.89	20.44 1.00 -5.29	20.82 1.01 -5.38	19.86 1.04 -4.17	19.48 0.89 -6.34	19.40 0.78 -7.93	19.88 0.83 -7.57	21.00 0.88 -7.96	23.04 0.83 -10.76	29.69 1.00 -14.54	34.93 1.41 -12.23	36.42 1.52 -13.52	29.47 1.39 -6.77	23.98 1.33 -3.34	20.26 1.31 -0.49	17.99 1.13 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	17.56 1.12 0.00	16.14 1.00 0.00	15.08 0.88 0.00	14.87 0.84 0.00	15.12 0.83 0.00	15.67 0.89 0.00	19.15 1.12 -1.83	20.67 1.23 -2.54	21.17 1.03 -5.89	20.44 1.00 -5.29	20.82 1.01 -5.38	19.86 1.04 -4.17	19.48 0.89 -6.34	19.40 0.78 -7.93	19.88 0.83 -7.57	21.00 0.88 -7.96	23.04 0.83 -10.76	29.69 1.00 -14.54	34.93 1.41 -12.23	36.42 1.52 -13.52	29.47 1.39 -6.77	23.98 1.33 -3.34	20.26 1.31 -0.49	17.99 1.13 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	17.55 1.10 0.00	16.13 0.98 0.00	15.07 0.87 0.00	14.86 0.83 0.00	15.10 0.81 0.00	15.67 0.89 0.00	19.13 1.10 -1.83	20.65 1.22 -2.54	21.15 1.01 -5.89	20.44 1.00 -5.29	20.82 1.01 -5.38	19.84 1.03 -4.17	19.47 0.88 -6.34	19.40 0.78 -7.93	19.88 0.83 -7.57	21.00 0.88 -7.96	23.02 0.82 -10.76	29.67 0.99 -14.54	34.91 1.38 -12.23	36.40 1.50 -13.52	29.45 1.36 -6.77	23.98 1.33 -3.34	20.26 1.31 -0.49	17.99 1.13 0.00
FARRAGUT___LBMP 323566	17.55 1.10 0.00	16.13 0.98 0.00	15.07 0.87 0.00	14.86 0.83 0.00	15.10 0.81 0.00	15.65 0.87 0.00	19.11 1.09 -1.83	20.64 1.20 -2.54	21.15 1.01 -5.89	20.43 0.99 -5.29	20.80 1.00 -5.38	19.84 1.03 -4.17	19.47 0.88 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.99 0.86 -7.96	23.02 0.82 -10.76	29.67 0.99 -14.54	34.89 1.36 -12.23	36.37 1.48 -13.52	29.45 1.36 -6.77	23.96 1.31 -3.34	20.24 1.29 -0.49	17.97 1.11 0.00
FENNER___WINDPWR 24204	16.76 0.31 0.00	15.45 0.30 0.00	14.41 0.21 0.00	14.27 0.24 0.00	14.56 0.27 0.00	15.05 0.27 0.00	16.67 0.26 -0.22	17.36 0.30 -0.16	14.86 0.24 -0.37	14.82 0.24 -0.43	14.90 0.23 -0.25	14.92 0.22 -0.05	12.77 0.21 -0.32	11.32 0.19 -0.44	11.97 0.19 -0.30	12.60 0.19 -0.25	12.77 0.18 -1.15	16.16 0.27 -1.75	23.19 0.43 -1.47	23.01 0.49 -1.13	22.60 0.47 -0.81	20.09 0.39 -0.40	18.85 0.33 -0.06	17.23 0.37 0.00
FIBERTEK___ENERGY 23856	16.58 0.13 0.00	15.28 0.14 0.00	14.24 0.04 0.00	14.10 0.07 0.00	14.40 0.11 0.00	14.90 0.12 0.00	16.51 0.13 -0.18	17.20 0.17 -0.14	14.70 0.14 -0.31	14.67 0.16 -0.36	14.79 0.16 -0.21	14.86 0.16 -0.04	12.66 0.15 -0.27	11.18 0.13 -0.37	11.88 0.15 -0.25	12.53 0.16 -0.21	12.54 0.14 -0.96	15.80 0.20 -1.46	22.84 0.32 -1.23	22.71 0.38 -0.95	22.32 0.32 -0.68	19.91 0.27 -0.33	18.75 0.24 -0.05	17.10 0.24 0.00
FITZPATRICK____ 23598	16.12 -0.33 0.00	14.84 -0.30 0.00	13.88 -0.33 0.00	13.72 -0.31 0.00	13.99 -0.30 0.00	14.47 -0.31 0.00	15.96 -0.34 -0.11	16.64 -0.34 -0.08	14.15 -0.28 -0.18	14.08 -0.28 -0.21	14.27 -0.27 -0.12	14.40 -0.28 -0.02	12.14 -0.26 -0.16	10.69 -0.21 -0.22	11.40 -0.23 -0.15	12.04 -0.24 -0.12	11.78 -0.23 -0.57	14.73 -0.28 -0.87	21.60 -0.43 -0.73	21.56 -0.38 -0.56	21.30 -0.43 -0.40	19.12 -0.39 -0.20	18.12 -0.37 -0.03	16.54 -0.32 0.00
FLOWRFLD_69_KV_BK1 356044	18.04 1.60 0.00	16.49 1.35 0.00	15.32 1.12 0.00	15.07 1.04 0.00	15.43 1.14 0.00	16.07 1.29 0.00	19.57 1.54 -1.83	21.11 1.67 -2.54	21.48 1.34 -5.89	20.78 1.34 -5.29	21.20 1.40 -5.38	20.09 1.27 -4.16	19.65 1.06 -6.34	19.62 1.00 -7.92	20.16 1.11 -7.57	21.38 1.26 -7.95	24.50 1.33 -11.74	30.25 1.56 -14.54	35.92 2.36 -12.25	37.33 2.42 -13.53	30.54 2.41 -6.81	26.27 2.16 -4.80	21.16 2.20 -0.51	18.86 1.99 -0.02
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	17.51 1.07 0.00	16.10 0.95 0.00	15.01 0.81 0.00	14.80 0.77 0.00	15.07 0.79 0.00	15.59 0.81 0.00	19.04 0.99 -1.86	20.49 1.10 -2.50	20.95 0.91 -5.79	20.29 0.89 -5.24	20.56 0.89 -5.24	19.55 0.91 -3.99	19.21 0.77 -6.20	19.12 0.67 -7.76	19.55 0.72 -7.36	20.62 0.77 -7.69	22.95 0.69 -10.82	29.75 0.89 -14.71	35.02 1.34 -12.38	36.29 1.48 -13.43	29.49 1.32 -6.85	23.88 1.20 -3.38	20.12 1.16 -0.50	17.89 1.03 0.00
FORT ORANGE____ 23900	16.89 0.44 0.00	15.58 0.44 0.00	14.59 0.38 0.00	14.40 0.36 0.00	14.66 0.37 0.00	15.18 0.40 0.00	18.95 0.41 -2.34	19.62 0.44 -2.29	19.81 0.34 -5.22	19.83 0.33 -5.35	18.92 0.35 -4.15	17.30 0.38 -2.26	17.67 0.31 -5.12	17.60 0.27 -6.64	17.33 0.30 -5.55	17.83 0.32 -5.35	24.52 0.27 -12.81	33.09 0.35 -18.59	37.51 0.58 -15.63	35.89 0.58 -13.93	30.53 0.55 -8.66	24.04 0.46 -4.27	19.53 0.44 -0.63	17.28 0.42 0.00
FORT_DRUM_COGEN 23780	16.91 0.46 0.00	15.60 0.45 0.00	14.53 0.33 0.00	14.38 0.35 0.00	14.67 0.39 0.00	15.15 0.37 0.00	16.56 0.26 -0.10	18.02 0.30 -0.82	15.26 0.21 -0.80	15.18 0.20 -0.82	15.53 0.19 -0.92	15.79 0.16 -0.97	13.38 0.15 -0.99	11.83 0.17 -0.98	12.57 0.15 -0.95	13.25 0.13 -0.95	12.62 0.15 -1.04	15.88 0.31 -1.42	23.47 0.58 -1.60	23.49 0.66 -1.45	23.28 0.66 -1.30	20.84 0.50 -1.03	19.68 0.39 -0.84	18.00 0.40 -0.74
FPL_FAR_ROCK_GT1 24212	17.83 1.38 0.00	16.30 1.15 0.00	15.17 0.97 0.00	14.94 0.91 0.00	15.20 0.92 0.00	15.89 1.11 0.00	19.36 1.33 -1.83	20.91 1.47 -2.54	21.32 1.18 -5.89	20.63 1.19 -5.29	20.98 1.18 -5.38	19.91 1.10 -4.16	19.52 0.94 -6.34	19.48 0.87 -7.92	19.98 0.94 -7.57	21.17 1.06 -7.95	24.23 1.05 -11.74	29.91 1.22 -14.54	35.39 1.85 -12.23	36.84 1.95 -13.51	29.99 1.88 -6.79	25.93 1.81 -4.80	20.79 1.83 -0.51	18.51 1.63 -0.02
FPL_FAR_ROCK_GT2 23815	17.83 1.38 0.00	16.30 1.15 0.00	15.17 0.97 0.00	14.94 0.91 0.00	15.20 0.92 0.00	15.89 1.11 0.00	19.36 1.33 -1.83	20.91 1.47 -2.54	21.32 1.18 -5.89	20.63 1.19 -5.29	20.98 1.18 -5.38	19.91 1.10 -4.16	19.52 0.94 -6.34	19.48 0.87 -7.92	19.98 0.94 -7.57	21.17 1.06 -7.95	24.23 1.05 -11.74	29.91 1.22 -14.54	35.39 1.85 -12.23	36.84 1.95 -13.51	29.99 1.88 -6.79	25.93 1.81 -4.80	20.79 1.83 -0.51	18.51 1.63 -0.02
FRANKLIN_FALL_HYD 24054	16.28 -0.16 0.00	15.01 -0.14 0.00	14.14 -0.06 0.00	13.81 -0.22 0.00	13.94 -0.34 0.00	14.32 -0.46 0.00	15.52 -0.68 0.00	27.21 -0.81 -11.13	23.07 -0.64 -9.46	22.93 -0.65 -9.43	25.89 -0.62 -12.09	28.21 -0.62 -14.17	24.35 -0.51 -12.63	21.85 -0.46 -11.62	23.06 -0.53 -12.11	24.15 -0.56 -12.55	18.61 -0.51 -7.69	22.80 -0.72 -9.38	34.28 -0.98 -13.97	34.25 -1.09 -13.96	34.14 -1.11 -13.93	31.02 -0.97 -12.68	29.61 -0.96 -12.11	27.02 -0.91 -11.07
FREEPORT_EQUS_GT1 23764	17.76 1.32 0.00	16.24 1.09 0.00	15.12 0.92 0.00	14.89 0.86 0.00	15.15 0.86 0.00	15.83 1.05 0.00	19.31 1.28 -1.83	20.84 1.40 -2.54	21.28 1.14 -5.89	20.59 1.15 -5.29	21.00 1.20 -5.38	19.93 1.11 -4.16	19.52 0.94 -6.34	19.49 0.88 -7.92	20.00 0.95 -7.57	21.18 1.07 -7.95	24.24 1.06 -11.74	29.94 1.25 -14.54	35.41 1.87 -12.23	36.86 1.97 -13.51	30.01 1.90 -6.79	25.85 1.74 -4.80	20.74 1.77 -0.51	18.46 1.58 -0.02
FREEPORT___CT2 23818	17.76 1.32 0.00	16.24 1.09 0.00	15.12 0.92 0.00	14.89 0.86 0.00	15.15 0.86 0.00	15.83 1.05 0.00	19.31 1.28 -1.83	20.84 1.40 -2.54	21.28 1.14 -5.89	20.59 1.15 -5.29	21.00 1.20 -5.38	19.93 1.11 -4.16	19.52 0.94 -6.34	19.49 0.88 -7.92	20.00 0.95 -7.57	21.18 1.07 -7.95	24.24 1.06 -11.74	29.94 1.25 -14.54	35.41 1.87 -12.23	36.86 1.97 -13.51	30.01 1.90 -6.79	25.85 1.74 -4.80	20.74 1.77 -0.51	18.46 1.58 -0.02

FRESHKLS_33_KV_LOAD 356253	17.60 1.15 0.00	16.21 1.06 0.00	15.11 0.91 0.00	14.93 0.90 0.00	15.17 0.89 0.00	15.71 0.93 0.00	19.11 1.09 -1.83	20.59 1.15 -2.54	21.10 0.95 -5.89	20.35 0.91 -5.29	20.73 0.92 -5.38	19.79 0.97 -4.17	19.40 0.83 -6.33	19.34 0.74 -7.91	19.81 0.78 -7.56	20.93 0.83 -7.94	22.99 0.80 -10.75	29.67 0.99 -14.54	34.97 1.45 -12.23	36.46 1.56 -13.52	29.33 1.24 -6.77	23.94 1.29 -3.34	20.24 1.29 -0.49	18.06 1.20 0.00
FULTON COGEN____ 23766	16.71 0.26 0.00	15.40 0.26 0.00	14.34 0.14 0.00	14.21 0.18 0.00	14.53 0.24 0.00	15.00 0.22 0.00	16.61 0.26 -0.16	17.33 0.32 -0.12	14.78 0.27 -0.26	14.74 0.28 -0.30	14.90 0.30 -0.17	15.00 0.31 -0.04	12.74 0.27 -0.23	11.23 0.24 -0.31	11.95 0.26 -0.21	12.60 0.27 -0.17	12.49 0.24 -0.81	15.72 0.34 -1.23	22.89 0.55 -1.04	22.83 0.64 -0.80	22.45 0.55 -0.57	20.07 0.48 -0.28	18.92 0.42 -0.04	17.25 0.39 0.00
FULTON____LFGE 323630	18.17 1.73 0.00	16.74 1.59 0.00	15.69 1.49 0.00	15.49 1.46 0.00	15.76 1.47 0.00	16.41 1.63 0.00	20.45 1.81 -2.44	21.04 1.83 -2.32	21.05 1.53 -5.28	21.07 1.44 -5.47	19.93 1.36 -4.15	18.22 1.41 -2.16	18.60 1.22 -5.14	18.39 1.02 -6.68	18.13 1.15 -5.51	18.70 1.29 -5.25	26.02 1.31 -13.26	35.26 1.78 -19.33	40.65 3.09 -16.26	38.72 3.06 -14.28	33.18 2.86 -9.00	26.04 2.30 -4.44	21.27 2.16 -0.65	18.73 1.87 0.00
G.F.CEMENT____DRP 24184	17.61 1.17 0.00	16.19 1.05 0.00	15.15 0.95 0.00	14.94 0.91 0.00	15.22 0.93 0.00	15.80 1.02 0.00	19.73 1.12 -2.42	20.26 1.05 -2.32	20.41 0.88 -5.27	20.55 0.95 -5.45	19.52 0.94 -4.16	17.80 0.95 -2.19	18.17 0.78 -5.15	18.04 0.66 -6.69	17.65 0.63 -5.54	18.16 0.71 -5.30	25.32 0.71 -13.17	34.23 0.91 -19.18	39.11 1.68 -16.13	37.30 1.69 -14.22	31.96 1.71 -8.93	25.12 1.41 -4.40	20.41 1.31 -0.65	18.04 1.18 0.00
GARDENVILLE____LBMP 24039	16.08 -0.36 0.00	14.81 -0.33 0.00	13.75 -0.45 0.00	13.72 -0.31 0.00	13.97 -0.31 0.00	14.42 -0.35 0.00	15.64 -0.86 -0.30	16.21 -0.91 -0.22	14.06 -0.68 -0.50	14.06 -0.68 -0.58	14.02 -0.74 -0.33	14.02 -0.70 -0.07	12.26 -0.42 -0.44	10.92 -0.36 -0.60	11.55 -0.33 -0.41	12.14 -0.35 -0.33	12.65 -0.35 -1.57	15.96 -0.57 -2.38	22.17 -1.13 -2.00	22.05 -0.88 -1.54	21.42 -1.00 -1.11	19.00 -0.85 -0.55	17.93 -0.61 -0.08	16.88 0.02 0.00
GARDNVLA_35_KV_LD 355827	16.18 -0.26 0.00	14.89 -0.26 0.00	13.82 -0.38 0.00	13.79 -0.24 0.00	14.05 -0.24 0.00	14.50 -0.28 0.00	15.68 -0.81 -0.30	16.26 -0.86 -0.22	14.10 -0.64 -0.50	14.11 -0.62 -0.58	14.08 -0.68 -0.33	14.06 -0.66 -0.07	12.31 -0.37 -0.44	10.96 -0.32 -0.60	11.60 -0.29 -0.41	12.19 -0.30 -0.33	12.69 -0.31 -1.57	16.01 -0.51 -2.38	22.23 -1.06 -2.00	22.11 -0.81 -1.54	21.49 -0.94 -1.11	19.06 -0.79 -0.55	17.98 -0.55 -0.08	16.98 0.12 0.00
GELCKHM__115KV_LOAD 80723	16.43 -0.02 0.00	15.13 -0.02 0.00	14.12 -0.09 0.00	13.99 -0.04 0.00	14.27 -0.01 0.00	14.75 -0.03 0.00	16.35 -0.02 -0.17	17.04 0.02 -0.12	14.54 0.01 -0.28	14.49 0.01 -0.32	14.64 0.03 -0.19	14.72 0.03 -0.04	12.51 0.02 -0.24	11.04 0.02 -0.33	11.74 0.03 -0.23	12.39 0.04 -0.19	12.33 0.02 -0.87	15.53 0.06 -1.32	22.49 0.09 -1.11	22.39 0.15 -0.86	22.02 0.09 -0.62	19.67 0.06 -0.30	18.56 0.06 -0.04	16.91 0.05 0.00
GENERAL____MILLS 23808	16.15 -0.30 0.00	14.87 -0.27 0.00	13.80 -0.40 0.00	13.78 -0.25 0.00	14.03 -0.26 0.00	14.47 -0.31 0.00	15.67 -0.83 -0.30	16.22 -0.90 -0.22	14.08 -0.67 -0.50	14.08 -0.65 -0.58	14.05 -0.71 -0.33	14.03 -0.69 -0.07	12.29 -0.39 -0.44	10.94 -0.34 -0.60	11.58 -0.31 -0.41	12.16 -0.34 -0.33	12.67 -0.33 -1.57	15.99 -0.54 -2.38	22.21 -1.09 -2.00	22.07 -0.86 -1.54	21.44 -0.98 -1.11	19.04 -0.81 -0.55	17.95 -0.59 -0.08	16.94 0.08 0.00
GE_PLASTICS____DRP 24183	16.91 0.46 0.00	15.60 0.45 0.00	14.59 0.38 0.00	14.41 0.38 0.00	14.66 0.37 0.00	15.19 0.41 0.00	18.98 0.44 -2.35	19.63 0.46 -2.28	19.82 0.37 -5.20	19.86 0.37 -5.34	18.93 0.38 -4.13	17.27 0.40 -2.23	17.67 0.33 -5.10	17.59 0.29 -6.61	17.31 0.32 -5.51	17.80 0.34 -5.29	24.57 0.30 -12.83	33.17 0.38 -18.64	37.55 0.58 -15.68	35.88 0.58 -13.92	30.57 0.58 -8.68	24.09 0.50 -4.28	19.57 0.48 -0.63	17.30 0.44 0.00
GILBOA____1 23756	17.00 0.56 0.00	15.64 0.50 0.00	14.63 0.43 0.00	14.49 0.46 0.00	14.77 0.49 0.00	15.30 0.52 0.00	18.59 0.57 -1.83	19.15 0.56 -1.69	18.56 0.47 -3.84	18.66 0.47 -4.04	17.86 0.46 -2.97	16.59 0.47 -1.46	16.35 0.40 -3.71	15.88 0.35 -4.84	15.79 0.39 -3.93	16.28 0.41 -3.70	21.73 0.38 -9.92	29.14 0.47 -14.52	34.15 0.64 -12.22	32.64 0.70 -10.55	28.79 0.70 -6.76	23.28 0.64 -3.33	19.56 0.61 -0.49	17.41 0.56 0.00
GILBOA____2 23757	17.00 0.56 0.00	15.64 0.50 0.00	14.63 0.43 0.00	14.49 0.46 0.00	14.77 0.49 0.00	15.30 0.52 0.00	18.59 0.57 -1.83	19.15 0.56 -1.69	18.56 0.47 -3.84	18.66 0.47 -4.04	17.86 0.46 -2.97	16.59 0.47 -1.46	16.35 0.40 -3.71	15.88 0.35 -4.84	15.79 0.39 -3.93	16.28 0.41 -3.70	21.73 0.38 -9.92	29.14 0.47 -14.52	34.15 0.64 -12.22	32.64 0.70 -10.55	28.79 0.70 -6.76	23.28 0.64 -3.33	19.56 0.61 -0.49	17.41 0.56 0.00
GILBOA____3 23758	17.00 0.56 0.00	15.64 0.50 0.00	14.63 0.43 0.00	14.49 0.46 0.00	14.77 0.49 0.00	15.30 0.52 0.00	18.59 0.57 -1.83	19.15 0.56 -1.69	18.56 0.47 -3.84	18.66 0.47 -4.04	17.86 0.46 -2.97	16.59 0.47 -1.46	16.35 0.40 -3.71	15.88 0.35 -4.84	15.79 0.39 -3.93	16.28 0.41 -3.70	21.73 0.38 -9.92	29.14 0.47 -14.52	34.15 0.64 -12.22	32.64 0.70 -10.55	28.79 0.70 -6.76	23.28 0.64 -3.33	19.56 0.61 -0.49	17.41 0.56 0.00
GILBOA____4 23759	17.00 0.56 0.00	15.64 0.50 0.00	14.63 0.43 0.00	14.49 0.46 0.00	14.77 0.49 0.00	15.30 0.52 0.00	18.59 0.57 -1.83	19.15 0.56 -1.69	18.56 0.47 -3.84	18.66 0.47 -4.04	17.86 0.46 -2.97	16.59 0.47 -1.46	16.35 0.40 -3.71	15.88 0.35 -4.84	15.79 0.39 -3.93	16.28 0.41 -3.70	21.73 0.38 -9.92	29.14 0.47 -14.52	34.15 0.64 -12.22	32.64 0.70 -10.55	28.79 0.70 -6.76	23.28 0.64 -3.33	19.56 0.61 -0.49	17.41 0.56 0.00
GILBOA____ 23599	17.00 0.56 0.00	15.66 0.51 0.00	14.63 0.43 0.00	14.50 0.46 0.00	14.77 0.49 0.00	15.30 0.52 0.00	18.59 0.57 -1.83	19.15 0.56 -1.69	18.56 0.47 -3.84	18.66 0.47 -4.04	17.86 0.46 -2.97	16.59 0.47 -1.46	16.35 0.40 -3.71	15.88 0.35 -4.84	15.79 0.39 -3.93	16.27 0.41 -3.70	21.73 0.38 -9.92	29.14 0.47 -14.52	34.15 0.64 -12.22	32.64 0.71 -10.55	28.79 0.70 -6.76	23.28 0.64 -3.33	19.56 0.61 -0.49	17.42 0.56 0.00
GINNA____ 23603	15.49 -0.95 0.00	14.30 -0.85 0.00	13.28 -0.92 0.00	13.16 -0.87 0.00	13.42 -0.87 0.00	13.85 -0.93 0.00	15.46 -0.94 -0.21	16.10 -0.95 -0.15	13.81 -0.78 -0.34	13.79 -0.76 -0.40	13.89 -0.76 -0.23	13.94 -0.76 -0.05	11.94 -0.60 -0.30	10.57 -0.52 -0.41	11.20 -0.56 -0.28	11.82 -0.57 -0.23	11.98 -0.54 -1.08	15.11 -0.68 -1.64	21.74 -0.94 -1.38	21.59 -0.86 -1.06	21.04 -1.04 -0.76	18.76 -0.93 -0.38	17.63 -0.89 -0.06	16.03 -0.83 0.00

GLEN PARK____ 23778	16.97 0.53 0.00	15.69 0.54 0.00	14.60 0.40 0.00	14.45 0.42 0.00	14.74 0.46 0.00	15.22 0.44 0.00	16.64 0.34 -0.10	18.09 0.40 -0.79	15.31 0.28 -0.77	15.22 0.27 -0.80	15.57 0.26 -0.89	15.81 0.23 -0.93	13.40 0.21 -0.96	11.87 0.23 -0.95	12.60 0.21 -0.91	13.28 0.21 -0.92	12.68 0.22 -1.03	15.97 0.41 -1.41	23.62 0.75 -1.58	23.64 0.83 -1.42	23.42 0.83 -1.27	20.94 0.64 -1.00	19.77 0.52 -0.80	18.09 0.52 -0.71
GLENDALE_27_KV_LOAD 356172	17.66 1.22 0.00	16.25 1.11 0.00	15.17 0.97 0.00	14.96 0.93 0.00	15.20 0.91 0.00	15.77 0.99 0.00	19.24 1.21 -1.83	20.77 1.33 -2.54	21.25 1.11 -5.89	20.52 1.08 -5.29	20.90 1.10 -5.38	19.95 1.13 -4.17	19.55 0.97 -6.34	19.47 0.85 -7.93	19.96 0.91 -7.57	21.08 0.96 -7.96	23.12 0.91 -10.76	29.79 1.10 -14.54	35.08 1.55 -12.23	36.57 1.67 -13.52	29.54 1.45 -6.77	24.11 1.47 -3.34	20.37 1.42 -0.49	18.11 1.25 0.00
GLENWOOD_IC_1_G5 23712	17.65 1.20 0.00	16.19 1.05 0.00	15.10 0.89 0.00	14.86 0.83 0.00	15.16 0.87 0.00	15.74 0.96 0.00	19.20 1.17 -1.83	20.74 1.30 -2.54	21.21 1.07 -5.89	20.50 1.06 -5.29	20.91 1.11 -5.38	19.88 1.07 -4.16	19.50 0.92 -6.34	19.43 0.82 -7.92	19.94 0.90 -7.57	21.10 0.99 -7.95	24.13 0.95 -11.74	29.82 1.13 -14.54	35.22 1.68 -12.23	36.67 1.77 -13.51	29.79 1.68 -6.79	25.67 1.56 -4.80	20.50 1.53 -0.51	18.24 1.37 -0.02
GLENWOOD_IC_2_G1 23688	17.58 1.13 0.00	16.12 0.97 0.00	15.04 0.84 0.00	14.83 0.80 0.00	15.09 0.80 0.00	15.70 0.92 0.00	19.15 1.12 -1.83	20.65 1.22 -2.54	21.15 1.01 -5.89	20.44 1.01 -5.29	20.84 1.04 -5.38	19.84 1.03 -4.16	19.45 0.87 -6.34	19.39 0.78 -7.92	19.89 0.85 -7.57	21.03 0.91 -7.95	24.06 0.88 -11.74	29.74 1.05 -14.54	35.07 1.53 -12.23	36.52 1.62 -13.51	29.65 1.54 -6.79	25.56 1.45 -4.80	20.37 1.40 -0.51	18.12 1.25 -0.02
GLENWOOD_IC_3_G1 23689	17.58 1.13 0.00	16.12 0.97 0.00	15.04 0.84 0.00	14.83 0.80 0.00	15.09 0.80 0.00	15.70 0.92 0.00	19.15 1.12 -1.83	20.65 1.22 -2.54	21.15 1.01 -5.89	20.44 1.01 -5.29	20.84 1.04 -5.38	19.84 1.03 -4.16	19.45 0.87 -6.34	19.39 0.78 -7.92	19.89 0.85 -7.57	21.03 0.91 -7.95	24.06 0.88 -11.74	29.74 1.05 -14.54	35.07 1.53 -12.23	36.52 1.62 -13.51	29.65 1.54 -6.79	25.56 1.45 -4.80	20.37 1.40 -0.51	18.12 1.25 -0.02
GLENWOOD____4 23550	17.65 1.20 0.00	16.19 1.05 0.00	15.10 0.89 0.00	14.86 0.83 0.00	15.16 0.87 0.00	15.74 0.96 0.00	19.20 1.17 -1.83	20.74 1.30 -2.54	21.21 1.07 -5.89	20.50 1.06 -5.29	20.91 1.11 -5.38	19.88 1.07 -4.16	19.50 0.92 -6.34	19.43 0.82 -7.92	19.94 0.90 -7.57	21.10 0.99 -7.95	24.13 0.95 -11.74	29.82 1.13 -14.54	35.22 1.68 -12.23	36.67 1.77 -13.51	29.79 1.68 -6.79	25.67 1.56 -4.80	20.50 1.53 -0.51	18.24 1.37 -0.02
GLENWOOD____5 23614	17.65 1.20 0.00	16.19 1.05 0.00	15.10 0.89 0.00	14.86 0.83 0.00	15.16 0.87 0.00	15.74 0.96 0.00	19.20 1.17 -1.83	20.74 1.30 -2.54	21.21 1.07 -5.89	20.50 1.06 -5.29	20.91 1.11 -5.38	19.88 1.07 -4.16	19.50 0.92 -6.34	19.43 0.82 -7.92	19.94 0.90 -7.57	21.10 0.99 -7.95	24.13 0.95 -11.74	29.82 1.13 -14.54	35.22 1.68 -12.23	36.67 1.77 -13.51	29.79 1.68 -6.79	25.67 1.56 -4.80	20.50 1.53 -0.51	18.24 1.37 -0.02
GLOBAL GREEN_PORT_GT1 23814	18.58 2.14 0.00	16.95 1.80 0.00	15.75 1.55 0.00	15.49 1.46 0.00	15.76 1.47 0.00	16.57 1.79 0.00	20.12 2.09 -1.83	21.68 2.25 -2.54	21.95 1.81 -5.89	21.27 1.83 -5.29	21.66 1.86 -5.38	20.50 1.68 -4.16	19.99 1.41 -6.34	19.91 1.30 -7.92	20.47 1.42 -7.57	21.76 1.64 -7.95	24.90 1.73 -11.74	30.77 2.08 -14.54	36.80 3.26 -12.25	38.24 3.33 -13.52	31.43 3.30 -6.81	26.95 2.84 -4.80	21.84 2.88 -0.51	19.52 2.65 -0.02
GLOBE____DSASP 323697	15.46 -0.99 0.00	14.24 -0.91 0.00	13.22 -0.98 0.00	13.23 -0.80 0.00	13.46 -0.83 0.00	13.89 -0.89 0.00	15.37 -1.09 -0.26	15.92 -1.17 -0.19	13.79 -0.90 -0.44	13.80 -0.88 -0.52	13.79 -0.92 -0.29	13.79 -0.91 -0.04	12.05 -0.58 -0.39	10.72 -0.50 -0.53	11.38 -0.48 -0.38	11.94 -0.51 -0.29	12.38 -0.49 -1.43	15.57 -0.79 -2.22	21.65 -1.51 -1.87	21.52 -1.30 -1.44	20.92 -1.43 -1.03	18.60 -1.22 -0.51	17.59 -0.94 -0.07	16.24 -0.62 0.00
GOETHSLN____LBMP 323567	17.48 1.04 0.00	16.07 0.92 0.00	15.00 0.80 0.00	14.79 0.76 0.00	15.03 0.74 0.00	15.59 0.81 0.00	19.05 1.02 -1.83	20.59 1.15 -2.54	21.10 0.95 -5.89	20.39 0.95 -5.29	20.76 0.95 -5.38	19.79 0.97 -4.17	19.42 0.83 -6.34	19.35 0.74 -7.93	19.83 0.78 -7.57	20.95 0.83 -7.96	22.98 0.78 -10.76	29.62 0.93 -14.54	34.78 1.26 -12.23	36.27 1.37 -13.52	29.37 1.28 -6.77	23.90 1.25 -3.34	20.17 1.22 -0.49	17.90 1.05 0.00
GOLAH____69_KV_TB 1_2 80279	16.25 -0.20 0.00	14.99 -0.15 0.00	13.92 -0.28 0.00	13.84 -0.20 0.00	14.09 -0.20 0.00	14.56 -0.22 0.00	16.17 -0.24 -0.22	16.80 -0.25 -0.16	14.43 -0.19 -0.36	14.41 -0.17 -0.42	14.49 -0.17 -0.24	14.54 -0.16 -0.05	12.50 -0.06 -0.32	11.04 -0.07 -0.43	11.71 -0.07 -0.30	12.36 -0.05 -0.24	12.55 -0.02 -1.14	15.78 -0.10 -1.73	22.54 -0.21 -1.45	22.46 -0.04 -1.12	21.93 -0.19 -0.80	19.53 -0.17 -0.40	18.44 -0.07 -0.06	16.86 0.00 0.00
GOODYEAR_LAKE_HYD 323669	17.14 0.69 0.00	15.80 0.65 0.00	14.74 0.54 0.00	14.59 0.56 0.00	14.86 0.57 0.00	15.39 0.61 0.00	17.74 0.66 -0.88	18.15 0.71 -0.55	16.05 0.60 -1.20	16.30 0.59 -1.55	15.69 0.59 -0.67	15.09 0.59 0.15	13.71 0.51 -0.95	12.50 0.46 -1.36	12.68 0.47 -0.74	13.10 0.50 -0.43	16.41 0.47 -4.50	21.77 0.64 -6.98	28.11 0.94 -5.87	26.53 1.01 -4.14	25.55 0.98 -3.25	21.74 0.83 -1.60	19.47 0.78 -0.23	17.63 0.78 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	16.69 0.25 0.00	15.37 0.23 0.00	14.33 0.13 0.00	14.20 0.17 0.00	14.49 0.20 0.00	14.99 0.21 0.00	16.85 0.08 -0.57	17.42 0.10 -0.43	15.29 0.09 -0.96	15.37 0.10 -1.11	15.15 0.09 -0.64	14.86 0.07 -0.13	13.19 0.11 -0.84	11.92 0.10 -1.14	12.39 0.13 -0.79	12.94 0.13 -0.64	14.55 0.11 -3.00	18.85 0.16 -4.55	25.29 0.17 -3.82	24.63 0.30 -2.95	23.65 0.21 -2.12	20.54 0.19 -1.04	18.81 0.20 -0.15	17.25 0.39 0.00
GOUDEY____7 23579	16.69 0.25 0.00	15.37 0.23 0.00	14.33 0.13 0.00	14.21 0.18 0.00	14.50 0.21 0.00	14.99 0.21 0.00	16.87 0.10 -0.57	17.42 0.10 -0.43	15.30 0.10 -0.96	15.37 0.10 -1.11	15.15 0.09 -0.64	14.87 0.09 -0.13	13.20 0.12 -0.84	11.94 0.11 -1.14	12.40 0.14 -0.79	12.95 0.15 -0.64	14.57 0.13 -3.00	18.86 0.17 -4.55	25.34 0.21 -3.82	24.65 0.32 -2.95	23.67 0.23 -2.12	20.56 0.21 -1.04	18.83 0.22 -0.15	17.26 0.40 0.00
GOUDEY____8 23580	16.69 0.25 0.00	15.37 0.23 0.00	14.33 0.13 0.00	14.20 0.17 0.00	14.49 0.20 0.00	14.99 0.21 0.00	16.85 0.08 -0.57	17.42 0.10 -0.43	15.29 0.09 -0.96	15.37 0.10 -1.11	15.15 0.09 -0.64	14.86 0.07 -0.13	13.19 0.11 -0.84	11.92 0.10 -1.14	12.39 0.13 -0.79	12.94 0.13 -0.64	14.55 0.11 -3.00	18.85 0.16 -4.55	25.29 0.17 -3.82	24.63 0.30 -2.95	23.65 0.21 -2.12	20.54 0.19 -1.04	18.81 0.20 -0.15	17.25 0.39 0.00

GOWANUS_GT1_1 24077	17.63 1.18 0.00	16.21 1.06 0.00	15.12 0.92 0.00	14.93 0.90 0.00	15.17 0.89 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.07 0.87 -10.76	29.76 1.08 -14.54	35.06 1.53 -12.23	36.55 1.65 -13.52	29.45 1.36 -6.77	24.03 1.39 -3.34	20.31 1.37 -0.49	18.06 1.20 0.00
GOWANUS_GT1_2 24078	17.63 1.18 0.00	16.21 1.06 0.00	15.12 0.92 0.00	14.93 0.90 0.00	15.17 0.89 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.07 0.87 -10.76	29.76 1.08 -14.54	35.06 1.53 -12.23	36.55 1.65 -13.52	29.45 1.36 -6.77	24.03 1.39 -3.34	20.31 1.37 -0.49	18.06 1.20 0.00
GOWANUS_GT1_3 24079	17.63 1.18 0.00	16.21 1.06 0.00	15.12 0.92 0.00	14.93 0.90 0.00	15.17 0.89 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.07 0.87 -10.76	29.76 1.08 -14.54	35.06 1.53 -12.23	36.55 1.65 -13.52	29.45 1.36 -6.77	24.03 1.39 -3.34	20.31 1.37 -0.49	18.06 1.20 0.00
GOWANUS_GT1_4 24080	17.63 1.18 0.00	16.21 1.06 0.00	15.12 0.92 0.00	14.93 0.90 0.00	15.17 0.89 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.07 0.87 -10.76	29.76 1.08 -14.54	35.06 1.53 -12.23	36.55 1.65 -13.52	29.45 1.36 -6.77	24.03 1.39 -3.34	20.31 1.37 -0.49	18.06 1.20 0.00
GOWANUS_GT1_5 24084	17.63 1.18 0.00	16.21 1.06 0.00	15.12 0.92 0.00	14.93 0.90 0.00	15.17 0.89 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.07 0.87 -10.76	29.76 1.08 -14.54	35.06 1.53 -12.23	36.55 1.65 -13.52	29.45 1.36 -6.77	24.03 1.39 -3.34	20.31 1.37 -0.49	18.06 1.20 0.00
GOWANUS_GT1_6 24111	17.63 1.18 0.00	16.21 1.06 0.00	15.12 0.92 0.00	14.93 0.90 0.00	15.17 0.89 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.07 0.87 -10.76	29.76 1.08 -14.54	35.06 1.53 -12.23	36.55 1.65 -13.52	29.45 1.36 -6.77	24.03 1.39 -3.34	20.31 1.37 -0.49	18.06 1.20 0.00
GOWANUS_GT1_7 24112	17.63 1.18 0.00	16.21 1.06 0.00	15.12 0.92 0.00	14.93 0.90 0.00	15.17 0.89 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.07 0.87 -10.76	29.76 1.08 -14.54	35.06 1.53 -12.23	36.55 1.65 -13.52	29.45 1.36 -6.77	24.03 1.39 -3.34	20.31 1.37 -0.49	18.06 1.20 0.00
GOWANUS_GT1_8 24113	17.63 1.18 0.00	16.21 1.06 0.00	15.12 0.92 0.00	14.93 0.90 0.00	15.17 0.89 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.07 0.87 -10.76	29.76 1.08 -14.54	35.06 1.53 -12.23	36.55 1.65 -13.52	29.45 1.36 -6.77	24.03 1.39 -3.34	20.31 1.37 -0.49	18.06 1.20 0.00
GOWANUS_GT2_1 24114	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
GOWANUS_GT2_2 24115	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
GOWANUS_GT2_3 24116	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
GOWANUS_GT2_4 24117	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
GOWANUS_GT2_5 24118	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
GOWANUS_GT2_6 24119	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
GOWANUS_GT2_7 24120	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00

GOWANUS_GT2_8 24121	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
GOWANUS_GT3_1 24122	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
GOWANUS_GT3_2 24123	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
GOWANUS_GT3_3 24124	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
GOWANUS_GT3_4 24125	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
GOWANUS_GT3_5 24126	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
GOWANUS_GT3_6 24127	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
GOWANUS_GT3_7 24128	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
GOWANUS_GT3_8 24129	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
GOWANUS_GT4_1 24130	17.63 1.18 0.00	16.21 1.06 0.00	15.12 0.92 0.00	14.93 0.90 0.00	15.17 0.89 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.07 0.87 -10.76	29.76 1.08 -14.54	35.06 1.53 -12.23	36.55 1.65 -13.52	29.45 1.36 -6.77	24.03 1.39 -3.34	20.31 1.37 -0.49	18.06 1.20 0.00
GOWANUS_GT4_2 24131	17.63 1.18 0.00	16.21 1.06 0.00	15.12 0.92 0.00	14.93 0.90 0.00	15.17 0.89 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.07 0.87 -10.76	29.76 1.08 -14.54	35.06 1.53 -12.23	36.55 1.65 -13.52	29.45 1.36 -6.77	24.03 1.39 -3.34	20.31 1.37 -0.49	18.06 1.20 0.00
GOWANUS_GT4_3 24132	17.63 1.18 0.00	16.21 1.06 0.00	15.12 0.92 0.00	14.93 0.90 0.00	15.17 0.89 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.07 0.87 -10.76	29.76 1.08 -14.54	35.06 1.53 -12.23	36.55 1.65 -13.52	29.45 1.36 -6.77	24.03 1.39 -3.34	20.31 1.37 -0.49	18.06 1.20 0.00
GOWANUS_GT4_4 24133	17.63 1.18 0.00	16.21 1.06 0.00	15.12 0.92 0.00	14.93 0.90 0.00	15.17 0.89 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.07 0.87 -10.76	29.76 1.08 -14.54	35.06 1.53 -12.23	36.55 1.65 -13.52	29.45 1.36 -6.77	24.03 1.39 -3.34	20.31 1.37 -0.49	18.06 1.20 0.00
GOWANUS_GT4_5 24134	17.63 1.18 0.00	16.21 1.06 0.00	15.12 0.92 0.00	14.93 0.90 0.00	15.17 0.89 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.07 0.87 -10.76	29.76 1.08 -14.54	35.06 1.53 -12.23	36.55 1.65 -13.52	29.45 1.36 -6.77	24.03 1.39 -3.34	20.31 1.37 -0.49	18.06 1.20 0.00
GOWANUS_GT4_6 24135	17.63 1.18 0.00	16.21 1.06 0.00	15.12 0.92 0.00	14.93 0.90 0.00	15.17 0.89 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.07 0.87 -10.76	29.76 1.08 -14.54	35.06 1.53 -12.23	36.55 1.65 -13.52	29.45 1.36 -6.77	24.03 1.39 -3.34	20.31 1.37 -0.49	18.06 1.20 0.00

GOWANUS_GT4_7 24136	17.63 1.18 0.00	16.21 1.06 0.00	15.12 0.92 0.00	14.93 0.90 0.00	15.17 0.89 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.07 0.87 -10.76	29.76 1.08 -14.54	35.06 1.53 -12.23	36.55 1.65 -13.52	29.45 1.36 -6.77	24.03 1.39 -3.34	20.31 1.37 -0.49	18.06 1.20 0.00
GOWANUS_GT4_8 24137	17.63 1.18 0.00	16.21 1.06 0.00	15.12 0.92 0.00	14.93 0.90 0.00	15.17 0.89 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.07 0.87 -10.76	29.76 1.08 -14.54	35.06 1.53 -12.23	36.55 1.65 -13.52	29.45 1.36 -6.77	24.03 1.39 -3.34	20.31 1.37 -0.49	18.06 1.20 0.00
GREENBSH_115KV_TB3 55895	16.82 0.38 0.00	15.54 0.39 0.00	14.54 0.34 0.00	14.34 0.31 0.00	14.60 0.31 0.00	15.13 0.35 0.00	18.91 0.36 -2.36	19.56 0.37 -2.29	19.77 0.30 -5.22	19.80 0.28 -5.36	18.89 0.32 -4.15	17.24 0.34 -2.25	17.65 0.28 -5.13	17.58 0.25 -6.65	17.30 0.28 -5.55	17.79 0.29 -5.33	24.55 0.24 -12.87	33.13 0.30 -18.68	37.48 0.47 -15.72	35.83 0.47 -13.98	30.49 0.47 -8.70	24.00 0.41 -4.29	19.47 0.39 -0.63	17.21 0.35 0.00
GREENDGE_115KV_TB5 80291	16.56 0.12 0.00	15.25 0.11 0.00	14.17 -0.03 0.00	14.07 0.04 0.00	14.39 0.10 0.00	14.85 0.07 0.00	16.52 -0.03 -0.35	17.18 0.02 -0.26	14.85 0.01 -0.59	14.87 0.03 -0.68	14.82 0.00 -0.39	14.73 0.00 -0.08	12.81 0.05 -0.52	11.43 0.04 -0.70	12.04 0.08 -0.49	12.66 0.10 -0.40	13.38 0.09 -1.85	17.09 0.14 -2.80	23.86 0.21 -2.35	23.56 0.36 -1.81	22.84 0.21 -1.30	20.12 0.17 -0.64	18.74 0.18 -0.09	17.21 0.35 0.00
GREENIDGE___3 23582	16.56 0.12 0.00	15.25 0.11 0.00	14.17 -0.03 0.00	14.07 0.04 0.00	14.39 0.10 0.00	14.85 0.07 0.00	16.52 -0.03 -0.35	17.18 0.02 -0.26	14.85 0.01 -0.59	14.87 0.03 -0.68	14.82 0.00 -0.39	14.73 0.00 -0.08	12.81 0.05 -0.52	11.43 0.04 -0.70	12.04 0.08 -0.49	12.66 0.10 -0.40	13.38 0.09 -1.85	17.09 0.14 -2.80	23.86 0.21 -2.35	23.56 0.36 -1.81	22.84 0.21 -1.30	20.12 0.17 -0.64	18.74 0.18 -0.09	17.21 0.35 0.00
GREENIDGE___4 23583	16.56 0.12 0.00	15.28 0.14 0.00	14.19 -0.01 0.00	14.07 0.04 0.00	14.39 0.10 0.00	14.85 0.07 0.00	16.52 -0.03 -0.35	17.18 0.02 -0.26	14.85 0.01 -0.59	14.87 0.03 -0.68	14.82 0.00 -0.39	14.73 0.00 -0.08	12.81 0.05 -0.52	11.43 0.04 -0.70	12.04 0.08 -0.49	12.65 0.10 -0.40	13.38 0.09 -1.85	17.09 0.14 -2.80	23.86 0.21 -2.35	23.56 0.36 -1.81	22.83 0.21 -1.30	20.12 0.17 -0.64	18.74 0.18 -0.09	17.21 0.35 0.00
GREENLWN_69_KV_BK 3 55738	17.78 1.33 0.00	16.25 1.11 0.00	15.12 0.92 0.00	14.87 0.84 0.00	15.22 0.93 0.00	15.83 1.05 0.00	19.31 1.28 -1.83	20.84 1.40 -2.54	21.28 1.14 -5.89	20.59 1.15 -5.29	21.00 1.20 -5.38	19.91 1.10 -4.16	19.52 0.94 -6.34	19.49 0.88 -7.92	20.01 0.96 -7.57	21.20 1.08 -7.95	24.26 1.09 -11.74	29.88 1.19 -14.54	35.28 1.75 -12.23	36.69 1.80 -13.51	29.92 1.81 -6.79	25.89 1.78 -4.80	20.75 1.79 -0.51	18.48 1.60 -0.02
GREENWD_138_KV_38B11_REV_LBMP_J 345004	17.63 1.18 0.00	16.21 1.06 0.00	15.12 0.92 0.00	14.93 0.90 0.00	15.17 0.89 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.07 0.87 -10.76	29.76 1.08 -14.54	35.06 1.53 -12.23	36.55 1.65 -13.52	29.45 1.36 -6.77	24.03 1.39 -3.34	20.31 1.37 -0.49	18.06 1.20 0.00
GRISSOM___SOLAR 323813	18.17 1.73 0.00	16.74 1.59 0.00	15.69 1.49 0.00	15.49 1.46 0.00	15.76 1.47 0.00	16.41 1.63 0.00	20.45 1.81 -2.44	21.04 1.83 -2.32	21.05 1.53 -5.28	21.07 1.44 -5.47	19.93 1.36 -4.15	18.22 1.41 -2.16	18.60 1.22 -5.14	18.39 1.02 -6.68	18.13 1.15 -5.51	18.70 1.29 -5.25	26.02 1.31 -13.26	35.26 1.78 -19.33	40.65 3.09 -16.26	38.72 3.06 -14.28	33.18 2.86 -9.00	26.04 2.30 -4.44	21.27 2.16 -0.65	18.73 1.87 0.00
GROVEVILLE___HYD 323602	17.51 1.07 0.00	16.10 0.95 0.00	15.01 0.81 0.00	14.80 0.77 0.00	15.07 0.79 0.00	15.59 0.81 0.00	19.04 0.99 -1.86	20.49 1.10 -2.50	20.95 0.91 -5.79	20.29 0.89 -5.24	20.56 0.89 -5.24	19.55 0.91 -3.99	19.21 0.77 -6.20	19.12 0.67 -7.76	19.55 0.72 -7.36	20.62 0.77 -7.69	22.95 0.69 -10.82	29.75 0.89 -14.71	35.02 1.34 -12.38	36.29 1.48 -13.43	29.49 1.32 -6.85	23.88 1.20 -3.38	20.12 1.16 -0.50	17.89 1.03 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	16.58 0.13 0.00	15.28 0.14 0.00	14.24 0.04 0.00	14.10 0.07 0.00	14.40 0.11 0.00	14.90 0.12 0.00	16.51 0.13 -0.18	17.20 0.17 -0.14	14.70 0.14 -0.31	14.67 0.16 -0.36	14.79 0.16 -0.21	14.86 0.16 -0.04	12.66 0.15 -0.27	11.18 0.13 -0.37	11.88 0.15 -0.25	12.53 0.16 -0.21	12.54 0.14 -0.96	15.80 0.20 -1.46	22.84 0.32 -1.23	22.71 0.38 -0.95	22.32 0.32 -0.68	19.91 0.27 -0.33	18.75 0.24 -0.05	17.10 0.24 0.00
HAMLTNNY_34_KV_TB 80303	16.51 0.07 0.00	15.21 0.06 0.00	14.17 -0.03 0.00	14.05 0.01 0.00	14.35 0.06 0.00	14.82 0.04 0.00	16.46 0.06 -0.20	17.14 0.10 -0.15	14.66 0.09 -0.33	14.64 0.10 -0.38	14.75 0.10 -0.22	14.80 0.10 -0.05	12.63 0.10 -0.29	11.17 0.09 -0.39	11.85 0.10 -0.27	12.49 0.11 -0.22	12.58 0.10 -1.04	15.86 0.14 -1.57	22.85 0.23 -1.32	22.72 0.32 -1.02	22.26 0.21 -0.73	19.86 0.19 -0.36	18.68 0.17 -0.05	17.04 0.19 0.00
HAMPSHIRE___PAPER_HYD 323593	16.49 0.05 0.00	15.22 0.08 0.00	14.26 0.06 0.00	14.06 0.03 0.00	14.30 0.01 0.00	14.78 0.00 0.00	16.10 -0.15 -0.05	18.56 -0.17 -1.83	15.70 -0.16 -1.61	15.62 -0.16 -1.62	16.27 -0.16 -2.01	16.77 -0.18 -2.30	14.22 -0.13 -2.11	12.56 -0.11 -1.98	13.35 -0.15 -2.02	14.07 -0.17 -2.08	12.79 -0.16 -1.52	15.88 -0.20 -1.93	23.71 -0.19 -2.60	23.69 -0.21 -2.52	23.57 -0.19 -2.44	21.27 -0.17 -2.14	20.24 -0.18 -1.97	18.49 -0.15 -1.78
HARDSCRABBLE_WT_PWR 323673	16.28 -0.16 0.00	14.96 -0.18 0.00	14.00 -0.20 0.00	13.81 -0.23 0.00	14.04 -0.24 0.00	14.53 -0.25 0.00	15.92 -0.28 0.00	16.61 -0.29 0.00	13.98 -0.27 0.00	13.83 -0.32 0.00	14.08 -0.35 0.00	14.29 -0.37 0.00	11.95 -0.29 0.00	10.44 -0.25 0.00	11.20 -0.28 0.00	11.88 -0.28 0.00	11.21 -0.23 0.00	13.92 -0.23 0.00	21.00 -0.30 0.00	21.13 -0.26 0.00	21.06 -0.25 0.00	19.06 -0.25 0.00	18.20 -0.26 0.00	16.66 -0.20 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	17.43 0.99 0.00	16.01 0.86 0.00	14.94 0.74 0.00	14.73 0.70 0.00	15.00 0.71 0.00	15.53 0.75 0.00	18.71 0.92 -1.59	20.57 1.01 -2.66	21.30 0.84 -6.21	20.24 0.84 -5.25	21.22 0.84 -5.96	20.57 0.85 -5.06	19.88 0.72 -6.92	19.86 0.64 -8.53	20.69 0.69 -8.52	22.08 0.73 -9.19	21.89 0.67 -9.78	27.61 0.86 -12.59	33.17 1.28 -10.59	36.07 1.39 -13.30	28.44 1.26 -5.87	23.34 1.14 -2.89	19.99 1.11 -0.42	17.84 0.98 0.00

HARSNRAD_115KV_TB1 81005	15.84 -0.61 0.00	14.62 -0.53 0.00	13.56 -0.64 0.00	13.56 -0.48 0.00	13.79 -0.50 0.00	14.23 -0.55 0.00	15.62 -0.84 -0.27	16.18 -0.91 -0.20	14.02 -0.68 -0.45	14.02 -0.67 -0.53	14.02 -0.71 -0.30	14.03 -0.69 -0.06	12.25 -0.39 -0.40	10.89 -0.34 -0.54	11.54 -0.31 -0.37	12.14 -0.33 -0.30	12.53 -0.33 -1.42	15.76 -0.55 -2.16	22.01 -1.11 -1.82	21.89 -0.90 -1.40	21.28 -1.04 -1.01	18.93 -0.87 -0.50	17.90 -0.63 -0.07	16.61 -0.25 0.00
HARZA MOOSE__RIVER 24016	16.77 0.33 0.00	15.48 0.33 0.00	14.44 0.24 0.00	14.29 0.25 0.00	14.56 0.27 0.00	15.05 0.27 0.00	16.40 0.13 -0.07	17.62 0.15 -0.57	14.92 0.11 -0.56	14.83 0.10 -0.58	15.14 0.07 -0.64	15.39 0.06 -0.68	12.99 0.06 -0.69	11.44 0.07 -0.68	12.19 0.06 -0.66	12.88 0.05 -0.66	12.22 0.06 -0.72	15.28 0.14 -0.99	22.69 0.28 -1.12	22.72 0.32 -1.01	22.55 0.32 -0.91	20.26 0.23 -0.72	19.21 0.17 -0.58	17.58 0.20 -0.52
HDSNBRDG_115KV_BRDG_TB1 355580	16.41 -0.03 0.00	15.12 -0.03 0.00	14.10 -0.10 0.00	13.96 -0.07 0.00	14.26 -0.03 0.00	14.74 -0.04 0.00	16.33 -0.03 -0.17	17.00 -0.02 -0.13	14.52 -0.01 -0.28	14.48 0.00 -0.33	14.61 0.00 -0.19	14.69 0.00 -0.04	12.50 0.01 -0.25	11.03 0.01 -0.34	11.73 0.02 -0.23	12.38 0.02 -0.19	12.33 0.01 -0.88	15.51 0.03 -1.34	22.47 0.04 -1.12	22.36 0.11 -0.87	21.98 0.04 -0.62	19.63 0.02 -0.31	18.52 0.02 -0.05	16.89 0.03 0.00
HELLGATE_13_KV_LD 55870	17.60 1.15 0.00	16.19 1.05 0.00	15.11 0.91 0.00	14.90 0.87 0.00	15.16 0.87 0.00	15.71 0.93 0.00	19.18 1.15 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.50 0.92 -6.34	19.42 0.80 -7.93	19.91 0.86 -7.57	21.02 0.90 -7.96	23.06 0.86 -10.76	29.72 1.03 -14.54	34.97 1.45 -12.23	36.46 1.56 -13.52	29.43 1.34 -6.77	24.02 1.37 -3.34	20.29 1.35 -0.49	18.04 1.18 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	17.60 1.15 0.00	16.19 1.05 0.00	15.11 0.91 0.00	14.90 0.87 0.00	15.16 0.87 0.00	15.71 0.93 0.00	19.18 1.15 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.50 0.92 -6.34	19.42 0.80 -7.93	19.91 0.86 -7.57	21.02 0.90 -7.96	23.06 0.86 -10.76	29.72 1.03 -14.54	34.97 1.45 -12.23	36.46 1.56 -13.52	29.43 1.34 -6.77	24.02 1.37 -3.34	20.29 1.35 -0.49	18.04 1.18 0.00
HEMPSTEAD____ 23647	17.63 1.18 0.00	16.13 0.98 0.00	15.02 0.82 0.00	14.80 0.77 0.00	15.06 0.77 0.00	15.73 0.95 0.00	19.18 1.15 -1.83	20.70 1.27 -2.54	21.18 1.04 -5.89	20.47 1.03 -5.29	20.88 1.08 -5.38	19.82 1.01 -4.16	19.45 0.87 -6.34	19.40 0.79 -7.92	19.92 0.87 -7.57	21.07 0.96 -7.95	24.14 0.96 -11.74	29.81 1.12 -14.54	35.22 1.68 -12.23	36.65 1.75 -13.51	29.79 1.68 -6.79	25.67 1.56 -4.80	20.53 1.57 -0.51	18.27 1.40 -0.02
HEWLETT__69_KV_BK3 55828	17.76 1.32 0.00	16.27 1.12 0.00	15.14 0.94 0.00	14.89 0.86 0.00	15.22 0.93 0.00	15.83 1.05 0.00	19.29 1.26 -1.83	20.84 1.40 -2.54	21.27 1.13 -5.89	20.57 1.13 -5.29	20.96 1.15 -5.38	19.88 1.07 -4.16	19.50 0.92 -6.34	19.45 0.84 -7.92	19.96 0.92 -7.57	21.15 1.03 -7.95	24.19 1.02 -11.74	29.88 1.19 -14.54	35.30 1.77 -12.23	36.78 1.88 -13.51	29.92 1.81 -6.79	25.85 1.74 -4.80	20.72 1.75 -0.51	18.43 1.55 -0.02
HICKLING__1 23621	16.64 0.20 0.00	15.33 0.18 0.00	14.23 0.03 0.00	14.14 0.11 0.00	14.46 0.17 0.00	14.93 0.15 0.00	16.52 -0.13 -0.45	17.11 -0.12 -0.34	14.92 -0.09 -0.75	14.96 -0.07 -0.88	14.83 -0.10 -0.50	14.64 -0.12 -0.10	12.89 -0.01 -0.66	11.58 -0.01 -0.90	12.12 0.02 -0.62	12.69 0.02 -0.51	13.83 0.02 -2.37	17.75 0.01 -3.59	24.27 -0.04 -3.02	23.84 0.13 -2.32	23.03 0.04 -1.67	20.15 0.02 -0.82	18.67 0.09 -0.12	17.33 0.47 0.00
HICKLING__2 23622	16.64 0.20 0.00	15.33 0.18 0.00	14.23 0.03 0.00	14.14 0.11 0.00	14.46 0.17 0.00	14.93 0.15 0.00	16.52 -0.13 -0.45	17.11 -0.12 -0.34	14.92 -0.09 -0.75	14.96 -0.07 -0.88	14.83 -0.10 -0.50	14.64 -0.12 -0.10	12.89 -0.01 -0.66	11.58 -0.01 -0.90	12.12 0.02 -0.62	12.69 0.02 -0.51	13.83 0.02 -2.37	17.75 0.01 -3.59	24.27 -0.04 -3.02	23.84 0.13 -2.32	23.03 0.04 -1.67	20.15 0.02 -0.82	18.67 0.09 -0.12	17.33 0.47 0.00
HIGH FALLS__HY 23754	17.51 1.07 0.00	16.07 0.92 0.00	14.97 0.77 0.00	14.78 0.74 0.00	15.05 0.76 0.00	15.55 0.77 0.00	18.99 0.97 -1.83	19.99 1.08 -2.01	19.75 0.90 -4.61	19.51 0.86 -4.50	19.16 0.87 -3.88	18.01 0.88 -2.48	17.67 0.73 -4.69	17.33 0.65 -5.99	17.47 0.70 -5.29	18.20 0.74 -5.30	22.31 0.67 -10.20	29.51 0.89 -14.47	34.79 1.32 -12.17	34.50 1.48 -11.64	29.38 1.32 -6.74	23.81 1.18 -3.32	20.11 1.16 -0.49	17.87 1.01 0.00
HILLBURN__GT 23639	17.45 1.00 0.00	16.01 0.86 0.00	14.95 0.75 0.00	14.76 0.73 0.00	15.03 0.74 0.00	15.56 0.78 0.00	18.80 0.97 -1.63	20.79 1.05 -2.85	21.80 0.88 -6.67	20.60 0.88 -5.57	21.76 0.88 -6.46	21.13 0.89 -5.58	20.48 0.76 -7.48	20.56 0.67 -9.20	21.47 0.72 -9.27	22.97 0.77 -10.04	22.32 0.72 -10.16	28.00 0.91 -12.94	33.48 1.30 -10.89	36.88 1.41 -14.08	28.65 1.30 -6.03	23.48 1.20 -2.97	20.06 1.16 -0.44	17.87 1.01 0.00
HILLSIDE_115KV_TB1 80332	16.49 0.05 0.00	15.19 0.05 0.00	14.13 -0.07 0.00	14.05 0.01 0.00	14.33 0.04 0.00	14.79 0.01 0.00	16.39 -0.28 -0.47	16.97 -0.27 -0.35	14.81 -0.21 -0.78	14.86 -0.20 -0.91	14.72 -0.23 -0.52	14.53 -0.23 -0.11	12.81 -0.12 -0.69	11.51 -0.11 -0.93	12.04 -0.08 -0.64	12.60 -0.09 -0.52	13.80 -0.09 -2.45	17.75 -0.11 -3.71	24.16 -0.26 -3.12	23.68 -0.11 -2.41	22.86 -0.19 -1.73	19.99 -0.17 -0.85	18.47 -0.11 -0.12	17.15 0.29 0.00
HISHELDN_WT_PWR 323625	16.05 -0.39 0.00	14.83 -0.32 0.00	13.75 -0.46 0.00	13.67 -0.36 0.00	13.92 -0.37 0.00	14.37 -0.41 0.00	15.64 -0.87 -0.32	16.22 -0.91 -0.24	14.06 -0.73 -0.54	14.06 -0.72 -0.63	13.99 -0.79 -0.36	13.92 -0.81 -0.07	12.20 -0.51 -0.47	10.87 -0.46 -0.64	11.48 -0.44 -0.44	12.06 -0.46 -0.36	12.68 -0.45 -1.69	16.07 -0.64 -2.56	22.28 -1.17 -2.15	22.08 -0.96 -1.66	21.45 -1.07 -1.19	19.01 -0.89 -0.59	17.88 -0.66 -0.09	16.78 -0.08 0.00
HOLTSVILLE_IC_1 23690	18.01 1.56 0.00	16.43 1.29 0.00	15.28 1.08 0.00	15.03 1.00 0.00	15.30 1.01 0.00	16.03 1.26 0.00	19.54 1.51 -1.83	21.06 1.62 -2.54	21.44 1.30 -5.89	20.73 1.29 -5.29	21.14 1.34 -5.38	20.02 1.20 -4.16	19.59 1.00 -6.34	19.55 0.94 -7.92	20.09 1.04 -7.57	21.31 1.19 -7.95	24.43 1.26 -11.74	30.18 1.49 -14.54	35.84 2.30 -12.24	37.26 2.35 -13.52	30.45 2.32 -6.81	26.18 2.07 -4.80	21.09 2.12 -0.51	18.81 1.94 -0.02
HOLTSVILLE_IC_10 23699	18.09 1.64 0.00	16.51 1.36 0.00	15.34 1.14 0.00	15.09 1.05 0.00	15.36 1.07 0.00	16.09 1.31 0.00	19.62 1.59 -1.83	21.14 1.71 -2.54	21.49 1.35 -5.89	20.80 1.36 -5.29	21.20 1.40 -5.38	20.09 1.27 -4.16	19.63 1.05 -6.34	19.60 0.99 -7.92	20.15 1.10 -7.57	21.38 1.26 -7.95	24.50 1.33 -11.74	30.28 1.58 -14.54	35.99 2.45 -12.25	37.41 2.50 -13.53	30.60 2.47 -6.81	26.29 2.18 -4.80	21.20 2.23 -0.51	18.91 2.04 -0.02

HOLTSVILLE_IC_2 23691	18.01 1.56 0.00	16.43 1.29 0.00	15.28 1.08 0.00	15.03 1.00 0.00	15.30 1.01 0.00	16.03 1.26 0.00	19.54 1.51 -1.83	21.06 1.62 -2.54	21.44 1.30 -5.89	20.73 1.29 -5.29	21.14 1.34 -5.38	20.02 1.20 -4.16	19.59 1.00 -6.34	19.55 0.94 -7.92	20.09 1.04 -7.57	21.31 1.19 -7.95	24.43 1.26 -11.74	30.18 1.49 -14.54	35.84 2.30 -12.24	37.26 2.35 -13.52	30.45 2.32 -6.81	26.18 2.07 -4.80	21.09 2.12 -0.51	18.81 1.94 -0.02
HOLTSVILLE_IC_3 23692	18.01 1.56 0.00	16.43 1.29 0.00	15.28 1.08 0.00	15.03 1.00 0.00	15.30 1.01 0.00	16.03 1.26 0.00	19.54 1.51 -1.83	21.06 1.62 -2.54	21.44 1.30 -5.89	20.73 1.29 -5.29	21.14 1.34 -5.38	20.02 1.20 -4.16	19.59 1.00 -6.34	19.55 0.94 -7.92	20.09 1.04 -7.57	21.31 1.19 -7.95	24.43 1.26 -11.74	30.18 1.49 -14.54	35.84 2.30 -12.24	37.26 2.35 -13.52	30.45 2.32 -6.81	26.18 2.07 -4.80	21.09 2.12 -0.51	18.81 1.94 -0.02
HOLTSVILLE_IC_4 23693	18.01 1.56 0.00	16.43 1.29 0.00	15.28 1.08 0.00	15.03 1.00 0.00	15.30 1.01 0.00	16.03 1.26 0.00	19.54 1.51 -1.83	21.06 1.62 -2.54	21.44 1.30 -5.89	20.73 1.29 -5.29	21.14 1.34 -5.38	20.02 1.20 -4.16	19.59 1.00 -6.34	19.55 0.94 -7.92	20.09 1.04 -7.57	21.31 1.19 -7.95	24.43 1.26 -11.74	30.18 1.49 -14.54	35.84 2.30 -12.24	37.26 2.35 -13.52	30.45 2.32 -6.81	26.18 2.07 -4.80	21.09 2.12 -0.51	18.81 1.94 -0.02
HOLTSVILLE_IC_5 23694	18.01 1.56 0.00	16.43 1.29 0.00	15.28 1.08 0.00	15.03 1.00 0.00	15.30 1.01 0.00	16.03 1.26 0.00	19.54 1.51 -1.83	21.06 1.62 -2.54	21.44 1.30 -5.89	20.73 1.29 -5.29	21.14 1.34 -5.38	20.02 1.20 -4.16	19.59 1.00 -6.34	19.55 0.94 -7.92	20.09 1.04 -7.57	21.31 1.19 -7.95	24.43 1.26 -11.74	30.18 1.49 -14.54	35.84 2.30 -12.24	37.26 2.35 -13.52	30.45 2.32 -6.81	26.18 2.07 -4.80	21.09 2.12 -0.51	18.81 1.94 -0.02
HOLTSVILLE_IC_6 23695	18.09 1.64 0.00	16.51 1.36 0.00	15.34 1.14 0.00	15.09 1.05 0.00	15.36 1.07 0.00	16.09 1.31 0.00	19.62 1.59 -1.83	21.14 1.71 -2.54	21.49 1.35 -5.89	20.80 1.36 -5.29	21.20 1.40 -5.38	20.09 1.27 -4.16	19.63 1.05 -6.34	19.60 0.99 -7.92	20.15 1.10 -7.57	21.38 1.26 -7.95	24.50 1.33 -11.74	30.28 1.58 -14.54	35.99 2.45 -12.25	37.41 2.50 -13.53	30.60 2.47 -6.81	26.29 2.18 -4.80	21.20 2.23 -0.51	18.91 2.04 -0.02
HOLTSVILLE_IC_7 23696	18.09 1.64 0.00	16.51 1.36 0.00	15.34 1.14 0.00	15.09 1.05 0.00	15.36 1.07 0.00	16.09 1.31 0.00	19.62 1.59 -1.83	21.14 1.71 -2.54	21.49 1.35 -5.89	20.80 1.36 -5.29	21.20 1.40 -5.38	20.09 1.27 -4.16	19.63 1.05 -6.34	19.60 0.99 -7.92	20.15 1.10 -7.57	21.38 1.26 -7.95	24.50 1.33 -11.74	30.28 1.58 -14.54	35.99 2.45 -12.25	37.41 2.50 -13.53	30.60 2.47 -6.81	26.29 2.18 -4.80	21.20 2.23 -0.51	18.91 2.04 -0.02
HOLTSVILLE_IC_8 23697	18.09 1.64 0.00	16.51 1.36 0.00	15.34 1.14 0.00	15.09 1.05 0.00	15.36 1.07 0.00	16.09 1.31 0.00	19.62 1.59 -1.83	21.14 1.71 -2.54	21.49 1.35 -5.89	20.80 1.36 -5.29	21.20 1.40 -5.38	20.09 1.27 -4.16	19.63 1.05 -6.34	19.60 0.99 -7.92	20.15 1.10 -7.57	21.38 1.26 -7.95	24.50 1.33 -11.74	30.28 1.58 -14.54	35.99 2.45 -12.25	37.41 2.50 -13.53	30.60 2.47 -6.81	26.29 2.18 -4.80	21.20 2.23 -0.51	18.91 2.04 -0.02
HOLTSVILLE_IC_9 23698	18.09 1.64 0.00	16.51 1.36 0.00	15.34 1.14 0.00	15.09 1.05 0.00	15.36 1.07 0.00	16.09 1.31 0.00	19.62 1.59 -1.83	21.14 1.71 -2.54	21.49 1.35 -5.89	20.80 1.36 -5.29	21.20 1.40 -5.38	20.09 1.27 -4.16	19.63 1.05 -6.34	19.60 0.99 -7.92	20.15 1.10 -7.57	21.38 1.26 -7.95	24.50 1.33 -11.74	30.28 1.58 -14.54	35.99 2.45 -12.25	37.41 2.50 -13.53	30.60 2.47 -6.81	26.29 2.18 -4.80	21.20 2.23 -0.51	18.91 2.04 -0.02
HOMER_HL_115KV_TB2 355744	16.51 0.07 0.00	15.19 0.05 0.00	14.10 -0.10 0.00	14.06 0.03 0.00	14.33 0.04 0.00	14.78 0.00 0.00	15.34 -1.18 -0.33	15.89 -1.25 -0.25	13.84 -0.95 -0.55	13.85 -0.95 -0.64	13.77 -1.02 -0.37	13.72 -1.01 -0.07	12.03 -0.70 -0.48	10.73 -0.62 -0.66	11.32 -0.61 -0.46	11.89 -0.64 -0.37	12.55 -0.62 -1.73	15.95 -0.82 -2.63	22.04 -1.47 -2.21	21.87 -1.22 -1.70	21.24 -1.30 -1.22	18.75 -1.16 -0.60	17.61 -0.94 -0.09	17.33 0.47 0.00
HOWARD_WT_PWR 323690	16.44 0.00 0.00	15.18 0.03 0.00	14.05 -0.16 0.00	13.95 -0.08 0.00	14.25 -0.04 0.00	14.69 -0.09 0.00	16.10 -0.47 -0.37	16.72 -0.46 -0.28	14.52 -0.36 -0.62	14.50 -0.38 -0.73	14.41 -0.43 -0.42	14.27 -0.47 -0.09	12.51 -0.28 -0.55	11.18 -0.26 -0.75	11.75 -0.24 -0.52	12.34 -0.24 -0.42	13.17 -0.23 -1.96	16.84 -0.28 -2.97	23.33 -0.47 -2.50	23.07 -0.23 -1.93	22.36 -0.34 -1.38	19.72 -0.27 -0.68	18.39 -0.17 -0.10	17.20 0.34 0.00
HQ_GEN_CEDARS 23644	16.18 -0.26 0.00	14.89 -0.26 0.00	14.06 -0.14 0.00	13.82 -0.21 0.00	14.05 -0.24 0.00	14.51 -0.27 0.00	15.86 -0.34 0.00	17.40 -0.39 -0.89	14.69 -0.31 -0.76	14.60 -0.31 -0.76	15.10 -0.29 -0.97	15.51 -0.28 -1.14	13.02 -0.23 -1.01	11.40 -0.21 -0.93	12.19 -0.25 -0.97	12.90 -0.27 -1.01	11.80 -0.25 -0.62	14.53 -0.37 -0.75	21.93 -0.49 -1.12	21.90 -0.60 -1.12	21.88 -0.55 -1.12	19.86 -0.46 -1.02	18.97 -0.46 -0.97	17.32 -0.42 -0.89
HQ_GEN_CEDARS_PROXY 323590	16.18 -0.26 0.00	14.90 -0.24 0.00	14.06 -0.14 0.00	13.82 -0.21 0.00	14.04 -0.24 0.00	14.51 -0.27 0.00	15.86 -0.34 0.00	17.40 -0.39 -0.89	14.69 -0.31 -0.76	14.60 -0.31 -0.76	15.10 -0.29 -0.97	15.51 -0.28 -1.14	13.02 -0.23 -1.01	11.40 -0.21 -0.93	12.19 -0.25 -0.97	12.90 -0.27 -1.01	11.80 -0.25 -0.62	14.53 -0.37 -0.75	21.93 -0.49 -1.12	21.93 -0.58 -1.12	21.88 -0.55 -1.12	19.86 -0.46 -1.02	18.97 -0.46 -0.97	17.32 -0.42 -0.89
HQ_GEN_IMPORT 323601	16.20 -0.25 0.00	14.92 -0.23 0.00	14.07 -0.13 0.00	13.88 -0.15 0.00	14.12 -0.17 0.00	14.59 -0.19 0.00	15.99 -0.21 0.00	16.66 -0.24 0.00	14.05 -0.20 0.00	13.96 -0.20 0.00	14.24 -0.19 0.00	14.46 -0.19 0.00	12.08 -0.16 0.00	10.54 -0.15 0.00	11.31 -0.16 0.00	11.99 -0.17 0.00	11.28 -0.16 0.00	13.94 -0.21 0.00	21.00 -0.30 0.00	21.00 -0.38 0.00	21.00 -0.32 0.00	19.02 -0.29 0.00	18.18 -0.28 0.00	16.59 -0.27 0.00
HQ_GEN_WHEEL 23651	16.20 -0.25 0.00	14.92 -0.23 0.00	14.07 -0.13 0.00	13.88 -0.15 0.00	14.12 -0.17 0.00	14.59 -0.19 0.00	15.99 -0.21 0.00	16.66 -0.24 0.00	14.05 -0.20 0.00	13.96 -0.20 0.00	14.24 -0.19 0.00	14.46 -0.19 0.00	12.08 -0.16 0.00	10.54 -0.15 0.00	11.31 -0.16 0.00	11.99 -0.17 0.00	11.28 -0.16 0.00	13.94 -0.21 0.00	21.00 -0.30 0.00	21.00 -0.38 0.00	21.00 -0.32 0.00	19.02 -0.29 0.00	18.18 -0.28 0.00	16.59 -0.27 0.00
HUDSON_AVE_GT_3 23810	17.56 1.12 0.00	16.14 1.00 0.00	15.08 0.88 0.00	14.87 0.84 0.00	15.12 0.83 0.00	15.67 0.89 0.00	19.15 1.12 -1.83	20.67 1.23 -2.54	21.17 1.03 -5.89	20.46 1.02 -5.29	20.83 1.02 -5.38	19.86 1.04 -4.17	19.48 0.89 -6.34	19.41 0.79 -7.93	19.89 0.84 -7.57	21.00 0.88 -7.96	23.04 0.83 -10.76	29.69 1.00 -14.54	34.93 1.41 -12.23	36.42 1.52 -13.52	29.47 1.39 -6.77	23.98 1.33 -3.34	20.26 1.31 -0.49	18.01 1.15 0.00

HUDSON AVE_GT_4 23540	17.56 1.12 0.00	16.14 1.00 0.00	15.08 0.88 0.00	14.87 0.84 0.00	15.12 0.83 0.00	15.67 0.89 0.00	19.15 1.12 -1.83	20.67 1.23 -2.54	21.17 1.03 -5.89	20.46 1.02 -5.29	20.83 1.02 -5.38	19.86 1.04 -4.17	19.48 0.89 -6.34	19.41 0.79 -7.93	19.89 0.84 -7.57	21.00 0.88 -7.96	23.04 0.83 -10.76	29.69 1.00 -14.54	34.93 1.41 -12.23	36.42 1.52 -13.52	29.47 1.39 -6.77	23.98 1.33 -3.34	20.26 1.31 -0.49	18.01 1.15 0.00
HUDSON AVE_GT_5 23657	17.56 1.12 0.00	16.14 1.00 0.00	15.08 0.88 0.00	14.87 0.84 0.00	15.12 0.83 0.00	15.67 0.89 0.00	19.15 1.12 -1.83	20.67 1.23 -2.54	21.17 1.03 -5.89	20.46 1.02 -5.29	20.83 1.02 -5.38	19.86 1.04 -4.17	19.48 0.89 -6.34	19.41 0.79 -7.93	19.89 0.84 -7.57	21.00 0.88 -7.96	23.04 0.83 -10.76	29.69 1.00 -14.54	34.93 1.41 -12.23	36.42 1.52 -13.52	29.47 1.39 -6.77	23.98 1.33 -3.34	20.26 1.31 -0.49	18.01 1.15 0.00
HUDSON_AVE_10 24168	17.51 1.07 0.00	16.11 0.97 0.00	15.04 0.84 0.00	14.83 0.80 0.00	15.07 0.79 0.00	15.64 0.86 0.00	19.11 1.09 -1.83	20.64 1.20 -2.54	21.15 1.01 -5.89	20.43 0.99 -5.29	20.79 0.98 -5.38	19.82 1.00 -4.17	19.44 0.86 -6.34	19.37 0.76 -7.93	19.85 0.80 -7.57	20.97 0.85 -7.96	23.00 0.80 -10.76	29.65 0.96 -14.54	34.87 1.34 -12.23	36.35 1.45 -13.52	29.41 1.32 -6.77	23.94 1.29 -3.34	20.22 1.27 -0.49	17.95 1.10 0.00
HUDSON___115KV_TB 4 355613	17.05 0.61 0.00	15.74 0.59 0.00	14.71 0.51 0.00	14.52 0.49 0.00	14.79 0.50 0.00	15.30 0.52 0.00	19.04 0.55 -2.29	19.74 0.57 -2.27	19.89 0.46 -5.18	19.86 0.42 -5.28	19.03 0.45 -4.16	17.43 0.45 -2.32	17.74 0.38 -5.12	17.63 0.32 -6.62	17.42 0.37 -5.58	17.97 0.40 -5.40	24.35 0.35 -12.56	32.82 0.50 -18.18	37.42 0.83 -15.29	35.98 0.86 -13.74	30.57 0.79 -8.46	24.12 0.64 -4.17	19.68 0.61 -0.61	17.42 0.56 0.00
HUNTER MOUNT___DRP 323613	17.09 0.64 0.00	15.75 0.61 0.00	14.73 0.53 0.00	14.54 0.51 0.00	14.80 0.51 0.00	15.30 0.52 0.00	18.95 0.53 -2.22	19.72 0.57 -2.25	19.82 0.43 -5.15	19.74 0.40 -5.19	19.02 0.42 -4.18	17.49 0.42 -2.42	17.70 0.34 -5.12	17.59 0.30 -6.60	17.44 0.33 -5.63	18.02 0.36 -5.50	23.98 0.32 -12.22	32.23 0.48 -17.60	36.96 0.85 -14.81	35.76 0.88 -13.49	30.31 0.79 -8.20	23.97 0.62 -4.04	19.62 0.57 -0.59	17.38 0.52 0.00
HUNTINGTON_RES_REC 323705	17.89 1.45 0.00	16.34 1.20 0.00	15.20 0.99 0.00	14.96 0.93 0.00	15.22 0.93 0.00	15.93 1.15 0.00	19.42 1.39 -1.83	20.96 1.52 -2.54	21.37 1.23 -5.89	20.67 1.23 -5.29	21.08 1.28 -5.38	19.99 1.17 -4.16	19.57 0.99 -6.34	19.54 0.93 -7.92	20.06 1.02 -7.57	21.28 1.17 -7.95	24.38 1.20 -11.74	30.05 1.36 -14.54	35.58 2.07 -12.22	36.98 2.10 -13.50	30.21 2.11 -6.78	26.08 1.97 -4.80	20.96 1.99 -0.51	18.68 1.80 -0.02
HUNTLEY___63 23557	15.93 -0.51 0.00	14.69 -0.45 0.00	13.63 -0.57 0.00	13.61 -0.42 0.00	13.86 -0.43 0.00	14.29 -0.49 0.00	15.66 -0.81 -0.27	16.22 -0.88 -0.20	14.07 -0.64 -0.46	14.07 -0.62 -0.54	14.05 -0.68 -0.31	14.06 -0.64 -0.06	12.30 -0.34 -0.41	10.94 -0.30 -0.55	11.59 -0.28 -0.39	12.18 -0.29 -0.31	12.61 -0.30 -1.47	15.88 -0.51 -2.24	22.10 -1.09 -1.89	22.00 -0.83 -1.45	21.38 -0.98 -1.04	19.01 -0.81 -0.51	17.96 -0.57 -0.08	16.72 -0.13 0.00
HUNTLEY___64 23558	15.93 -0.51 0.00	14.69 -0.45 0.00	13.63 -0.57 0.00	13.61 -0.42 0.00	13.86 -0.43 0.00	14.29 -0.49 0.00	15.66 -0.81 -0.27	16.22 -0.88 -0.20	14.07 -0.64 -0.46	14.07 -0.62 -0.54	14.05 -0.68 -0.31	14.06 -0.64 -0.06	12.30 -0.34 -0.41	10.94 -0.30 -0.55	11.59 -0.28 -0.39	12.18 -0.29 -0.31	12.61 -0.30 -1.47	15.88 -0.51 -2.24	22.10 -1.09 -1.89	22.00 -0.83 -1.45	21.38 -0.98 -1.04	19.01 -0.81 -0.51	17.96 -0.57 -0.08	16.72 -0.13 0.00
HUNTLEY___65 23559	15.93 -0.51 0.00	14.69 -0.45 0.00	13.63 -0.57 0.00	13.61 -0.42 0.00	13.86 -0.43 0.00	14.29 -0.49 0.00	15.66 -0.81 -0.27	16.22 -0.88 -0.20	14.07 -0.64 -0.46	14.07 -0.62 -0.54	14.05 -0.68 -0.31	14.06 -0.64 -0.06	12.30 -0.34 -0.41	10.94 -0.30 -0.55	11.59 -0.28 -0.39	12.18 -0.29 -0.31	12.61 -0.30 -1.47	15.88 -0.51 -2.24	22.10 -1.09 -1.89	22.00 -0.83 -1.45	21.38 -0.98 -1.04	19.01 -0.81 -0.51	17.96 -0.57 -0.08	16.72 -0.13 0.00
HUNTLEY___66 23560	15.93 -0.51 0.00	14.69 -0.45 0.00	13.63 -0.57 0.00	13.61 -0.42 0.00	13.86 -0.43 0.00	14.29 -0.49 0.00	15.66 -0.81 -0.27	16.22 -0.88 -0.20	14.07 -0.64 -0.46	14.07 -0.62 -0.54	14.05 -0.68 -0.31	14.06 -0.64 -0.06	12.30 -0.34 -0.41	10.94 -0.30 -0.55	11.59 -0.28 -0.39	12.18 -0.29 -0.31	12.61 -0.30 -1.47	15.88 -0.51 -2.24	22.10 -1.09 -1.89	22.00 -0.83 -1.45	21.38 -0.98 -1.04	19.01 -0.81 -0.51	17.96 -0.57 -0.08	16.72 -0.13 0.00
HUNTLEY___67 23561	15.90 -0.54 0.00	14.65 -0.50 0.00	13.59 -0.61 0.00	13.58 -0.45 0.00	13.83 -0.46 0.00	14.28 -0.50 0.00	15.63 -0.86 -0.29	16.20 -0.91 -0.22	14.05 -0.68 -0.48	14.05 -0.67 -0.56	14.03 -0.72 -0.32	14.03 -0.69 -0.07	12.26 -0.40 -0.43	10.91 -0.35 -0.58	11.55 -0.32 -0.40	12.15 -0.34 -0.32	12.61 -0.34 -1.52	15.88 -0.57 -2.30	22.08 -1.15 -1.93	21.95 -0.92 -1.49	21.35 -1.04 -1.07	18.95 -0.89 -0.53	17.89 -0.65 -0.08	16.69 -0.17 0.00
HUNTLEY___68 23562	15.90 -0.54 0.00	14.65 -0.50 0.00	13.59 -0.61 0.00	13.58 -0.45 0.00	13.83 -0.46 0.00	14.28 -0.50 0.00	15.63 -0.86 -0.29	16.20 -0.91 -0.22	14.05 -0.68 -0.48	14.05 -0.67 -0.56	14.03 -0.72 -0.32	14.03 -0.69 -0.07	12.26 -0.40 -0.43	10.91 -0.35 -0.58	11.55 -0.32 -0.40	12.15 -0.34 -0.32	12.61 -0.34 -1.52	15.88 -0.57 -2.30	22.08 -1.15 -1.93	21.95 -0.92 -1.49	21.35 -1.04 -1.07	18.95 -0.89 -0.53	17.89 -0.65 -0.08	16.69 -0.17 0.00
HYLAND___LFGE 323620	16.86 0.41 0.00	15.58 0.44 0.00	14.39 0.18 0.00	14.27 0.24 0.00	14.57 0.29 0.00	15.03 0.25 0.00	16.67 0.16 -0.31	17.36 0.24 -0.23	14.92 0.16 -0.51	14.82 0.07 -0.60	14.80 0.03 -0.34	14.72 0.00 -0.07	12.77 0.07 -0.45	11.36 0.06 -0.61	12.00 0.10 -0.42	12.68 0.17 -0.35	13.27 0.22 -1.61	16.93 0.34 -2.44	24.10 0.75 -2.06	23.93 0.96 -1.58	23.12 0.66 -1.14	20.49 0.62 -0.56	19.11 0.57 -0.08	17.60 0.74 0.00
INDECK___CORINTH 23802	17.58 1.13 0.00	16.16 1.01 0.00	15.12 0.92 0.00	14.93 0.90 0.00	15.20 0.92 0.00	15.78 1.01 0.00	19.72 1.10 -2.42	20.21 1.00 -2.32	20.38 0.85 -5.27	20.54 0.93 -5.45	19.51 0.92 -4.16	17.78 0.94 -2.19	18.17 0.78 -5.15	18.03 0.65 -6.69	17.62 0.61 -5.54	18.12 0.67 -5.29	25.30 0.67 -13.19	34.20 0.85 -19.20	39.09 1.64 -16.15	37.26 1.65 -14.23	31.95 1.68 -8.94	25.11 1.39 -4.41	20.41 1.31 -0.65	18.01 1.15 0.00
INDECK___ILION 23567	16.44 0.00 0.00	15.15 0.00 0.00	14.17 -0.03 0.00	14.00 -0.03 0.00	14.26 -0.03 0.00	14.75 -0.03 0.00	16.16 -0.03 0.00	16.86 -0.03 0.00	14.19 -0.06 0.00	14.08 -0.07 0.00	14.34 -0.09 0.00	14.55 -0.10 0.00	12.17 -0.07 0.00	10.63 -0.05 0.00	11.41 -0.07 0.00	12.09 -0.07 0.00	11.38 -0.06 0.00	14.12 -0.03 0.00	21.26 -0.04 0.00	21.38 0.00 0.00	21.32 0.00 0.00	19.29 -0.02 0.00	18.42 -0.04 0.00	16.84 -0.02 0.00

INDECK___OLEAN 23982	16.51 0.07 0.00	15.25 0.11 0.00	14.15 -0.06 0.00	14.06 0.03 0.00	14.33 0.04 0.00	14.78 0.00 0.00	15.33 -1.20 -0.33	15.89 -1.25 -0.25	13.83 -0.97 -0.55	13.85 -0.95 -0.64	13.77 -1.02 -0.37	13.72 -1.01 -0.07	12.03 -0.70 -0.48	10.73 -0.62 -0.66	11.32 -0.61 -0.46	11.89 -0.64 -0.37	12.55 -0.62 -1.73	15.94 -0.83 -2.63	22.04 -1.47 -2.21	21.84 -1.24 -1.70	21.20 -1.34 -1.22	18.73 -1.18 -0.60	17.61 -0.94 -0.09	17.33 0.47 0.00
INDECK___OSWEGO 23783	16.79 0.35 0.00	15.48 0.33 0.00	14.41 0.21 0.00	14.27 0.24 0.00	14.59 0.30 0.00	15.06 0.28 0.00	16.66 0.31 -0.15	17.38 0.37 -0.12	14.82 0.31 -0.26	14.78 0.33 -0.30	14.94 0.35 -0.17	15.04 0.35 -0.04	12.79 0.32 -0.23	11.27 0.28 -0.31	12.00 0.31 -0.21	12.65 0.32 -0.17	12.52 0.27 -0.81	15.77 0.40 -1.23	22.97 0.64 -1.03	22.91 0.73 -0.79	22.55 0.66 -0.57	20.15 0.56 -0.28	18.98 0.48 -0.04	17.31 0.46 0.00
INDECK___YERKES 23781	15.95 -0.49 0.00	14.81 -0.33 0.00	13.70 -0.50 0.00	13.63 -0.41 0.00	13.87 -0.41 0.00	14.31 -0.47 0.00	15.64 -0.83 -0.27	16.24 -0.86 -0.20	14.07 -0.64 -0.46	14.07 -0.62 -0.54	14.07 -0.66 -0.31	14.08 -0.63 -0.06	12.30 -0.34 -0.41	10.94 -0.30 -0.55	11.60 -0.26 -0.39	12.19 -0.28 -0.31	12.62 -0.29 -1.47	15.90 -0.50 -2.24	22.12 -1.06 -1.89	22.00 -0.83 -1.45	21.38 -0.98 -1.04	19.01 -0.81 -0.51	17.98 -0.55 -0.08	16.74 -0.12 0.00
INDIAN POINT_GT_1 24139	17.45 1.00 0.00	16.04 0.89 0.00	14.98 0.78 0.00	14.78 0.74 0.00	15.05 0.76 0.00	15.59 0.81 0.00	18.97 0.99 -1.78	20.56 1.08 -2.59	21.17 0.91 -6.01	20.37 0.91 -5.31	20.89 0.91 -5.55	19.99 0.92 -4.41	19.55 0.78 -6.52	19.49 0.68 -8.12	20.06 0.73 -7.85	21.25 0.78 -8.31	22.74 0.72 -10.58	29.19 0.91 -14.14	34.49 1.30 -11.89	36.34 1.41 -13.54	29.20 1.30 -6.58	23.75 1.20 -3.25	20.10 1.16 -0.48	17.89 1.03 0.00
INDIAN POINT_GT_2 23659	17.45 1.00 0.00	16.04 0.89 0.00	14.98 0.78 0.00	14.78 0.74 0.00	15.05 0.76 0.00	15.59 0.81 0.00	18.97 0.99 -1.78	20.56 1.08 -2.59	21.17 0.91 -6.01	20.37 0.91 -5.31	20.89 0.91 -5.55	19.99 0.92 -4.41	19.55 0.78 -6.52	19.49 0.68 -8.12	20.06 0.73 -7.85	21.25 0.78 -8.31	22.74 0.72 -10.58	29.19 0.91 -14.14	34.49 1.30 -11.89	36.34 1.41 -13.54	29.20 1.30 -6.58	23.75 1.20 -3.25	20.10 1.16 -0.48	17.89 1.03 0.00
INDIAN POINT_GT_3 24019	17.45 1.00 0.00	16.04 0.89 0.00	14.98 0.78 0.00	14.78 0.74 0.00	15.05 0.76 0.00	15.59 0.81 0.00	18.97 0.99 -1.78	20.56 1.08 -2.59	21.17 0.91 -6.01	20.37 0.91 -5.31	20.89 0.91 -5.55	19.99 0.92 -4.41	19.55 0.78 -6.52	19.49 0.68 -8.12	20.06 0.73 -7.85	21.25 0.78 -8.31	22.74 0.72 -10.58	29.19 0.91 -14.14	34.49 1.30 -11.89	36.34 1.41 -13.54	29.20 1.30 -6.58	23.75 1.20 -3.25	20.10 1.16 -0.48	17.89 1.03 0.00
INDIAN POINT___2 23530	17.43 0.99 0.00	16.01 0.86 0.00	14.94 0.74 0.00	14.75 0.72 0.00	15.02 0.73 0.00	15.56 0.78 0.00	18.90 0.97 -1.73	20.58 1.05 -2.63	21.26 0.88 -6.13	20.36 0.88 -5.33	21.05 0.88 -5.75	20.23 0.89 -4.68	19.73 0.77 -6.72	19.70 0.67 -8.34	20.36 0.72 -8.16	21.62 0.77 -8.70	22.54 0.72 -10.38	28.74 0.89 -13.70	34.10 1.28 -11.52	36.32 1.37 -13.56	28.96 1.26 -6.38	23.63 1.18 -3.14	20.06 1.14 -0.46	17.87 1.01 0.00
INDIAN POINT___3 23531	17.43 0.99 0.00	16.02 0.88 0.00	14.95 0.75 0.00	14.76 0.73 0.00	15.02 0.73 0.00	15.56 0.78 0.00	18.94 0.96 -1.78	20.53 1.05 -2.59	21.14 0.88 -6.01	20.34 0.88 -5.31	20.86 0.88 -5.55	19.96 0.89 -4.41	19.52 0.76 -6.52	19.48 0.67 -8.12	20.05 0.72 -7.85	21.24 0.77 -8.31	22.74 0.72 -10.59	29.17 0.88 -14.15	34.48 1.28 -11.90	36.30 1.37 -13.54	29.17 1.26 -6.59	23.73 1.18 -3.25	20.08 1.14 -0.48	17.87 1.01 0.00
INGHAM_C_115KV_TB7 356103	16.31 -0.13 0.00	15.01 -0.14 0.00	14.03 -0.17 0.00	13.85 -0.18 0.00	14.09 -0.20 0.00	14.57 -0.21 0.00	15.97 -0.23 0.00	16.66 -0.24 0.00	14.02 -0.23 0.00	13.88 -0.27 0.00	14.12 -0.30 0.00	14.35 -0.31 0.00	11.98 -0.26 0.00	10.48 -0.20 0.00	11.25 -0.23 0.00	11.92 -0.24 0.00	11.24 -0.19 0.00	13.96 -0.18 0.00	21.04 -0.26 0.00	21.17 -0.21 0.00	21.11 -0.21 0.00	19.11 -0.19 0.00	18.25 -0.20 0.00	16.69 -0.17 0.00
IP CORINTH___1 23988	17.58 1.13 0.00	16.18 1.03 0.00	15.14 0.94 0.00	14.93 0.90 0.00	15.20 0.91 0.00	15.78 1.00 0.00	19.72 1.10 -2.42	20.21 1.00 -2.32	20.38 0.85 -5.27	20.54 0.93 -5.45	19.51 0.92 -4.16	17.78 0.94 -2.19	18.17 0.78 -5.15	18.03 0.65 -6.69	17.62 0.61 -5.54	18.12 0.67 -5.29	25.30 0.67 -13.19	34.20 0.85 -19.20	39.09 1.64 -16.15	37.26 1.65 -14.23	31.95 1.68 -8.94	25.11 1.39 -4.41	20.40 1.29 -0.65	18.01 1.15 0.00
IP___TICONDEROGA 23804	18.19 1.74 0.00	16.69 1.54 0.00	15.64 1.43 0.00	15.41 1.38 0.00	15.70 1.41 0.00	16.33 1.55 0.00	20.33 1.72 -2.42	20.85 1.64 -2.32	20.92 1.40 -5.27	21.06 1.46 -5.45	20.03 1.44 -4.16	18.27 1.42 -2.19	18.50 1.11 -5.15	18.29 0.91 -6.69	17.92 0.91 -5.54	18.47 1.01 -5.29	25.66 1.04 -13.18	34.69 1.36 -19.19	39.95 2.51 -16.14	38.13 2.52 -14.22	32.83 2.58 -8.94	25.82 2.10 -4.40	21.02 1.92 -0.65	18.60 1.74 0.00
ISLIP_RES_REC 323679	18.15 1.71 0.00	16.55 1.41 0.00	15.39 1.19 0.00	15.14 1.11 0.00	15.40 1.12 0.00	16.15 1.37 0.00	19.67 1.64 -1.83	21.21 1.77 -2.54	21.55 1.41 -5.89	20.85 1.42 -5.29	21.26 1.46 -5.38	20.13 1.32 -4.16	19.68 1.10 -6.34	19.65 1.04 -7.92	20.19 1.15 -7.57	21.43 1.31 -7.95	24.56 1.38 -11.74	30.35 1.65 -14.54	36.12 2.58 -12.25	37.54 2.63 -13.53	30.73 2.60 -6.81	26.39 2.28 -4.80	21.29 2.33 -0.51	19.00 2.12 -0.02
JAMAICA__27_KV_LOAD 355505	17.48 1.04 0.00	16.07 0.92 0.00	15.00 0.80 0.00	14.79 0.76 0.00	15.03 0.74 0.00	15.61 0.83 0.00	19.11 1.09 -1.83	20.67 1.23 -2.54	21.17 1.03 -5.89	20.43 0.99 -5.29	20.73 0.92 -5.38	19.76 0.94 -4.17	19.39 0.81 -6.34	19.33 0.72 -7.93	19.81 0.76 -7.57	20.92 0.80 -7.96	22.98 0.78 -10.76	29.58 0.89 -14.54	34.78 1.26 -12.23	36.27 1.37 -13.52	29.33 1.24 -6.77	23.86 1.22 -3.34	20.22 1.27 -0.49	17.94 1.08 0.00
JANIS___SOLAR 323808	17.12 0.67 0.00	15.80 0.65 0.00	14.68 0.48 0.00	14.55 0.52 0.00	14.87 0.59 0.00	15.37 0.59 0.00	17.30 0.60 -0.50	17.95 0.68 -0.37	15.61 0.53 -0.84	15.61 0.48 -0.97	15.43 0.45 -0.56	15.16 0.40 -0.11	13.36 0.38 -0.74	12.04 0.35 -1.00	12.53 0.37 -0.69	13.12 0.40 -0.56	14.47 0.41 -2.62	18.77 0.65 -3.97	25.71 1.06 -3.34	25.16 1.20 -2.58	24.30 1.13 -1.85	21.15 0.93 -0.91	19.42 0.83 -0.13	17.75 0.89 0.00
JARVIS____ 23743	16.49 0.05 0.00	15.19 0.05 0.00	14.22 0.01 0.00	14.06 0.03 0.00	14.32 0.03 0.00	14.81 0.03 0.00	16.23 0.03 0.00	16.93 0.03 0.00	14.26 0.01 0.00	14.17 0.01 0.00	14.42 0.00 0.00	14.65 0.00 0.00	12.23 -0.01 0.00	10.69 0.00 0.00	11.46 -0.01 0.00	12.15 -0.01 0.00	11.44 0.00 0.00	14.16 0.01 0.00	21.32 0.02 0.00	21.43 0.04 0.00	21.34 0.02 0.00	19.33 0.02 0.00	18.48 0.02 0.00	16.88 0.02 0.00

JENNISON___1 23625	17.25 0.81 0.00	15.92 0.77 0.00	14.80 0.60 0.00	14.68 0.65 0.00	14.97 0.69 0.00	15.47 0.69 0.00	17.54 0.68 -0.66	18.15 0.76 -0.49	15.97 0.61 -1.10	16.03 0.59 -1.29	15.73 0.56 -0.74	15.35 0.54 -0.15	13.72 0.50 -0.97	12.48 0.47 -1.32	12.87 0.48 -0.91	13.40 0.50 -0.74	15.40 0.49 -3.47	20.12 0.72 -5.25	26.85 1.13 -4.42	26.03 1.24 -3.40	24.98 1.22 -2.45	21.52 1.00 -1.21	19.54 0.90 -0.18	17.85 0.99 0.00
JENNISON___2 23626	17.25 0.81 0.00	15.92 0.77 0.00	14.80 0.60 0.00	14.68 0.65 0.00	14.97 0.69 0.00	15.47 0.69 0.00	17.54 0.68 -0.66	18.15 0.76 -0.49	15.97 0.61 -1.10	16.03 0.59 -1.29	15.73 0.56 -0.74	15.35 0.54 -0.15	13.72 0.50 -0.97	12.48 0.47 -1.32	12.87 0.48 -0.91	13.40 0.50 -0.74	15.40 0.49 -3.47	20.12 0.72 -5.25	26.85 1.13 -4.42	26.03 1.24 -3.40	24.98 1.22 -2.45	21.52 1.00 -1.21	19.54 0.90 -0.18	17.85 0.99 0.00
JERICHO_RISE_WT_PWR 323719	16.10 -0.35 0.00	14.89 -0.26 0.00	14.02 -0.19 0.00	13.68 -0.35 0.00	13.80 -0.49 0.00	14.14 -0.64 0.00	15.29 -0.91 0.00	-1.69 -1.05 17.54	-1.53 -0.87 14.91	-1.57 -0.86 14.86	-5.48 -0.85 19.05	-8.54 -0.85 22.34	-8.39 -0.72 19.90	-8.28 -0.64 18.32	-8.33 -0.71 19.09	-8.38 -0.75 19.79	-1.38 -0.70 12.12	-1.55 -0.92 14.78	-2.02 -1.30 22.02	-2.03 -1.41 22.00	-2.02 -1.39 21.96	-1.92 -1.24 19.99	-1.84 -1.20 19.09	-1.73 -1.15 17.45
KATONAH___115KV_46KV_TB4 355592	17.58 1.13 0.00	16.18 1.03 0.00	15.08 0.88 0.00	14.87 0.84 0.00	15.17 0.89 0.00	15.71 0.93 0.00	19.21 1.12 -1.89	20.63 1.25 -2.49	21.06 1.05 -5.75	20.46 1.05 -5.26	20.64 1.05 -5.17	19.57 1.06 -3.86	19.26 0.89 -6.12	19.13 0.76 -7.69	19.53 0.83 -7.23	20.57 0.88 -7.53	23.18 0.77 -10.97	30.13 0.98 -15.00	35.39 1.47 -12.62	36.55 1.69 -13.47	29.82 1.51 -6.99	24.10 1.35 -3.44	20.26 1.29 -0.51	17.99 1.13 0.00
KCE_NY_1 323755	17.41 0.97 0.00	16.02 0.88 0.00	15.00 0.79 0.00	14.79 0.76 0.00	15.07 0.79 0.00	15.64 0.86 0.00	19.54 0.92 -2.42	20.13 0.91 -2.32	20.29 0.77 -5.27	20.40 0.79 -5.45	19.38 0.79 -4.16	17.64 0.79 -2.20	18.05 0.66 -5.15	17.95 0.57 -6.69	17.60 0.58 -5.54	18.09 0.63 -5.30	25.23 0.63 -13.17	34.12 0.81 -19.17	38.78 1.36 -16.12	36.97 1.37 -14.22	31.61 1.37 -8.93	24.85 1.14 -4.40	20.19 1.09 -0.65	17.82 0.96 0.00
KCE_NY_6_ESR 323823	16.17 -0.28 0.00	14.95 -0.20 0.00	13.86 -0.34 0.00	13.78 -0.25 0.00	14.03 -0.26 0.00	14.48 -0.30 0.00	15.65 -0.84 -0.30	16.24 -0.88 -0.22	14.09 -0.66 -0.50	14.08 -0.65 -0.58	14.05 -0.71 -0.33	14.05 -0.67 -0.07	12.29 -0.39 -0.44	10.94 -0.34 -0.60	11.58 -0.31 -0.41	12.17 -0.33 -0.33	12.67 -0.33 -1.57	16.00 -0.52 -2.38	22.21 -1.09 -2.00	22.07 -0.86 -1.54	21.45 -0.98 -1.11	19.04 -0.81 -0.55	17.97 -0.57 -0.08	16.96 0.10 0.00
KEDC_PORT_JEFF_GT2 24210	18.06 1.61 0.00	16.48 1.33 0.00	15.32 1.12 0.00	15.07 1.04 0.00	15.33 1.04 0.00	16.08 1.30 0.00	19.59 1.56 -1.83	21.11 1.67 -2.54	21.48 1.34 -5.89	20.78 1.35 -5.29	21.19 1.38 -5.38	20.07 1.26 -4.16	19.63 1.05 -6.34	19.59 0.98 -7.92	20.13 1.09 -7.57	21.37 1.25 -7.95	24.49 1.31 -11.74	30.25 1.56 -14.54	35.95 2.41 -12.25	37.37 2.46 -13.53	30.56 2.43 -6.81	26.25 2.14 -4.80	21.16 2.20 -0.51	18.88 2.01 -0.02
KEDC_PORT_JEFF_GT3 24211	18.06 1.61 0.00	16.48 1.33 0.00	15.32 1.12 0.00	15.07 1.04 0.00	15.33 1.04 0.00	16.08 1.30 0.00	19.59 1.56 -1.83	21.11 1.67 -2.54	21.48 1.34 -5.89	20.78 1.35 -5.29	21.19 1.38 -5.38	20.07 1.26 -4.16	19.63 1.05 -6.34	19.59 0.98 -7.92	20.13 1.09 -7.57	21.37 1.25 -7.95	24.49 1.31 -11.74	30.25 1.56 -14.54	35.95 2.41 -12.25	37.37 2.46 -13.53	30.56 2.43 -6.81	26.25 2.14 -4.80	21.16 2.20 -0.51	18.88 2.01 -0.02
KEDC_GLWD_GT4 24219	17.64 1.20 0.00	16.18 1.03 0.00	15.08 0.88 0.00	14.86 0.83 0.00	15.12 0.83 0.00	15.74 0.96 0.00	19.21 1.18 -1.83	20.74 1.30 -2.54	21.21 1.07 -5.89	20.50 1.06 -5.29	20.91 1.11 -5.38	19.88 1.07 -4.16	19.50 0.92 -6.34	19.43 0.82 -7.92	19.94 0.90 -7.57	21.10 0.98 -7.95	24.13 0.95 -11.74	29.82 1.13 -14.54	35.22 1.68 -12.23	36.67 1.77 -13.51	29.79 1.68 -6.79	25.67 1.56 -4.80	20.49 1.53 -0.51	18.24 1.36 -0.02
KEDC_GLWD_GT5 24220	17.64 1.20 0.00	16.18 1.03 0.00	15.08 0.88 0.00	14.86 0.83 0.00	15.12 0.83 0.00	15.74 0.96 0.00	19.21 1.18 -1.83	20.74 1.30 -2.54	21.21 1.07 -5.89	20.50 1.06 -5.29	20.91 1.11 -5.38	19.88 1.07 -4.16	19.50 0.92 -6.34	19.43 0.82 -7.92	19.94 0.90 -7.57	21.10 0.98 -7.95	24.13 0.95 -11.74	29.82 1.13 -14.54	35.22 1.68 -12.23	36.67 1.77 -13.51	29.79 1.68 -6.79	25.67 1.56 -4.80	20.49 1.53 -0.51	18.24 1.36 -0.02
KENSICO____ 23655	17.48 1.04 0.00	16.07 0.92 0.00	15.01 0.81 0.00	14.80 0.77 0.00	15.06 0.77 0.00	15.62 0.84 0.00	19.04 1.02 -1.82	20.58 1.13 -2.55	21.13 0.95 -5.92	20.38 0.93 -5.29	20.80 0.95 -5.43	19.83 0.95 -4.23	19.45 0.82 -6.39	19.38 0.72 -7.98	19.89 0.77 -7.65	21.03 0.81 -8.05	22.92 0.77 -10.72	29.52 0.93 -14.43	34.78 1.34 -12.14	36.36 1.45 -13.52	29.38 1.34 -6.72	23.88 1.25 -3.31	20.16 1.22 -0.49	17.92 1.06 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	17.53 1.09 0.00	16.08 0.94 0.00	15.00 0.80 0.00	14.80 0.77 0.00	15.07 0.79 0.00	15.58 0.80 0.00	18.86 0.99 -1.68	19.72 1.10 -1.73	19.11 0.91 -3.95	18.99 0.88 -3.96	18.52 0.87 -3.23	17.44 0.88 -1.91	16.92 0.73 -3.95	16.43 0.66 -5.08	16.54 0.70 -4.36	17.20 0.75 -4.28	21.36 0.67 -9.25	28.35 0.91 -13.29	33.82 1.34 -11.18	33.16 1.50 -10.28	28.85 1.34 -6.19	23.56 1.20 -3.05	20.07 1.16 -0.45	17.89 1.03 0.00
KIAC_JFK_GT1 23816	17.38 0.94 0.00	15.99 0.85 0.00	14.93 0.72 0.00	14.72 0.69 0.00	14.96 0.67 0.00	15.53 0.75 0.00	19.03 1.00 -1.83	20.57 1.13 -2.54	21.10 0.95 -5.89	20.36 0.92 -5.29	20.66 0.85 -5.38	19.70 0.88 -4.17	19.33 0.75 -6.34	19.28 0.66 -7.93	19.75 0.70 -7.57	20.86 0.74 -7.96	22.92 0.72 -10.76	29.45 0.76 -14.54	34.57 1.04 -12.23	36.05 1.15 -13.52	29.22 1.13 -6.77	23.76 1.12 -3.34	20.13 1.18 -0.49	17.85 0.99 0.00
KIAC_JFK_GT2 23817	17.38 0.94 0.00	15.99 0.85 0.00	14.93 0.72 0.00	14.72 0.69 0.00	14.96 0.67 0.00	15.53 0.75 0.00	19.03 1.00 -1.83	20.57 1.13 -2.54	21.10 0.95 -5.89	20.36 0.92 -5.29	20.66 0.85 -5.38	19.70 0.88 -4.17	19.33 0.75 -6.34	19.28 0.66 -7.93	19.75 0.70 -7.57	20.86 0.74 -7.96	22.92 0.72 -10.76	29.45 0.76 -14.54	34.57 1.04 -12.23	36.05 1.15 -13.52	29.22 1.13 -6.77	23.76 1.12 -3.34	20.13 1.18 -0.49	17.85 0.99 0.00
KIAC_JFK____ 323774	17.38 0.94 0.00	15.96 0.82 0.00	14.91 0.71 0.00	14.72 0.69 0.00	14.96 0.67 0.00	15.53 0.75 0.00	19.05 1.02 -1.83	20.57 1.13 -2.54	21.10 0.95 -5.89	20.36 0.92 -5.29	20.66 0.85 -5.38	19.70 0.88 -4.17	19.33 0.75 -6.34	19.28 0.66 -7.93	19.75 0.70 -7.57	20.86 0.74 -7.96	22.92 0.72 -10.76	29.46 0.78 -14.54	34.57 1.04 -12.23	36.05 1.15 -13.52	29.22 1.13 -6.77	23.76 1.12 -3.34	20.13 1.18 -0.49	17.85 0.99 0.00

KINTIGH____ 23543	15.75 -0.69 0.00	14.52 -0.62 0.00	13.49 -0.71 0.00	13.47 -0.56 0.00	13.72 -0.57 0.00	14.16 -0.62 0.00	15.82 -0.63 -0.26	16.43 -0.66 -0.19	14.18 -0.50 -0.43	14.17 -0.48 -0.50	14.21 -0.50 -0.29	14.23 -0.48 -0.06	12.36 -0.26 -0.38	10.97 -0.22 -0.51	11.63 -0.20 -0.35	12.24 -0.21 -0.29	12.58 -0.21 -1.35	15.80 -0.38 -2.04	22.20 -0.81 -1.71	22.06 -0.64 -1.32	21.50 -0.77 -0.95	19.14 -0.64 -0.47	18.08 -0.44 -0.07	16.49 -0.37 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	16.28 -0.16 0.00	15.02 -0.12 0.00	14.16 -0.04 0.00	13.79 -0.24 0.00	13.90 -0.39 0.00	14.23 -0.55 0.00	15.37 -0.83 0.00	-0.67 -0.93 16.63	-0.62 -0.73 14.14	-0.67 -0.74 14.09	-4.34 -0.69 18.07	-7.23 -0.69 21.19	-7.21 -0.58 18.88	-7.20 -0.51 17.37	-7.21 -0.57 18.11	-7.21 -0.61 18.76	-0.61 -0.56 11.49	-0.65 -0.78 14.02	-0.65 -1.06 20.88	-0.66 -1.18 20.87	-0.70 -1.19 20.82	-0.71 -1.06 18.96	-0.70 -1.05 18.11	-0.68 -0.99 16.55
LACHUTE__HYDRO 323717	18.19 1.74 0.00	16.67 1.53 0.00	15.64 1.43 0.00	15.41 1.38 0.00	15.70 1.41 0.00	16.33 1.55 0.00	20.33 1.72 -2.42	20.85 1.64 -2.32	20.92 1.40 -5.27	21.06 1.46 -5.45	20.03 1.44 -4.16	18.27 1.42 -2.19	18.50 1.11 -5.15	18.29 0.91 -6.69	17.92 0.91 -5.54	18.47 1.01 -5.29	25.66 1.04 -13.18	34.69 1.36 -19.19	39.95 2.51 -16.14	38.13 2.52 -14.22	32.83 2.58 -8.94	25.80 2.09 -4.40	21.08 1.98 -0.65	18.60 1.74 0.00
LAWRNCV_115KV_TB1 80681	16.23 -0.21 0.00	14.95 -0.20 0.00	14.10 -0.10 0.00	13.86 -0.17 0.00	14.07 -0.21 0.00	14.53 -0.25 0.00	15.86 -0.34 0.00	18.70 -0.41 -2.21	15.80 -0.33 -1.88	15.70 -0.33 -1.87	16.52 -0.30 -2.40	17.17 -0.29 -2.81	14.50 -0.24 -2.50	12.77 -0.22 -2.30	13.60 -0.28 -2.40	14.36 -0.29 -2.49	12.68 -0.29 -1.52	15.57 -0.44 -1.86	23.49 -0.58 -2.77	23.47 -0.68 -2.77	23.44 -0.64 -2.76	21.30 -0.52 -2.51	20.38 -0.48 -2.40	18.62 -0.44 -2.19
LEDERLE____ 23769	17.48 1.04 0.00	16.07 0.92 0.00	15.00 0.80 0.00	14.79 0.76 0.00	15.06 0.77 0.00	15.59 0.81 0.00	18.87 1.00 -1.67	20.76 1.10 -2.76	21.63 0.93 -6.46	20.54 0.91 -5.48	21.53 0.92 -6.18	20.82 0.94 -5.23	20.21 0.80 -7.18	20.24 0.69 -8.86	21.06 0.75 -8.83	22.48 0.80 -9.51	22.43 0.74 -10.25	28.32 0.93 -13.24	33.80 1.36 -11.14	36.74 1.48 -13.88	28.83 1.34 -6.17	23.58 1.24 -3.04	20.10 1.20 -0.45	17.92 1.06 0.00
LIGHTHSE_115KV_TB6 355974	16.69 0.25 0.00	15.39 0.24 0.00	14.34 0.14 0.00	14.20 0.17 0.00	14.50 0.21 0.00	14.96 0.18 0.00	16.48 0.15 -0.14	17.53 0.20 -0.43	14.91 0.16 -0.51	14.85 0.16 -0.54	15.12 0.19 -0.51	15.29 0.19 -0.44	13.00 0.18 -0.57	11.47 0.17 -0.61	12.20 0.18 -0.54	12.84 0.16 -0.52	12.52 0.14 -0.95	15.76 0.24 -1.37	23.03 0.40 -1.33	22.99 0.49 -1.12	22.70 0.47 -0.92	20.31 0.39 -0.62	19.16 0.31 -0.39	17.50 0.32 -0.32
LINDEN COGEN____ 23786	17.46 1.02 0.00	16.04 0.89 0.00	14.98 0.78 0.00	14.79 0.76 0.00	15.03 0.74 0.00	15.59 0.81 0.00	19.07 1.04 -1.83	20.57 1.13 -2.54	21.10 0.95 -5.89	20.39 0.95 -5.29	20.76 0.95 -5.38	19.79 0.97 -4.17	19.42 0.83 -6.34	19.35 0.74 -7.93	19.83 0.78 -7.57	20.94 0.82 -7.96	22.98 0.78 -10.76	29.60 0.92 -14.54	34.78 1.26 -12.23	36.27 1.37 -13.51	29.37 1.28 -6.77	23.88 1.24 -3.34	20.17 1.22 -0.49	17.90 1.05 0.00
LINDHRST_69_KV_BK1 356055	17.96 1.51 0.00	16.42 1.27 0.00	15.27 1.07 0.00	15.01 0.98 0.00	15.37 1.09 0.00	15.99 1.21 0.00	19.47 1.44 -1.83	21.02 1.59 -2.54	21.42 1.28 -5.89	20.73 1.29 -5.29	21.13 1.33 -5.38	20.04 1.23 -4.16	19.62 1.04 -6.34	19.57 0.96 -7.92	20.11 1.07 -7.57	21.32 1.20 -7.95	24.41 1.24 -11.74	30.15 1.46 -14.54	35.75 2.22 -12.24	37.19 2.29 -13.52	30.37 2.26 -6.80	26.14 2.03 -4.80	21.01 2.05 -0.51	18.73 1.85 -0.02
LIPA_MISC_IPP 23656	18.07 1.63 0.00	16.52 1.38 0.00	15.35 1.15 0.00	15.08 1.05 0.00	15.46 1.17 0.00	16.09 1.32 0.00	19.60 1.57 -1.83	21.13 1.69 -2.54	21.48 1.34 -5.89	20.78 1.34 -5.29	21.19 1.38 -5.38	20.06 1.25 -4.16	19.61 1.03 -6.34	19.57 0.96 -7.92	20.11 1.07 -7.57	21.34 1.23 -7.95	24.48 1.30 -11.74	30.26 1.57 -14.54	35.97 2.43 -12.24	37.39 2.48 -13.52	30.60 2.47 -6.81	26.27 2.16 -4.80	21.18 2.21 -0.51	18.91 2.04 -0.02
LISF__SOLAR 323691	18.10 1.66 0.00	16.52 1.38 0.00	15.37 1.16 0.00	15.11 1.08 0.00	15.37 1.09 0.00	16.12 1.34 0.00	19.63 1.60 -1.83	21.16 1.72 -2.54	21.51 1.37 -5.89	20.80 1.36 -5.29	21.20 1.40 -5.38	20.07 1.26 -4.16	19.62 1.04 -6.34	19.58 0.97 -7.92	20.12 1.08 -7.57	21.37 1.25 -7.95	24.50 1.33 -11.74	30.28 1.58 -14.54	36.01 2.47 -12.25	37.45 2.54 -13.52	30.64 2.51 -6.81	26.31 2.20 -4.80	21.21 2.25 -0.51	18.95 2.07 -0.02
LITTLE FALLS__HYD 24013	16.31 -0.13 0.00	15.01 -0.14 0.00	14.03 -0.17 0.00	13.85 -0.18 0.00	14.09 -0.20 0.00	14.57 -0.21 0.00	15.97 -0.23 0.00	16.66 -0.24 0.00	14.02 -0.23 0.00	13.88 -0.27 0.00	14.12 -0.30 0.00	14.35 -0.31 0.00	11.98 -0.26 0.00	10.48 -0.20 0.00	11.25 -0.23 0.00	11.92 -0.24 0.00	11.24 -0.19 0.00	13.96 -0.18 0.00	21.04 -0.26 0.00	21.17 -0.21 0.00	21.11 -0.21 0.00	19.11 -0.19 0.00	18.25 -0.20 0.00	16.69 -0.17 0.00
LITTLRIV_115KV_TB1 356100	16.33 -0.12 0.00	15.05 -0.09 0.00	14.19 -0.01 0.00	13.95 -0.08 0.00	14.16 -0.13 0.00	14.63 -0.15 0.00	15.95 -0.24 0.00	19.03 -0.29 -2.42	16.08 -0.23 -2.06	15.96 -0.24 -2.05	16.84 -0.22 -2.63	17.52 -0.22 -3.08	14.81 -0.18 -2.75	13.05 -0.16 -2.53	13.89 -0.22 -2.64	14.66 -0.23 -2.73	12.88 -0.23 -1.67	15.85 -0.34 -2.04	23.93 -0.40 -3.04	23.93 -0.49 -3.04	23.90 -0.45 -3.03	21.70 -0.37 -2.76	20.74 -0.35 -2.64	18.95 -0.32 -2.41
LI_NEWBRDGE__DRP 323616	17.61 1.17 0.00	16.13 0.98 0.00	15.01 0.81 0.00	14.76 0.73 0.00	15.09 0.80 0.00	15.70 0.92 0.00	19.15 1.12 -1.83	20.69 1.25 -2.54	21.15 1.01 -5.89	20.44 1.00 -5.29	20.85 1.05 -5.38	19.78 0.97 -4.16	19.41 0.83 -6.34	19.38 0.77 -7.92	19.88 0.84 -7.57	21.06 0.95 -7.95	24.11 0.94 -11.74	29.80 1.10 -14.54	35.17 1.64 -12.23	36.61 1.71 -13.51	29.77 1.66 -6.79	25.66 1.54 -4.80	20.53 1.57 -0.51	18.27 1.40 -0.02
LOCKPORT_115KV_TB60_63_64 80432	15.84 -0.61 0.00	14.63 -0.51 0.00	13.56 -0.64 0.00	13.56 -0.48 0.00	13.80 -0.49 0.00	14.25 -0.53 0.00	15.61 -0.86 -0.27	16.18 -0.91 -0.20	14.01 -0.68 -0.45	14.01 -0.67 -0.52	14.02 -0.71 -0.30	14.02 -0.69 -0.06	12.24 -0.39 -0.39	10.88 -0.34 -0.54	11.52 -0.32 -0.37	12.13 -0.33 -0.30	12.52 -0.33 -1.41	15.74 -0.55 -2.14	21.99 -1.11 -1.80	21.89 -0.88 -1.39	21.27 -1.04 -1.00	18.93 -0.87 -0.49	17.90 -0.63 -0.07	16.61 -0.25 0.00
LOCKPORT__CC1 323769	15.84 -0.61 0.00	14.65 -0.50 0.00	13.62 -0.58 0.00	13.56 -0.48 0.00	13.80 -0.49 0.00	14.23 -0.55 0.00	15.59 -0.87 -0.27	16.18 -0.91 -0.20	14.02 -0.68 -0.45	14.02 -0.66 -0.53	14.02 -0.71 -0.30	14.03 -0.69 -0.06	12.25 -0.39 -0.40	10.88 -0.34 -0.54	11.53 -0.32 -0.37	12.14 -0.33 -0.30	12.53 -0.33 -1.42	15.76 -0.55 -2.16	22.01 -1.11 -1.82	21.89 -0.90 -1.40	21.26 -1.07 -1.01	18.92 -0.89 -0.50	17.90 -0.63 -0.07	16.61 -0.25 0.00

LOCKPORT___CC2 323770	15.84 -0.61 0.00	14.65 -0.50 0.00	13.62 -0.58 0.00	13.56 -0.48 0.00	13.80 -0.49 0.00	14.23 -0.55 0.00	15.59 -0.87 -0.27	16.18 -0.91 -0.20	14.02 -0.68 -0.45	14.02 -0.66 -0.53	14.02 -0.71 -0.30	14.03 -0.69 -0.06	12.25 -0.39 -0.40	10.88 -0.34 -0.54	11.53 -0.32 -0.37	12.14 -0.33 -0.30	12.53 -0.33 -1.42	15.76 -0.55 -2.16	22.01 -1.11 -1.82	21.89 -0.90 -1.40	21.26 -1.07 -1.01	18.92 -0.89 -0.50	17.90 -0.63 -0.07	16.61 -0.25 0.00
LOCKPORT___CC3 323771	15.84 -0.61 0.00	14.65 -0.50 0.00	13.62 -0.58 0.00	13.56 -0.48 0.00	13.80 -0.49 0.00	14.23 -0.55 0.00	15.59 -0.87 -0.27	16.18 -0.91 -0.20	14.02 -0.68 -0.45	14.02 -0.66 -0.53	14.02 -0.71 -0.30	14.03 -0.69 -0.06	12.25 -0.39 -0.40	10.88 -0.34 -0.54	11.53 -0.32 -0.37	12.14 -0.33 -0.30	12.53 -0.33 -1.42	15.76 -0.55 -2.16	22.01 -1.11 -1.82	21.89 -0.90 -1.40	21.26 -1.07 -1.01	18.92 -0.89 -0.50	17.90 -0.63 -0.07	16.61 -0.25 0.00
LONG_LAKE_PHOENIX 24014	16.71 0.26 0.00	15.40 0.26 0.00	14.34 0.14 0.00	14.21 0.18 0.00	14.53 0.24 0.00	15.00 0.22 0.00	16.61 0.26 -0.16	17.33 0.32 -0.12	14.78 0.27 -0.26	14.74 0.28 -0.30	14.90 0.30 -0.17	15.00 0.31 -0.04	12.74 0.27 -0.23	11.23 0.24 -0.31	11.95 0.26 -0.21	12.60 0.27 -0.17	12.49 0.24 -0.81	15.72 0.34 -1.23	22.89 0.55 -1.04	22.83 0.64 -0.80	22.45 0.55 -0.57	20.07 0.48 -0.28	18.92 0.42 -0.04	17.25 0.39 0.00
LOVETT___3 23632	17.41 0.97 0.00	16.01 0.86 0.00	14.94 0.74 0.00	14.75 0.72 0.00	15.00 0.71 0.00	15.55 0.77 0.00	18.82 0.94 -1.68	20.65 1.03 -2.72	21.46 0.87 -6.35	20.44 0.86 -5.42	21.33 0.87 -6.04	20.59 0.88 -5.06	20.01 0.75 -7.03	20.04 0.66 -8.69	20.80 0.71 -8.62	22.17 0.75 -9.25	22.41 0.71 -10.27	28.38 0.88 -13.35	33.78 1.26 -11.23	36.51 1.37 -13.76	28.79 1.26 -6.22	23.53 1.16 -3.06	20.03 1.13 -0.45	17.85 0.99 0.00
LOVETT___4 23642	17.41 0.97 0.00	16.01 0.86 0.00	14.94 0.74 0.00	14.75 0.72 0.00	15.00 0.71 0.00	15.55 0.77 0.00	18.82 0.94 -1.68	20.65 1.03 -2.72	21.46 0.87 -6.35	20.44 0.86 -5.42	21.33 0.87 -6.04	20.59 0.88 -5.06	20.01 0.75 -7.03	20.04 0.66 -8.69	20.80 0.71 -8.62	22.17 0.75 -9.25	22.41 0.71 -10.27	28.38 0.88 -13.35	33.78 1.26 -11.23	36.51 1.37 -13.76	28.79 1.26 -6.22	23.53 1.16 -3.06	20.03 1.13 -0.45	17.85 0.99 0.00
LOVETT___5 23593	17.41 0.97 0.00	16.01 0.86 0.00	14.94 0.74 0.00	14.75 0.72 0.00	15.00 0.71 0.00	15.55 0.77 0.00	18.82 0.94 -1.68	20.65 1.03 -2.72	21.46 0.87 -6.35	20.44 0.86 -5.42	21.33 0.87 -6.04	20.59 0.88 -5.06	20.01 0.75 -7.03	20.04 0.66 -8.69	20.80 0.71 -8.62	22.17 0.75 -9.25	22.41 0.71 -10.27	28.38 0.88 -13.35	33.78 1.26 -11.23	36.51 1.37 -13.76	28.79 1.26 -6.22	23.53 1.16 -3.06	20.03 1.13 -0.45	17.85 0.99 0.00
LOWER RAQUET___HYD 24057	16.25 -0.20 0.00	14.98 -0.17 0.00	14.10 -0.10 0.00	13.86 -0.17 0.00	14.07 -0.21 0.00	14.54 -0.24 0.00	15.86 -0.34 0.00	19.11 -0.41 -2.62	16.15 -0.33 -2.23	16.05 -0.32 -2.22	16.97 -0.30 -2.85	17.69 -0.31 -3.34	14.96 -0.26 -2.98	13.19 -0.24 -2.74	14.05 -0.29 -2.86	14.82 -0.30 -2.96	12.94 -0.31 -1.81	15.89 -0.47 -2.21	23.97 -0.62 -3.29	23.97 -0.71 -3.29	23.94 -0.66 -3.29	21.76 -0.54 -2.99	20.83 -0.48 -2.86	19.01 -0.45 -2.61
LOWER___HUDSON 24059	17.15 0.71 0.00	15.80 0.65 0.00	14.78 0.58 0.00	14.58 0.55 0.00	14.84 0.56 0.00	15.39 0.61 0.00	19.23 0.65 -2.39	19.89 0.68 -2.31	20.10 0.58 -5.27	20.17 0.59 -5.42	19.20 0.59 -4.18	17.50 0.60 -2.25	17.91 0.50 -5.16	17.83 0.44 -6.70	17.53 0.47 -5.58	18.02 0.50 -5.36	24.96 0.49 -13.03	33.68 0.61 -18.93	38.16 0.94 -15.92	36.45 0.94 -14.13	31.07 0.94 -8.81	24.48 0.83 -4.34	19.89 0.79 -0.64	17.55 0.69 0.00
LOWVILLE_115KV_TB2 356335	16.76 0.31 0.00	15.46 0.32 0.00	14.44 0.24 0.00	14.29 0.25 0.00	14.55 0.26 0.00	15.03 0.25 0.00	16.30 0.03 -0.07	17.77 0.05 -0.83	15.04 0.01 -0.78	14.93 -0.01 -0.79	15.31 -0.03 -0.92	15.61 -0.04 -1.00	13.19 -0.04 -0.98	11.64 0.00 -0.95	12.38 -0.03 -0.94	13.07 -0.05 -0.95	12.33 -0.02 -0.91	15.42 0.04 -1.22	22.90 0.15 -1.45	22.92 0.19 -1.34	22.77 0.21 -1.23	20.44 0.12 -1.01	19.37 0.06 -0.86	17.73 0.10 -0.77
LUTHERFT_115KV_GLOB_FND_222 355753	17.41 0.97 0.00	16.02 0.88 0.00	15.00 0.80 0.00	14.79 0.76 0.00	15.06 0.77 0.00	15.62 0.84 0.00	19.54 0.92 -2.42	20.13 0.91 -2.32	20.29 0.77 -5.27	20.38 0.78 -5.45	19.37 0.78 -4.16	17.64 0.79 -2.20	18.05 0.66 -5.15	17.95 0.57 -6.69	17.60 0.59 -5.54	18.09 0.63 -5.30	25.23 0.63 -13.17	34.11 0.79 -19.17	38.78 1.36 -16.12	36.97 1.37 -14.22	31.59 1.34 -8.93	24.85 1.14 -4.40	20.17 1.07 -0.65	17.82 0.96 0.00
LUTHERNY_35_KV_BK2 355980	17.41 0.97 0.00	16.02 0.88 0.00	15.00 0.80 0.00	14.79 0.76 0.00	15.07 0.79 0.00	15.64 0.86 0.00	19.54 0.92 -2.42	20.13 0.91 -2.32	20.29 0.77 -5.27	20.40 0.79 -5.45	19.38 0.79 -4.16	17.64 0.79 -2.20	18.05 0.66 -5.15	17.95 0.57 -6.69	17.60 0.59 -5.54	18.09 0.63 -5.30	25.23 0.63 -13.17	34.12 0.81 -19.17	38.78 1.36 -16.12	36.97 1.37 -14.22	31.61 1.36 -8.93	24.87 1.16 -4.40	20.19 1.09 -0.65	17.82 0.96 0.00
LWR___OSWEGATCHIE_HYD 23850	16.49 0.05 0.00	15.21 0.06 0.00	14.26 0.06 0.00	14.06 0.03 0.00	14.30 0.01 0.00	14.78 0.00 0.00	16.10 -0.15 -0.05	18.56 -0.17 -1.83	15.70 -0.16 -1.61	15.62 -0.16 -1.62	16.27 -0.16 -2.01	16.77 -0.18 -2.30	14.22 -0.13 -2.11	12.56 -0.11 -1.98	13.35 -0.15 -2.02	14.07 -0.17 -2.08	12.79 -0.16 -1.52	15.88 -0.20 -1.93	23.71 -0.19 -2.60	23.69 -0.21 -2.52	23.57 -0.19 -2.44	21.27 -0.17 -2.14	20.24 -0.18 -1.97	18.49 -0.15 -1.78
LYONS_FALL_HYD 23570	16.77 0.33 0.00	15.48 0.33 0.00	14.44 0.24 0.00	14.29 0.25 0.00	14.56 0.27 0.00	15.05 0.27 0.00	16.39 0.13 -0.07	17.62 0.15 -0.57	14.92 0.11 -0.56	14.83 0.10 -0.58	15.14 0.07 -0.64	15.39 0.06 -0.68	12.99 0.06 -0.69	11.44 0.08 -0.68	12.19 0.06 -0.66	12.88 0.05 -0.66	12.22 0.06 -0.72	15.28 0.14 -0.99	22.69 0.28 -1.12	22.72 0.32 -1.01	22.55 0.32 -0.91	20.26 0.23 -0.72	19.21 0.17 -0.58	17.58 0.20 -0.52
MADISON___COUNTY_LFGE 323628	16.84 0.39 0.00	15.52 0.38 0.00	14.49 0.28 0.00	14.34 0.31 0.00	14.62 0.33 0.00	15.12 0.34 0.00	16.65 0.34 -0.11	17.37 0.39 -0.08	14.73 0.30 -0.19	14.67 0.30 -0.22	14.84 0.29 -0.13	14.96 0.28 -0.03	12.65 0.24 -0.16	11.14 0.24 -0.22	11.87 0.24 -0.15	12.52 0.23 -0.13	12.25 0.23 -0.59	15.36 0.33 -0.89	22.58 0.53 -0.75	22.56 0.60 -0.58	22.31 0.58 -0.41	19.98 0.46 -0.20	18.88 0.39 -0.03	17.30 0.44 0.00
MALONE___115KV_TB1 356076	16.28 -0.16 0.00	15.01 -0.14 0.00	14.14 -0.06 0.00	13.81 -0.22 0.00	13.94 -0.34 0.00	14.32 -0.46 0.00	15.52 -0.68 0.00	27.21 -0.81 -11.13	23.07 -0.64 -9.46	22.93 -0.65 -9.43	25.89 -0.62 -12.09	28.21 -0.62 -14.17	24.35 -0.51 -12.63	21.85 -0.46 -11.62	23.06 -0.53 -12.11	24.15 -0.56 -12.55	18.61 -0.51 -7.69	22.80 -0.72 -9.38	34.28 -0.98 -13.97	34.25 -1.09 -13.96	34.14 -1.11 -13.93	31.02 -0.97 -12.68	29.61 -0.96 -12.11	27.02 -0.91 -11.07

MAPLEWOD_115KV_TB3 80458	17.02 0.58 0.00	15.69 0.55 0.00	14.68 0.48 0.00	14.48 0.45 0.00	14.75 0.46 0.00	15.28 0.50 0.00	19.10 0.53 -2.37	19.76 0.56 -2.30	19.95 0.46 -5.24	20.00 0.45 -5.39	19.06 0.48 -4.16	17.40 0.50 -2.25	17.80 0.42 -5.14	17.71 0.35 -6.67	17.43 0.39 -5.56	17.93 0.43 -5.34	24.77 0.39 -12.95	33.43 0.48 -18.80	37.88 0.77 -15.82	36.20 0.77 -14.05	30.82 0.75 -8.76	24.28 0.66 -4.32	19.70 0.61 -0.63	17.42 0.56 0.00
MAPLE_RIDGE_WT_1 323574	16.13 -0.31 0.00	14.83 -0.32 0.00	13.85 -0.35 0.00	13.67 -0.36 0.00	13.90 -0.39 0.00	14.34 -0.44 0.00	15.63 -0.57 0.00	16.24 -0.66 0.00	13.62 -0.63 0.00	13.46 -0.69 0.00	13.65 -0.78 0.00	13.82 -0.83 0.00	11.52 -0.72 0.00	10.05 -0.64 0.00	10.79 -0.69 0.00	11.45 -0.72 0.00	10.77 -0.66 0.00	13.36 -0.79 0.00	20.15 -1.15 0.00	20.25 -1.13 0.00	20.21 -1.11 0.00	18.32 -0.98 0.00	17.54 -0.92 0.00	16.00 -0.86 0.00
MAPLE_RIDGE_WT_2 323611	16.13 -0.31 0.00	14.83 -0.32 0.00	13.85 -0.35 0.00	13.67 -0.36 0.00	13.90 -0.39 0.00	14.34 -0.44 0.00	15.63 -0.57 0.00	16.24 -0.66 0.00	13.62 -0.63 0.00	13.46 -0.69 0.00	13.65 -0.78 0.00	13.82 -0.83 0.00	11.52 -0.72 0.00	10.05 -0.64 0.00	10.79 -0.69 0.00	11.45 -0.72 0.00	10.77 -0.66 0.00	13.36 -0.79 0.00	20.15 -1.15 0.00	20.25 -1.13 0.00	20.21 -1.11 0.00	18.32 -0.98 0.00	17.54 -0.92 0.00	16.00 -0.86 0.00
MARBLE_RIVER_WT_PWR 323696	16.12 -0.33 0.00	14.90 -0.24 0.00	14.03 -0.17 0.00	13.70 -0.34 0.00	13.82 -0.47 0.00	14.14 -0.64 0.00	15.29 -0.91 0.00	-0.49 -1.06 16.32	-0.51 -0.88 13.87	-0.55 -0.88 13.83	-4.15 -0.85 17.72	-7.00 -0.86 20.79	-7.00 -0.72 18.52	-7.00 -0.70 17.05	-7.00 -0.71 17.76	-7.00 -0.75 18.41	-0.55 -0.71 11.27	-0.54 -0.93 13.75	-0.48 -1.30 20.48	-0.50 -1.41 20.47	-0.52 -1.41 20.43	-0.54 -1.25 18.60	-0.53 -1.22 17.77	-0.52 -1.15 16.23
MARSHVLE_115KV_TB1 80742	17.94 1.50 0.00	16.55 1.41 0.00	15.49 1.29 0.00	15.31 1.28 0.00	15.59 1.30 0.00	16.18 1.40 0.00	20.21 1.57 -2.44	20.80 1.59 -2.32	20.83 1.31 -5.28	20.88 1.26 -5.47	19.78 1.21 -4.15	18.05 1.25 -2.16	18.44 1.06 -5.14	18.28 0.91 -6.68	17.98 1.00 -5.51	18.53 1.12 -5.25	25.83 1.13 -13.26	35.01 1.53 -19.33	40.16 2.60 -16.26	38.27 2.61 -14.28	32.77 2.45 -9.00	25.73 1.99 -4.44	20.92 1.81 -0.65	18.48 1.62 0.00
MARSH_HILL_WT_PWR 323713	16.44 0.00 0.00	15.19 0.05 0.00	14.06 -0.14 0.00	13.96 -0.07 0.00	14.26 -0.03 0.00	14.71 -0.07 0.00	16.11 -0.45 -0.37	16.73 -0.44 -0.28	14.52 -0.34 -0.62	14.50 -0.37 -0.72	14.42 -0.42 -0.41	14.30 -0.44 -0.08	12.51 -0.27 -0.54	11.19 -0.24 -0.74	11.76 -0.22 -0.51	12.36 -0.22 -0.41	13.15 -0.22 -1.93	16.81 -0.27 -2.93	23.29 -0.47 -2.46	23.05 -0.23 -1.90	22.34 -0.34 -1.36	19.71 -0.27 -0.67	18.39 -0.17 -0.10	17.20 0.34 0.00
MCINTYRE_115KV_TB2 80467	16.35 -0.10 0.00	15.05 -0.09 0.00	14.20 0.00 0.00	13.96 -0.07 0.00	14.19 -0.10 0.00	14.66 -0.12 0.00	16.00 -0.19 0.00	18.75 -0.24 -2.10	15.83 -0.20 -1.78	15.72 -0.21 -1.78	16.50 -0.20 -2.28	17.13 -0.19 -2.67	14.46 -0.16 -2.38	12.74 -0.14 -2.19	13.56 -0.20 -2.28	14.32 -0.21 -2.36	12.69 -0.19 -1.45	15.65 -0.27 -1.77	23.63 -0.30 -2.63	23.63 -0.38 -2.63	23.60 -0.34 -2.62	21.41 -0.29 -2.39	20.44 -0.30 -2.28	18.67 -0.27 -2.08
MECO____69_KV_BK1 80468	18.17 1.73 0.00	16.74 1.59 0.00	15.69 1.49 0.00	15.49 1.46 0.00	15.76 1.47 0.00	16.41 1.63 0.00	20.45 1.81 -2.44	21.04 1.82 -2.32	21.05 1.52 -5.28	21.07 1.44 -5.47	19.93 1.36 -4.15	18.22 1.41 -2.16	18.60 1.22 -5.14	18.39 1.02 -6.68	18.13 1.15 -5.51	18.70 1.29 -5.25	26.02 1.32 -13.26	35.26 1.78 -19.33	40.65 3.09 -16.26	38.72 3.06 -14.28	33.20 2.88 -9.00	26.04 2.30 -4.44	21.19 2.09 -0.65	18.73 1.87 0.00
MENANDS_115KV_TB5 355628	16.92 0.48 0.00	15.63 0.48 0.00	14.63 0.43 0.00	14.43 0.39 0.00	14.69 0.40 0.00	15.22 0.44 0.00	19.00 0.44 -2.37	19.67 0.47 -2.30	19.87 0.38 -5.24	19.92 0.38 -5.38	18.99 0.40 -4.16	17.33 0.42 -2.25	17.74 0.35 -5.14	17.66 0.31 -6.67	17.38 0.34 -5.56	17.87 0.36 -5.34	24.69 0.32 -12.93	33.32 0.40 -18.77	37.71 0.62 -15.79	36.04 0.62 -14.03	30.66 0.60 -8.74	24.16 0.54 -4.31	19.59 0.50 -0.63	17.33 0.47 0.00
MG INDUSTRY__DRP 24185	16.99 0.54 0.00	15.66 0.51 0.00	14.67 0.47 0.00	14.48 0.45 0.00	14.75 0.46 0.00	15.27 0.49 0.00	19.04 0.52 -2.32	19.69 0.52 -2.27	19.86 0.43 -5.18	19.87 0.41 -5.30	18.99 0.43 -4.13	17.36 0.44 -2.26	17.70 0.37 -5.10	17.61 0.32 -6.60	17.36 0.36 -5.53	17.87 0.38 -5.33	24.47 0.34 -12.69	32.99 0.44 -18.40	37.46 0.68 -15.48	35.89 0.68 -13.82	30.57 0.68 -8.57	24.11 0.58 -4.22	19.63 0.55 -0.62	17.38 0.52 0.00
MID__OSWEGATCHIE_HYD 23849	16.49 0.05 0.00	15.21 0.06 0.00	14.26 0.06 0.00	14.06 0.03 0.00	14.30 0.01 0.00	14.78 0.00 0.00	16.10 -0.15 -0.05	18.56 -0.17 -1.83	15.70 -0.16 -1.61	15.62 -0.16 -1.62	16.27 -0.16 -2.01	16.77 -0.18 -2.30	14.22 -0.13 -2.11	12.56 -0.11 -1.98	13.35 -0.15 -2.02	14.07 -0.17 -2.08	12.79 -0.16 -1.52	15.88 -0.20 -1.93	23.71 -0.19 -2.60	23.69 -0.21 -2.52	23.57 -0.19 -2.44	21.27 -0.17 -2.14	20.24 -0.18 -1.97	18.49 -0.15 -1.78
MID__RAQUETTE_HYD 23851	16.25 -0.20 0.00	14.96 -0.18 0.00	14.10 -0.10 0.00	13.86 -0.17 0.00	14.07 -0.21 0.00	14.54 -0.24 0.00	15.86 -0.34 0.00	19.11 -0.41 -2.62	16.15 -0.33 -2.23	16.05 -0.33 -2.22	16.97 -0.30 -2.85	17.69 -0.31 -3.34	14.96 -0.26 -2.98	13.19 -0.24 -2.74	14.04 -0.29 -2.86	14.82 -0.30 -2.96	12.94 -0.31 -1.81	15.89 -0.47 -2.21	23.97 -0.62 -3.29	23.97 -0.71 -3.29	23.92 -0.68 -3.29	21.76 -0.54 -2.99	20.84 -0.48 -2.86	19.01 -0.46 -2.61
MILLIKEN__1 23584	16.81 0.36 0.00	15.49 0.35 0.00	14.43 0.23 0.00	14.30 0.27 0.00	14.62 0.33 0.00	15.10 0.33 0.00	16.90 0.34 -0.36	17.57 0.41 -0.27	15.18 0.33 -0.61	15.18 0.33 -0.71	15.13 0.30 -0.41	15.04 0.31 -0.08	13.06 0.28 -0.53	11.66 0.25 -0.72	12.25 0.28 -0.50	12.87 0.30 -0.41	13.63 0.29 -1.90	17.44 0.41 -2.88	24.36 0.64 -2.42	24.00 0.75 -1.87	23.30 0.64 -1.34	20.51 0.54 -0.66	19.05 0.50 -0.10	17.40 0.54 0.00
MILLIKEN__2 23585	16.81 0.36 0.00	15.49 0.35 0.00	14.43 0.23 0.00	14.30 0.27 0.00	14.62 0.33 0.00	15.10 0.33 0.00	16.90 0.34 -0.36	17.57 0.41 -0.27	15.18 0.33 -0.61	15.18 0.33 -0.71	15.13 0.30 -0.41	15.04 0.31 -0.08	13.06 0.28 -0.53	11.66 0.25 -0.72	12.25 0.28 -0.50	12.87 0.30 -0.41	13.63 0.29 -1.90	17.44 0.41 -2.88	24.36 0.64 -2.42	24.00 0.75 -1.87	23.30 0.64 -1.34	20.51 0.54 -0.66	19.05 0.50 -0.10	17.40 0.54 0.00
MILLIKEN__DIESEL 23629	16.81 0.36 0.00	15.49 0.35 0.00	14.43 0.23 0.00	14.30 0.27 0.00	14.62 0.33 0.00	15.10 0.33 0.00	16.90 0.34 -0.36	17.57 0.41 -0.27	15.18 0.33 -0.61	15.18 0.33 -0.71	15.13 0.30 -0.41	15.04 0.31 -0.08	13.06 0.28 -0.53	11.66 0.25 -0.72	12.25 0.28 -0.50	12.87 0.30 -0.41	13.63 0.29 -1.90	17.44 0.41 -2.88	24.36 0.64 -2.42	24.00 0.75 -1.87	23.30 0.64 -1.34	20.51 0.54 -0.66	19.05 0.50 -0.10	17.40 0.54 0.00

MILLSEAT___LFGE 323607	16.08 -0.36 0.00	14.87 -0.27 0.00	13.80 -0.40 0.00	13.72 -0.31 0.00	13.97 -0.31 0.00	14.42 -0.35 0.00	15.84 -0.62 -0.26	16.46 -0.62 -0.19	14.22 -0.46 -0.43	14.20 -0.45 -0.50	14.24 -0.48 -0.29	14.26 -0.45 -0.06	12.40 -0.22 -0.38	11.01 -0.19 -0.52	11.66 -0.17 -0.36	12.28 -0.17 -0.29	12.64 -0.16 -1.36	15.92 -0.30 -2.06	22.44 -0.60 -1.74	22.32 -0.41 -1.34	21.66 -0.62 -0.96	19.28 -0.50 -0.47	18.21 -0.31 -0.07	16.83 -0.03 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	17.46 1.02 0.00	16.05 0.91 0.00	14.98 0.78 0.00	14.78 0.74 0.00	15.05 0.76 0.00	15.59 0.81 0.00	18.99 0.99 -1.80	20.56 1.10 -2.57	21.14 0.93 -5.97	20.36 0.91 -5.30	20.84 0.92 -5.49	19.90 0.92 -4.33	19.50 0.80 -6.46	19.44 0.69 -8.06	19.98 0.75 -7.76	21.14 0.79 -8.19	22.82 0.73 -10.65	29.33 0.91 -14.28	34.61 1.30 -12.01	36.33 1.41 -13.53	29.27 1.30 -6.65	23.80 1.22 -3.28	20.12 1.18 -0.48	17.89 1.03 0.00
MILLWOOD_13_KV_LOAD 356217	17.51 1.07 0.00	16.10 0.95 0.00	15.03 0.82 0.00	14.82 0.79 0.00	15.09 0.80 0.00	15.64 0.86 0.00	19.03 1.04 -1.80	20.61 1.15 -2.57	21.18 0.97 -5.97	20.42 0.96 -5.30	20.88 0.97 -5.49	19.95 0.97 -4.33	19.53 0.83 -6.46	19.46 0.72 -8.06	20.01 0.78 -7.76	21.18 0.83 -8.19	22.84 0.75 -10.65	29.36 0.93 -14.28	34.67 1.36 -12.01	36.43 1.52 -13.53	29.36 1.39 -6.65	23.86 1.27 -3.28	20.18 1.24 -0.48	17.94 1.08 0.00
MODEL_CITY_ENERGY 24167	15.69 -0.76 0.00	14.49 -0.65 0.00	13.51 -0.70 0.00	13.44 -0.59 0.00	13.69 -0.60 0.00	14.13 -0.65 0.00	15.45 -1.02 -0.27	16.05 -1.05 -0.20	13.90 -0.81 -0.46	13.90 -0.79 -0.53	13.89 -0.84 -0.31	13.91 -0.81 -0.06	12.15 -0.49 -0.40	10.81 -0.43 -0.55	11.44 -0.41 -0.38	12.03 -0.44 -0.31	12.46 -0.42 -1.44	15.66 -0.68 -2.19	21.82 -1.32 -1.84	21.69 -1.11 -1.42	21.08 -1.26 -1.02	18.75 -1.06 -0.50	17.74 -0.79 -0.07	16.42 -0.44 0.00
MODERN_LFGE___ 323580	15.69 -0.76 0.00	14.49 -0.65 0.00	13.51 -0.70 0.00	13.44 -0.59 0.00	13.69 -0.60 0.00	14.13 -0.65 0.00	15.45 -1.02 -0.27	16.05 -1.05 -0.20	13.90 -0.81 -0.46	13.90 -0.79 -0.53	13.89 -0.84 -0.31	13.91 -0.81 -0.06	12.15 -0.49 -0.40	10.81 -0.43 -0.55	11.44 -0.41 -0.38	12.03 -0.44 -0.31	12.46 -0.42 -1.44	15.66 -0.68 -2.19	21.82 -1.32 -1.84	21.69 -1.11 -1.42	21.08 -1.26 -1.02	18.75 -1.06 -0.50	17.74 -0.79 -0.07	16.42 -0.44 0.00
MOHAWK_PAPER___DRP 24187	17.02 0.58 0.00	15.69 0.55 0.00	14.68 0.48 0.00	14.48 0.45 0.00	14.75 0.46 0.00	15.28 0.50 0.00	19.10 0.53 -2.37	19.76 0.56 -2.30	19.95 0.46 -5.24	20.00 0.45 -5.39	19.06 0.48 -4.16	17.40 0.50 -2.25	17.80 0.42 -5.14	17.71 0.35 -6.67	17.43 0.39 -5.56	17.93 0.43 -5.34	24.77 0.39 -12.95	33.43 0.48 -18.80	37.88 0.77 -15.82	36.20 0.77 -14.05	30.82 0.75 -8.76	24.28 0.66 -4.32	19.70 0.61 -0.63	17.42 0.56 0.00
MOHICAN__35_KV_115KV_LD 80490	17.61 1.17 0.00	16.19 1.05 0.00	15.15 0.95 0.00	14.94 0.91 0.00	15.22 0.93 0.00	15.80 1.02 0.00	19.73 1.12 -2.42	20.26 1.05 -2.32	20.41 0.88 -5.27	20.55 0.95 -5.45	19.52 0.94 -4.16	17.80 0.95 -2.19	18.17 0.78 -5.15	18.04 0.66 -6.69	17.65 0.63 -5.54	18.16 0.71 -5.30	25.32 0.71 -13.17	34.23 0.91 -19.18	39.11 1.68 -16.13	37.30 1.69 -14.22	31.96 1.71 -8.93	25.12 1.41 -4.40	20.41 1.31 -0.65	18.04 1.18 0.00
MONGAUP___HYD 23641	17.35 0.90 0.00	15.93 0.79 0.00	14.86 0.65 0.00	14.68 0.65 0.00	14.95 0.66 0.00	15.45 0.67 0.00	18.56 0.86 -1.51	16.13 0.91 1.68	10.72 0.74 4.27	13.67 0.71 1.19	8.85 0.71 6.28	6.76 0.72 8.61	6.33 0.60 6.51	4.02 0.53 7.20	2.05 0.57 9.99	0.37 0.62 12.42	17.13 0.56 -5.13	26.89 0.76 -11.98	32.54 1.17 -10.07	20.64 1.28 2.02	28.05 1.15 -5.58	23.06 1.00 -2.75	19.84 0.98 -0.40	17.72 0.86 0.00
MONTAUK___DIESEL 23721	18.62 2.17 0.00	17.01 1.86 0.00	15.79 1.59 0.00	15.52 1.49 0.00	15.93 1.64 0.00	16.60 1.82 0.00	20.14 2.11 -1.83	21.72 2.28 -2.54	21.98 1.84 -5.89	21.28 1.84 -5.29	21.69 1.89 -5.38	20.53 1.71 -4.16	20.01 1.43 -6.34	19.93 1.31 -7.92	20.49 1.45 -7.57	21.78 1.67 -7.95	24.93 1.75 -11.74	30.81 2.12 -14.54	36.84 3.30 -12.25	38.29 3.38 -13.52	31.47 3.35 -6.81	26.99 2.88 -4.80	21.88 2.92 -0.51	19.56 2.68 -0.02
MOONROAD_115KV_HARTFLD_TB1-2 355988	15.97 -0.48 0.00	14.68 -0.47 0.00	13.62 -0.58 0.00	13.54 -0.49 0.00	13.79 -0.50 0.00	14.22 -0.56 0.00	15.28 -1.23 -0.32	15.83 -1.30 -0.24	13.76 -1.01 -0.53	13.73 -1.03 -0.61	13.65 -1.13 -0.35	13.63 -1.10 -0.07	11.96 -0.75 -0.46	10.65 -0.66 -0.63	11.26 -0.65 -0.44	11.84 -0.68 -0.35	12.45 -0.64 -1.66	15.84 -0.82 -2.51	21.98 -1.43 -2.11	21.94 -1.07 -1.63	21.38 -1.11 -1.17	18.98 -0.91 -0.58	17.86 -0.68 -0.08	16.96 0.10 0.00
MORTIMER_115KV_TB3 55949	16.21 -0.23 0.00	14.95 -0.20 0.00	13.89 -0.31 0.00	13.81 -0.22 0.00	14.06 -0.23 0.00	14.53 -0.25 0.00	16.20 -0.21 -0.22	16.85 -0.20 -0.16	14.46 -0.14 -0.36	14.43 -0.14 -0.42	14.53 -0.13 -0.24	14.60 -0.10 -0.05	12.53 -0.02 -0.32	11.09 -0.02 -0.43	11.76 -0.01 -0.30	12.40 0.00 -0.24	12.58 0.01 -1.13	15.83 -0.03 -1.71	22.69 -0.04 -1.44	22.58 0.09 -1.11	22.01 -0.11 -0.79	19.62 -0.08 -0.39	18.50 -0.02 -0.06	16.84 -0.02 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	17.55 1.10 0.00	16.13 0.98 0.00	15.05 0.85 0.00	14.85 0.81 0.00	15.10 0.81 0.00	15.67 0.89 0.00	19.11 1.09 -1.83	20.64 1.20 -2.54	21.14 1.00 -5.89	20.43 0.99 -5.29	20.80 1.00 -5.38	19.83 1.01 -4.17	19.45 0.87 -6.34	19.37 0.76 -7.93	19.86 0.81 -7.57	20.98 0.86 -7.96	23.01 0.81 -10.76	29.67 0.99 -14.54	34.91 1.38 -12.23	36.40 1.50 -13.52	29.45 1.36 -6.77	23.96 1.31 -3.34	20.24 1.29 -0.49	17.99 1.13 0.00
MUNSVILLE_WIND_PWR 323609	17.48 1.04 0.00	16.16 1.01 0.00	14.98 0.78 0.00	14.86 0.83 0.00	15.17 0.89 0.00	15.68 0.90 0.00	17.68 0.91 -0.58	18.36 1.03 -0.43	16.02 0.80 -0.97	16.03 0.75 -1.13	15.77 0.69 -0.65	15.43 0.64 -0.13	13.69 0.60 -0.85	12.43 0.59 -1.16	12.85 0.57 -0.80	13.41 0.60 -0.65	15.09 0.61 -3.05	19.73 0.96 -4.62	26.74 1.55 -3.88	26.09 1.71 -2.99	25.15 1.68 -2.15	21.74 1.37 -1.06	19.81 1.20 -0.16	18.17 1.32 0.00
N SALMON___HYD 24042	16.28 -0.16 0.00	15.02 -0.12 0.00	14.15 -0.06 0.00	13.81 -0.23 0.00	13.94 -0.34 0.00	14.32 -0.46 0.00	15.52 -0.68 0.00	27.21 -0.81 -11.13	23.07 -0.64 -9.46	22.93 -0.65 -9.43	25.89 -0.62 -12.09	28.21 -0.61 -14.17	24.35 -0.51 -12.63	21.85 -0.46 -11.62	23.06 -0.53 -12.11	24.16 -0.56 -12.55	18.61 -0.51 -7.69	22.80 -0.72 -9.38	34.28 -0.98 -13.97	34.25 -1.09 -13.96	34.14 -1.11 -13.93	31.02 -0.96 -12.68	29.61 -0.96 -12.11	27.02 -0.91 -11.07
N.AKRON__115KV_KNAPP 355671	16.08 -0.36 0.00	14.84 -0.30 0.00	13.75 -0.45 0.00	13.74 -0.29 0.00	13.97 -0.31 0.00	14.42 -0.35 0.00	15.86 -0.60 -0.26	16.45 -0.64 -0.19	14.21 -0.47 -0.44	14.21 -0.45 -0.51	14.24 -0.48 -0.29	14.26 -0.45 -0.06	12.40 -0.22 -0.38	11.01 -0.19 -0.52	11.68 -0.16 -0.36	12.30 -0.16 -0.29	12.65 -0.16 -1.37	15.92 -0.31 -2.08	22.41 -0.64 -1.75	22.31 -0.43 -1.35	21.65 -0.64 -0.97	19.28 -0.50 -0.48	18.20 -0.33 -0.07	16.84 -0.02 0.00

N.BELMOR_69_KV_BK1 55787	17.74 1.30 0.00	16.24 1.09 0.00	15.11 0.91 0.00	14.86 0.83 0.00	15.20 0.91 0.00	15.80 1.02 0.00	19.28 1.25 -1.83	20.80 1.37 -2.54	21.25 1.11 -5.89	20.56 1.12 -5.29	20.97 1.17 -5.38	19.90 1.08 -4.16	19.51 0.93 -6.34	19.47 0.85 -7.92	19.98 0.94 -7.57	21.16 1.05 -7.95	24.22 1.04 -11.74	29.92 1.23 -14.54	35.36 1.83 -12.23	36.82 1.92 -13.51	29.97 1.85 -6.79	25.81 1.70 -4.80	20.68 1.72 -0.51	18.43 1.55 -0.02
N.E_GEN_SANDY PD 24062	17.20 0.76 0.00	15.83 0.68 0.00	14.80 0.60 0.00	14.59 0.56 0.00	14.86 0.57 0.00	15.40 0.62 0.00	19.05 0.70 -2.16	20.01 0.76 -2.35	20.30 0.66 -5.40	20.10 0.67 -5.28	19.61 0.66 -4.52	18.20 0.67 -2.87	18.30 0.58 -5.48	18.20 0.50 -7.01	18.20 0.55 -6.17	18.90 0.57 -6.17	24.00 0.54 -12.03	31.89 0.65 -17.09	36.61 0.94 -14.38	36.00 0.94 -13.68	30.22 0.94 -7.96	24.10 0.87 -3.92	19.88 0.85 -0.58	17.60 0.74 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	17.43 0.99 0.00	16.02 0.88 0.00	14.95 0.75 0.00	14.76 0.73 0.00	15.02 0.73 0.00	15.56 0.78 0.00	18.83 0.96 -1.68	20.69 1.05 -2.75	21.55 0.88 -6.41	20.49 0.88 -5.46	21.43 0.88 -6.12	20.71 0.89 -5.16	20.12 0.76 -7.12	20.15 0.67 -8.79	20.95 0.72 -8.75	22.34 0.77 -9.41	22.41 0.71 -10.26	28.33 0.89 -13.29	33.78 1.30 -11.18	36.61 1.39 -13.84	28.79 1.28 -6.19	23.54 1.18 -3.05	20.05 1.14 -0.45	17.87 1.01 0.00
N.QUEENS_27_KV_LOAD 356247	17.46 1.04 0.02	16.05 0.92 0.02	15.00 0.81 0.02	14.77 0.76 0.02	15.03 0.76 0.02	15.61 0.83 0.00	19.03 1.02 -1.82	20.57 1.15 -2.53	21.13 0.98 -5.89	20.39 0.95 -5.29	20.76 0.95 -5.38	19.82 1.00 -4.17	19.43 0.86 -6.33	19.35 0.75 -7.91	19.84 0.80 -7.56	20.94 0.84 -7.94	22.97 0.79 -10.75	29.63 0.95 -14.54	34.85 1.32 -12.23	36.33 1.43 -13.52	29.30 1.22 -6.77	23.90 1.25 -3.34	20.17 1.22 -0.49	17.92 1.06 0.00
N.TROY___115KV_TB1 355778	17.15 0.71 0.00	15.81 0.67 0.00	14.78 0.58 0.00	14.58 0.55 0.00	14.85 0.56 0.00	15.39 0.61 0.00	19.23 0.65 -2.39	19.89 0.68 -2.31	20.10 0.58 -5.27	20.17 0.59 -5.42	19.20 0.59 -4.18	17.50 0.60 -2.25	17.91 0.50 -5.16	17.83 0.44 -6.70	17.53 0.47 -5.58	18.02 0.50 -5.36	24.96 0.49 -13.03	33.67 0.59 -18.93	38.16 0.94 -15.92	36.43 0.92 -14.13	31.07 0.94 -8.81	24.48 0.83 -4.34	19.89 0.79 -0.64	17.55 0.69 0.00
NARROWS_GT1_1 24228	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
NARROWS_GT1_2 24229	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
NARROWS_GT1_3 24230	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
NARROWS_GT1_4 24231	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
NARROWS_GT1_5 24232	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
NARROWS_GT1_6 24233	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
NARROWS_GT1_7 24234	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
NARROWS_GT1_8 24235	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
NARROWS_GT2_1 24236	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
NARROWS_GT2_2 24237	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00

NARROWS_GT2_3 24238	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
NARROWS_GT2_4 24239	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
NARROWS_GT2_5 24240	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
NARROWS_GT2_6 24241	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
NARROWS_GT2_7 24242	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
NARROWS_GT2_8 24243	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	17.09 0.64 0.00	15.75 0.61 0.00	14.73 0.53 0.00	14.54 0.51 0.00	14.80 0.51 0.00	15.30 0.52 0.00	18.95 0.53 -2.22	19.72 0.57 -2.25	19.82 0.43 -5.15	19.74 0.40 -5.19	19.02 0.42 -4.18	17.49 0.42 -2.42	17.70 0.34 -5.12	17.59 0.30 -6.60	17.44 0.33 -5.63	18.02 0.36 -5.50	23.98 0.32 -12.22	32.23 0.48 -17.60	36.96 0.85 -14.81	35.76 0.88 -13.49	30.31 0.79 -8.20	23.97 0.62 -4.04	19.62 0.57 -0.59	17.38 0.52 0.00
NCHELSEA_115KV_TR2 355582	17.50 1.05 0.00	16.07 0.92 0.00	15.00 0.80 0.00	14.79 0.76 0.00	15.06 0.77 0.00	15.58 0.80 0.00	19.01 0.97 -1.85	20.48 1.08 -2.51	20.95 0.90 -5.81	20.28 0.88 -5.25	20.57 0.88 -5.27	19.57 0.89 -4.03	19.22 0.76 -6.22	19.14 0.66 -7.79	19.59 0.71 -7.40	20.67 0.75 -7.75	22.90 0.67 -10.79	29.67 0.88 -14.64	34.93 1.32 -12.32	36.27 1.45 -13.43	29.44 1.30 -6.82	23.85 1.18 -3.36	20.10 1.14 -0.49	17.87 1.01 0.00
NEG CAPITAL___MECHNVIL 23645	17.40 0.95 0.00	16.01 0.86 0.00	14.97 0.77 0.00	14.78 0.74 0.00	15.04 0.76 0.00	15.61 0.83 0.00	19.51 0.91 -2.41	20.11 0.89 -2.32	20.29 0.77 -5.27	20.37 0.78 -5.44	19.37 0.78 -4.17	17.66 0.79 -2.21	18.06 0.66 -5.16	17.95 0.57 -6.70	17.62 0.58 -5.56	18.13 0.64 -5.32	25.21 0.64 -13.13	34.05 0.81 -19.10	38.73 1.36 -16.06	36.95 1.37 -14.19	31.56 1.34 -8.89	24.81 1.12 -4.38	20.17 1.07 -0.64	17.80 0.94 0.00
NEG CENTRAL_HIGH_ACRES 23767	16.00 -0.44 0.00	14.78 -0.36 0.00	13.72 -0.48 0.00	13.61 -0.42 0.00	13.89 -0.40 0.00	14.34 -0.44 0.00	15.99 -0.42 -0.21	16.65 -0.41 -0.16	14.27 -0.33 -0.35	14.25 -0.31 -0.41	14.37 -0.29 -0.24	14.41 -0.29 -0.05	12.35 -0.20 -0.31	10.94 -0.17 -0.42	11.59 -0.17 -0.29	12.23 -0.17 -0.24	12.38 -0.16 -1.11	15.61 -0.21 -1.68	22.43 -0.28 -1.41	22.30 -0.17 -1.09	21.74 -0.36 -0.78	19.38 -0.31 -0.38	18.24 -0.28 -0.06	16.59 -0.27 0.00
NEG CENTRAL___DRP 24199	16.51 0.07 0.00	15.22 0.08 0.00	14.16 -0.04 0.00	14.03 0.00 0.00	14.35 0.06 0.00	14.82 0.04 0.00	16.45 0.02 -0.23	17.12 0.05 -0.18	14.68 0.04 -0.39	14.67 0.06 -0.46	14.73 0.04 -0.26	14.75 0.04 -0.05	12.66 0.07 -0.34	11.21 0.05 -0.47	11.88 0.08 -0.32	12.52 0.10 -0.26	12.76 0.09 -1.23	16.15 0.14 -1.86	23.10 0.23 -1.57	22.95 0.36 -1.21	22.42 0.23 -0.87	19.91 0.17 -0.43	18.69 0.17 -0.06	17.11 0.25 0.00
NEG CENTRAL___INDECK 23768	16.69 0.25 0.00	15.43 0.29 0.00	14.27 0.07 0.00	14.16 0.13 0.00	14.46 0.17 0.00	14.91 0.13 0.00	16.54 0.03 -0.31	17.21 0.08 -0.23	14.83 0.07 -0.51	14.78 0.03 -0.60	14.77 0.00 -0.34	14.71 -0.01 -0.07	12.77 0.07 -0.45	11.37 0.06 -0.62	12.00 0.10 -0.42	12.65 0.15 -0.35	13.21 0.16 -1.62	16.82 0.23 -2.45	23.80 0.45 -2.06	23.61 0.64 -1.59	22.86 0.40 -1.14	20.26 0.39 -0.56	18.93 0.39 -0.08	17.41 0.56 0.00
NEG CENTRAL___SENECA 23627	16.54 0.10 0.00	15.24 0.09 0.00	14.16 -0.04 0.00	14.06 0.03 0.00	14.36 0.07 0.00	14.84 0.06 0.00	16.45 0.00 -0.26	17.12 0.03 -0.19	14.71 0.03 -0.43	14.70 0.04 -0.50	14.76 0.04 -0.29	14.74 0.03 -0.06	12.69 0.07 -0.38	11.27 0.06 -0.52	11.92 0.09 -0.36	12.56 0.11 -0.29	12.91 0.11 -1.35	16.37 0.17 -2.05	23.30 0.28 -1.72	23.12 0.41 -1.33	22.53 0.26 -0.95	19.97 0.19 -0.47	18.73 0.20 -0.07	17.20 0.34 0.00
NEG CENTRAL___STATE_STREET 24147	16.61 0.16 0.00	15.31 0.17 0.00	14.26 0.06 0.00	14.14 0.11 0.00	14.45 0.16 0.00	14.94 0.16 0.00	16.61 0.18 -0.23	17.30 0.24 -0.17	14.83 0.20 -0.39	14.81 0.21 -0.45	14.88 0.20 -0.26	14.91 0.21 -0.05	12.78 0.20 -0.34	11.32 0.17 -0.46	11.99 0.20 -0.32	12.64 0.22 -0.26	12.84 0.19 -1.21	16.28 0.30 -1.83	23.31 0.47 -1.54	23.13 0.56 -1.19	22.62 0.45 -0.85	20.10 0.37 -0.42	18.83 0.31 -0.06	17.20 0.34 0.00
NEG MILLWOOD___DRP 24198	17.61 1.17 0.00	16.21 1.06 0.00	15.10 0.89 0.00	14.89 0.86 0.00	15.19 0.90 0.00	15.73 0.95 0.00	19.22 1.13 -1.89	20.64 1.27 -2.48	21.06 1.07 -5.74	20.44 1.05 -5.24	20.63 1.05 -5.15	19.56 1.06 -3.85	19.24 0.89 -6.11	19.10 0.75 -7.67	19.51 0.83 -7.21	20.53 0.86 -7.50	23.14 0.75 -10.95	30.10 0.98 -14.98	35.39 1.49 -12.60	36.56 1.73 -13.44	29.83 1.53 -6.97	24.10 1.35 -3.44	20.25 1.29 -0.50	17.99 1.13 0.00

NEG NORTH_FLCN_SEA 23793	16.26 -0.18 0.00	15.02 -0.12 0.00	14.14 -0.06 0.00	13.79 -0.24 0.00	13.90 -0.39 0.00	14.23 -0.55 0.00	15.37 -0.83 0.00	-0.55 -0.98 16.47	-0.53 -0.78 14.00	-0.58 -0.78 13.95	-4.20 -0.74 17.89	-7.06 -0.73 20.98	-7.07 -0.62 18.69	-7.06 -0.54 17.20	-7.07 -0.62 17.93	-7.06 -0.64 18.58	-0.55 -0.61 11.38	-0.56 -0.83 13.88	-0.54 -1.17 20.67	-0.53 -1.26 20.66	-0.55 -1.26 20.62	-0.56 -1.10 18.77	-0.56 -1.09 17.93	-0.55 -1.03 16.38
NEG NORTH_KES_CHATEGAY 23792	16.15 -0.30 0.00	14.90 -0.24 0.00	14.05 -0.16 0.00	13.71 -0.32 0.00	13.83 -0.46 0.00	14.16 -0.62 0.00	15.32 -0.87 0.00	-1.65 -1.03 17.52	-1.48 -0.84 14.89	-1.52 -0.84 14.84	-5.42 -0.82 19.03	-8.48 -0.82 22.31	-8.33 -0.70 19.88	-8.23 -0.62 18.30	-8.28 -0.69 19.07	-8.33 -0.73 19.76	-1.34 -0.67 12.10	-1.50 -0.89 14.76	-1.94 -1.26 21.99	-1.96 -1.37 21.97	-1.97 -1.36 21.93	-1.85 -1.20 19.96	-1.79 -1.18 19.07	-1.68 -1.11 17.42
NEG NORTH___ALICE_FALLS 23915	16.28 -0.16 0.00	15.02 -0.12 0.00	14.16 -0.04 0.00	13.79 -0.24 0.00	13.90 -0.39 0.00	14.23 -0.55 0.00	15.37 -0.83 0.00	-0.67 -0.93 16.63	-0.62 -0.73 14.14	-0.67 -0.74 14.09	-4.34 -0.69 18.07	-7.23 -0.69 21.19	-7.21 -0.58 18.88	-7.20 -0.51 17.37	-7.21 -0.57 18.11	-7.21 -0.61 18.76	-0.61 -0.56 11.49	-0.65 -0.78 14.02	-0.65 -1.06 20.88	-0.66 -1.18 20.87	-0.70 -1.19 20.82	-0.71 -1.06 18.96	-0.70 -1.05 18.11	-0.68 -0.99 16.55
NEG NORTH___LWR_SARANAC 23913	16.28 -0.16 0.00	15.02 -0.12 0.00	14.16 -0.04 0.00	13.79 -0.24 0.00	13.90 -0.39 0.00	14.23 -0.55 0.00	15.37 -0.83 0.00	-0.67 -0.93 16.63	-0.62 -0.73 14.14	-0.67 -0.74 14.09	-4.34 -0.69 18.07	-7.23 -0.69 21.19	-7.21 -0.58 18.88	-7.20 -0.51 17.37	-7.21 -0.57 18.11	-7.21 -0.61 18.76	-0.61 -0.56 11.49	-0.65 -0.78 14.02	-0.65 -1.06 20.88	-0.66 -1.18 20.87	-0.70 -1.19 20.82	-0.71 -1.06 18.96	-0.70 -1.05 18.11	-0.68 -0.99 16.55
NEG NORTH___PLATTSBURG 23628	16.28 -0.16 0.00	15.04 -0.11 0.00	14.16 -0.04 0.00	13.79 -0.24 0.00	13.90 -0.39 0.00	14.23 -0.55 0.00	15.37 -0.83 0.00	-0.68 -0.95 16.63	-0.65 -0.76 14.14	-0.68 -0.74 14.09	-4.33 -0.69 18.07	-7.23 -0.69 21.19	-7.21 -0.58 18.88	-7.20 -0.51 17.37	-7.21 -0.57 18.11	-7.21 -0.61 18.76	-0.61 -0.56 11.49	-0.65 -0.78 14.02	-0.62 -1.04 20.88	-0.66 -1.18 20.87	-0.72 -1.21 20.82	-0.73 -1.08 18.96	-0.72 -1.07 18.11	-0.70 -1.01 16.55
NEG WEST_LEA_LOCKPORT 23791	15.84 -0.61 0.00	14.62 -0.53 0.00	13.56 -0.64 0.00	13.56 -0.48 0.00	13.79 -0.50 0.00	14.23 -0.55 0.00	15.62 -0.84 -0.27	16.18 -0.91 -0.20	14.02 -0.68 -0.45	14.02 -0.67 -0.53	14.02 -0.71 -0.30	14.03 -0.69 -0.06	12.25 -0.39 -0.40	10.89 -0.34 -0.54	11.54 -0.31 -0.37	12.14 -0.33 -0.30	12.53 -0.33 -1.42	15.76 -0.55 -2.16	22.01 -1.11 -1.82	21.89 -0.90 -1.40	21.28 -1.04 -1.01	18.93 -0.87 -0.50	17.90 -0.63 -0.07	16.61 -0.25 0.00
NEG WEST___LANCASTR 23811	16.48 0.03 0.00	15.18 0.03 0.00	14.09 -0.11 0.00	14.05 0.01 0.00	14.32 0.03 0.00	14.76 -0.01 0.00	15.25 -1.26 -0.31	15.79 -1.33 -0.23	13.73 -1.04 -0.52	13.73 -1.03 -0.61	13.68 -1.10 -0.35	13.65 -1.07 -0.07	11.96 -0.73 -0.46	10.66 -0.65 -0.62	11.26 -0.64 -0.43	11.83 -0.68 -0.35	12.41 -0.66 -1.64	15.73 -0.91 -2.48	21.79 -1.60 -2.09	21.63 -1.37 -1.61	21.00 -1.47 -1.16	18.58 -1.29 -0.57	17.47 -1.07 -0.08	17.30 0.44 0.00
NEG_PENN_ALLEGHNY 23528	16.72 0.28 0.00	15.42 0.27 0.00	14.36 0.16 0.00	14.23 0.20 0.00	14.52 0.23 0.00	15.02 0.24 0.00	16.90 0.13 -0.58	17.48 0.15 -0.43	15.35 0.14 -0.96	15.41 0.14 -1.12	15.20 0.13 -0.64	14.92 0.13 -0.13	13.25 0.16 -0.85	11.97 0.14 -1.15	12.43 0.16 -0.79	12.98 0.17 -0.65	14.62 0.16 -3.02	18.92 0.20 -4.57	25.40 0.26 -3.85	24.71 0.36 -2.96	23.75 0.30 -2.13	20.61 0.25 -1.05	18.87 0.26 -0.15	17.28 0.42 0.00
NEG___GEN_MONROE 24207	16.25 -0.20 0.00	14.99 -0.15 0.00	13.92 -0.28 0.00	13.84 -0.20 0.00	14.09 -0.20 0.00	14.56 -0.22 0.00	16.17 -0.24 -0.22	16.80 -0.25 -0.16	14.43 -0.19 -0.36	14.41 -0.17 -0.42	14.49 -0.17 -0.24	14.54 -0.16 -0.05	12.50 -0.06 -0.32	11.04 -0.07 -0.43	11.71 -0.07 -0.30	12.36 -0.05 -0.24	12.55 -0.02 -1.14	15.78 -0.10 -1.73	22.54 -0.21 -1.45	22.46 -0.04 -1.12	21.93 -0.19 -0.80	19.53 -0.17 -0.40	18.44 -0.07 -0.06	16.86 0.00 0.00
NEPA___ENERGY 23901	16.25 -0.20 0.00	14.96 -0.18 0.00	13.89 -0.31 0.00	13.85 -0.18 0.00	14.10 -0.19 0.00	14.56 -0.22 0.00	15.71 -0.81 -0.32	16.27 -0.86 -0.24	14.14 -0.64 -0.53	14.15 -0.62 -0.62	14.10 -0.68 -0.36	14.07 -0.66 -0.07	12.31 -0.40 -0.47	10.97 -0.35 -0.64	11.59 -0.32 -0.44	12.18 -0.34 -0.36	12.78 -0.33 -1.67	16.19 -0.50 -2.53	22.45 -0.98 -2.13	22.28 -0.75 -1.64	21.67 -0.83 -1.18	19.18 -0.71 -0.58	18.03 -0.52 -0.09	17.06 0.20 0.00
NEVERSINK___HYD 23608	17.51 1.07 0.00	16.07 0.92 0.00	14.97 0.77 0.00	14.79 0.76 0.00	15.06 0.77 0.00	15.56 0.78 0.00	18.75 1.00 -1.55	19.33 1.08 -1.35	18.19 0.88 -3.06	18.31 0.85 -3.30	17.57 0.85 -2.29	16.50 0.86 -0.98	15.85 0.72 -2.89	15.14 0.64 -3.81	15.14 0.69 -2.98	15.62 0.73 -2.73	20.43 0.66 -8.33	27.35 0.89 -12.31	33.00 1.34 -10.36	31.52 1.47 -8.66	28.38 1.32 -5.73	23.31 1.18 -2.83	20.02 1.14 -0.41	17.87 1.01 0.00
NEWKRMKL_115KV_TB1 55635	16.84 0.39 0.00	15.55 0.41 0.00	14.56 0.36 0.00	14.37 0.34 0.00	14.63 0.34 0.00	15.15 0.37 0.00	18.94 0.37 -2.37	19.60 0.41 -2.30	19.79 0.31 -5.23	19.84 0.31 -5.38	18.91 0.33 -4.15	17.25 0.37 -2.23	17.67 0.31 -5.13	17.60 0.26 -6.65	17.30 0.29 -5.54	17.79 0.30 -5.32	24.63 0.26 -12.93	33.26 0.33 -18.79	37.61 0.51 -15.80	35.92 0.51 -14.02	30.58 0.51 -8.75	24.04 0.42 -4.31	19.50 0.41 -0.63	17.25 0.39 0.00
NEWTON___FALLS_HYD 23847	16.49 0.05 0.00	15.21 0.06 0.00	14.26 0.06 0.00	14.06 0.03 0.00	14.30 0.01 0.00	14.78 0.00 0.00	16.10 -0.15 -0.05	18.56 -0.17 -1.83	15.70 -0.16 -1.61	15.62 -0.16 -1.62	16.27 -0.16 -2.01	16.77 -0.18 -2.30	14.22 -0.13 -2.11	12.56 -0.11 -1.98	13.35 -0.15 -2.02	14.07 -0.17 -2.08	12.79 -0.16 -1.52	15.88 -0.20 -1.93	23.71 -0.19 -2.60	23.69 -0.21 -2.52	23.57 -0.19 -2.44	21.27 -0.17 -2.14	20.24 -0.18 -1.97	18.49 -0.15 -1.78
NGRID_A1_DSASP 323792	15.49 -0.95 0.00	14.45 -0.70 0.00	13.32 -0.88 0.00	13.26 -0.77 0.00	13.50 -0.79 0.00	13.94 -0.84 0.00	15.37 -1.08 -0.26	15.97 -1.12 -0.19	13.82 -0.87 -0.44	13.82 -0.85 -0.52	13.82 -0.89 -0.29	13.83 -0.86 -0.04	12.09 -0.54 -0.39	10.75 -0.47 -0.53	11.40 -0.46 -0.38	11.97 -0.49 -0.29	12.41 -0.46 -1.44	15.62 -0.75 -2.22	21.72 -1.45 -1.87	21.56 -1.26 -1.44	20.97 -1.39 -1.03	18.64 -1.18 -0.51	17.65 -0.89 -0.07	16.29 -0.57 0.00
NGRID_A2_DSASP 323793	15.49 -0.95 0.00	14.45 -0.70 0.00	13.32 -0.88 0.00	13.26 -0.77 0.00	13.50 -0.79 0.00	13.94 -0.84 0.00	15.37 -1.08 -0.26	15.97 -1.12 -0.19	13.82 -0.87 -0.44	13.82 -0.85 -0.52	13.82 -0.89 -0.29	13.83 -0.86 -0.04	12.09 -0.54 -0.39	10.75 -0.47 -0.53	11.40 -0.46 -0.38	11.97 -0.49 -0.29	12.41 -0.46 -1.44	15.62 -0.75 -2.22	21.72 -1.45 -1.87	21.56 -1.26 -1.44	20.97 -1.39 -1.03	18.64 -1.18 -0.51	17.65 -0.89 -0.07	16.29 -0.57 0.00

NGRID_A4_DSASP 323807	15.49 -0.95 0.00	14.45 -0.70 0.00	13.32 -0.88 0.00	13.26 -0.77 0.00	13.50 -0.79 0.00	13.94 -0.84 0.00	15.37 -1.08 -0.26	15.97 -1.12 -0.19	13.82 -0.87 -0.44	13.82 -0.85 -0.52	13.82 -0.89 -0.29	13.83 -0.86 -0.04	12.09 -0.54 -0.39	10.75 -0.47 -0.53	11.40 -0.46 -0.38	11.97 -0.49 -0.29	12.41 -0.46 -1.44	15.62 -0.75 -2.22	21.72 -1.45 -1.87	21.56 -1.26 -1.44	20.97 -1.39 -1.03	18.64 -1.18 -0.51	17.65 -0.89 -0.07	16.29 -0.57 0.00
NIAGARA_115E_LBMP 323715	15.61 -0.84 0.00	14.40 -0.74 0.00	13.45 -0.75 0.00	13.39 -0.65 0.00	13.63 -0.66 0.00	14.07 -0.71 0.00	15.39 -1.08 -0.28	15.97 -1.13 -0.21	13.84 -0.87 -0.46	13.85 -0.85 -0.54	13.84 -0.89 -0.31	13.84 -0.88 -0.06	12.10 -0.55 -0.41	10.76 -0.48 -0.55	11.39 -0.47 -0.38	11.98 -0.50 -0.31	12.42 -0.48 -1.46	15.61 -0.75 -2.21	21.73 -1.43 -1.86	21.58 -1.24 -1.43	20.96 -1.39 -1.03	18.66 -1.16 -0.51	17.65 -0.89 -0.07	16.34 -0.52 0.00
NIAGARA_115W_LBMP 323714	15.46 -0.99 0.00	14.42 -0.73 0.00	13.28 -0.92 0.00	13.23 -0.80 0.00	13.46 -0.83 0.00	13.89 -0.89 0.00	15.34 -1.12 -0.26	15.92 -1.17 -0.19	13.79 -0.90 -0.44	13.80 -0.88 -0.52	13.79 -0.92 -0.29	13.79 -0.91 -0.04	12.05 -0.58 -0.39	10.72 -0.50 -0.53	11.38 -0.48 -0.38	11.94 -0.51 -0.29	12.38 -0.49 -1.43	15.59 -0.78 -2.22	21.65 -1.51 -1.87	21.50 -1.33 -1.44	20.90 -1.45 -1.03	18.60 -1.22 -0.51	17.59 -0.94 -0.07	16.24 -0.62 0.00
NIAGARA_230_LBMP 323716	15.70 -0.74 0.00	14.54 -0.61 0.00	13.49 -0.71 0.00	13.44 -0.59 0.00	13.69 -0.60 0.00	14.13 -0.65 0.00	15.57 -0.91 -0.28	16.16 -0.95 -0.21	14.00 -0.71 -0.46	14.00 -0.69 -0.54	14.00 -0.74 -0.31	14.00 -0.72 -0.06	12.23 -0.42 -0.41	10.87 -0.37 -0.55	11.51 -0.34 -0.38	12.11 -0.36 -0.31	12.54 -0.35 -1.45	15.75 -0.59 -2.20	21.94 -1.21 -1.85	21.78 -1.03 -1.43	21.19 -1.15 -1.02	18.85 -0.96 -0.50	17.83 -0.70 -0.07	16.49 -0.37 0.00
NIAGARA__115KV_198_GIBSON 55903	15.46 -0.99 0.00	14.24 -0.91 0.00	13.22 -0.98 0.00	13.23 -0.80 0.00	13.46 -0.83 0.00	13.89 -0.89 0.00	15.37 -1.09 -0.26	15.92 -1.17 -0.19	13.79 -0.90 -0.44	13.80 -0.88 -0.52	13.79 -0.92 -0.29	13.79 -0.91 -0.04	12.05 -0.58 -0.39	10.72 -0.50 -0.53	11.38 -0.48 -0.38	11.94 -0.51 -0.29	12.38 -0.49 -1.43	15.57 -0.79 -2.22	21.65 -1.51 -1.87	21.52 -1.30 -1.44	20.92 -1.43 -1.03	18.60 -1.22 -0.51	17.59 -0.94 -0.07	16.24 -0.62 0.00
NIAGARA____ 23760	15.70 -0.74 0.00	14.54 -0.61 0.00	13.49 -0.71 0.00	13.44 -0.59 0.00	13.69 -0.60 0.00	14.13 -0.65 0.00	15.56 -0.91 -0.27	16.15 -0.95 -0.20	13.99 -0.71 -0.46	13.99 -0.69 -0.53	13.99 -0.74 -0.30	13.99 -0.72 -0.06	12.22 -0.42 -0.40	10.86 -0.37 -0.54	11.52 -0.34 -0.38	12.10 -0.36 -0.30	12.53 -0.35 -1.45	15.77 -0.59 -2.21	21.94 -1.21 -1.86	21.79 -1.03 -1.43	21.20 -1.15 -1.03	18.85 -0.96 -0.51	17.83 -0.70 -0.07	16.49 -0.37 0.00
NINE_MILE_1 23575	16.12 -0.33 0.00	14.84 -0.30 0.00	13.88 -0.33 0.00	13.72 -0.31 0.00	13.99 -0.30 0.00	14.47 -0.31 0.00	15.97 -0.34 -0.11	16.64 -0.34 -0.08	14.15 -0.28 -0.19	14.09 -0.28 -0.22	14.28 -0.27 -0.13	14.40 -0.28 -0.03	12.16 -0.24 -0.17	10.70 -0.21 -0.22	11.40 -0.23 -0.15	12.05 -0.24 -0.13	11.80 -0.23 -0.59	14.76 -0.28 -0.89	21.62 -0.43 -0.75	21.60 -0.36 -0.58	21.31 -0.43 -0.42	19.13 -0.39 -0.20	18.12 -0.37 -0.03	16.54 -0.32 0.00
NINE_MILE_2 23744	16.12 -0.33 0.00	14.86 -0.29 0.00	13.88 -0.33 0.00	13.72 -0.31 0.00	13.99 -0.30 0.00	14.47 -0.31 0.00	15.97 -0.34 -0.11	16.64 -0.34 -0.08	14.15 -0.28 -0.19	14.10 -0.27 -0.22	14.28 -0.27 -0.13	14.40 -0.28 -0.03	12.16 -0.24 -0.16	10.70 -0.21 -0.22	11.40 -0.23 -0.15	12.05 -0.24 -0.13	11.80 -0.23 -0.59	14.76 -0.28 -0.89	21.64 -0.41 -0.75	21.60 -0.36 -0.58	21.31 -0.43 -0.41	19.13 -0.39 -0.20	18.12 -0.37 -0.03	16.54 -0.32 0.00
NM_CAPITAL____DRP 24208	16.89 0.44 0.00	15.60 0.45 0.00	14.60 0.40 0.00	14.40 0.36 0.00	14.66 0.37 0.00	15.19 0.41 0.00	18.96 0.40 -2.36	19.63 0.44 -2.30	19.84 0.36 -5.24	19.88 0.35 -5.38	18.96 0.38 -4.16	17.30 0.40 -2.25	17.71 0.33 -5.14	17.64 0.29 -6.66	17.36 0.32 -5.56	17.85 0.34 -5.35	24.64 0.30 -12.91	33.26 0.37 -18.74	37.62 0.55 -15.76	35.96 0.56 -14.02	30.60 0.55 -8.73	24.09 0.48 -4.30	19.55 0.46 -0.63	17.28 0.42 0.00
NM_CENTRAL____DRP 24181	16.43 -0.02 0.00	15.15 0.00 0.00	14.12 -0.09 0.00	13.99 -0.04 0.00	14.27 -0.01 0.00	14.76 -0.01 0.00	16.34 -0.02 -0.16	17.03 0.02 -0.12	14.53 0.01 -0.27	14.50 0.03 -0.32	14.63 0.03 -0.18	14.72 0.03 -0.04	12.50 0.02 -0.24	11.04 0.03 -0.32	11.74 0.05 -0.22	12.38 0.04 -0.18	12.32 0.03 -0.85	15.50 0.06 -1.29	22.47 0.09 -1.09	22.37 0.15 -0.84	22.01 0.09 -0.60	19.66 0.06 -0.30	18.56 0.06 -0.04	16.93 0.07 0.00
NM_FRONTIER____DRP 24179	15.46 -0.99 0.00	14.24 -0.91 0.00	13.22 -0.98 0.00	13.23 -0.80 0.00	13.46 -0.83 0.00	13.89 -0.89 0.00	15.37 -1.09 -0.26	15.92 -1.17 -0.19	13.79 -0.90 -0.44	13.80 -0.88 -0.52	13.79 -0.92 -0.29	13.79 -0.91 -0.04	12.05 -0.58 -0.39	10.72 -0.50 -0.53	11.38 -0.48 -0.38	11.94 -0.51 -0.29	12.38 -0.49 -1.43	15.57 -0.79 -2.22	21.65 -1.51 -1.87	21.52 -1.30 -1.44	20.92 -1.43 -1.03	18.60 -1.22 -0.51	17.59 -0.94 -0.07	16.24 -0.62 0.00
NM_ST_REGIS____HYD 24053	16.23 -0.21 0.00	14.96 -0.18 0.00	14.10 -0.10 0.00	13.84 -0.20 0.00	14.03 -0.26 0.00	14.47 -0.31 0.00	15.76 -0.44 0.00	20.75 -0.52 -4.37	17.55 -0.41 -3.72	17.45 -0.41 -3.71	18.77 -0.40 -4.75	19.83 -0.40 -5.57	16.87 -0.33 -4.96	14.96 -0.30 -4.57	15.88 -0.36 -4.76	16.72 -0.38 -4.93	14.09 -0.37 -3.02	17.28 -0.55 -3.69	26.06 -0.72 -5.49	26.06 -0.81 -5.49	25.99 -0.81 -5.48	23.64 -0.66 -4.99	22.61 -0.61 -4.76	20.64 -0.57 -4.35
NORTHPORT____1 23551	17.87 1.43 0.00	16.33 1.18 0.00	15.18 0.98 0.00	14.94 0.91 0.00	15.20 0.92 0.00	15.92 1.14 0.00	19.41 1.38 -1.83	20.94 1.50 -2.54	21.34 1.20 -5.89	20.63 1.19 -5.29	21.04 1.24 -5.38	19.94 1.13 -4.16	19.52 0.94 -6.34	19.51 0.90 -7.92	20.04 1.00 -7.57	21.23 1.12 -7.95	24.34 1.17 -11.74	30.06 1.37 -14.54	35.64 2.11 -12.24	37.02 2.12 -13.52	30.23 2.11 -6.80	26.00 1.89 -4.80	20.90 1.94 -0.51	18.64 1.77 -0.02
NORTHPORT____2 23552	17.87 1.43 0.00	16.33 1.18 0.00	15.18 0.98 0.00	14.94 0.91 0.00	15.20 0.92 0.00	15.92 1.14 0.00	19.41 1.38 -1.83	20.94 1.50 -2.54	21.34 1.20 -5.89	20.63 1.19 -5.29	21.04 1.24 -5.38	19.94 1.13 -4.16	19.52 0.94 -6.34	19.51 0.90 -7.92	20.04 1.00 -7.57	21.23 1.12 -7.95	24.34 1.17 -11.74	30.06 1.37 -14.54	35.64 2.11 -12.24	37.02 2.12 -13.52	30.23 2.11 -6.80	26.00 1.89 -4.80	20.90 1.94 -0.51	18.64 1.77 -0.02
NORTHPORT____3 23553	17.76 1.32 0.00	16.24 1.09 0.00	15.11 0.91 0.00	14.87 0.84 0.00	15.13 0.84 0.00	15.81 1.03 0.00	19.31 1.28 -1.83	20.84 1.40 -2.54	21.27 1.13 -5.89	20.57 1.13 -5.29	20.98 1.18 -5.38	19.90 1.08 -4.16	19.51 0.93 -6.34	19.47 0.86 -7.92	19.98 0.94 -7.57	21.18 1.07 -7.95	24.25 1.07 -11.74	29.82 1.13 -14.54	35.19 1.66 -12.23	36.59 1.69 -13.51	29.86 1.75 -6.79	25.87 1.76 -4.80	20.74 1.77 -0.51	18.46 1.58 -0.02

NORTHPORT___4 23650	17.76 1.32 0.00	16.24 1.09 0.00	15.11 0.91 0.00	14.87 0.84 0.00	15.13 0.84 0.00	15.81 1.03 0.00	19.31 1.28 -1.83	20.84 1.40 -2.54	21.27 1.13 -5.89	20.57 1.13 -5.29	20.98 1.18 -5.38	19.90 1.08 -4.16	19.51 0.93 -6.34	19.47 0.86 -7.92	19.98 0.94 -7.57	21.18 1.07 -7.95	24.25 1.07 -11.74	29.82 1.13 -14.54	35.19 1.66 -12.23	36.59 1.69 -13.51	29.86 1.75 -6.79	25.87 1.76 -4.80	20.74 1.77 -0.51	18.46 1.58 -0.02
NORTHPORT___IC 23718	17.87 1.43 0.00	16.33 1.18 0.00	15.18 0.98 0.00	14.94 0.91 0.00	15.20 0.92 0.00	15.92 1.14 0.00	19.41 1.38 -1.83	20.94 1.50 -2.54	21.34 1.20 -5.89	20.63 1.19 -5.29	21.04 1.24 -5.38	19.94 1.13 -4.16	19.52 0.94 -6.34	19.51 0.90 -7.92	20.04 1.00 -7.57	21.23 1.12 -7.95	24.34 1.17 -11.74	30.06 1.37 -14.54	35.64 2.11 -12.24	37.02 2.12 -13.52	30.23 2.11 -6.80	26.00 1.89 -4.80	20.90 1.94 -0.51	18.64 1.77 -0.02
NORTH___COUNTRY_ESR 323785	16.10 -0.35 0.00	14.89 -0.26 0.00	14.02 -0.19 0.00	13.68 -0.35 0.00	13.80 -0.49 0.00	14.14 -0.64 0.00	15.29 -0.91 0.00	-1.69 -1.05 17.54	-1.53 -0.87 14.91	-1.57 -0.86 14.86	-5.48 -0.85 19.05	-8.54 -0.85 22.34	-8.39 -0.72 19.90	-8.28 -0.64 18.32	-8.33 -0.71 19.09	-8.38 -0.75 19.79	-1.38 -0.70 12.12	-1.55 -0.92 14.78	-2.02 -1.30 22.02	-2.03 -1.41 22.00	-2.02 -1.39 21.96	-1.92 -1.24 19.99	-1.84 -1.20 19.09	-1.73 -1.15 17.45
NPX_GEN_1385_PROXY 323591	17.87 1.43 0.00	16.33 1.18 0.00	15.18 0.98 0.00	14.94 0.91 0.00	15.20 0.92 0.00	15.92 1.14 0.00	19.41 1.38 -1.83	20.94 1.50 -2.54	21.32 1.18 -5.89	20.59 1.15 -5.29	21.00 1.20 -5.38	19.88 1.07 -4.16	19.49 0.91 -6.34	19.54 0.93 -7.92	20.09 1.04 -7.57	21.20 1.08 -7.95	24.32 1.14 -11.74	30.09 1.40 -14.54	35.64 2.11 -12.24	36.80 1.90 -13.52	30.10 1.98 -6.80	25.89 1.78 -4.80	20.87 1.90 -0.51	18.63 1.75 -0.02
NPX_GEN_CSC 323557	18.14 1.69 0.00	16.55 1.41 0.00	15.39 1.19 0.00	15.14 1.11 0.00	15.40 1.12 0.00	16.15 1.37 0.00	19.67 1.64 -1.83	21.19 1.76 -2.54	21.55 1.41 -5.89	20.84 1.40 -5.29	21.24 1.44 -5.38	20.12 1.30 -4.16	19.66 1.08 -6.34	19.61 1.00 -7.92	20.16 1.11 -7.57	21.40 1.29 -7.95	24.54 1.36 -11.74	30.32 1.63 -14.54	36.08 2.53 -12.24	37.52 2.61 -13.52	30.70 2.58 -6.81	26.35 2.24 -4.80	21.27 2.31 -0.51	19.00 2.12 -0.02
NSINS_S_GLNS_FALLS 23858	17.63 1.18 0.00	16.21 1.06 0.00	15.17 0.97 0.00	14.96 0.93 0.00	15.25 0.96 0.00	15.83 1.05 0.00	19.77 1.15 -2.42	20.26 1.05 -2.32	20.42 0.90 -5.27	20.57 0.96 -5.45	19.55 0.97 -4.16	17.81 0.97 -2.19	18.20 0.81 -5.15	18.05 0.67 -6.69	17.66 0.64 -5.54	18.16 0.71 -5.29	25.34 0.72 -13.18	34.24 0.91 -19.19	39.14 1.70 -16.14	37.34 1.73 -14.22	32.00 1.75 -8.94	25.14 1.43 -4.40	20.43 1.33 -0.65	18.06 1.20 0.00
NUCOR_STEEL___DRP 24197	16.64 0.20 0.00	15.36 0.21 0.00	14.30 0.10 0.00	14.17 0.14 0.00	14.49 0.20 0.00	14.97 0.19 0.00	16.63 0.21 -0.22	17.33 0.27 -0.17	14.83 0.21 -0.37	14.80 0.21 -0.43	14.89 0.22 -0.25	14.92 0.22 -0.05	12.76 0.20 -0.33	11.30 0.17 -0.44	11.98 0.20 -0.31	12.62 0.21 -0.25	12.80 0.19 -1.16	16.19 0.28 -1.76	23.23 0.45 -1.48	23.06 0.53 -1.14	22.57 0.43 -0.82	20.08 0.37 -0.40	18.85 0.33 -0.06	17.21 0.35 0.00
NUMBER_THREE_WT_PWR 323818	16.76 0.31 0.00	15.46 0.32 0.00	14.43 0.23 0.00	14.27 0.24 0.00	14.55 0.26 0.00	15.03 0.25 0.00	16.29 0.02 -0.07	17.76 0.02 -0.85	15.03 -0.01 -0.80	14.94 -0.03 -0.82	15.33 -0.04 -0.95	15.61 -0.07 -1.03	13.20 -0.05 -1.01	11.65 -0.01 -0.98	12.40 -0.05 -0.97	13.08 -0.06 -0.98	12.32 -0.05 -0.93	15.43 0.03 -1.25	22.91 0.13 -1.49	22.93 0.17 -1.37	22.76 0.17 -1.27	20.45 0.10 -1.04	19.38 0.04 -0.89	17.74 0.08 -0.79
NYISO_LBMP_REFERENCE 24008	16.44 0.00 0.00	15.15 0.00 0.00	14.20 0.00 0.00	14.03 0.00 0.00	14.29 0.00 0.00	14.78 0.00 0.00	16.20 0.00 0.00	16.90 0.00 0.00	14.25 0.00 0.00	14.15 0.00 0.00	14.42 0.00 0.00	14.65 0.00 0.00	12.24 0.00 0.00	10.69 0.00 0.00	11.48 0.00 0.00	12.16 0.00 0.00	11.44 0.00 0.00	14.15 0.00 0.00	21.30 0.00 0.00	21.38 0.00 0.00	21.32 0.00 0.00	19.31 0.00 0.00	18.46 0.00 0.00	16.86 0.00 0.00
NYPA_BRENTWD___GT 24164	18.04 1.59 0.00	16.46 1.32 0.00	15.31 1.11 0.00	15.06 1.02 0.00	15.33 1.04 0.00	16.06 1.29 0.00	19.57 1.54 -1.83	21.09 1.66 -2.54	21.47 1.33 -5.89	20.77 1.33 -5.29	21.19 1.38 -5.38	20.07 1.26 -4.16	19.63 1.05 -6.34	19.60 0.99 -7.92	20.15 1.10 -7.57	21.37 1.25 -7.95	24.47 1.29 -11.74	30.22 1.53 -14.54	35.90 2.36 -12.24	37.32 2.42 -13.52	30.50 2.39 -6.80	26.23 2.12 -4.80	21.12 2.16 -0.51	18.85 1.97 -0.02
NYPA_GOWANUS___GT5 24156	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
NYPA_GOWANUS___GT6 24157	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.76 1.07 -14.54	35.06 1.53 -12.23	36.52 1.62 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
NYPA_HARLEM__RVR_GT1 24160	17.47 1.04 0.01	16.03 0.89 0.01	14.97 0.78 0.01	14.80 0.77 0.01	15.05 0.77 0.01	15.60 0.83 0.01	19.06 1.04 -1.83	20.58 1.15 -2.53	21.10 0.97 -5.89	20.37 0.93 -5.28	20.75 0.95 -5.37	19.79 0.98 -4.16	19.42 0.84 -6.34	19.35 0.75 -7.92	19.83 0.79 -7.57	20.94 0.83 -7.95	22.97 0.78 -10.76	29.61 0.93 -14.53	34.84 1.32 -12.22	36.30 1.41 -13.51	29.30 1.21 -6.76	23.87 1.24 -3.33	20.14 1.20 -0.48	17.91 1.06 0.01
NYPA_HARLEM__RVR_GT2 24161	17.47 1.04 0.01	16.03 0.89 0.01	14.97 0.78 0.01	14.80 0.77 0.01	15.05 0.77 0.01	15.60 0.83 0.01	19.06 1.04 -1.83	20.58 1.15 -2.53	21.10 0.97 -5.89	20.37 0.93 -5.28	20.75 0.95 -5.37	19.79 0.98 -4.16	19.42 0.84 -6.34	19.35 0.75 -7.92	19.83 0.79 -7.57	20.94 0.83 -7.95	22.97 0.78 -10.76	29.61 0.93 -14.53	34.84 1.32 -12.22	36.30 1.41 -13.51	29.30 1.21 -6.76	23.87 1.24 -3.33	20.14 1.20 -0.48	17.91 1.06 0.01
NYPA_KENT___GT 24152	17.64 1.18 -0.01	16.20 1.04 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.21 1.07 -5.89	20.47 1.03 -5.29	20.86 1.05 -5.38	19.90 1.08 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.93 0.87 -7.58	21.05 0.92 -7.97	23.09 0.88 -10.77	29.75 1.06 -14.54	35.02 1.49 -12.23	36.50 1.60 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.31 1.37 -0.49	18.06 1.20 0.00

NYPA_POUCH1____GT 24155	17.65 1.20 -0.01	16.21 1.06 -0.01	15.13 0.92 -0.01	14.95 0.91 -0.01	15.20 0.90 -0.01	15.74 0.96 0.00	19.22 1.18 -1.84	20.73 1.28 -2.55	21.21 1.07 -5.89	20.47 1.03 -5.29	20.86 1.05 -5.38	19.90 1.08 -4.17	19.52 0.93 -6.35	19.45 0.82 -7.94	19.93 0.87 -7.58	21.05 0.92 -7.97	23.09 0.88 -10.77	29.77 1.09 -14.54	35.08 1.55 -12.23	36.57 1.67 -13.51	29.47 1.38 -6.77	24.05 1.41 -3.34	20.31 1.37 -0.49	18.07 1.21 0.00
NYPA_VERNON____GT2 24162	17.64 1.18 -0.01	16.18 1.03 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.22 1.18 -1.84	20.73 1.28 -2.55	21.21 1.07 -5.89	20.47 1.03 -5.29	20.86 1.05 -5.38	19.90 1.08 -4.17	19.52 0.93 -6.35	19.45 0.82 -7.94	19.93 0.87 -7.58	21.05 0.92 -7.97	23.09 0.88 -10.77	29.73 1.05 -14.54	34.99 1.47 -12.23	36.48 1.58 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.31 1.37 -0.49	18.06 1.20 0.00
NYPA_VERNON____GT3 24163	17.64 1.18 -0.01	16.18 1.03 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.22 1.18 -1.84	20.73 1.28 -2.55	21.21 1.07 -5.89	20.47 1.03 -5.29	20.86 1.05 -5.38	19.90 1.08 -4.17	19.52 0.93 -6.35	19.45 0.82 -7.94	19.93 0.87 -7.58	21.05 0.92 -7.97	23.09 0.88 -10.77	29.73 1.05 -14.54	34.99 1.47 -12.23	36.48 1.58 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.31 1.37 -0.49	18.06 1.20 0.00
NYPA____ASTORIA_CC1 323568	17.62 1.17 -0.01	16.17 1.01 -0.01	15.10 0.90 -0.01	14.91 0.87 -0.01	15.17 0.87 -0.01	15.71 0.93 0.00	19.19 1.15 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.51 0.92 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.07 0.86 -10.77	29.72 1.03 -14.54	34.95 1.43 -12.23	36.44 1.54 -13.52	29.43 1.34 -6.77	24.02 1.37 -3.34	20.28 1.33 -0.49	18.04 1.18 0.00
NYPA____ASTORIA_CC2 323569	17.62 1.17 -0.01	16.17 1.01 -0.01	15.10 0.90 -0.01	14.91 0.87 -0.01	15.17 0.87 -0.01	15.71 0.93 0.00	19.19 1.15 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.51 0.92 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.07 0.86 -10.77	29.72 1.03 -14.54	34.95 1.43 -12.23	36.44 1.54 -13.52	29.43 1.34 -6.77	24.02 1.37 -3.34	20.28 1.33 -0.49	18.04 1.18 0.00
NYPA____HOLTSVILL 23794	18.01 1.56 0.00	16.43 1.29 0.00	15.28 1.08 0.00	15.03 1.00 0.00	15.30 1.01 0.00	16.03 1.26 0.00	19.54 1.51 -1.83	21.06 1.62 -2.54	21.44 1.30 -5.89	20.73 1.29 -5.29	21.14 1.34 -5.38	20.02 1.20 -4.16	19.59 1.00 -6.34	19.55 0.94 -7.92	20.09 1.04 -7.57	21.31 1.19 -7.95	24.43 1.26 -11.74	30.18 1.49 -14.54	35.84 2.30 -12.24	37.26 2.35 -13.52	30.45 2.32 -6.81	26.18 2.07 -4.80	21.09 2.12 -0.51	18.81 1.94 -0.02
NYPA____HELLGATE_GT1 24158	17.47 1.04 0.01	16.03 0.89 0.01	14.97 0.78 0.01	14.80 0.77 0.01	15.05 0.77 0.01	15.60 0.83 0.01	19.06 1.04 -1.83	20.58 1.15 -2.53	21.10 0.97 -5.89	20.37 0.93 -5.28	20.75 0.95 -5.37	19.79 0.98 -4.16	19.42 0.84 -6.34	19.35 0.75 -7.92	19.83 0.79 -7.57	20.94 0.83 -7.95	22.97 0.78 -10.76	29.60 0.92 -14.53	34.82 1.30 -12.22	36.28 1.39 -13.51	29.27 1.19 -6.76	23.87 1.24 -3.33	20.14 1.20 -0.48	17.91 1.06 0.01
NYPA____HELLGATE_GT2 24159	17.47 1.04 0.01	16.03 0.89 0.01	14.97 0.78 0.01	14.80 0.77 0.01	15.05 0.77 0.01	15.60 0.83 0.01	19.06 1.04 -1.83	20.58 1.15 -2.53	21.10 0.97 -5.89	20.37 0.93 -5.28	20.75 0.95 -5.37	19.79 0.98 -4.16	19.42 0.84 -6.34	19.35 0.75 -7.92	19.83 0.79 -7.57	20.94 0.83 -7.95	22.97 0.78 -10.76	29.60 0.92 -14.53	34.82 1.30 -12.22	36.28 1.39 -13.51	29.27 1.19 -6.76	23.87 1.24 -3.33	20.14 1.20 -0.48	17.91 1.06 0.01
NYS_BARGE____HYD 23848	15.84 -0.61 0.00	14.65 -0.50 0.00	13.62 -0.58 0.00	13.56 -0.48 0.00	13.80 -0.49 0.00	14.25 -0.53 0.00	15.59 -0.87 -0.27	16.18 -0.91 -0.20	14.01 -0.68 -0.45	14.01 -0.66 -0.52	14.02 -0.71 -0.30	14.02 -0.69 -0.06	12.24 -0.39 -0.39	10.88 -0.34 -0.54	11.52 -0.32 -0.37	12.13 -0.33 -0.30	12.52 -0.33 -1.41	15.74 -0.55 -2.14	21.99 -1.11 -1.80	21.87 -0.90 -1.39	21.27 -1.04 -1.00	18.93 -0.87 -0.49	17.90 -0.63 -0.07	16.61 -0.25 0.00
OAK ORCHARD____HYD 24046	16.21 -0.23 0.00	14.98 -0.17 0.00	13.92 -0.28 0.00	13.81 -0.23 0.00	14.07 -0.21 0.00	14.53 -0.25 0.00	16.18 -0.23 -0.22	16.85 -0.20 -0.16	14.46 -0.14 -0.36	14.43 -0.14 -0.42	14.53 -0.13 -0.24	14.60 -0.10 -0.05	12.53 -0.02 -0.32	11.09 -0.02 -0.43	11.76 -0.01 -0.30	12.40 0.00 -0.24	12.58 0.01 -1.13	15.83 -0.03 -1.71	22.69 -0.04 -1.44	22.55 0.06 -1.11	22.01 -0.11 -0.79	19.62 -0.08 -0.39	18.50 -0.02 -0.06	16.84 -0.02 0.00
OAKDALE__35_KV_LOAD 356122	16.66 0.21 0.00	15.34 0.20 0.00	14.32 0.11 0.00	14.19 0.15 0.00	14.47 0.19 0.00	14.96 0.18 0.00	16.84 0.06 -0.58	17.41 0.08 -0.43	15.29 0.09 -0.96	15.35 0.08 -1.12	15.14 0.07 -0.64	14.86 0.07 -0.13	13.19 0.11 -0.84	11.93 0.10 -1.15	12.38 0.11 -0.79	12.93 0.12 -0.64	14.56 0.11 -3.01	18.85 0.14 -4.56	25.31 0.17 -3.84	24.62 0.28 -2.96	23.66 0.21 -2.12	20.53 0.17 -1.05	18.80 0.18 -0.15	17.21 0.35 0.00
OCC_CHEM____DRP 24175	15.49 -0.95 0.00	14.28 -0.86 0.00	13.25 -0.95 0.00	13.26 -0.77 0.00	13.50 -0.79 0.00	13.94 -0.84 0.00	15.40 -1.05 -0.26	15.97 -1.12 -0.19	13.82 -0.87 -0.44	13.82 -0.85 -0.52	13.82 -0.89 -0.29	13.83 -0.86 -0.04	12.09 -0.54 -0.39	10.75 -0.47 -0.53	11.40 -0.46 -0.38	11.97 -0.49 -0.29	12.42 -0.46 -1.44	15.62 -0.75 -2.22	21.70 -1.47 -1.87	21.56 -1.26 -1.44	20.97 -1.39 -1.03	18.64 -1.18 -0.51	17.63 -0.90 -0.07	16.29 -0.57 0.00
OH_GEN_PROXY 24063	15.72 -0.72 0.00	14.55 -0.59 0.00	13.51 -0.70 0.00	13.46 -0.58 0.00	13.70 -0.59 0.00	14.14 -0.64 0.00	15.60 -0.87 -0.28	16.19 -0.91 -0.21	14.03 -0.68 -0.46	14.03 -0.66 -0.54	14.03 -0.71 -0.31	14.03 -0.69 -0.06	12.25 -0.40 -0.41	10.89 -0.35 -0.55	11.52 -0.33 -0.38	12.12 -0.35 -0.31	12.56 -0.33 -1.45	15.77 -0.58 -2.20	22.00 -1.15 -1.85	21.85 -0.96 -1.43	21.23 -1.11 -1.02	18.89 -0.93 -0.51	17.87 -0.66 -0.07	16.50 -0.35 0.00
OLIN_CORP_DRP 24177	15.64 -0.81 0.00	14.45 -0.70 0.00	13.41 -0.80 0.00	13.40 -0.63 0.00	13.64 -0.64 0.00	14.08 -0.69 0.00	15.46 -1.02 -0.28	16.02 -1.08 -0.21	13.88 -0.84 -0.47	13.88 -0.82 -0.54	13.87 -0.87 -0.31	13.88 -0.84 -0.06	12.14 -0.51 -0.41	10.79 -0.46 -0.56	11.43 -0.44 -0.39	12.01 -0.46 -0.31	12.46 -0.45 -1.47	15.65 -0.72 -2.23	21.79 -1.38 -1.87	21.65 -1.18 -1.44	21.03 -1.32 -1.04	18.70 -1.12 -0.51	17.68 -0.85 -0.07	16.37 -0.49 0.00
OLIN_CORP_DSASP 323712	15.49 -0.95 0.00	14.45 -0.70 0.00	13.32 -0.88 0.00	13.26 -0.77 0.00	13.50 -0.79 0.00	13.94 -0.84 0.00	15.37 -1.08 -0.26	15.97 -1.12 -0.19	13.82 -0.87 -0.44	13.82 -0.85 -0.52	13.82 -0.89 -0.29	13.83 -0.86 -0.04	12.09 -0.54 -0.39	10.75 -0.47 -0.53	11.40 -0.46 -0.38	11.97 -0.49 -0.29	12.41 -0.46 -1.44	15.62 -0.75 -2.22	21.72 -1.45 -1.87	21.56 -1.26 -1.44	20.97 -1.39 -1.03	18.64 -1.18 -0.51	17.65 -0.89 -0.07	16.29 -0.57 0.00

ONEIDA_HERK_LFGE 323681	16.77 0.33 0.00	15.46 0.32 0.00	14.44 0.24 0.00	14.29 0.25 0.00	14.56 0.27 0.00	15.05 0.27 0.00	16.44 0.18 -0.07	17.54 0.22 -0.43	14.84 0.16 -0.43	14.74 0.14 -0.45	15.04 0.13 -0.49	15.27 0.12 -0.50	12.87 0.10 -0.53	11.33 0.12 -0.53	12.07 0.09 -0.50	12.75 0.09 -0.50	12.15 0.10 -0.61	15.17 0.18 -0.84	22.54 0.32 -0.92	22.56 0.36 -0.82	22.40 0.36 -0.72	20.13 0.27 -0.55	19.11 0.22 -0.43	17.49 0.25 -0.38
ONEIDA___115KV_TB4 55905	16.84 0.39 0.00	15.52 0.38 0.00	14.49 0.28 0.00	14.34 0.31 0.00	14.62 0.33 0.00	15.12 0.34 0.00	16.65 0.34 -0.11	17.37 0.39 -0.08	14.73 0.30 -0.19	14.67 0.30 -0.22	14.84 0.29 -0.13	14.96 0.28 -0.03	12.65 0.24 -0.16	11.14 0.24 -0.22	11.87 0.24 -0.15	12.52 0.23 -0.13	12.25 0.23 -0.59	15.36 0.33 -0.89	22.58 0.53 -0.75	22.56 0.60 -0.58	22.31 0.58 -0.41	19.98 0.46 -0.20	18.88 0.39 -0.03	17.30 0.44 0.00
ONONDAGA_REF_OCCRA 23987	16.49 0.05 0.00	15.19 0.05 0.00	14.17 -0.03 0.00	14.03 0.00 0.00	14.33 0.04 0.00	14.81 0.03 0.00	16.43 0.03 -0.20	17.11 0.07 -0.15	14.64 0.06 -0.33	14.61 0.07 -0.39	14.72 0.07 -0.22	14.77 0.07 -0.05	12.61 0.07 -0.29	11.15 0.06 -0.40	11.83 0.08 -0.27	12.47 0.09 -0.22	12.55 0.07 -1.04	15.84 0.11 -1.58	22.80 0.17 -1.33	22.66 0.26 -1.02	22.23 0.17 -0.74	19.81 0.14 -0.36	18.62 0.11 -0.05	16.99 0.13 0.00
ONONDAGA___COGEN 23986	16.58 0.13 0.00	15.28 0.14 0.00	14.24 0.04 0.00	14.10 0.07 0.00	14.40 0.11 0.00	14.90 0.12 0.00	16.51 0.13 -0.18	17.20 0.17 -0.14	14.70 0.14 -0.31	14.67 0.16 -0.36	14.79 0.16 -0.21	14.86 0.16 -0.04	12.66 0.15 -0.27	11.18 0.13 -0.37	11.88 0.15 -0.25	12.53 0.16 -0.21	12.54 0.14 -0.96	15.80 0.20 -1.46	22.84 0.32 -1.23	22.71 0.38 -0.95	22.32 0.32 -0.68	19.91 0.27 -0.33	18.75 0.24 -0.05	17.10 0.24 0.00
ONTARIO___LFGE 23819	16.54 0.10 0.00	15.27 0.12 0.00	14.17 -0.03 0.00	14.06 0.03 0.00	14.36 0.07 0.00	14.84 0.06 0.00	16.44 -0.02 -0.26	17.12 0.03 -0.19	14.71 0.03 -0.43	14.70 0.04 -0.50	14.76 0.04 -0.29	14.74 0.03 -0.06	12.69 0.07 -0.38	11.27 0.06 -0.52	11.92 0.09 -0.36	12.56 0.11 -0.29	12.91 0.11 -1.35	16.35 0.16 -2.05	23.28 0.26 -1.72	23.12 0.41 -1.33	22.53 0.26 -0.95	19.97 0.19 -0.47	18.73 0.20 -0.07	17.20 0.34 0.00
ORANGEVILLE_WT_PWR 323706	16.07 -0.38 0.00	14.84 -0.30 0.00	13.76 -0.44 0.00	13.68 -0.35 0.00	13.93 -0.36 0.00	14.37 -0.41 0.00	15.67 -0.86 -0.33	16.25 -0.90 -0.25	14.09 -0.71 -0.56	14.08 -0.72 -0.65	14.00 -0.79 -0.37	13.92 -0.81 -0.08	12.19 -0.54 -0.49	10.88 -0.47 -0.66	11.49 -0.45 -0.46	12.06 -0.47 -0.37	12.73 -0.46 -1.75	16.16 -0.64 -2.64	22.37 -1.15 -2.22	22.18 -0.92 -1.71	21.53 -1.02 -1.23	19.05 -0.87 -0.61	17.88 -0.66 -0.09	16.79 -0.07 0.00
ORANGEVILLE___ESR 323794	16.07 -0.38 0.00	14.84 -0.30 0.00	13.76 -0.44 0.00	13.68 -0.35 0.00	13.93 -0.36 0.00	14.37 -0.41 0.00	15.67 -0.86 -0.33	16.25 -0.90 -0.25	14.09 -0.71 -0.56	14.08 -0.72 -0.65	14.00 -0.79 -0.37	13.92 -0.81 -0.08	12.19 -0.54 -0.49	10.88 -0.47 -0.66	11.49 -0.45 -0.46	12.06 -0.47 -0.37	12.73 -0.46 -1.75	16.16 -0.64 -2.64	22.37 -1.15 -2.22	22.18 -0.92 -1.71	21.53 -1.02 -1.23	19.05 -0.87 -0.61	17.88 -0.66 -0.09	16.79 -0.07 0.00
OSWEGATCHIE___HYD 24044	16.49 0.05 0.00	15.22 0.08 0.00	14.26 0.06 0.00	14.06 0.03 0.00	14.30 0.01 0.00	14.78 0.00 0.00	16.10 -0.15 -0.05	18.56 -0.17 -1.83	15.70 -0.16 -1.61	15.62 -0.16 -1.62	16.27 -0.16 -2.01	16.77 -0.18 -2.30	14.22 -0.13 -2.11	12.56 -0.11 -1.98	13.35 -0.15 -2.02	14.07 -0.17 -2.08	12.79 -0.16 -1.52	15.88 -0.20 -1.93	23.71 -0.19 -2.60	23.69 -0.21 -2.52	23.57 -0.19 -2.44	21.27 -0.17 -2.14	20.24 -0.18 -1.97	18.49 -0.15 -1.78
OSWEGO___5 23606	16.21 -0.23 0.00	14.93 -0.21 0.00	13.96 -0.24 0.00	13.81 -0.23 0.00	14.07 -0.21 0.00	14.56 -0.22 0.00	16.08 -0.24 -0.13	16.75 -0.24 -0.10	14.26 -0.20 -0.21	14.20 -0.20 -0.25	14.37 -0.20 -0.14	14.48 -0.21 -0.03	12.26 -0.17 -0.19	10.79 -0.15 -0.26	11.49 -0.16 -0.18	12.14 -0.17 -0.14	11.95 -0.16 -0.67	14.98 -0.18 -1.02	21.88 -0.28 -0.86	21.81 -0.23 -0.66	21.52 -0.28 -0.47	19.27 -0.27 -0.23	18.23 -0.26 -0.03	16.64 -0.22 0.00
OSWEGO___6 23613	16.21 -0.23 0.00	14.93 -0.21 0.00	13.96 -0.24 0.00	13.81 -0.23 0.00	14.07 -0.21 0.00	14.56 -0.22 0.00	16.08 -0.24 -0.13	16.75 -0.24 -0.10	14.26 -0.20 -0.21	14.20 -0.20 -0.25	14.37 -0.20 -0.14	14.48 -0.21 -0.03	12.26 -0.17 -0.19	10.79 -0.15 -0.26	11.49 -0.16 -0.18	12.14 -0.17 -0.14	11.95 -0.16 -0.67	14.98 -0.18 -1.02	21.88 -0.28 -0.86	21.81 -0.23 -0.66	21.52 -0.28 -0.47	19.27 -0.27 -0.23	18.23 -0.26 -0.03	16.64 -0.22 0.00
OUTOKUMPU-AB___DRP 24206	15.93 -0.51 0.00	14.69 -0.45 0.00	13.63 -0.57 0.00	13.61 -0.42 0.00	13.86 -0.43 0.00	14.29 -0.49 0.00	15.66 -0.81 -0.27	16.22 -0.88 -0.20	14.07 -0.64 -0.46	14.07 -0.62 -0.54	14.05 -0.68 -0.31	14.06 -0.64 -0.06	12.30 -0.34 -0.41	10.94 -0.30 -0.55	11.59 -0.28 -0.39	12.18 -0.29 -0.31	12.61 -0.30 -1.47	15.88 -0.51 -2.24	22.10 -1.09 -1.89	22.00 -0.83 -1.45	21.38 -0.98 -1.04	19.01 -0.81 -0.51	17.96 -0.57 -0.08	16.72 -0.13 0.00
OXBOW___ 24026	15.75 -0.69 0.00	14.65 -0.50 0.00	13.53 -0.67 0.00	13.46 -0.58 0.00	13.70 -0.59 0.00	14.14 -0.64 0.00	15.52 -0.94 -0.27	16.13 -0.96 -0.20	13.98 -0.73 -0.45	13.98 -0.71 -0.53	13.97 -0.75 -0.30	13.97 -0.73 -0.05	12.22 -0.42 -0.40	10.87 -0.36 -0.54	11.52 -0.34 -0.39	12.10 -0.36 -0.30	12.53 -0.35 -1.45	15.79 -0.59 -2.23	21.96 -1.21 -1.88	21.83 -1.00 -1.45	21.21 -1.15 -1.04	18.86 -0.96 -0.51	17.85 -0.68 -0.08	16.54 -0.32 0.00
OXY_CHEM_DSASP 323612	15.49 -0.95 0.00	14.28 -0.86 0.00	13.25 -0.95 0.00	13.26 -0.77 0.00	13.50 -0.79 0.00	13.94 -0.84 0.00	15.40 -1.05 -0.26	15.97 -1.12 -0.19	13.82 -0.87 -0.44	13.82 -0.85 -0.52	13.82 -0.89 -0.29	13.83 -0.86 -0.04	12.09 -0.54 -0.39	10.75 -0.47 -0.53	11.40 -0.46 -0.38	11.97 -0.49 -0.29	12.42 -0.46 -1.44	15.62 -0.75 -2.22	21.70 -1.47 -1.87	21.56 -1.26 -1.44	20.97 -1.39 -1.03	18.64 -1.18 -0.51	17.63 -0.90 -0.07	16.29 -0.57 0.00
OZONE_PARK_ESR 323760	17.65 1.20 0.00	16.22 1.08 0.00	15.14 0.94 0.00	14.93 0.90 0.00	15.17 0.89 0.00	15.74 0.96 0.00	19.23 1.20 -1.83	20.76 1.32 -2.54	21.24 1.10 -5.89	20.52 1.08 -5.29	20.90 1.10 -5.38	19.93 1.11 -4.17	19.54 0.95 -6.34	19.46 0.84 -7.93	19.94 0.90 -7.57	21.07 0.95 -7.96	23.10 0.90 -10.76	29.79 1.10 -14.54	35.06 1.53 -12.23	36.57 1.67 -13.52	29.60 1.51 -6.77	24.09 1.45 -3.34	20.35 1.40 -0.49	18.09 1.23 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	15.49 -0.95 0.00	14.28 -0.86 0.00	13.25 -0.95 0.00	13.26 -0.77 0.00	13.50 -0.79 0.00	13.94 -0.84 0.00	15.40 -1.05 -0.26	15.97 -1.12 -0.19	13.82 -0.87 -0.44	13.82 -0.85 -0.52	13.82 -0.89 -0.29	13.83 -0.86 -0.04	12.09 -0.54 -0.39	10.75 -0.47 -0.53	11.40 -0.46 -0.38	11.97 -0.49 -0.29	12.42 -0.46 -1.44	15.62 -0.75 -2.22	21.70 -1.47 -1.87	21.56 -1.26 -1.44	20.97 -1.39 -1.03	18.64 -1.18 -0.51	17.63 -0.90 -0.07	16.29 -0.57 0.00

PACKARD__115KV_DUPONT_184 80571	15.49 -0.95 0.00	14.28 -0.86 0.00	13.25 -0.95 0.00	13.26 -0.77 0.00	13.50 -0.79 0.00	13.94 -0.84 0.00	15.40 -1.05 -0.26	15.97 -1.12 -0.19	13.82 -0.87 -0.44	13.82 -0.85 -0.52	13.82 -0.89 -0.29	13.83 -0.86 -0.04	12.09 -0.54 -0.39	10.75 -0.47 -0.53	11.40 -0.46 -0.38	11.97 -0.49 -0.29	12.42 -0.46 -1.44	15.62 -0.75 -2.22	21.70 -1.47 -1.87	21.56 -1.26 -1.44	20.97 -1.39 -1.03	18.64 -1.18 -0.51	17.63 -0.90 -0.07	16.29 -0.57 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	17.51 1.09 0.02	16.10 0.97 0.02	15.04 0.85 0.02	14.83 0.81 0.02	15.09 0.81 0.02	15.65 0.87 0.00	19.10 1.09 -1.82	20.60 1.18 -2.53	21.14 1.00 -5.89	20.40 0.96 -5.29	20.79 0.98 -5.38	19.83 1.01 -4.17	19.44 0.87 -6.33	19.36 0.76 -7.91	19.84 0.80 -7.56	20.96 0.85 -7.94	23.00 0.81 -10.75	29.65 0.96 -14.54	34.89 1.36 -12.23	36.37 1.48 -13.52	29.35 1.26 -6.77	23.94 1.29 -3.34	20.22 1.27 -0.49	17.97 1.11 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	17.68 1.25 0.02	16.25 1.12 0.02	15.18 0.99 0.02	14.97 0.95 0.02	15.21 0.94 0.02	15.80 1.02 0.00	19.26 1.25 -1.82	20.79 1.37 -2.53	21.28 1.14 -5.89	20.53 1.09 -5.29	20.90 1.10 -5.38	19.95 1.13 -4.17	19.54 0.97 -6.33	19.45 0.85 -7.91	19.94 0.91 -7.56	21.07 0.96 -7.94	23.09 0.90 -10.75	29.79 1.10 -14.54	35.10 1.58 -12.23	36.59 1.69 -13.52	29.54 1.45 -6.77	24.13 1.49 -3.34	20.39 1.44 -0.49	18.14 1.28 0.00
PATROON__115KV_TB1 80586	16.89 0.44 0.00	15.58 0.44 0.00	14.60 0.40 0.00	14.40 0.36 0.00	14.66 0.37 0.00	15.19 0.41 0.00	18.99 0.42 -2.37	19.64 0.44 -2.30	19.84 0.36 -5.24	19.88 0.34 -5.39	18.95 0.38 -4.16	17.28 0.40 -2.23	17.70 0.33 -5.13	17.64 0.29 -6.66	17.34 0.32 -5.55	17.83 0.34 -5.32	24.68 0.29 -12.96	33.34 0.37 -18.83	37.71 0.58 -15.84	36.01 0.58 -14.05	30.66 0.58 -8.77	24.11 0.48 -4.32	19.55 0.46 -0.63	17.28 0.42 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	16.40 -0.05 0.00	15.08 -0.06 0.00	14.00 -0.20 0.00	13.98 -0.06 0.00	14.23 -0.06 0.00	14.68 -0.10 0.00	15.43 -1.07 -0.30	15.97 -1.15 -0.23	13.89 -0.87 -0.51	13.88 -0.86 -0.59	13.84 -0.92 -0.34	13.83 -0.89 -0.07	12.11 -0.58 -0.45	10.79 -0.50 -0.61	11.41 -0.48 -0.42	11.99 -0.51 -0.34	12.53 -0.50 -1.60	15.84 -0.72 -2.42	21.97 -1.36 -2.03	21.84 -1.11 -1.57	21.21 -1.24 -1.13	18.80 -1.06 -0.56	17.69 -0.85 -0.08	17.20 0.34 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	17.61 1.17 0.00	16.21 1.06 0.00	15.10 0.89 0.00	14.89 0.86 0.00	15.19 0.90 0.00	15.73 0.95 0.00	19.22 1.13 -1.89	20.64 1.27 -2.48	21.06 1.07 -5.74	20.44 1.05 -5.24	20.63 1.05 -5.15	19.56 1.06 -3.85	19.24 0.89 -6.11	19.10 0.75 -7.67	19.51 0.83 -7.21	20.53 0.86 -7.50	23.14 0.75 -10.95	30.10 0.98 -14.98	35.39 1.49 -12.60	36.56 1.73 -13.44	29.83 1.53 -6.97	24.10 1.35 -3.44	20.25 1.29 -0.50	17.99 1.13 0.00
PEEKSKILL____ 23653	17.45 1.00 0.00	16.02 0.88 0.00	14.97 0.77 0.00	14.78 0.74 0.00	15.04 0.76 0.00	15.59 0.81 0.00	18.97 0.99 -1.78	20.56 1.08 -2.59	21.17 0.91 -6.01	20.37 0.91 -5.31	20.89 0.91 -5.55	19.99 0.92 -4.41	19.55 0.78 -6.52	19.49 0.68 -8.12	20.06 0.74 -7.85	21.25 0.78 -8.31	22.74 0.72 -10.58	29.18 0.89 -14.14	34.49 1.30 -11.89	36.33 1.41 -13.54	29.20 1.30 -6.58	23.75 1.20 -3.25	20.10 1.16 -0.48	17.89 1.03 0.00
PGE MADISON__WINDPWR 24146	17.48 1.04 0.00	16.16 1.01 0.00	14.98 0.78 0.00	14.86 0.83 0.00	15.17 0.89 0.00	15.68 0.90 0.00	17.68 0.91 -0.58	18.36 1.03 -0.43	16.02 0.80 -0.97	16.03 0.75 -1.13	15.77 0.69 -0.65	15.43 0.64 -0.13	13.69 0.60 -0.85	12.43 0.59 -1.16	12.85 0.57 -0.80	13.41 0.60 -0.65	15.09 0.61 -3.05	19.73 0.96 -4.62	26.74 1.55 -3.88	26.09 1.71 -2.99	25.15 1.68 -2.15	21.74 1.37 -1.06	19.81 1.20 -0.16	18.17 1.32 0.00
PIERCEFIELD__HYD 23852	16.25 -0.20 0.00	14.96 -0.18 0.00	14.10 -0.10 0.00	13.86 -0.17 0.00	14.07 -0.21 0.00	14.54 -0.24 0.00	15.86 -0.34 0.00	19.11 -0.41 -2.62	16.15 -0.33 -2.23	16.05 -0.33 -2.22	16.97 -0.30 -2.85	17.69 -0.31 -3.34	14.96 -0.26 -2.98	13.19 -0.24 -2.74	14.04 -0.29 -2.86	14.82 -0.30 -2.96	12.94 -0.31 -1.81	15.89 -0.47 -2.21	23.97 -0.62 -3.29	23.97 -0.71 -3.29	23.92 -0.68 -3.29	21.76 -0.54 -2.99	20.84 -0.48 -2.86	19.01 -0.46 -2.61
PINELAWN_CC_1 323563	17.86 1.41 0.00	16.33 1.18 0.00	15.18 0.98 0.00	14.94 0.91 0.00	15.20 0.92 0.00	15.92 1.14 0.00	19.41 1.38 -1.83	20.92 1.49 -2.54	21.34 1.20 -5.89	20.64 1.20 -5.29	21.06 1.25 -5.38	19.96 1.14 -4.16	19.55 0.97 -6.34	19.52 0.91 -7.92	20.04 1.00 -7.57	21.25 1.13 -7.95	24.33 1.15 -11.74	30.05 1.36 -14.54	35.60 2.07 -12.24	37.04 2.14 -13.52	30.23 2.11 -6.80	26.00 1.89 -4.80	20.90 1.94 -0.51	18.63 1.75 -0.02
PJM_GEN_HTP_PROXY 323702	17.53 1.09 0.00	16.10 0.95 0.00	15.04 0.84 0.00	14.85 0.81 0.00	15.10 0.81 0.00	15.65 0.87 0.00	19.11 1.09 -1.83	20.64 1.20 -2.54	21.14 1.00 -5.89	20.43 0.99 -5.29	20.80 0.99 -5.38	19.83 1.01 -4.17	19.45 0.87 -6.34	19.39 0.77 -7.93	19.86 0.81 -7.57	20.97 0.85 -7.96	23.01 0.81 -10.76	29.66 0.98 -14.54	34.89 1.36 -12.23	36.37 1.47 -13.52	29.45 1.37 -6.77	23.96 1.31 -3.34	20.24 1.29 -0.49	17.97 1.11 0.00
PJM_GEN_KEystone 24065	16.76 0.31 0.00	15.43 0.29 0.00	14.37 0.17 0.00	14.24 0.21 0.00	14.50 0.21 0.00	15.00 0.22 0.00	17.34 0.08 -1.07	18.54 0.10 -1.54	17.96 0.13 -3.58	17.45 0.13 -3.17	17.84 0.10 -3.31	17.40 0.12 -2.63	16.30 0.17 -3.89	15.68 0.15 -4.84	16.34 0.18 -4.68	17.31 0.19 -4.95	17.95 0.18 -6.33	22.79 0.18 -8.46	28.54 0.13 -7.12	29.75 0.28 -8.09	25.43 0.17 -3.94	21.44 0.19 -1.94	19.02 0.28 -0.28	17.35 0.49 0.00
PJM_GEN_NEPTUNE_PROXY 323594	17.60 1.15 0.00	16.08 0.94 0.00	14.98 0.78 0.00	14.75 0.72 0.00	15.02 0.73 0.00	15.68 0.90 0.00	19.15 1.12 -1.83	20.67 1.23 -2.54	21.14 1.00 -5.89	20.44 1.01 -5.29	20.84 1.04 -5.38	19.78 0.97 -4.16	19.40 0.82 -6.34	19.37 0.76 -7.92	19.88 0.84 -7.57	21.05 0.94 -7.95	24.11 0.94 -11.74	29.77 1.07 -14.54	35.15 1.62 -12.23	36.59 1.69 -13.51	29.75 1.64 -6.79	25.64 1.52 -4.80	20.51 1.55 -0.51	18.26 1.38 -0.02
PJM_GEN_VFT_PROXY 323633	17.46 1.02 0.00	16.04 0.89 0.00	14.98 0.78 0.00	14.79 0.76 0.00	15.03 0.74 0.00	15.59 0.81 0.00	19.07 1.04 -1.83	20.57 1.13 -2.54	21.10 0.95 -5.89	20.39 0.95 -5.29	20.76 0.95 -5.38	19.79 0.97 -4.17	19.42 0.83 -6.34	19.35 0.74 -7.93	19.83 0.78 -7.57	20.94 0.82 -7.96	22.98 0.78 -10.76	29.60 0.92 -14.54	34.78 1.26 -12.23	36.27 1.37 -13.51	29.37 1.28 -6.77	23.88 1.24 -3.34	20.17 1.22 -0.49	17.90 1.05 0.00
PLATSBRG_115KV_PMLD1 355749	16.25 -0.20 0.00	15.01 -0.14 0.00	14.14 -0.06 0.00	13.79 -0.24 0.00	13.90 -0.39 0.00	14.22 -0.56 0.00	15.37 -0.83 0.00	-0.55 -0.98 16.46	-0.53 -0.78 14.00	-0.57 -0.78 13.95	-4.21 -0.75 17.88	-7.07 -0.75 20.97	-7.07 -0.62 18.68	-7.07 -0.56 17.20	-7.07 -0.62 17.92	-7.07 -0.66 18.57	-0.55 -0.62 11.37	-0.56 -0.83 13.87	-0.54 -1.17 20.67	-0.55 -1.28 20.65	-0.55 -1.26 20.61	-0.58 -1.12 18.76	-0.56 -1.09 17.92	-0.56 -1.05 16.38

PLEASANTVLY___LBMP 24000	17.35 0.90 0.00	15.96 0.82 0.00	14.91 0.71 0.00	14.71 0.67 0.00	14.97 0.69 0.00	15.52 0.74 0.00	19.06 0.87 -1.99	20.27 0.96 -2.41	20.61 0.81 -5.55	20.18 0.81 -5.22	20.08 0.81 -4.85	18.89 0.82 -3.41	18.74 0.70 -5.80	18.64 0.62 -7.34	18.86 0.67 -6.72	19.76 0.71 -6.89	23.41 0.65 -11.32	30.70 0.81 -15.74	35.69 1.15 -13.24	36.04 1.22 -13.44	29.80 1.15 -7.33	24.00 1.08 -3.61	20.04 1.05 -0.53	17.77 0.91 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	17.50 1.05 0.00	16.08 0.94 0.00	15.01 0.81 0.00	14.80 0.77 0.00	15.07 0.79 0.00	15.64 0.86 0.00	19.11 1.04 -1.87	20.55 1.15 -2.51	21.02 0.97 -5.80	20.38 0.96 -5.27	20.63 0.97 -5.24	19.59 0.98 -3.96	19.27 0.83 -6.19	19.18 0.73 -7.77	19.60 0.78 -7.34	20.65 0.83 -7.66	23.12 0.77 -10.91	29.98 0.96 -14.87	35.19 1.38 -12.51	36.35 1.48 -13.49	29.61 1.36 -6.92	23.99 1.27 -3.41	20.20 1.24 -0.50	17.94 1.08 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	17.50 1.05 0.00	16.08 0.94 0.00	15.01 0.81 0.00	14.80 0.77 0.00	15.07 0.79 0.00	15.64 0.86 0.00	19.11 1.04 -1.87	20.55 1.15 -2.51	21.02 0.97 -5.80	20.38 0.96 -5.27	20.63 0.97 -5.24	19.59 0.98 -3.96	19.27 0.83 -6.19	19.18 0.73 -7.77	19.60 0.78 -7.34	20.65 0.83 -7.66	23.12 0.77 -10.91	29.98 0.96 -14.87	35.19 1.38 -12.51	36.35 1.48 -13.49	29.61 1.36 -6.92	23.99 1.27 -3.41	20.20 1.24 -0.50	17.94 1.08 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	17.43 0.99 0.00	16.02 0.88 0.00	14.95 0.75 0.00	14.75 0.72 0.00	15.02 0.73 0.00	15.55 0.77 0.00	19.04 0.92 -1.92	20.35 1.01 -2.44	20.75 0.85 -5.65	20.21 0.84 -5.22	20.28 0.84 -5.02	19.17 0.85 -3.67	18.93 0.72 -5.97	18.83 0.63 -7.51	19.15 0.68 -7.00	20.13 0.72 -7.24	23.15 0.65 -11.06	30.21 0.83 -15.22	35.34 1.24 -12.81	36.13 1.35 -13.40	29.62 1.22 -7.09	23.92 1.12 -3.49	20.06 1.09 -0.51	17.80 0.94 0.00
POLETTI____ 23519	17.51 1.07 0.00	16.10 0.95 0.00	15.04 0.84 0.00	14.83 0.80 0.00	15.07 0.79 0.00	15.64 0.86 0.00	19.10 1.07 -1.83	20.62 1.18 -2.54	21.13 0.98 -5.89	20.40 0.96 -5.29	20.77 0.97 -5.38	19.82 1.00 -4.17	19.44 0.86 -6.34	19.36 0.75 -7.93	19.84 0.79 -7.57	20.96 0.84 -7.96	23.00 0.80 -10.76	29.63 0.95 -14.54	34.85 1.32 -12.23	36.33 1.43 -13.52	29.41 1.32 -6.77	23.92 1.27 -3.34	20.20 1.26 -0.49	17.95 1.10 0.00
POMONA___ESR 323819	17.43 0.99 0.00	16.01 0.86 0.00	14.95 0.75 0.00	14.76 0.73 0.00	15.02 0.73 0.00	15.56 0.78 0.00	18.84 0.97 -1.68	20.69 1.05 -2.75	21.55 0.88 -6.41	20.49 0.88 -5.46	21.43 0.88 -6.12	20.71 0.89 -5.16	20.12 0.76 -7.12	20.15 0.67 -8.79	20.95 0.72 -8.75	22.34 0.77 -9.41	22.41 0.71 -10.26	28.33 0.89 -13.29	33.78 1.30 -11.18	36.61 1.39 -13.84	28.79 1.28 -6.19	23.54 1.18 -3.05	20.05 1.14 -0.45	17.87 1.01 0.00
PORT_JEFF_3 23555	18.04 1.59 0.00	16.46 1.32 0.00	15.31 1.11 0.00	15.06 1.02 0.00	15.32 1.03 0.00	16.06 1.29 0.00	19.57 1.54 -1.83	21.09 1.66 -2.54	21.47 1.33 -5.89	20.76 1.32 -5.29	21.17 1.37 -5.38	20.04 1.23 -4.16	19.61 1.03 -6.34	19.58 0.97 -7.92	20.11 1.07 -7.57	21.34 1.23 -7.95	24.47 1.29 -11.74	30.22 1.53 -14.54	35.91 2.36 -12.25	37.33 2.42 -13.53	30.51 2.39 -6.81	26.22 2.10 -4.80	21.12 2.16 -0.51	18.86 1.99 -0.02
PORT_JEFF_4 23616	18.04 1.59 0.00	16.46 1.32 0.00	15.31 1.11 0.00	15.06 1.02 0.00	15.32 1.03 0.00	16.06 1.29 0.00	19.57 1.54 -1.83	21.09 1.66 -2.54	21.47 1.33 -5.89	20.76 1.32 -5.29	21.17 1.37 -5.38	20.04 1.23 -4.16	19.61 1.03 -6.34	19.58 0.97 -7.92	20.11 1.07 -7.57	21.34 1.23 -7.95	24.47 1.29 -11.74	30.22 1.53 -14.54	35.91 2.36 -12.25	37.33 2.42 -13.53	30.51 2.39 -6.81	26.22 2.10 -4.80	21.12 2.16 -0.51	18.86 1.99 -0.02
PORT_JEFF_IC 23713	18.06 1.61 0.00	16.48 1.33 0.00	15.32 1.12 0.00	15.07 1.04 0.00	15.33 1.04 0.00	16.08 1.30 0.00	19.59 1.56 -1.83	21.11 1.67 -2.54	21.48 1.34 -5.89	20.78 1.35 -5.29	21.19 1.38 -5.38	20.07 1.26 -4.16	19.63 1.05 -6.34	19.59 0.98 -7.92	20.13 1.09 -7.57	21.37 1.25 -7.95	24.49 1.31 -11.74	30.25 1.56 -14.54	35.95 2.41 -12.25	37.37 2.46 -13.53	30.56 2.43 -6.81	26.25 2.14 -4.80	21.16 2.20 -0.51	18.88 2.01 -0.02
PPL PILGRIM_ST_GT1 24216	18.04 1.59 0.00	16.46 1.32 0.00	15.31 1.11 0.00	15.06 1.02 0.00	15.33 1.04 0.00	16.06 1.29 0.00	19.57 1.54 -1.83	21.09 1.66 -2.54	21.47 1.33 -5.89	20.77 1.33 -5.29	21.19 1.38 -5.38	20.07 1.26 -4.16	19.63 1.05 -6.34	19.60 0.99 -7.92	20.15 1.10 -7.57	21.37 1.25 -7.95	24.47 1.29 -11.74	30.22 1.53 -14.54	35.90 2.36 -12.24	37.32 2.42 -13.52	30.50 2.39 -6.80	26.23 2.12 -4.80	21.12 2.16 -0.51	18.85 1.97 -0.02
PPL PILGRIM_ST_GT2 24217	18.04 1.59 0.00	16.46 1.32 0.00	15.31 1.11 0.00	15.06 1.02 0.00	15.33 1.04 0.00	16.06 1.29 0.00	19.57 1.54 -1.83	21.09 1.66 -2.54	21.47 1.33 -5.89	20.77 1.33 -5.29	21.19 1.38 -5.38	20.07 1.26 -4.16	19.63 1.05 -6.34	19.60 0.99 -7.92	20.15 1.10 -7.57	21.37 1.25 -7.95	24.47 1.29 -11.74	30.22 1.53 -14.54	35.90 2.36 -12.24	37.32 2.42 -13.52	30.50 2.39 -6.80	26.23 2.12 -4.80	21.12 2.16 -0.51	18.85 1.97 -0.02
PPL_SHRM_GT3 24213	18.15 1.71 0.00	16.57 1.42 0.00	15.39 1.19 0.00	15.14 1.11 0.00	15.40 1.12 0.00	16.17 1.39 0.00	19.68 1.65 -1.83	21.19 1.76 -2.54	21.55 1.41 -5.89	20.84 1.40 -5.29	21.24 1.44 -5.38	20.12 1.30 -4.16	19.66 1.08 -6.34	19.61 1.00 -7.92	20.16 1.11 -7.57	21.40 1.29 -7.95	24.55 1.37 -11.74	30.33 1.64 -14.54	36.10 2.55 -12.25	37.54 2.63 -13.53	30.73 2.60 -6.81	26.37 2.26 -4.80	21.29 2.33 -0.51	19.02 2.14 -0.02
PPL_SHRM_GT4 24214	18.15 1.71 0.00	16.57 1.42 0.00	15.39 1.19 0.00	15.14 1.11 0.00	15.40 1.12 0.00	16.17 1.39 0.00	19.68 1.65 -1.83	21.19 1.76 -2.54	21.55 1.41 -5.89	20.84 1.40 -5.29	21.24 1.44 -5.38	20.12 1.30 -4.16	19.66 1.08 -6.34	19.61 1.00 -7.92	20.16 1.11 -7.57	21.40 1.29 -7.95	24.55 1.37 -11.74	30.33 1.64 -14.54	36.10 2.55 -12.25	37.54 2.63 -13.53	30.73 2.60 -6.81	26.37 2.26 -4.80	21.29 2.33 -0.51	19.02 2.14 -0.02
PROJECT___ORANGE 1 24174	16.44 0.00 0.00	15.15 0.00 0.00	14.13 -0.07 0.00	13.99 -0.04 0.00	14.27 -0.01 0.00	14.76 -0.01 0.00	16.36 0.00 -0.16	17.04 0.02 -0.12	14.54 0.01 -0.27	14.50 0.03 -0.32	14.64 0.03 -0.18	14.72 0.03 -0.04	12.52 0.04 -0.24	11.05 0.03 -0.33	11.75 0.05 -0.23	12.40 0.05 -0.18	12.33 0.03 -0.86	15.51 0.06 -1.31	22.48 0.09 -1.10	22.40 0.17 -0.85	22.01 0.09 -0.61	19.69 0.08 -0.30	18.56 0.06 -0.04	16.93 0.07 0.00
PROJECT___ORANGE 2 24166	16.44 0.00 0.00	15.15 0.00 0.00	14.13 -0.07 0.00	13.99 -0.04 0.00	14.27 -0.01 0.00	14.76 -0.01 0.00	16.36 0.00 -0.16	17.04 0.02 -0.12	14.54 0.01 -0.27	14.50 0.03 -0.32	14.64 0.03 -0.18	14.72 0.03 -0.04	12.52 0.04 -0.24	11.05 0.03 -0.33	11.75 0.05 -0.23	12.40 0.05 -0.18	12.33 0.03 -0.86	15.51 0.06 -1.31	22.48 0.09 -1.10	22.40 0.17 -0.85	22.01 0.09 -0.61	19.69 0.08 -0.30	18.56 0.06 -0.04	16.93 0.07 0.00

PUCKETT___SOLAR 323809	16.90 0.46 0.00	15.58 0.44 0.00	14.51 0.31 0.00	14.38 0.35 0.00	14.67 0.39 0.00	15.18 0.40 0.00	17.12 0.32 -0.60	17.72 0.37 -0.45	15.55 0.30 -1.01	15.61 0.28 -1.17	15.34 0.24 -0.67	15.01 0.22 -0.14	13.35 0.22 -0.89	12.09 0.20 -1.20	12.54 0.23 -0.83	13.08 0.24 -0.68	14.85 0.25 -3.16	19.30 0.37 -4.79	25.90 0.58 -4.03	25.17 0.68 -3.10	24.17 0.62 -2.23	20.93 0.52 -1.10	19.12 0.50 -0.16	17.48 0.62 0.00
PYRITES___HYD 24023	16.36 -0.08 0.00	15.08 -0.06 0.00	14.22 0.01 0.00	13.98 -0.06 0.00	14.20 -0.09 0.00	14.66 -0.12 0.00	16.00 -0.19 0.00	19.02 -0.24 -2.36	16.06 -0.20 -2.01	15.96 -0.20 -2.00	16.80 -0.19 -2.57	17.47 -0.19 -3.01	14.76 -0.16 -2.68	13.01 -0.14 -2.47	13.86 -0.18 -2.57	14.62 -0.21 -2.66	12.87 -0.19 -1.63	15.86 -0.28 -1.99	23.94 -0.32 -2.96	23.94 -0.41 -2.96	23.91 -0.36 -2.96	21.69 -0.31 -2.69	20.73 -0.30 -2.57	18.94 -0.27 -2.35
QUAKERRD_115KV_BK1 80622	15.87 -0.58 0.00	14.63 -0.51 0.00	13.59 -0.61 0.00	13.50 -0.53 0.00	13.76 -0.53 0.00	14.22 -0.56 0.00	15.87 -0.53 -0.21	16.51 -0.54 -0.15	14.15 -0.44 -0.35	14.13 -0.42 -0.40	14.24 -0.42 -0.23	14.29 -0.41 -0.05	12.24 -0.31 -0.30	10.83 -0.27 -0.41	11.48 -0.28 -0.28	12.11 -0.28 -0.26	12.26 -0.26 -1.08	15.45 -0.34 -1.64	22.19 -0.49 -1.38	22.06 -0.38 -1.06	21.53 -0.55 -0.76	19.20 -0.48 -0.38	18.07 -0.44 -0.06	16.42 -0.44 0.00
QUENSBRY_115KV_TB8 356137	17.65 1.20 0.00	16.22 1.08 0.00	15.18 0.98 0.00	14.97 0.94 0.00	15.26 0.97 0.00	15.84 1.06 0.00	19.78 1.17 -2.42	20.28 1.06 -2.32	20.44 0.91 -5.27	20.60 0.99 -5.45	19.56 0.98 -4.16	17.84 1.00 -2.19	18.21 0.82 -5.15	18.06 0.68 -6.69	17.67 0.65 -5.54	18.17 0.72 -5.29	25.35 0.73 -13.18	34.26 0.92 -19.19	39.19 1.75 -16.15	37.37 1.75 -14.23	32.05 1.79 -8.94	25.18 1.47 -4.41	20.47 1.37 -0.65	18.07 1.21 0.00
RAMAPO___LBMP 323565	17.38 0.94 0.00	15.98 0.83 0.00	14.93 0.72 0.00	14.72 0.69 0.00	14.99 0.70 0.00	15.53 0.75 0.00	18.76 0.91 -1.66	20.58 1.00 -2.69	21.37 0.84 -6.28	20.35 0.84 -5.36	21.23 0.84 -5.97	20.51 0.85 -5.01	19.92 0.72 -6.95	19.92 0.64 -8.59	20.69 0.69 -8.53	22.05 0.73 -9.16	22.26 0.69 -10.14	28.17 0.85 -13.17	33.59 1.21 -11.08	36.30 1.33 -13.59	28.67 1.22 -6.13	23.45 1.12 -3.02	19.99 1.09 -0.44	17.82 0.96 0.00
RANKINE___ 23646	16.15 -0.30 0.00	14.87 -0.27 0.00	13.80 -0.40 0.00	13.78 -0.25 0.00	14.03 -0.26 0.00	14.47 -0.31 0.00	15.67 -0.83 -0.30	16.22 -0.90 -0.22	14.08 -0.67 -0.50	14.08 -0.65 -0.58	14.05 -0.71 -0.33	14.03 -0.69 -0.07	12.29 -0.39 -0.44	10.94 -0.34 -0.60	11.58 -0.31 -0.41	12.16 -0.34 -0.33	12.67 -0.33 -1.57	15.99 -0.54 -2.38	22.21 -1.09 -2.00	22.07 -0.86 -1.54	21.44 -0.98 -1.11	19.04 -0.81 -0.55	17.95 -0.59 -0.08	16.94 0.08 0.00
RAVENSWOOD_GT2_1 24244	17.55 1.10 0.00	16.13 0.98 0.00	15.07 0.87 0.00	14.86 0.83 0.00	15.10 0.81 0.00	15.67 0.89 0.00	19.13 1.10 -1.83	20.64 1.20 -2.54	21.15 1.01 -5.89	20.43 0.99 -5.29	20.80 1.00 -5.38	19.84 1.03 -4.17	19.45 0.87 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.98 0.86 -7.96	23.02 0.82 -10.76	29.67 0.99 -14.54	34.91 1.38 -12.23	36.40 1.50 -13.52	29.45 1.36 -6.77	23.96 1.31 -3.34	20.24 1.29 -0.49	17.99 1.13 0.00
RAVENSWOOD_GT2_2 24245	17.55 1.10 0.00	16.13 0.98 0.00	15.07 0.87 0.00	14.86 0.83 0.00	15.10 0.81 0.00	15.67 0.89 0.00	19.13 1.10 -1.83	20.64 1.20 -2.54	21.15 1.01 -5.89	20.43 0.99 -5.29	20.80 1.00 -5.38	19.84 1.03 -4.17	19.45 0.87 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.98 0.86 -7.96	23.02 0.82 -10.76	29.67 0.99 -14.54	34.91 1.38 -12.23	36.40 1.50 -13.52	29.45 1.36 -6.77	23.96 1.31 -3.34	20.24 1.29 -0.49	17.99 1.13 0.00
RAVENSWOOD_GT2_3 24246	17.55 1.10 0.00	16.13 0.98 0.00	15.07 0.87 0.00	14.86 0.83 0.00	15.10 0.81 0.00	15.67 0.89 0.00	19.13 1.10 -1.83	20.64 1.20 -2.54	21.15 1.01 -5.89	20.43 0.99 -5.29	20.80 1.00 -5.38	19.84 1.03 -4.17	19.45 0.87 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.98 0.86 -7.96	23.02 0.82 -10.76	29.67 0.99 -14.54	34.91 1.38 -12.23	36.40 1.50 -13.52	29.45 1.36 -6.77	23.96 1.31 -3.34	20.24 1.29 -0.49	17.99 1.13 0.00
RAVENSWOOD_GT2_4 24247	17.55 1.10 0.00	16.13 0.98 0.00	15.07 0.87 0.00	14.86 0.83 0.00	15.10 0.81 0.00	15.67 0.89 0.00	19.13 1.10 -1.83	20.64 1.20 -2.54	21.15 1.01 -5.89	20.43 0.99 -5.29	20.80 1.00 -5.38	19.84 1.03 -4.17	19.45 0.87 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.98 0.86 -7.96	23.02 0.82 -10.76	29.67 0.99 -14.54	34.91 1.38 -12.23	36.40 1.50 -13.52	29.45 1.36 -6.77	23.96 1.31 -3.34	20.24 1.29 -0.49	17.99 1.13 0.00
RAVENSWOOD_GT3_1 24248	17.55 1.10 0.00	16.13 0.98 0.00	15.07 0.87 0.00	14.86 0.83 0.00	15.10 0.81 0.00	15.67 0.89 0.00	19.13 1.10 -1.83	20.64 1.20 -2.54	21.15 1.01 -5.89	20.43 0.99 -5.29	20.80 1.00 -5.38	19.84 1.03 -4.17	19.47 0.88 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.98 0.86 -7.96	23.02 0.82 -10.76	29.67 0.99 -14.54	34.91 1.38 -12.23	36.40 1.50 -13.52	29.45 1.36 -6.77	23.98 1.33 -3.34	20.24 1.29 -0.49	17.99 1.13 0.00
RAVENSWOOD_GT3_2 24249	17.55 1.10 0.00	16.13 0.98 0.00	15.07 0.87 0.00	14.86 0.83 0.00	15.10 0.81 0.00	15.67 0.89 0.00	19.13 1.10 -1.83	20.64 1.20 -2.54	21.15 1.01 -5.89	20.43 0.99 -5.29	20.80 1.00 -5.38	19.84 1.03 -4.17	19.47 0.88 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.98 0.86 -7.96	23.02 0.82 -10.76	29.67 0.99 -14.54	34.91 1.38 -12.23	36.40 1.50 -13.52	29.45 1.36 -6.77	23.98 1.33 -3.34	20.24 1.29 -0.49	17.99 1.13 0.00
RAVENSWOOD_GT3_3 24250	17.56 1.12 0.00	16.14 1.00 0.00	15.08 0.88 0.00	14.87 0.84 0.00	15.12 0.83 0.00	15.68 0.90 0.00	19.15 1.12 -1.83	20.67 1.23 -2.54	21.17 1.03 -5.89	20.44 1.00 -5.29	20.81 1.01 -5.38	19.86 1.04 -4.17	19.48 0.89 -6.34	19.40 0.78 -7.93	19.88 0.83 -7.57	21.00 0.88 -7.96	23.04 0.83 -10.76	29.69 1.00 -14.54	34.93 1.41 -12.23	36.42 1.52 -13.52	29.47 1.39 -6.77	24.00 1.35 -3.34	20.26 1.31 -0.49	18.01 1.15 0.00
RAVENSWOOD_GT3_4 24251	17.56 1.12 0.00	16.14 1.00 0.00	15.08 0.88 0.00	14.87 0.84 0.00	15.12 0.83 0.00	15.68 0.90 0.00	19.15 1.12 -1.83	20.67 1.23 -2.54	21.17 1.03 -5.89	20.44 1.00 -5.29	20.81 1.01 -5.38	19.86 1.04 -4.17	19.48 0.89 -6.34	19.40 0.78 -7.93	19.88 0.83 -7.57	21.00 0.88 -7.96	23.04 0.83 -10.76	29.69 1.00 -14.54	34.93 1.41 -12.23	36.42 1.52 -13.52	29.47 1.39 -6.77	24.00 1.35 -3.34	20.26 1.31 -0.49	18.01 1.15 0.00
RAVENSWOOD_GT_1 23729	17.64 1.18 -0.01	16.18 1.03 -0.01	15.12 0.91 -0.01	14.94 0.90 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.22 1.18 -1.84	20.73 1.28 -2.55	21.21 1.07 -5.89	20.47 1.03 -5.29	20.86 1.05 -5.38	19.90 1.08 -4.17	19.52 0.93 -6.35	19.45 0.82 -7.94	19.93 0.87 -7.58	21.05 0.92 -7.97	23.09 0.88 -10.77	29.73 1.05 -14.54	34.99 1.47 -12.23	36.48 1.58 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.31 1.37 -0.49	18.06 1.20 0.00

RAVENSWOOD_GT_10 24258	17.55 1.10 0.00	16.13 0.98 0.00	15.07 0.87 0.00	14.86 0.83 0.00	15.10 0.81 0.00	15.67 0.89 0.00	19.13 1.10 -1.83	20.65 1.22 -2.54	21.15 1.01 -5.89	20.43 0.99 -5.29	20.80 1.00 -5.38	19.84 1.03 -4.17	19.47 0.88 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.98 0.86 -7.96	23.02 0.82 -10.76	29.67 0.99 -14.54	34.91 1.38 -12.23	36.40 1.50 -13.52	29.45 1.36 -6.77	23.98 1.33 -3.34	20.24 1.29 -0.49	17.99 1.13 0.00
RAVENSWOOD_GT_11 24259	17.55 1.10 0.00	16.12 0.97 0.00	15.05 0.85 0.00	14.86 0.83 0.00	15.12 0.83 0.00	15.67 0.89 0.00	19.13 1.10 -1.83	20.65 1.22 -2.54	21.15 1.01 -5.89	20.43 0.99 -5.29	20.80 0.99 -5.38	19.84 1.03 -4.17	19.47 0.88 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.99 0.86 -7.96	23.02 0.82 -10.76	29.67 0.99 -14.54	34.91 1.38 -12.23	36.40 1.50 -13.52	29.45 1.37 -6.77	23.96 1.31 -3.34	20.24 1.29 -0.49	17.99 1.13 0.00
RAVENSWOOD_GT_4 24252	17.55 1.10 0.00	16.13 0.98 0.00	15.05 0.85 0.00	14.85 0.81 0.00	15.10 0.81 0.00	15.65 0.87 0.00	19.11 1.09 -1.83	20.64 1.20 -2.54	21.14 1.00 -5.89	20.43 0.99 -5.29	20.80 1.00 -5.38	19.83 1.01 -4.17	19.45 0.87 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.98 0.86 -7.96	23.01 0.81 -10.76	29.66 0.98 -14.54	34.89 1.36 -12.23	36.37 1.48 -13.52	29.45 1.36 -6.77	23.96 1.31 -3.34	20.24 1.29 -0.49	17.97 1.11 0.00
RAVENSWOOD_GT_5 24254	17.55 1.10 0.00	16.13 0.98 0.00	15.05 0.85 0.00	14.85 0.81 0.00	15.10 0.81 0.00	15.65 0.87 0.00	19.11 1.09 -1.83	20.64 1.20 -2.54	21.14 1.00 -5.89	20.43 0.99 -5.29	20.80 1.00 -5.38	19.83 1.01 -4.17	19.45 0.87 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.98 0.86 -7.96	23.01 0.81 -10.76	29.66 0.98 -14.54	34.89 1.36 -12.23	36.37 1.48 -13.52	29.45 1.36 -6.77	23.96 1.31 -3.34	20.24 1.29 -0.49	17.97 1.11 0.00
RAVENSWOOD_GT_6 24253	17.55 1.10 0.00	16.13 0.98 0.00	15.05 0.85 0.00	14.85 0.81 0.00	15.10 0.81 0.00	15.65 0.87 0.00	19.11 1.09 -1.83	20.64 1.20 -2.54	21.14 1.00 -5.89	20.43 0.99 -5.29	20.80 1.00 -5.38	19.83 1.01 -4.17	19.45 0.87 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.98 0.86 -7.96	23.01 0.81 -10.76	29.66 0.98 -14.54	34.89 1.36 -12.23	36.37 1.48 -13.52	29.45 1.36 -6.77	23.96 1.31 -3.34	20.24 1.29 -0.49	17.97 1.11 0.00
RAVENSWOOD_GT_7 24255	17.55 1.10 0.00	16.13 0.98 0.00	15.05 0.85 0.00	14.85 0.81 0.00	15.10 0.81 0.00	15.65 0.87 0.00	19.11 1.09 -1.83	20.64 1.20 -2.54	21.14 1.00 -5.89	20.43 0.99 -5.29	20.80 1.00 -5.38	19.83 1.01 -4.17	19.45 0.87 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.98 0.86 -7.96	23.01 0.81 -10.76	29.66 0.98 -14.54	34.89 1.36 -12.23	36.37 1.48 -13.52	29.45 1.36 -6.77	23.96 1.31 -3.34	20.24 1.29 -0.49	17.97 1.11 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	17.55 1.10 0.00	16.13 0.98 0.00	15.07 0.87 0.00	14.86 0.83 0.00	15.10 0.81 0.00	15.67 0.89 0.00	19.13 1.10 -1.83	20.65 1.22 -2.54	21.15 1.01 -5.89	20.43 0.99 -5.29	20.80 1.00 -5.38	19.84 1.03 -4.17	19.47 0.88 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.98 0.86 -7.96	23.02 0.82 -10.76	29.67 0.99 -14.54	34.91 1.38 -12.23	36.40 1.50 -13.52	29.45 1.36 -6.77	23.98 1.33 -3.34	20.24 1.29 -0.49	17.99 1.13 0.00
RAVENSWOOD_GT_9 24257	17.55 1.10 0.00	16.13 0.98 0.00	15.07 0.87 0.00	14.86 0.83 0.00	15.10 0.81 0.00	15.67 0.89 0.00	19.13 1.10 -1.83	20.65 1.22 -2.54	21.15 1.01 -5.89	20.43 0.99 -5.29	20.80 1.00 -5.38	19.84 1.03 -4.17	19.47 0.88 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.98 0.86 -7.96	23.02 0.82 -10.76	29.67 0.99 -14.54	34.91 1.38 -12.23	36.40 1.50 -13.52	29.45 1.36 -6.77	23.98 1.33 -3.34	20.24 1.29 -0.49	17.99 1.13 0.00
RAVENSWOOD___1 23533	17.62 1.17 -0.01	16.18 1.03 -0.01	15.12 0.91 -0.01	14.93 0.88 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.73 1.28 -2.55	21.21 1.07 -5.89	20.47 1.03 -5.29	20.86 1.05 -5.38	19.90 1.08 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.93 0.87 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.73 1.05 -14.54	34.99 1.47 -12.23	36.46 1.56 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.06 1.20 0.00
RAVENSWOOD___2 23534	17.62 1.17 -0.01	16.18 1.03 -0.01	15.12 0.91 -0.01	14.93 0.88 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.21 1.07 -5.89	20.47 1.03 -5.29	20.86 1.05 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.73 1.05 -14.54	34.99 1.47 -12.23	36.46 1.56 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.04 1.18 0.00
RAVENSWOOD___3 23535	17.55 1.10 0.00	16.12 0.97 0.00	15.05 0.85 0.00	14.86 0.83 0.00	15.12 0.83 0.00	15.67 0.89 0.00	19.13 1.10 -1.83	20.64 1.20 -2.54	21.15 1.01 -5.89	20.43 0.99 -5.29	20.80 0.99 -5.38	19.84 1.03 -4.17	19.45 0.87 -6.34	19.38 0.77 -7.93	19.86 0.81 -7.57	20.99 0.86 -7.96	23.02 0.82 -10.76	29.67 0.99 -14.54	34.91 1.38 -12.23	36.40 1.50 -13.52	29.45 1.37 -6.77	23.96 1.31 -3.34	20.24 1.29 -0.49	17.99 1.13 0.00
RAVENSWOOD___4 23820	17.62 1.17 -0.01	16.18 1.03 -0.01	15.10 0.90 -0.01	14.93 0.88 -0.01	15.18 0.89 -0.01	15.73 0.95 0.00	19.20 1.17 -1.84	20.71 1.27 -2.55	21.20 1.05 -5.89	20.47 1.03 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.51 0.92 -6.35	19.43 0.81 -7.94	19.92 0.86 -7.58	21.04 0.91 -7.97	23.08 0.87 -10.77	29.73 1.05 -14.54	34.98 1.45 -12.23	36.46 1.56 -13.52	29.45 1.37 -6.77	24.04 1.39 -3.34	20.29 1.35 -0.49	18.04 1.18 0.00
RCPL_TRUST___DRP 24196	17.55 1.10 0.00	16.13 0.98 0.00	15.07 0.87 0.00	14.86 0.83 0.00	15.10 0.81 0.00	15.67 0.89 0.00	19.13 1.10 -1.83	20.65 1.22 -2.54	21.15 1.01 -5.89	20.44 1.00 -5.29	20.82 1.01 -5.38	19.85 1.03 -4.17	19.47 0.88 -6.34	19.40 0.78 -7.93	19.88 0.83 -7.57	20.99 0.86 -7.96	23.02 0.82 -10.76	29.67 0.99 -14.54	34.91 1.38 -12.23	36.40 1.50 -13.52	29.45 1.36 -6.77	23.96 1.31 -3.34	20.24 1.29 -0.49	17.97 1.11 0.00
RED___ROCHESTER 323720	16.30 -0.15 0.00	15.05 -0.09 0.00	13.97 -0.23 0.00	13.86 -0.17 0.00	14.13 -0.16 0.00	14.59 -0.19 0.00	16.25 -0.16 -0.21	16.90 -0.15 -0.16	14.52 -0.08 -0.36	14.48 -0.08 -0.41	14.61 -0.06 -0.24	14.66 -0.04 -0.05	12.58 0.02 -0.31	11.13 0.02 -0.43	11.81 0.05 -0.29	12.46 0.06 -0.24	12.62 0.07 -1.12	15.88 0.04 -1.69	22.83 0.11 -1.42	22.70 0.21 -1.10	22.13 0.02 -0.79	19.74 0.04 -0.39	18.59 0.07 -0.06	16.93 0.07 0.00
REGAN___SOLAR 323812	18.17 1.73 0.00	16.74 1.59 0.00	15.69 1.49 0.00	15.49 1.46 0.00	15.76 1.47 0.00	16.41 1.63 0.00	20.45 1.81 -2.44	21.04 1.83 -2.32	21.05 1.53 -5.28	21.07 1.44 -5.47	19.93 1.36 -4.15	18.22 1.41 -2.16	18.60 1.22 -5.14	18.39 1.02 -6.68	18.13 1.15 -5.51	18.70 1.29 -5.25	26.02 1.31 -13.26	35.26 1.78 -19.33	40.65 3.09 -16.26	38.72 3.06 -14.28	33.18 2.86 -9.00	26.04 2.30 -4.44	21.27 2.16 -0.65	18.73 1.87 0.00

RENSSELAER___COGEN 23796	16.82 0.38 0.00	15.52 0.38 0.00	14.53 0.33 0.00	14.34 0.31 0.00	14.60 0.31 0.00	15.13 0.35 0.00	18.89 0.34 -2.36	19.56 0.37 -2.29	19.77 0.30 -5.22	19.80 0.28 -5.36	18.89 0.32 -4.15	17.24 0.34 -2.25	17.65 0.28 -5.13	17.58 0.25 -6.65	17.30 0.27 -5.55	17.79 0.29 -5.33	24.55 0.24 -12.87	33.13 0.30 -18.68	37.48 0.47 -15.72	35.83 0.47 -13.98	30.47 0.45 -8.70	24.00 0.41 -4.29	19.48 0.39 -0.63	17.21 0.35 0.00
REPUBLIC_115KV_BARTNBRK 55605	18.27 1.83 0.00	16.77 1.62 0.00	15.71 1.51 0.00	15.48 1.45 0.00	15.77 1.49 0.00	16.42 1.64 0.00	20.43 1.81 -2.42	20.95 1.74 -2.32	21.01 1.48 -5.27	21.15 1.54 -5.45	20.11 1.53 -4.16	18.35 1.51 -2.19	18.58 1.19 -5.15	18.34 0.96 -6.69	17.97 0.95 -5.54	18.53 1.07 -5.29	25.73 1.11 -13.18	34.78 1.44 -19.19	40.12 2.68 -16.14	38.30 2.69 -14.22	32.98 2.73 -8.94	25.91 2.20 -4.40	21.13 2.03 -0.65	18.68 1.82 0.00
REVERE_CPPR_DRP 24186	16.92 0.48 0.00	15.61 0.47 0.00	14.56 0.36 0.00	14.41 0.38 0.00	14.69 0.40 0.00	15.19 0.41 0.00	16.68 0.39 -0.10	17.41 0.44 -0.07	14.75 0.34 -0.16	14.67 0.33 -0.19	14.85 0.32 -0.11	14.97 0.29 -0.02	12.65 0.27 -0.14	11.14 0.26 -0.19	11.86 0.25 -0.13	12.53 0.26 -0.11	12.20 0.25 -0.51	15.30 0.38 -0.77	22.57 0.62 -0.65	22.57 0.68 -0.50	22.36 0.68 -0.36	20.03 0.54 -0.18	18.95 0.46 -0.03	17.38 0.52 0.00
REYNOLDS_115KV_TB3 80639	16.95 0.51 0.00	15.65 0.50 0.00	14.63 0.43 0.00	14.44 0.41 0.00	14.70 0.41 0.00	15.22 0.44 0.00	19.01 0.45 -2.36	19.69 0.49 -2.30	19.90 0.41 -5.24	19.94 0.41 -5.38	19.01 0.42 -4.17	17.36 0.44 -2.27	17.75 0.37 -5.15	17.68 0.32 -6.67	17.41 0.36 -5.58	17.91 0.38 -5.37	24.66 0.33 -12.89	33.26 0.41 -18.70	37.65 0.62 -15.73	36.01 0.62 -14.01	30.65 0.62 -8.71	24.16 0.56 -4.29	19.62 0.54 -0.63	17.35 0.49 0.00
RIVERBAY____ 323610	17.68 1.25 0.02	16.25 1.12 0.02	15.18 0.99 0.02	14.97 0.95 0.02	15.21 0.94 0.02	15.80 1.02 0.00	19.26 1.25 -1.82	20.79 1.37 -2.53	21.28 1.14 -5.89	20.53 1.09 -5.29	20.90 1.10 -5.38	19.95 1.13 -4.17	19.54 0.97 -6.33	19.45 0.85 -7.91	19.94 0.91 -7.56	21.07 0.96 -7.94	23.09 0.90 -10.75	29.79 1.10 -14.54	35.10 1.58 -12.23	36.59 1.69 -13.52	29.54 1.45 -6.77	24.13 1.49 -3.34	20.39 1.44 -0.49	18.14 1.28 0.00
RIVERSDE_115KV_TB3 55908	16.89 0.44 0.00	15.60 0.45 0.00	14.60 0.40 0.00	14.40 0.36 0.00	14.66 0.37 0.00	15.19 0.41 0.00	18.96 0.40 -2.36	19.63 0.44 -2.30	19.84 0.36 -5.24	19.88 0.35 -5.38	18.96 0.38 -4.16	17.30 0.40 -2.25	17.71 0.33 -5.14	17.64 0.29 -6.66	17.36 0.32 -5.56	17.85 0.34 -5.35	24.64 0.30 -12.91	33.26 0.37 -18.74	37.62 0.55 -15.76	35.96 0.56 -14.02	30.60 0.55 -8.73	24.09 0.48 -4.30	19.55 0.46 -0.63	17.28 0.42 0.00
ROARING___BROOK_WT_PWR 323790	16.13 -0.31 0.00	14.83 -0.32 0.00	13.85 -0.35 0.00	13.67 -0.36 0.00	13.90 -0.39 0.00	14.34 -0.44 0.00	15.63 -0.57 0.00	16.24 -0.66 0.00	13.62 -0.63 0.00	13.46 -0.69 0.00	13.65 -0.78 0.00	13.82 -0.83 0.00	11.52 -0.72 0.00	10.05 -0.64 0.00	10.79 -0.69 0.00	11.45 -0.72 0.00	10.77 -0.66 0.00	13.36 -0.79 0.00	20.15 -1.15 0.00	20.25 -1.13 0.00	20.21 -1.11 0.00	18.32 -0.98 0.00	17.54 -0.92 0.00	16.00 -0.86 0.00
ROCHESRG_115KV_T4 355643	16.15 -0.30 0.00	14.89 -0.26 0.00	13.83 -0.37 0.00	13.75 -0.28 0.00	14.02 -0.27 0.00	14.48 -0.30 0.00	16.15 -0.26 -0.21	16.78 -0.27 -0.16	14.40 -0.20 -0.35	14.38 -0.18 -0.41	14.49 -0.17 -0.24	14.54 -0.16 -0.05	12.48 -0.07 -0.31	11.04 -0.06 -0.42	11.72 -0.05 -0.29	12.36 -0.04 -0.24	12.51 -0.03 -1.11	15.74 -0.08 -1.68	22.56 -0.15 -1.41	22.45 -0.02 -1.09	21.91 -0.19 -0.78	19.54 -0.15 -0.38	18.42 -0.09 -0.06	16.76 -0.10 0.00
ROCHESTER_9_IC 23652	16.23 -0.21 0.00	14.96 -0.18 0.00	13.89 -0.31 0.00	13.81 -0.22 0.00	14.07 -0.21 0.00	14.54 -0.24 0.00	16.22 -0.19 -0.21	16.85 -0.20 -0.16	14.46 -0.14 -0.36	14.44 -0.13 -0.41	14.55 -0.12 -0.24	14.61 -0.09 -0.05	12.53 -0.02 -0.31	11.10 -0.01 -0.43	11.77 0.00 -0.29	12.41 0.01 -0.24	12.58 0.02 -1.12	15.83 -0.01 -1.69	22.70 -0.02 -1.42	22.59 0.11 -1.10	22.02 -0.09 -0.79	19.64 -0.06 -0.39	18.51 0.00 -0.06	16.86 0.00 0.00
ROCKVIEW_13_KV_LD 356306	17.55 1.10 0.00	16.13 0.98 0.00	15.07 0.87 0.00	14.85 0.81 0.00	15.12 0.83 0.00	15.68 0.90 0.00	19.13 1.10 -1.83	20.65 1.22 -2.54	21.17 1.03 -5.90	20.46 1.02 -5.29	20.83 1.02 -5.38	19.86 1.04 -4.17	19.47 0.88 -6.35	19.40 0.78 -7.93	19.89 0.84 -7.58	21.00 0.88 -7.96	23.02 0.82 -10.76	29.70 1.02 -14.53	34.99 1.47 -12.23	36.48 1.58 -13.52	29.52 1.43 -6.77	24.00 1.35 -3.34	20.26 1.31 -0.49	18.01 1.15 0.00
ROME_____115KV_TB2 80656	16.92 0.48 0.00	15.61 0.47 0.00	14.56 0.36 0.00	14.41 0.38 0.00	14.69 0.40 0.00	15.19 0.41 0.00	16.68 0.39 -0.10	17.41 0.44 -0.07	14.75 0.34 -0.16	14.67 0.33 -0.19	14.85 0.32 -0.11	14.97 0.29 -0.02	12.65 0.27 -0.14	11.14 0.26 -0.19	11.86 0.25 -0.13	12.53 0.26 -0.11	12.20 0.25 -0.51	15.30 0.38 -0.77	22.57 0.62 -0.65	22.57 0.68 -0.50	22.36 0.68 -0.36	20.03 0.54 -0.18	18.95 0.46 -0.03	17.38 0.52 0.00
ROSETON___1 23587	17.17 0.72 0.00	15.78 0.64 0.00	14.75 0.55 0.00	14.58 0.55 0.00	14.84 0.56 0.00	15.39 0.61 0.00	18.99 0.70 -2.10	19.87 0.74 -2.23	19.98 0.63 -5.11	19.83 0.62 -5.06	19.28 0.62 -4.23	17.88 0.63 -2.60	17.93 0.54 -5.15	17.76 0.47 -6.61	17.73 0.50 -5.75	18.39 0.53 -5.70	23.60 0.50 -11.66	31.43 0.62 -16.66	36.21 0.89 -14.02	35.46 0.96 -13.12	30.00 0.92 -7.76	23.96 0.83 -3.82	19.83 0.81 -0.56	17.57 0.71 0.00
ROSETON___2 23588	17.17 0.72 0.00	15.78 0.64 0.00	14.75 0.55 0.00	14.58 0.55 0.00	14.84 0.56 0.00	15.39 0.61 0.00	18.99 0.70 -2.10	19.87 0.74 -2.23	19.98 0.63 -5.11	19.83 0.62 -5.06	19.28 0.62 -4.23	17.88 0.63 -2.60	17.93 0.54 -5.15	17.76 0.47 -6.61	17.73 0.50 -5.75	18.39 0.53 -5.70	23.60 0.50 -11.66	31.43 0.62 -16.66	36.21 0.89 -14.02	35.46 0.96 -13.12	30.00 0.92 -7.76	23.96 0.83 -3.82	19.83 0.81 -0.56	17.57 0.71 0.00
ROTTTRDAM_115KV_TB3 80664	17.14 0.69 0.00	15.78 0.64 0.00	14.76 0.55 0.00	14.58 0.55 0.00	14.85 0.56 0.00	15.39 0.61 0.00	19.30 0.66 -2.44	19.89 0.68 -2.32	20.09 0.57 -5.28	20.19 0.57 -5.47	19.15 0.58 -4.15	17.38 0.57 -2.16	17.87 0.49 -5.14	17.80 0.43 -6.68	17.43 0.45 -5.51	17.90 0.49 -5.25	25.17 0.47 -13.26	34.08 0.59 -19.33	38.50 0.94 -16.26	36.62 0.96 -14.28	31.26 0.94 -9.00	24.56 0.81 -4.44	19.88 0.78 -0.65	17.55 0.69 0.00
RUSSELL___1 23602	16.30 -0.15 0.00	15.02 -0.12 0.00	13.95 -0.26 0.00	13.86 -0.17 0.00	14.12 -0.17 0.00	14.59 -0.19 0.00	16.26 -0.15 -0.21	16.90 -0.15 -0.16	14.50 -0.10 -0.36	14.48 -0.08 -0.41	14.60 -0.06 -0.24	14.66 -0.04 -0.05	12.58 0.02 -0.31	11.13 0.02 -0.43	11.81 0.05 -0.29	12.46 0.06 -0.24	12.62 0.07 -1.12	15.88 0.04 -1.69	22.83 0.11 -1.42	22.72 0.24 -1.10	22.13 0.02 -0.79	19.73 0.04 -0.39	18.59 0.07 -0.06	16.93 0.07 0.00

RUSSELL___2 23532	16.30 -0.15 0.00	15.02 -0.12 0.00	13.95 -0.26 0.00	13.86 -0.17 0.00	14.12 -0.17 0.00	14.59 -0.19 0.00	16.26 -0.15 -0.21	16.90 -0.15 -0.16	14.50 -0.10 -0.36	14.48 -0.08 -0.41	14.60 -0.06 -0.24	14.66 -0.04 -0.05	12.58 0.02 -0.31	11.13 0.02 -0.43	11.81 0.05 -0.29	12.46 0.06 -0.24	12.62 0.07 -1.12	15.88 0.04 -1.69	22.83 0.11 -1.42	22.72 0.24 -1.10	22.13 0.02 -0.79	19.73 0.04 -0.39	18.59 0.07 -0.06	16.93 0.07 0.00
RUSSELL___3 23549	16.30 -0.15 0.00	15.02 -0.12 0.00	13.95 -0.26 0.00	13.86 -0.17 0.00	14.12 -0.17 0.00	14.59 -0.19 0.00	16.26 -0.15 -0.21	16.90 -0.15 -0.16	14.50 -0.10 -0.36	14.48 -0.08 -0.41	14.60 -0.06 -0.24	14.66 -0.04 -0.05	12.58 0.02 -0.31	11.13 0.02 -0.43	11.81 0.05 -0.29	12.46 0.06 -0.24	12.62 0.07 -1.12	15.88 0.04 -1.69	22.83 0.11 -1.42	22.72 0.24 -1.10	22.13 0.02 -0.79	19.73 0.04 -0.39	18.59 0.07 -0.06	16.93 0.07 0.00
RUSSELL___4 23556	16.30 -0.15 0.00	15.02 -0.12 0.00	13.95 -0.26 0.00	13.86 -0.17 0.00	14.12 -0.17 0.00	14.59 -0.19 0.00	16.26 -0.15 -0.21	16.90 -0.15 -0.16	14.50 -0.10 -0.36	14.48 -0.08 -0.41	14.60 -0.06 -0.24	14.66 -0.04 -0.05	12.58 0.02 -0.31	11.13 0.02 -0.43	11.81 0.05 -0.29	12.46 0.06 -0.24	12.62 0.07 -1.12	15.88 0.04 -1.69	22.83 0.11 -1.42	22.72 0.24 -1.10	22.13 0.02 -0.79	19.73 0.04 -0.39	18.59 0.07 -0.06	16.93 0.07 0.00
RUSSELL___STATION 23914	16.30 -0.15 0.00	15.02 -0.12 0.00	13.95 -0.26 0.00	13.86 -0.17 0.00	14.12 -0.17 0.00	14.59 -0.19 0.00	16.26 -0.15 -0.21	16.90 -0.15 -0.16	14.50 -0.10 -0.36	14.48 -0.08 -0.41	14.60 -0.06 -0.24	14.66 -0.04 -0.05	12.58 0.02 -0.31	11.13 0.02 -0.43	11.81 0.05 -0.29	12.46 0.06 -0.24	12.62 0.07 -1.12	15.88 0.04 -1.69	22.83 0.11 -1.42	22.72 0.24 -1.10	22.13 0.02 -0.79	19.73 0.04 -0.39	18.59 0.07 -0.06	16.93 0.07 0.00
S SALMON___HYD 24043	16.69 0.25 0.00	15.40 0.26 0.00	14.34 0.14 0.00	14.20 0.17 0.00	14.50 0.21 0.00	14.96 0.18 0.00	16.48 0.15 -0.14	17.53 0.20 -0.43	14.91 0.16 -0.51	14.85 0.16 -0.54	15.12 0.19 -0.51	15.29 0.19 -0.44	13.00 0.18 -0.57	11.47 0.17 -0.61	12.20 0.18 -0.54	12.84 0.16 -0.52	12.52 0.14 -0.95	15.76 0.24 -1.37	23.03 0.40 -1.33	22.99 0.49 -1.12	22.70 0.47 -0.92	20.33 0.41 -0.62	19.18 0.33 -0.39	17.50 0.32 -0.32
S.PERRY___115KV_TB1 80734	16.69 0.25 0.00	15.39 0.24 0.00	14.24 0.04 0.00	14.16 0.13 0.00	14.46 0.17 0.00	14.91 0.13 0.00	16.55 0.05 -0.31	17.21 0.08 -0.23	14.83 0.07 -0.51	14.78 0.03 -0.60	14.77 0.00 -0.34	14.71 -0.01 -0.07	12.77 0.07 -0.45	11.37 0.06 -0.62	12.00 0.10 -0.42	12.65 0.15 -0.35	13.21 0.16 -1.62	16.81 0.21 -2.45	23.80 0.45 -2.06	23.63 0.66 -1.59	22.86 0.41 -1.14	20.26 0.39 -0.56	18.93 0.39 -0.08	17.42 0.56 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	15.93 -0.51 0.00	14.68 -0.47 0.00	13.63 -0.57 0.00	13.61 -0.42 0.00	13.86 -0.43 0.00	14.31 -0.47 0.00	15.66 -0.83 -0.29	16.23 -0.88 -0.22	14.08 -0.66 -0.48	14.08 -0.64 -0.56	14.06 -0.69 -0.32	14.06 -0.66 -0.07	12.30 -0.37 -0.43	10.94 -0.32 -0.58	11.58 -0.30 -0.40	12.17 -0.32 -0.32	12.65 -0.31 -1.52	15.92 -0.52 -2.30	22.15 -1.09 -1.93	22.00 -0.88 -1.49	21.39 -1.00 -1.07	19.00 -0.83 -0.53	17.94 -0.59 -0.08	16.72 -0.13 0.00
SAWYER___23_KV_LOAD 55526	15.93 -0.51 0.00	14.68 -0.47 0.00	13.63 -0.57 0.00	13.61 -0.42 0.00	13.86 -0.43 0.00	14.31 -0.47 0.00	15.66 -0.83 -0.29	16.23 -0.88 -0.22	14.08 -0.66 -0.48	14.08 -0.64 -0.56	14.06 -0.69 -0.32	14.06 -0.66 -0.07	12.30 -0.37 -0.43	10.94 -0.32 -0.58	11.58 -0.30 -0.40	12.17 -0.32 -0.32	12.65 -0.31 -1.52	15.92 -0.52 -2.30	22.15 -1.09 -1.93	22.00 -0.88 -1.49	21.39 -1.00 -1.07	19.00 -0.83 -0.53	17.94 -0.59 -0.08	16.72 -0.13 0.00
SELKIRK___I 23801	16.99 0.54 0.00	15.66 0.52 0.00	14.66 0.45 0.00	14.48 0.45 0.00	14.74 0.46 0.00	15.27 0.49 0.00	19.02 0.50 -2.32	19.69 0.52 -2.27	19.86 0.43 -5.18	19.87 0.41 -5.30	18.99 0.43 -4.13	17.36 0.44 -2.26	17.70 0.37 -5.10	17.61 0.32 -6.60	17.36 0.36 -5.53	17.87 0.38 -5.33	24.47 0.34 -12.69	32.99 0.44 -18.40	37.46 0.68 -15.48	35.89 0.68 -13.82	30.57 0.68 -8.57	24.11 0.58 -4.22	19.65 0.57 -0.62	17.38 0.52 0.00
SELKIRK___II 23799	16.90 0.46 0.00	15.58 0.44 0.00	14.59 0.38 0.00	14.41 0.38 0.00	14.66 0.37 0.00	15.19 0.41 0.00	18.97 0.42 -2.35	19.63 0.46 -2.28	19.82 0.37 -5.20	19.86 0.37 -5.34	18.93 0.37 -4.13	17.27 0.40 -2.23	17.67 0.33 -5.10	17.59 0.29 -6.61	17.31 0.32 -5.51	17.80 0.34 -5.29	24.57 0.30 -12.83	33.17 0.38 -18.64	37.53 0.55 -15.68	35.88 0.58 -13.92	30.55 0.55 -8.68	24.09 0.50 -4.28	19.56 0.48 -0.63	17.30 0.44 0.00
SENECA OSWGO___HYD 24041	16.71 0.26 0.00	15.42 0.27 0.00	14.36 0.16 0.00	14.21 0.18 0.00	14.53 0.24 0.00	15.00 0.22 0.00	16.61 0.26 -0.16	17.33 0.32 -0.12	14.78 0.27 -0.26	14.74 0.28 -0.30	14.90 0.30 -0.17	15.00 0.31 -0.04	12.74 0.27 -0.23	11.23 0.23 -0.31	11.95 0.26 -0.21	12.60 0.27 -0.17	12.49 0.24 -0.81	15.72 0.34 -1.23	22.89 0.55 -1.04	22.82 0.64 -0.80	22.45 0.55 -0.57	20.07 0.48 -0.28	18.92 0.42 -0.04	17.25 0.39 0.00
SENECA___115KV_TB3 355854	16.18 -0.26 0.00	14.89 -0.26 0.00	13.82 -0.38 0.00	13.79 -0.24 0.00	14.05 -0.24 0.00	14.50 -0.28 0.00	15.68 -0.81 -0.30	16.24 -0.88 -0.22	14.09 -0.66 -0.50	14.10 -0.64 -0.58	14.06 -0.69 -0.33	14.06 -0.66 -0.07	12.30 -0.38 -0.44	10.95 -0.33 -0.60	11.59 -0.30 -0.41	12.18 -0.32 -0.33	12.68 -0.32 -1.57	16.01 -0.51 -2.38	22.23 -1.06 -2.00	22.11 -0.81 -1.54	21.49 -0.94 -1.11	19.06 -0.79 -0.55	17.98 -0.55 -0.08	16.98 0.12 0.00
SENECA___ENERGY 23797	16.40 -0.05 0.00	15.12 -0.03 0.00	14.06 -0.14 0.00	13.93 -0.10 0.00	14.23 -0.06 0.00	14.71 -0.07 0.00	16.33 -0.10 -0.23	17.00 -0.07 -0.17	14.58 -0.06 -0.39	14.56 -0.04 -0.45	14.63 -0.06 -0.26	14.65 -0.06 -0.05	12.56 -0.02 -0.34	11.13 -0.02 -0.46	11.78 -0.01 -0.32	12.44 0.01 -0.26	12.67 0.01 -1.22	16.04 0.04 -1.85	22.94 0.09 -1.56	22.77 0.19 -1.20	22.24 0.06 -0.86	19.77 0.04 -0.42	18.56 0.04 -0.06	16.96 0.10 0.00
SHOEMAKER___GT 23640	17.25 0.81 0.00	15.84 0.70 0.00	14.80 0.60 0.00	14.61 0.58 0.00	14.87 0.59 0.00	15.40 0.62 0.00	18.47 0.76 -1.51	16.04 0.83 1.68	10.67 0.68 4.27	13.62 0.67 1.19	8.82 0.68 6.28	6.72 0.67 8.61	6.30 0.58 6.51	4.00 0.51 7.20	2.03 0.55 9.99	0.33 0.58 12.42	17.10 0.54 -5.13	26.82 0.69 -11.98	32.39 1.02 -10.07	20.47 1.11 2.02	27.90 1.00 -5.58	22.98 0.93 -2.75	19.75 0.89 -0.40	17.65 0.79 0.00
SHOEMAKR_138KV_BK 111 55601	17.25 0.81 0.00	15.86 0.71 0.00	14.80 0.60 0.00	14.61 0.58 0.00	14.87 0.59 0.00	15.40 0.62 0.00	18.45 0.76 -1.49	14.77 0.83 2.95	7.59 0.68 7.34	11.75 0.68 3.08	5.22 0.68 9.88	2.71 0.69 12.63	2.36 0.59 10.46	-0.63 0.51 11.83	-3.42 0.55 15.44	-6.02 0.60 18.77	15.77 0.55 -3.79	26.68 0.69 -11.84	32.28 1.02 -9.96	15.99 1.11 6.51	27.85 1.02 -5.51	22.95 0.93 -2.72	19.76 0.90 -0.40	17.67 0.81 0.00

SHOREHAM_IC_1 23715	18.15 1.71 0.00	16.57 1.42 0.00	15.39 1.19 0.00	15.14 1.11 0.00	15.40 1.12 0.00	16.17 1.39 0.00	19.68 1.65 -1.83	21.19 1.76 -2.54	21.55 1.41 -5.89	20.84 1.40 -5.29	21.24 1.44 -5.38	20.12 1.30 -4.16	19.66 1.08 -6.34	19.61 1.00 -7.92	20.16 1.11 -7.57	21.40 1.29 -7.95	24.55 1.37 -11.74	30.33 1.64 -14.54	36.10 2.55 -12.25	37.54 2.63 -13.53	30.73 2.60 -6.81	26.37 2.26 -4.80	21.29 2.33 -0.51	19.02 2.14 -0.02
SHOREHAM_IC_2 23716	18.15 1.71 0.00	16.57 1.42 0.00	15.39 1.19 0.00	15.14 1.11 0.00	15.40 1.12 0.00	16.17 1.39 0.00	19.68 1.65 -1.83	21.19 1.76 -2.54	21.55 1.41 -5.89	20.84 1.40 -5.29	21.24 1.44 -5.38	20.12 1.30 -4.16	19.66 1.08 -6.34	19.61 1.00 -7.92	20.16 1.11 -7.57	21.40 1.29 -7.95	24.55 1.37 -11.74	30.33 1.64 -14.54	36.10 2.55 -12.25	37.54 2.63 -13.53	30.73 2.60 -6.81	26.37 2.26 -4.80	21.29 2.33 -0.51	19.02 2.14 -0.02
SISSONVILLE____ 23735	16.25 -0.20 0.00	14.96 -0.18 0.00	14.10 -0.10 0.00	13.86 -0.17 0.00	14.07 -0.21 0.00	14.54 -0.24 0.00	15.86 -0.34 0.00	19.11 -0.41 -2.62	16.15 -0.33 -2.23	16.05 -0.33 -2.22	16.97 -0.30 -2.85	17.69 -0.31 -3.34	14.96 -0.26 -2.98	13.19 -0.24 -2.74	14.04 -0.29 -2.86	14.82 -0.30 -2.96	12.94 -0.31 -1.81	15.89 -0.47 -2.21	23.97 -0.62 -3.29	23.97 -0.71 -3.29	23.92 -0.68 -3.29	21.76 -0.54 -2.99	20.84 -0.48 -2.86	19.01 -0.46 -2.61
SITHE_IND_GS1 24169	16.13 -0.31 0.00	14.86 -0.29 0.00	13.89 -0.31 0.00	13.74 -0.30 0.00	14.00 -0.29 0.00	14.48 -0.30 0.00	15.99 -0.32 -0.11	16.66 -0.32 -0.08	14.17 -0.27 -0.19	14.10 -0.27 -0.22	14.28 -0.27 -0.13	14.40 -0.28 -0.03	12.17 -0.23 -0.17	10.71 -0.20 -0.23	11.41 -0.22 -0.16	12.06 -0.23 -0.13	11.81 -0.22 -0.60	14.78 -0.27 -0.90	21.65 -0.41 -0.76	21.63 -0.34 -0.58	21.33 -0.41 -0.42	19.15 -0.37 -0.21	18.14 -0.35 -0.03	16.56 -0.30 0.00
SITHE_IND_GS2 24170	16.13 -0.31 0.00	14.86 -0.29 0.00	13.89 -0.31 0.00	13.74 -0.30 0.00	14.00 -0.29 0.00	14.48 -0.30 0.00	15.99 -0.32 -0.11	16.66 -0.32 -0.08	14.17 -0.27 -0.19	14.10 -0.27 -0.22	14.28 -0.27 -0.13	14.40 -0.28 -0.03	12.17 -0.23 -0.17	10.71 -0.20 -0.23	11.41 -0.22 -0.16	12.06 -0.23 -0.13	11.81 -0.22 -0.60	14.78 -0.27 -0.90	21.65 -0.41 -0.76	21.63 -0.34 -0.58	21.33 -0.41 -0.42	19.15 -0.37 -0.21	18.14 -0.35 -0.03	16.56 -0.30 0.00
SITHE_IND_GS3 24171	16.13 -0.31 0.00	14.86 -0.29 0.00	13.89 -0.31 0.00	13.74 -0.30 0.00	14.00 -0.29 0.00	14.48 -0.30 0.00	15.99 -0.32 -0.11	16.66 -0.32 -0.08	14.17 -0.27 -0.19	14.10 -0.27 -0.22	14.28 -0.27 -0.13	14.40 -0.28 -0.03	12.17 -0.23 -0.17	10.71 -0.22 -0.23	11.41 -0.22 -0.16	12.06 -0.23 -0.13	11.81 -0.22 -0.60	14.78 -0.27 -0.90	21.65 -0.41 -0.76	21.63 -0.34 -0.58	21.33 -0.41 -0.42	19.15 -0.37 -0.21	18.14 -0.35 -0.03	16.56 -0.30 0.00
SITHE_IND_GS4 24172	16.13 -0.31 0.00	14.86 -0.29 0.00	13.89 -0.31 0.00	13.74 -0.30 0.00	14.00 -0.29 0.00	14.48 -0.30 0.00	15.99 -0.32 -0.11	16.66 -0.32 -0.08	14.17 -0.27 -0.19	14.10 -0.27 -0.22	14.28 -0.27 -0.13	14.40 -0.28 -0.03	12.17 -0.23 -0.17	10.71 -0.20 -0.23	11.41 -0.22 -0.16	12.06 -0.23 -0.13	11.81 -0.22 -0.60	14.78 -0.27 -0.90	21.65 -0.41 -0.76	21.63 -0.34 -0.58	21.33 -0.41 -0.42	19.15 -0.37 -0.21	18.14 -0.35 -0.03	16.56 -0.30 0.00
SITHE____BATAVIA 24024	16.23 -0.21 0.00	15.01 -0.14 0.00	13.93 -0.27 0.00	13.84 -0.20 0.00	14.10 -0.19 0.00	14.54 -0.24 0.00	16.01 -0.44 -0.25	16.64 -0.44 -0.19	14.35 -0.31 -0.42	14.33 -0.31 -0.49	14.39 -0.32 -0.28	14.42 -0.29 -0.06	12.50 -0.11 -0.37	11.09 -0.10 -0.50	11.75 -0.07 -0.35	12.38 -0.06 -0.28	12.71 -0.05 -1.32	16.01 -0.14 -2.01	22.69 -0.30 -1.69	22.58 -0.11 -1.30	21.89 -0.36 -0.93	19.50 -0.27 -0.46	18.40 -0.13 -0.07	16.98 0.12 0.00
SITHE____INDEPEND 23800	16.13 -0.31 0.00	14.86 -0.29 0.00	13.89 -0.31 0.00	13.74 -0.29 0.00	14.00 -0.29 0.00	14.48 -0.30 0.00	15.99 -0.32 -0.11	16.66 -0.32 -0.08	14.17 -0.27 -0.19	14.11 -0.27 -0.22	14.28 -0.27 -0.13	14.40 -0.28 -0.03	12.18 -0.23 -0.17	10.71 -0.20 -0.23	11.41 -0.22 -0.16	12.06 -0.23 -0.13	11.81 -0.22 -0.60	14.78 -0.27 -0.90	21.65 -0.40 -0.76	21.63 -0.34 -0.58	21.33 -0.41 -0.42	19.15 -0.37 -0.21	18.14 -0.35 -0.03	16.56 -0.30 0.00
SITHE____MASSENA 23902	16.18 -0.26 0.00	14.90 -0.24 0.00	14.06 -0.14 0.00	13.84 -0.20 0.00	14.04 -0.24 0.00	14.53 -0.25 0.00	15.87 -0.32 0.00	17.17 -0.37 -0.64	14.49 -0.30 -0.55	14.40 -0.30 -0.54	14.85 -0.27 -0.70	15.21 -0.26 -0.82	12.75 -0.22 -0.73	11.15 -0.20 -0.67	11.93 -0.24 -0.70	12.63 -0.26 -0.72	11.64 -0.24 -0.44	14.34 -0.35 -0.54	21.64 -0.47 -0.81	21.63 -0.56 -0.81	21.61 -0.51 -0.80	19.60 -0.44 -0.73	18.71 -0.44 -0.70	17.08 -0.42 -0.64
SITHE____OGDNSBRG 24021	16.33 -0.12 0.00	15.04 -0.11 0.00	14.19 -0.01 0.00	13.95 -0.08 0.00	14.17 -0.11 0.00	14.65 -0.13 0.00	15.99 -0.21 0.00	18.50 -0.25 -1.85	15.61 -0.21 -1.58	15.51 -0.21 -1.57	16.24 -0.20 -2.01	16.81 -0.21 -2.36	14.19 -0.16 -2.10	12.47 -0.15 -1.94	13.30 -0.20 -2.02	14.05 -0.21 -2.09	12.52 -0.19 -1.28	15.44 -0.27 -1.56	23.33 -0.30 -2.33	23.30 -0.41 -2.33	23.30 -0.34 -2.32	21.11 -0.31 -2.11	20.16 -0.31 -2.02	18.42 -0.29 -1.84
SITHE____STERLING 23777	16.84 0.39 0.00	15.54 0.39 0.00	14.49 0.28 0.00	14.34 0.31 0.00	14.62 0.33 0.00	15.12 0.34 0.00	16.65 0.34 -0.11	17.37 0.39 -0.08	14.74 0.30 -0.19	14.67 0.30 -0.22	14.84 0.29 -0.13	14.96 0.28 -0.03	12.65 0.24 -0.16	11.14 0.23 -0.22	11.87 0.24 -0.15	12.52 0.23 -0.13	12.25 0.23 -0.59	15.36 0.33 -0.89	22.58 0.53 -0.75	22.56 0.60 -0.58	22.31 0.58 -0.41	19.97 0.46 -0.20	18.89 0.41 -0.03	17.30 0.44 0.00
SLEIGHT__34_KV_TB1 80719	16.76 0.31 0.00	15.45 0.30 0.00	14.36 0.16 0.00	14.23 0.20 0.00	14.56 0.27 0.00	15.05 0.27 0.00	16.75 0.34 -0.22	17.48 0.42 -0.16	14.95 0.34 -0.36	14.94 0.37 -0.42	15.04 0.38 -0.24	15.08 0.38 -0.05	12.91 0.35 -0.32	11.43 0.31 -0.43	12.12 0.34 -0.30	12.77 0.36 -0.24	12.92 0.34 -1.14	16.34 0.47 -1.72	23.51 0.77 -1.45	23.38 0.88 -1.11	22.82 0.70 -0.80	20.32 0.62 -0.39	19.05 0.54 -0.06	17.36 0.51 0.00
SOUTH CAIRO____GT 23612	17.20 0.76 0.00	15.84 0.70 0.00	14.81 0.61 0.00	14.61 0.58 0.00	14.87 0.59 0.00	15.36 0.58 0.00	19.07 0.65 -2.22	19.83 0.68 -2.25	19.89 0.50 -5.15	19.80 0.45 -5.19	19.08 0.48 -4.18	17.55 0.48 -2.42	17.74 0.38 -5.12	17.62 0.33 -6.60	17.47 0.37 -5.63	18.07 0.41 -5.50	24.01 0.35 -12.22	32.32 0.57 -17.60	37.13 1.02 -14.81	35.95 1.07 -13.49	30.45 0.94 -8.20	24.08 0.73 -4.04	19.73 0.68 -0.59	17.47 0.61 0.00
SOUTH HAMPTN____IC 23720	18.34 1.89 0.00	16.74 1.59 0.00	15.55 1.35 0.00	15.30 1.26 0.00	15.56 1.27 0.00	16.33 1.55 0.00	19.86 1.83 -1.83	21.41 1.98 -2.54	21.72 1.58 -5.89	21.02 1.58 -5.29	21.43 1.63 -5.38	20.28 1.47 -4.16	19.79 1.21 -6.34	19.74 1.13 -7.92	20.29 1.25 -7.57	21.55 1.43 -7.95	24.70 1.52 -11.74	30.52 1.83 -14.54	36.40 2.85 -12.25	37.84 2.93 -13.52	31.02 2.90 -6.81	26.60 2.49 -4.80	21.51 2.55 -0.51	19.22 2.34 -0.02

SOUTHDOW_115KV_TB1 355954	16.41 -0.03 0.00	15.10 -0.05 0.00	14.00 -0.20 0.00	13.93 -0.10 0.00	14.19 -0.10 0.00	14.63 -0.15 0.00	15.61 -0.91 -0.32	16.17 -0.96 -0.24	14.07 -0.71 -0.54	14.06 -0.72 -0.62	13.99 -0.79 -0.36	13.98 -0.75 -0.07	12.26 -0.45 -0.47	10.92 -0.41 -0.64	11.55 -0.37 -0.44	12.13 -0.39 -0.36	12.72 -0.40 -1.68	16.17 -0.52 -2.55	22.42 -1.02 -2.15	22.35 -0.68 -1.65	21.76 -0.75 -1.19	19.28 -0.62 -0.59	18.12 -0.42 -0.09	17.35 0.49 0.00
SOUTHOLD_69_KV_BK 2 55809	18.58 2.14 0.00	16.98 1.83 0.00	15.76 1.56 0.00	15.49 1.46 0.00	15.90 1.61 0.00	16.57 1.79 0.00	20.10 2.07 -1.83	21.68 2.25 -2.54	21.95 1.81 -5.89	21.26 1.83 -5.29	21.66 1.86 -5.38	20.50 1.69 -4.16	19.99 1.41 -6.34	19.91 1.30 -7.92	20.47 1.42 -7.57	21.76 1.64 -7.95	24.90 1.73 -11.74	30.80 2.11 -14.54	36.80 3.26 -12.25	38.27 3.36 -13.52	31.43 3.30 -6.81	26.95 2.84 -4.80	21.84 2.88 -0.51	19.52 2.65 -0.02
SOUTHOLD___IC 23719	18.58 2.14 0.00	16.95 1.80 0.00	15.75 1.55 0.00	15.49 1.46 0.00	15.76 1.47 0.00	16.57 1.79 0.00	20.12 2.09 -1.83	21.68 2.25 -2.54	21.95 1.81 -5.89	21.27 1.83 -5.29	21.66 1.86 -5.38	20.50 1.68 -4.16	19.99 1.41 -6.34	19.91 1.30 -7.92	20.47 1.42 -7.57	21.76 1.64 -7.95	24.90 1.73 -11.74	30.77 2.08 -14.54	36.80 3.26 -12.25	38.24 3.33 -13.52	31.43 3.30 -6.81	26.95 2.84 -4.80	21.84 2.88 -0.51	19.52 2.65 -0.02
SPIERFLS_115KV_TB 1 80737	17.58 1.13 0.00	16.18 1.03 0.00	15.14 0.94 0.00	14.93 0.90 0.00	15.20 0.91 0.00	15.78 1.00 0.00	19.72 1.10 -2.42	20.21 1.00 -2.32	20.38 0.85 -5.27	20.54 0.93 -5.45	19.51 0.92 -4.16	17.78 0.94 -2.19	18.17 0.78 -5.15	18.03 0.65 -6.69	17.62 0.61 -5.54	18.12 0.67 -5.29	25.30 0.67 -13.19	34.20 0.85 -19.20	39.09 1.64 -16.15	37.26 1.65 -14.23	31.95 1.68 -8.94	25.11 1.39 -4.41	20.40 1.29 -0.65	18.01 1.15 0.00
ST LAWRENCE____ 23600	16.05 -0.39 0.00	14.78 -0.36 0.00	13.96 -0.24 0.00	13.74 -0.30 0.00	13.97 -0.31 0.00	14.44 -0.34 0.00	15.79 -0.40 0.00	16.46 -0.44 0.00	13.88 -0.37 0.00	13.79 -0.37 0.00	14.08 -0.35 0.00	14.30 -0.35 0.00	11.95 -0.29 0.00	10.42 -0.27 0.00	11.18 -0.30 0.00	11.85 -0.32 0.00	11.14 -0.30 0.00	13.75 -0.40 0.00	20.72 -0.57 0.00	20.72 -0.66 0.00	20.72 -0.60 0.00	18.79 -0.52 0.00	17.94 -0.52 0.00	16.37 -0.49 0.00
STATE_CA_115KV_115_LB 55624	16.89 0.44 0.00	15.60 0.45 0.00	14.60 0.40 0.00	14.40 0.36 0.00	14.66 0.37 0.00	15.19 0.41 0.00	18.99 0.42 -2.38	19.64 0.44 -2.30	19.84 0.36 -5.24	19.88 0.34 -5.39	18.96 0.38 -4.16	17.28 0.40 -2.23	17.70 0.33 -5.13	17.64 0.29 -6.66	17.34 0.32 -5.55	17.83 0.34 -5.32	24.69 0.29 -12.97	33.35 0.37 -18.84	37.72 0.58 -15.85	36.02 0.58 -14.05	30.67 0.58 -8.77	24.11 0.48 -4.32	19.55 0.46 -0.63	17.28 0.42 0.00
STATE_ST_34_KV_LOAD 55959	16.61 0.16 0.00	15.31 0.17 0.00	14.26 0.06 0.00	14.14 0.11 0.00	14.45 0.16 0.00	14.94 0.16 0.00	16.61 0.18 -0.23	17.30 0.24 -0.17	14.83 0.20 -0.39	14.81 0.21 -0.45	14.88 0.20 -0.26	14.91 0.21 -0.05	12.78 0.20 -0.34	11.32 0.17 -0.46	11.99 0.20 -0.32	12.64 0.22 -0.26	12.84 0.19 -1.21	16.28 0.30 -1.83	23.31 0.47 -1.54	23.13 0.56 -1.19	22.62 0.45 -0.85	20.10 0.37 -0.42	18.83 0.31 -0.06	17.20 0.34 0.00
STATION 5_MISC_HYD 23604	16.23 -0.21 0.00	14.99 -0.15 0.00	13.93 -0.27 0.00	13.81 -0.23 0.00	14.07 -0.21 0.00	14.54 -0.24 0.00	16.20 -0.21 -0.21	16.85 -0.20 -0.16	14.46 -0.14 -0.36	14.44 -0.13 -0.41	14.55 -0.12 -0.24	14.61 -0.09 -0.05	12.53 -0.02 -0.31	11.10 -0.01 -0.43	11.77 0.00 -0.29	12.41 0.01 -0.24	12.58 0.02 -1.12	15.83 -0.01 -1.69	22.70 -0.02 -1.42	22.59 0.11 -1.10	22.02 -0.08 -0.79	19.64 -0.06 -0.39	18.51 0.00 -0.06	16.86 0.00 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	16.41 -0.03 0.00	15.13 -0.02 0.00	14.05 -0.16 0.00	13.95 -0.08 0.00	14.23 -0.06 0.00	14.71 -0.07 0.00	16.36 -0.05 -0.22	17.02 -0.03 -0.16	14.59 -0.01 -0.36	14.57 0.00 -0.42	14.68 0.01 -0.24	14.72 0.01 -0.05	12.61 0.05 -0.32	11.16 0.04 -0.43	11.83 0.06 -0.30	12.49 0.09 -0.24	12.65 0.08 -1.13	15.96 0.10 -1.71	22.95 0.21 -1.44	22.82 0.32 -1.11	22.25 0.13 -0.80	19.82 0.12 -0.39	18.63 0.11 -0.06	16.99 0.13 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	16.15 -0.30 0.00	14.89 -0.26 0.00	13.83 -0.37 0.00	13.74 -0.29 0.00	14.00 -0.29 0.00	14.47 -0.31 0.00	16.13 -0.28 -0.21	16.78 -0.27 -0.16	14.40 -0.20 -0.35	14.37 -0.20 -0.41	14.49 -0.17 -0.24	14.54 -0.16 -0.05	12.47 -0.09 -0.31	11.03 -0.07 -0.42	11.71 -0.06 -0.29	12.35 -0.05 -0.24	12.50 -0.05 -1.11	15.74 -0.08 -1.68	22.61 -0.11 -1.41	22.50 0.02 -1.09	21.93 -0.17 -0.78	19.56 -0.14 -0.39	18.40 -0.11 -0.06	16.76 -0.10 0.00
STA_56___34_KV_BUS2 355983	16.15 -0.30 0.00	14.89 -0.26 0.00	13.83 -0.37 0.00	13.74 -0.29 0.00	14.00 -0.29 0.00	14.47 -0.31 0.00	16.13 -0.28 -0.21	16.78 -0.27 -0.16	14.40 -0.20 -0.35	14.37 -0.20 -0.41	14.49 -0.17 -0.24	14.54 -0.16 -0.05	12.47 -0.09 -0.31	11.03 -0.07 -0.42	11.71 -0.06 -0.29	12.35 -0.05 -0.24	12.50 -0.05 -1.11	15.74 -0.08 -1.68	22.61 -0.11 -1.41	22.50 0.02 -1.09	21.93 -0.17 -0.78	19.56 -0.14 -0.39	18.40 -0.11 -0.06	16.76 -0.10 0.00
STA_67___115KV_BK2 355882	16.20 -0.25 0.00	14.93 -0.21 0.00	13.87 -0.33 0.00	13.79 -0.24 0.00	14.06 -0.23 0.00	14.51 -0.27 0.00	16.18 -0.23 -0.21	16.83 -0.22 -0.16	14.45 -0.16 -0.36	14.43 -0.14 -0.41	14.52 -0.14 -0.24	14.58 -0.12 -0.05	12.52 -0.04 -0.31	11.08 -0.03 -0.42	11.75 -0.02 -0.29	12.40 0.00 -0.24	12.55 0.00 -1.12	15.80 -0.04 -1.69	22.66 -0.06 -1.42	22.54 0.06 -1.10	21.98 -0.13 -0.79	19.60 -0.10 -0.39	18.48 -0.04 -0.06	16.83 -0.03 0.00
STA_7___115KV_9TRANS 80674	16.30 -0.15 0.00	15.02 -0.12 0.00	13.95 -0.26 0.00	13.86 -0.17 0.00	14.12 -0.17 0.00	14.59 -0.19 0.00	16.26 -0.15 -0.21	16.90 -0.15 -0.16	14.50 -0.10 -0.36	14.48 -0.08 -0.41	14.60 -0.06 -0.24	14.66 -0.04 -0.05	12.58 0.02 -0.31	11.13 0.02 -0.43	11.81 0.05 -0.29	12.46 0.06 -0.24	12.62 0.07 -1.12	15.88 0.04 -1.69	22.83 0.11 -1.42	22.72 0.24 -1.10	22.13 0.02 -0.79	19.73 0.04 -0.39	18.59 0.07 -0.06	16.93 0.07 0.00
STA_82___115KV_TB1 80780	16.21 -0.23 0.00	14.95 -0.20 0.00	13.87 -0.33 0.00	13.79 -0.24 0.00	14.06 -0.23 0.00	14.53 -0.25 0.00	16.20 -0.21 -0.21	16.84 -0.22 -0.16	14.45 -0.16 -0.36	14.43 -0.14 -0.42	14.53 -0.13 -0.24	14.59 -0.12 -0.05	12.52 -0.04 -0.32	11.08 -0.03 -0.43	11.76 -0.01 -0.30	12.40 0.00 -0.24	12.56 0.00 -1.12	15.81 -0.04 -1.70	22.69 -0.04 -1.43	22.55 0.06 -1.10	22.01 -0.11 -0.79	19.62 -0.08 -0.39	18.48 -0.04 -0.06	16.83 -0.03 0.00
STEEL___WIND 323596	16.17 -0.28 0.00	14.95 -0.20 0.00	13.86 -0.34 0.00	13.78 -0.25 0.00	14.03 -0.26 0.00	14.48 -0.30 0.00	15.65 -0.84 -0.30	16.24 -0.88 -0.22	14.09 -0.66 -0.50	14.08 -0.65 -0.58	14.05 -0.71 -0.33	14.05 -0.67 -0.07	12.29 -0.39 -0.44	10.94 -0.34 -0.60	11.58 -0.31 -0.41	12.17 -0.33 -0.33	12.67 -0.33 -1.57	16.00 -0.52 -2.38	22.21 -1.09 -2.00	22.07 -0.86 -1.54	21.45 -0.98 -1.11	19.04 -0.81 -0.55	17.97 -0.57 -0.08	16.96 0.10 0.00

STEPHTWN_115KV_BK_2 55603	16.97 0.53 0.00	15.68 0.53 0.00	14.66 0.45 0.00	14.45 0.42 0.00	14.73 0.44 0.00	15.27 0.49 0.00	19.07 0.52 -2.36	19.75 0.56 -2.29	19.91 0.44 -5.22	19.96 0.44 -5.36	19.04 0.46 -4.15	17.37 0.47 -2.25	17.76 0.39 -5.13	17.67 0.33 -6.65	17.39 0.37 -5.55	17.89 0.39 -5.33	24.66 0.35 -12.87	33.29 0.45 -18.68	37.74 0.72 -15.72	36.11 0.75 -13.98	30.72 0.70 -8.70	24.19 0.60 -4.29	19.64 0.55 -0.63	17.36 0.51 0.00
STEUBEN_REC_LFGE 323667	16.53 0.08 0.00	15.21 0.06 0.00	14.09 -0.11 0.00	14.02 -0.01 0.00	14.33 0.04 0.00	14.78 0.00 0.00	16.21 -0.37 -0.39	16.83 -0.35 -0.29	14.62 -0.28 -0.65	14.62 -0.30 -0.76	14.51 -0.35 -0.44	14.38 -0.37 -0.09	12.62 -0.20 -0.57	11.28 -0.18 -0.78	11.85 -0.16 -0.54	12.44 -0.16 -0.44	13.33 -0.16 -2.05	17.07 -0.18 -3.10	23.59 -0.32 -2.61	23.33 -0.06 -2.01	22.57 -0.19 -1.44	19.87 -0.15 -0.71	18.51 -0.06 -0.10	17.31 0.46 0.00
STONY__BROOK 24151	18.06 1.61 0.00	16.48 1.33 0.00	15.32 1.12 0.00	15.07 1.04 0.00	15.33 1.04 0.00	16.06 1.29 0.00	19.59 1.56 -1.83	21.11 1.67 -2.54	21.49 1.35 -5.89	20.78 1.35 -5.29	21.20 1.40 -5.38	20.09 1.27 -4.16	19.65 1.06 -6.34	19.60 0.99 -7.92	20.15 1.10 -7.57	21.38 1.26 -7.95	24.50 1.33 -11.74	30.25 1.56 -14.54	35.93 2.38 -12.25	37.35 2.44 -13.53	30.56 2.43 -6.81	26.27 2.16 -4.80	21.16 2.20 -0.51	18.88 2.01 -0.02
STURGEON_POOL_HYD 23609	17.35 0.90 0.00	15.95 0.80 0.00	14.87 0.67 0.00	14.68 0.65 0.00	14.95 0.66 0.00	15.46 0.68 0.00	18.96 0.84 -1.92	20.01 0.93 -2.18	20.05 0.78 -5.02	19.73 0.75 -4.83	19.45 0.75 -4.28	18.25 0.76 -2.84	18.04 0.65 -5.15	17.81 0.57 -6.56	17.97 0.62 -5.88	18.74 0.64 -5.93	22.81 0.58 -10.79	30.10 0.75 -15.20	35.17 1.09 -12.79	35.06 1.20 -12.48	29.49 1.09 -7.08	23.80 1.00 -3.49	19.97 1.00 -0.51	17.74 0.88 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	17.33 0.89 0.00	15.93 0.79 0.00	14.87 0.67 0.00	14.68 0.65 0.00	14.95 0.66 0.00	15.47 0.69 0.00	18.61 0.84 -1.57	20.40 0.93 -2.57	21.03 0.77 -6.01	20.03 0.76 -5.11	20.93 0.76 -5.74	20.27 0.78 -4.84	19.57 0.66 -6.67	19.51 0.59 -8.24	20.31 0.63 -8.20	21.65 0.67 -8.82	21.66 0.62 -9.61	27.37 0.78 -12.44	32.92 1.15 -10.47	35.58 1.24 -12.96	28.24 1.13 -5.80	23.21 1.04 -2.86	19.89 1.02 -0.42	17.75 0.89 0.00
SWANROAD_115KV_TB1 355699	15.64 -0.81 0.00	14.45 -0.70 0.00	13.41 -0.80 0.00	13.42 -0.62 0.00	13.64 -0.64 0.00	14.08 -0.69 0.00	15.44 -1.04 -0.28	16.00 -1.10 -0.21	13.85 -0.85 -0.46	13.86 -0.84 -0.54	13.85 -0.88 -0.31	13.87 -0.85 -0.06	12.12 -0.53 -0.41	10.78 -0.46 -0.55	11.41 -0.45 -0.38	12.00 -0.47 -0.31	12.43 -0.46 -1.45	15.62 -0.72 -2.20	21.74 -1.41 -1.85	21.63 -1.18 -1.42	21.02 -1.32 -1.02	18.69 -1.12 -0.50	17.66 -0.87 -0.07	16.37 -0.49 0.00
SYNERGY__BIOGAS 323694	16.23 -0.21 0.00	15.01 -0.14 0.00	13.93 -0.27 0.00	13.84 -0.20 0.00	14.10 -0.19 0.00	14.54 -0.24 0.00	16.01 -0.44 -0.25	16.64 -0.44 -0.19	14.35 -0.31 -0.42	14.33 -0.31 -0.49	14.39 -0.32 -0.28	14.42 -0.29 -0.06	12.50 -0.11 -0.37	11.09 -0.10 -0.50	11.75 -0.07 -0.35	12.38 -0.06 -0.28	12.71 -0.05 -1.32	16.01 -0.14 -2.01	22.69 -0.30 -1.69	22.58 -0.11 -1.30	21.89 -0.36 -0.93	19.50 -0.27 -0.46	18.40 -0.13 -0.07	16.98 0.12 0.00
SYRACUSE__ENERGY_ST1 323597	16.58 0.13 0.00	15.28 0.14 0.00	14.24 0.04 0.00	14.10 0.07 0.00	14.40 0.11 0.00	14.90 0.12 0.00	16.51 0.13 -0.18	17.20 0.17 -0.14	14.70 0.14 -0.31	14.67 0.16 -0.36	14.79 0.16 -0.21	14.86 0.16 -0.04	12.66 0.15 -0.27	11.18 0.13 -0.37	11.88 0.15 -0.25	12.53 0.16 -0.21	12.54 0.14 -0.96	15.80 0.20 -1.46	22.84 0.32 -1.23	22.71 0.38 -0.95	22.32 0.32 -0.68	19.91 0.27 -0.33	18.75 0.24 -0.05	17.10 0.24 0.00
SYRACUSE__ENERGY_ST2 323598	16.58 0.13 0.00	15.28 0.14 0.00	14.24 0.04 0.00	14.10 0.07 0.00	14.40 0.11 0.00	14.90 0.12 0.00	16.51 0.13 -0.18	17.20 0.17 -0.14	14.70 0.14 -0.31	14.67 0.16 -0.36	14.79 0.16 -0.21	14.86 0.16 -0.04	12.66 0.15 -0.27	11.18 0.13 -0.37	11.88 0.15 -0.25	12.53 0.16 -0.21	12.54 0.14 -0.96	15.80 0.20 -1.46	22.84 0.32 -1.23	22.71 0.38 -0.95	22.32 0.32 -0.68	19.91 0.27 -0.33	18.75 0.24 -0.05	17.10 0.24 0.00
SYRACUSE__POWER 24017	16.48 0.03 0.00	15.19 0.05 0.00	14.16 -0.04 0.00	14.03 0.00 0.00	14.32 0.03 0.00	14.81 0.03 0.00	16.42 0.03 -0.19	17.11 0.07 -0.14	14.63 0.06 -0.32	14.60 0.07 -0.37	14.71 0.07 -0.22	14.77 0.07 -0.04	12.60 0.07 -0.28	11.13 0.06 -0.38	11.82 0.08 -0.27	12.46 0.09 -0.22	12.52 0.07 -1.01	15.78 0.10 -1.53	22.76 0.17 -1.29	22.61 0.24 -0.99	22.20 0.17 -0.71	19.79 0.14 -0.35	18.62 0.11 -0.05	16.99 0.13 0.00
TALLMAN_138KV_BK151 55660	17.43 0.99 0.00	16.02 0.88 0.00	14.95 0.75 0.00	14.75 0.72 0.00	15.02 0.73 0.00	15.56 0.78 0.00	18.81 0.96 -1.66	20.78 1.05 -2.83	21.76 0.88 -6.63	20.58 0.86 -5.57	21.69 0.88 -6.39	21.03 0.89 -5.48	20.41 0.76 -7.41	20.47 0.66 -9.12	21.35 0.71 -9.16	22.81 0.75 -9.90	22.40 0.71 -10.25	28.17 0.89 -13.13	33.62 1.28 -11.04	36.86 1.39 -14.08	28.71 1.28 -6.11	23.50 1.18 -3.01	20.04 1.14 -0.44	17.85 0.99 0.00
TEALLAVE_115KV_TB7 355573	16.43 -0.02 0.00	15.15 0.00 0.00	14.12 -0.09 0.00	13.99 -0.04 0.00	14.27 -0.01 0.00	14.76 -0.01 0.00	16.34 -0.02 -0.16	17.03 0.02 -0.12	14.53 0.01 -0.27	14.50 0.03 -0.32	14.63 0.03 -0.18	14.72 0.03 -0.04	12.50 0.02 -0.24	11.04 0.03 -0.32	11.74 0.05 -0.22	12.38 0.04 -0.18	12.32 0.03 -0.85	15.50 0.06 -1.29	22.47 0.09 -1.09	22.37 0.15 -0.84	22.01 0.09 -0.60	19.66 0.06 -0.30	18.56 0.06 -0.04	16.93 0.07 0.00
TELGRAPH_34_KV_EAST 80808	16.00 -0.44 0.00	14.78 -0.36 0.00	13.69 -0.51 0.00	13.67 -0.36 0.00	13.92 -0.37 0.00	14.37 -0.41 0.00	15.79 -0.66 -0.26	16.38 -0.71 -0.19	14.16 -0.53 -0.43	14.15 -0.51 -0.51	14.18 -0.53 -0.29	14.20 -0.51 -0.06	12.35 -0.27 -0.38	10.97 -0.24 -0.52	11.63 -0.21 -0.36	12.25 -0.21 -0.29	12.60 -0.21 -1.37	15.84 -0.38 -2.08	22.28 -0.77 -1.75	22.18 -0.56 -1.35	21.54 -0.75 -0.97	19.19 -0.60 -0.48	18.10 -0.42 -0.07	16.76 -0.10 0.00
TEMPLE__115KV_TB 2 55572	16.44 0.00 0.00	15.15 0.00 0.00	14.13 -0.07 0.00	13.99 -0.04 0.00	14.27 -0.01 0.00	14.76 -0.01 0.00	16.36 0.00 -0.16	17.04 0.02 -0.12	14.54 0.01 -0.27	14.50 0.03 -0.32	14.64 0.03 -0.18	14.72 0.03 -0.04	12.52 0.04 -0.24	11.05 0.03 -0.33	11.75 0.05 -0.23	12.40 0.05 -0.18	12.33 0.03 -0.86	15.51 0.06 -1.31	22.48 0.09 -1.10	22.40 0.17 -0.85	22.01 0.09 -0.61	19.69 0.08 -0.30	18.56 0.06 -0.04	16.93 0.07 0.00
TIANA__69_KV_BK 1 55817	18.27 1.83 0.00	16.69 1.54 0.00	15.51 1.31 0.00	15.24 1.21 0.00	15.63 1.34 0.00	16.29 1.51 0.00	19.80 1.77 -1.83	21.35 1.91 -2.54	21.67 1.52 -5.89	20.97 1.53 -5.29	21.37 1.57 -5.38	20.24 1.42 -4.16	19.76 1.18 -6.34	19.70 1.09 -7.92	20.25 1.20 -7.57	21.50 1.39 -7.95	24.65 1.48 -11.74	30.48 1.78 -14.54	36.29 2.75 -12.25	37.73 2.82 -13.52	30.92 2.79 -6.81	26.54 2.43 -4.80	21.44 2.47 -0.51	19.15 2.28 -0.02

TILDEN___115KV_TB1 80814	16.48 0.03 0.00	15.19 0.05 0.00	14.16 -0.04 0.00	14.03 0.00 0.00	14.32 0.03 0.00	14.81 0.03 0.00	16.42 0.03 -0.19	17.11 0.07 -0.14	14.63 0.06 -0.32	14.60 0.07 -0.37	14.71 0.07 -0.22	14.77 0.07 -0.04	12.60 0.07 -0.28	11.13 0.06 -0.38	11.82 0.08 -0.27	12.46 0.09 -0.22	12.52 0.07 -1.01	15.78 0.10 -1.53	22.76 0.17 -1.29	22.61 0.24 -0.99	22.20 0.17 -0.71	19.79 0.14 -0.35	18.62 0.11 -0.05	16.99 0.13 0.00
TRIGEN___CC 323695	17.63 1.18 0.00	16.14 1.00 0.00	15.04 0.84 0.00	14.80 0.77 0.00	15.12 0.83 0.00	15.71 0.93 0.00	19.18 1.15 -1.83	20.70 1.27 -2.54	21.17 1.03 -5.89	20.47 1.03 -5.29	20.88 1.08 -5.38	19.82 1.01 -4.16	19.44 0.86 -6.34	19.40 0.79 -7.92	19.92 0.87 -7.57	21.07 0.96 -7.95	24.13 0.95 -11.74	29.81 1.12 -14.54	35.17 1.64 -12.23	36.63 1.73 -13.51	29.77 1.66 -6.79	25.66 1.54 -4.80	20.53 1.57 -0.51	18.27 1.40 -0.02
TRINITY__115KV__4 BK 55933	16.84 0.39 0.00	15.55 0.41 0.00	14.56 0.36 0.00	14.37 0.34 0.00	14.63 0.34 0.00	15.15 0.37 0.00	18.93 0.37 -2.36	19.58 0.39 -2.30	19.79 0.31 -5.23	19.83 0.31 -5.37	18.91 0.33 -4.15	17.26 0.37 -2.24	17.67 0.31 -5.13	17.59 0.26 -6.65	17.31 0.29 -5.55	17.80 0.30 -5.33	24.59 0.26 -12.89	33.19 0.33 -18.72	37.56 0.51 -15.75	35.89 0.51 -13.99	30.53 0.49 -8.72	24.03 0.42 -4.30	19.49 0.41 -0.63	17.25 0.39 0.00
UNION___PROCESSING_DRP 323587	16.21 -0.23 0.00	14.95 -0.20 0.00	13.89 -0.31 0.00	13.81 -0.22 0.00	14.06 -0.23 0.00	14.53 -0.25 0.00	16.20 -0.21 -0.22	16.85 -0.20 -0.16	14.46 -0.14 -0.36	14.43 -0.14 -0.42	14.53 -0.13 -0.24	14.60 -0.10 -0.05	12.53 -0.02 -0.32	11.09 -0.02 -0.43	11.76 -0.01 -0.30	12.40 0.00 -0.24	12.58 0.01 -1.13	15.83 -0.03 -1.71	22.69 -0.04 -1.44	22.58 0.09 -1.11	22.01 -0.11 -0.79	19.62 -0.08 -0.39	18.50 -0.02 -0.06	16.84 -0.02 0.00
UPPER HUDSON___HYD 24058	17.58 1.13 0.00	16.16 1.01 0.00	15.12 0.92 0.00	14.93 0.90 0.00	15.20 0.92 0.00	15.78 1.01 0.00	19.72 1.10 -2.42	20.21 1.00 -2.32	20.38 0.85 -5.27	20.54 0.93 -5.45	19.51 0.92 -4.16	17.78 0.94 -2.19	18.17 0.78 -5.15	18.03 0.65 -6.69	17.62 0.61 -5.54	18.12 0.67 -5.29	25.30 0.67 -13.19	34.20 0.85 -19.20	39.09 1.64 -16.15	37.26 1.65 -14.23	31.95 1.68 -8.94	25.11 1.39 -4.41	20.41 1.31 -0.65	18.01 1.15 0.00
UPPER RAQUET___HYD 24056	16.25 -0.20 0.00	14.98 -0.17 0.00	14.10 -0.10 0.00	13.86 -0.17 0.00	14.07 -0.21 0.00	14.54 -0.24 0.00	15.86 -0.34 0.00	19.11 -0.41 -2.62	16.15 -0.33 -2.23	16.05 -0.32 -2.22	16.97 -0.30 -2.85	17.69 -0.31 -3.34	14.96 -0.26 -2.98	13.19 -0.24 -2.74	14.05 -0.29 -2.86	14.82 -0.30 -2.96	12.94 -0.31 -1.81	15.89 -0.47 -2.21	23.97 -0.62 -3.29	23.97 -0.71 -3.29	23.94 -0.66 -3.29	21.76 -0.54 -2.99	20.83 -0.48 -2.86	19.01 -0.45 -2.61
VALLEY44_115KV_TB2 355964	16.48 0.03 0.00	15.16 0.02 0.00	14.07 -0.13 0.00	14.03 0.00 0.00	14.30 0.01 0.00	14.76 -0.01 0.00	15.39 -1.13 -0.33	15.94 -1.20 -0.24	13.87 -0.93 -0.55	13.87 -0.92 -0.64	13.81 -0.98 -0.37	13.76 -0.97 -0.07	12.06 -0.66 -0.48	10.75 -0.59 -0.65	11.35 -0.57 -0.45	11.92 -0.61 -0.37	12.56 -0.59 -1.72	15.96 -0.79 -2.60	22.06 -1.43 -2.19	21.87 -1.20 -1.68	21.25 -1.28 -1.21	18.77 -1.14 -0.60	17.62 -0.92 -0.09	17.28 0.42 0.00
VALLEY___115KV_TB 1-4 80826	16.36 -0.08 0.00	15.05 -0.09 0.00	14.07 -0.13 0.00	13.89 -0.14 0.00	14.13 -0.16 0.00	14.62 -0.16 0.00	16.02 -0.18 0.00	16.71 -0.19 0.00	14.06 -0.19 0.00	13.94 -0.21 0.00	14.18 -0.25 0.00	14.40 -0.25 0.00	12.03 -0.21 0.00	10.53 -0.16 0.00	11.29 -0.18 0.00	11.97 -0.19 0.00	11.29 -0.15 0.00	14.01 -0.14 0.00	21.13 -0.17 0.00	21.23 -0.15 0.00	21.19 -0.13 0.00	19.17 -0.14 0.00	18.31 -0.15 0.00	16.74 -0.12 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	17.32 0.87 0.00	15.98 0.83 0.00	14.88 0.68 0.00	14.75 0.72 0.00	15.02 0.73 0.00	15.55 0.77 0.00	17.89 0.83 -0.87	18.44 0.90 -0.65	16.44 0.74 -1.45	16.58 0.74 -1.69	16.13 0.74 -0.97	15.57 0.72 -0.20	14.14 0.62 -1.28	13.00 0.58 -1.73	13.26 0.59 -1.20	13.73 0.60 -0.97	16.56 0.57 -4.55	21.82 0.78 -6.90	28.25 1.15 -5.80	27.09 1.24 -4.47	25.77 1.24 -3.21	21.93 1.04 -1.58	19.65 0.96 -0.23	17.82 0.96 0.00
VISCHER___FERRY HYD 24020	17.15 0.71 0.00	15.80 0.65 0.00	14.78 0.58 0.00	14.58 0.55 0.00	14.84 0.56 0.00	15.39 0.61 0.00	19.23 0.65 -2.39	19.89 0.68 -2.31	20.10 0.58 -5.27	20.17 0.59 -5.42	19.20 0.59 -4.18	17.50 0.60 -2.25	17.91 0.50 -5.16	17.83 0.44 -6.70	17.53 0.47 -5.58	18.02 0.50 -5.36	24.96 0.49 -13.03	33.68 0.61 -18.93	38.16 0.94 -15.92	36.45 0.94 -14.13	31.07 0.94 -8.81	24.48 0.83 -4.34	19.89 0.79 -0.64	17.55 0.69 0.00
V_A_10_SYNC_DSASP 323832	15.75 -0.69 0.00	14.59 -0.56 0.00	13.53 -0.67 0.00	13.47 -0.56 0.00	13.72 -0.57 0.00	14.16 -0.62 0.00	15.81 -0.65 -0.26	16.43 -0.66 -0.19	14.18 -0.50 -0.43	14.17 -0.48 -0.50	14.21 -0.51 -0.29	14.23 -0.48 -0.06	12.36 -0.26 -0.38	10.97 -0.22 -0.51	11.63 -0.20 -0.35	12.24 -0.21 -0.29	12.58 -0.21 -1.35	15.81 -0.38 -2.04	22.20 -0.81 -1.71	22.06 -0.64 -1.32	21.48 -0.79 -0.95	19.14 -0.64 -0.47	18.10 -0.42 -0.07	16.49 -0.37 0.00
V_CMM_10_SYNC_DSASP 323787	16.13 -0.31 0.00	14.86 -0.29 0.00	14.02 -0.19 0.00	13.79 -0.24 0.00	14.02 -0.27 0.00	14.48 -0.30 0.00	15.84 -0.36 0.00	16.49 -0.41 0.00	13.93 -0.31 0.00	13.84 -0.31 0.00	14.12 -0.30 0.00	14.36 -0.29 0.00	12.00 -0.24 0.00	10.46 -0.22 0.00	11.22 -0.25 0.00	11.90 -0.27 0.00	11.19 -0.25 0.00	13.79 -0.35 0.00	20.81 -0.49 0.00	20.81 -0.58 0.00	20.81 -0.51 0.00	18.86 -0.44 0.00	18.01 -0.44 0.00	16.44 -0.42 0.00
V_CMP_10_SYNC_DSASP 323788	16.25 -0.20 0.00	15.02 -0.12 0.00	14.15 -0.06 0.00	13.79 -0.24 0.00	13.90 -0.39 0.00	14.22 -0.56 0.00	15.37 -0.83 0.00	-0.57 -1.00 16.46	-0.56 -0.81 14.00	-0.57 -0.78 13.95	-4.21 -0.75 17.88	-7.07 -0.75 20.97	-7.07 -0.62 18.68	-7.07 -0.56 17.20	-7.07 -0.62 17.92	-7.07 -0.66 18.57	-0.55 -0.62 11.37	-0.56 -0.83 13.87	-0.52 -1.15 20.67	-0.55 -1.28 20.65	-0.57 -1.28 20.61	-0.60 -1.14 18.76	-0.57 -1.11 17.92	-0.58 -1.06 16.38
V_E_10_SYNC_DSASP 323830	17.48 1.04 0.00	16.16 1.01 0.00	14.98 0.78 0.00	14.86 0.83 0.00	15.17 0.89 0.00	15.68 0.90 0.00	17.68 0.91 -0.58	18.36 1.03 -0.43	16.02 0.80 -0.97	16.03 0.75 -1.13	15.77 0.69 -0.65	15.43 0.64 -0.13	13.69 0.60 -0.85	12.43 0.59 -1.16	12.85 0.57 -0.80	13.41 0.60 -0.65	15.09 0.61 -3.05	19.73 0.96 -4.62	26.74 1.55 -3.88	26.09 1.71 -2.99	25.15 1.68 -2.15	21.74 1.37 -1.06	19.81 1.20 -0.16	18.17 1.32 0.00
V_F_30_NSYNC___DSASP 323816	17.41 0.97 0.00	16.01 0.86 0.00	14.98 0.78 0.00	14.79 0.76 0.00	15.06 0.77 0.00	15.62 0.84 0.00	19.54 0.92 -2.42	20.13 0.91 -2.32	20.29 0.77 -5.27	20.38 0.78 -5.45	19.36 0.78 -4.16	17.64 0.79 -2.20	18.05 0.66 -5.15	17.95 0.57 -6.69	17.60 0.58 -5.54	18.09 0.63 -5.30	25.23 0.63 -13.17	34.11 0.79 -19.17	38.76 1.34 -16.12	36.97 1.37 -14.22	31.59 1.34 -8.93	24.85 1.14 -4.40	20.19 1.09 -0.65	17.82 0.96 0.00

V_F_30_SYNC_DSASP 323786	16.89 0.44 0.00	15.58 0.44 0.00	14.60 0.40 0.00	14.40 0.36 0.00	14.66 0.37 0.00	15.19 0.41 0.00	18.99 0.42 -2.37	19.64 0.44 -2.30	19.84 0.36 -5.24	19.88 0.34 -5.39	18.95 0.38 -4.16	17.28 0.40 -2.23	17.70 0.33 -5.13	17.64 0.29 -6.66	17.34 0.32 -5.55	17.83 0.34 -5.32	24.68 0.29 -12.96	33.34 0.37 -18.83	37.71 0.58 -15.84	36.01 0.58 -14.05	30.66 0.58 -8.77	24.11 0.48 -4.32	19.55 0.46 -0.63	17.28 0.42 0.00
V_XM_10_SYNC_DSASP 323789	16.25 -0.20 0.00	15.02 -0.12 0.00	14.15 -0.06 0.00	13.79 -0.24 0.00	13.90 -0.39 0.00	14.22 -0.56 0.00	15.37 -0.83 0.00	-0.57 -1.00 16.46	-0.56 -0.81 14.00	-0.57 -0.78 13.95	-4.21 -0.75 17.88	-7.07 -0.75 20.97	-7.07 -0.62 18.68	-7.07 -0.56 17.20	-7.07 -0.62 17.92	-7.07 -0.66 18.57	-0.55 -0.62 11.37	-0.56 -0.83 13.87	-0.52 -1.15 20.67	-0.55 -1.28 20.65	-0.57 -1.28 20.61	-0.60 -1.14 18.76	-0.57 -1.11 17.92	-0.58 -1.06 16.38
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	17.46 1.02 0.00	16.05 0.91 0.00	14.98 0.78 0.00	14.78 0.74 0.00	15.05 0.76 0.00	15.58 0.80 0.00	18.86 0.99 -1.68	20.72 1.08 -2.74	21.55 0.91 -6.39	20.49 0.89 -5.44	21.43 0.91 -6.09	20.70 0.92 -5.13	20.11 0.78 -7.09	20.13 0.68 -8.76	20.91 0.73 -8.71	22.31 0.79 -9.36	22.43 0.73 -10.26	28.37 0.92 -13.30	33.83 1.34 -11.19	36.64 1.45 -13.81	28.84 1.32 -6.20	23.58 1.22 -3.05	20.09 1.18 -0.45	17.90 1.05 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	17.55 1.10 0.00	16.13 0.98 0.00	15.07 0.87 0.00	14.86 0.83 0.00	15.10 0.81 0.00	15.67 0.89 0.00	19.13 1.10 -1.83	20.65 1.22 -2.54	21.15 1.01 -5.89	20.44 1.00 -5.29	20.82 1.01 -5.38	19.85 1.03 -4.17	19.47 0.88 -6.34	19.40 0.78 -7.93	19.88 0.83 -7.57	20.99 0.86 -7.96	23.02 0.82 -10.76	29.67 0.99 -14.54	34.91 1.38 -12.23	36.40 1.50 -13.52	29.45 1.36 -6.77	23.96 1.31 -3.34	20.24 1.29 -0.49	17.97 1.11 0.00
W50THST__13_KV_LOAD 356117	17.60 1.15 0.00	16.18 1.03 0.00	15.11 0.91 0.00	14.90 0.87 0.00	15.15 0.86 0.00	15.70 0.92 0.00	19.18 1.15 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.49 1.05 -5.29	20.86 1.05 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.02 0.90 -7.96	23.06 0.86 -10.76	29.72 1.03 -14.54	34.97 1.45 -12.23	36.48 1.58 -13.52	29.52 1.43 -6.77	24.01 1.37 -3.34	20.29 1.35 -0.49	18.02 1.16 0.00
WADING RIVER_IC_1 23522	18.15 1.71 0.00	16.57 1.42 0.00	15.39 1.19 0.00	15.14 1.11 0.00	15.40 1.12 0.00	16.17 1.39 0.00	19.68 1.65 -1.83	21.19 1.76 -2.54	21.55 1.41 -5.89	20.84 1.40 -5.29	21.24 1.44 -5.38	20.12 1.30 -4.16	19.66 1.08 -6.34	19.61 1.00 -7.92	20.16 1.11 -7.57	21.40 1.29 -7.95	24.55 1.37 -11.74	30.33 1.64 -14.54	36.10 2.55 -12.24	37.52 2.61 -13.52	30.73 2.60 -6.81	26.37 2.26 -4.80	21.27 2.31 -0.51	19.00 2.12 -0.02
WADING RIVER_IC_2 23547	18.15 1.71 0.00	16.57 1.42 0.00	15.39 1.19 0.00	15.14 1.11 0.00	15.40 1.12 0.00	16.17 1.39 0.00	19.68 1.65 -1.83	21.19 1.76 -2.54	21.55 1.41 -5.89	20.84 1.40 -5.29	21.24 1.44 -5.38	20.12 1.30 -4.16	19.66 1.08 -6.34	19.61 1.00 -7.92	20.16 1.11 -7.57	21.40 1.29 -7.95	24.55 1.37 -11.74	30.33 1.64 -14.54	36.10 2.55 -12.24	37.52 2.61 -13.52	30.73 2.60 -6.81	26.37 2.26 -4.80	21.27 2.31 -0.51	19.00 2.12 -0.02
WADING RIVER_IC_3 23601	18.15 1.71 0.00	16.57 1.42 0.00	15.39 1.19 0.00	15.14 1.11 0.00	15.40 1.12 0.00	16.17 1.39 0.00	19.68 1.65 -1.83	21.19 1.76 -2.54	21.55 1.41 -5.89	20.84 1.40 -5.29	21.24 1.44 -5.38	20.12 1.30 -4.16	19.66 1.08 -6.34	19.61 1.00 -7.92	20.16 1.11 -7.57	21.40 1.29 -7.95	24.55 1.37 -11.74	30.33 1.64 -14.54	36.10 2.55 -12.24	37.52 2.61 -13.52	30.73 2.60 -6.81	26.37 2.26 -4.80	21.27 2.31 -0.51	19.00 2.12 -0.02
WALDENNY_12_KV_BK2 80841	16.13 -0.31 0.00	14.86 -0.29 0.00	13.79 -0.41 0.00	13.77 -0.27 0.00	14.02 -0.27 0.00	14.47 -0.31 0.00	15.68 -0.81 -0.30	16.25 -0.86 -0.22	14.10 -0.64 -0.49	14.11 -0.62 -0.58	14.08 -0.68 -0.33	14.08 -0.64 -0.07	12.31 -0.37 -0.43	10.96 -0.32 -0.59	11.60 -0.29 -0.41	12.19 -0.30 -0.33	12.68 -0.31 -1.55	16.00 -0.51 -2.36	22.24 -1.04 -1.98	22.10 -0.81 -1.53	21.48 -0.94 -1.10	19.06 -0.79 -0.54	17.98 -0.55 -0.08	16.93 0.07 0.00
WALDEN__HYDRO 24148	17.40 0.95 0.00	15.98 0.83 0.00	14.90 0.70 0.00	14.72 0.69 0.00	14.99 0.70 0.00	15.50 0.72 0.00	18.81 0.91 -1.71	20.51 0.98 -2.64	21.20 0.81 -6.14	20.27 0.79 -5.32	20.99 0.79 -5.77	20.19 0.81 -4.73	19.67 0.69 -6.74	19.65 0.60 -8.36	20.34 0.65 -8.21	21.62 0.69 -8.76	22.37 0.63 -10.30	28.52 0.82 -13.55	33.91 1.21 -11.40	36.26 1.35 -13.53	28.85 1.21 -6.31	23.52 1.10 -3.11	19.97 1.05 -0.46	17.79 0.93 0.00
WARRENSBURG____ 23737	17.58 1.13 0.00	16.16 1.01 0.00	15.12 0.92 0.00	14.93 0.90 0.00	15.20 0.92 0.00	15.78 1.01 0.00	19.72 1.10 -2.42	20.21 1.00 -2.32	20.38 0.85 -5.27	20.54 0.93 -5.45	19.51 0.92 -4.16	17.78 0.94 -2.19	18.17 0.78 -5.15	18.03 0.65 -6.69	17.62 0.61 -5.54	18.12 0.67 -5.29	25.30 0.67 -13.19	34.20 0.85 -19.20	39.09 1.64 -16.15	37.26 1.65 -14.23	31.95 1.68 -8.94	25.11 1.39 -4.41	20.41 1.31 -0.65	18.01 1.15 0.00
WATERSIDE____6 8 9 23538	17.61 1.17 0.00	16.19 1.05 0.00	15.12 0.92 0.00	14.92 0.88 0.00	15.16 0.87 0.00	15.73 0.95 0.00	19.18 1.15 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.47 1.03 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.50 0.92 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.07 0.87 -10.76	29.73 1.05 -14.54	34.97 1.45 -12.23	36.46 1.56 -13.52	29.47 1.39 -6.77	24.03 1.39 -3.34	20.29 1.35 -0.49	18.04 1.18 0.00
WATKINRD_115KV_LN8_ILLION 55919	16.44 0.00 0.00	15.15 0.00 0.00	14.17 -0.03 0.00	14.00 -0.03 0.00	14.26 -0.03 0.00	14.75 -0.03 0.00	16.16 -0.03 0.00	16.86 -0.03 0.00	14.19 -0.06 0.00	14.08 -0.07 0.00	14.34 -0.09 0.00	14.55 -0.10 0.00	12.17 -0.07 0.00	10.63 -0.05 0.00	11.41 -0.07 0.00	12.09 -0.07 0.00	11.38 -0.06 0.00	14.12 -0.03 0.00	21.26 -0.04 0.00	21.38 0.00 0.00	21.32 0.00 0.00	19.29 -0.02 0.00	18.42 -0.04 0.00	16.84 -0.02 0.00
WATSON__69_KV_BK 1 55734	18.14 1.69 0.00	16.58 1.44 0.00	15.41 1.21 0.00	15.14 1.11 0.00	15.52 1.23 0.00	16.15 1.37 0.00	19.65 1.62 -1.83	21.21 1.77 -2.54	21.57 1.42 -5.89	20.85 1.42 -5.29	21.27 1.47 -5.38	20.15 1.33 -4.16	19.71 1.13 -6.34	19.66 1.05 -7.92	20.20 1.16 -7.57	21.44 1.33 -7.95	24.56 1.38 -11.74	30.36 1.67 -14.54	36.07 2.53 -12.24	37.51 2.61 -13.52	30.72 2.60 -6.80	26.39 2.28 -4.80	21.27 2.31 -0.51	18.98 2.11 -0.02
WDELAWARE__HYD 323627	17.51 1.07 0.00	16.07 0.92 0.00	14.97 0.77 0.00	14.79 0.76 0.00	15.06 0.77 0.00	15.56 0.78 0.00	18.76 1.00 -1.56	19.36 1.08 -1.39	18.27 0.88 -3.14	18.36 0.85 -3.36	17.64 0.85 -2.37	16.58 0.86 -1.06	15.94 0.72 -2.98	15.24 0.64 -3.92	15.26 0.69 -3.10	15.75 0.73 -2.86	20.50 0.66 -8.40	27.44 0.89 -12.40	33.07 1.34 -10.43	31.68 1.50 -8.80	28.44 1.34 -5.77	23.33 1.18 -2.85	20.02 1.14 -0.42	17.87 1.01 0.00

WEST BABYLON___IC 23714	18.02 1.58 0.00	16.48 1.33 0.00	15.32 1.12 0.00	15.06 1.02 0.00	15.43 1.14 0.00	16.05 1.27 0.00	19.55 1.52 -1.83	21.09 1.66 -2.54	21.48 1.34 -5.89	20.77 1.33 -5.29	21.19 1.38 -5.38	20.09 1.27 -4.16	19.66 1.08 -6.34	19.62 1.00 -7.92	20.15 1.10 -7.57	21.37 1.25 -7.95	24.47 1.29 -11.74	30.23 1.54 -14.54	35.88 2.34 -12.24	37.32 2.42 -13.52	30.50 2.39 -6.80	26.23 2.12 -4.80	21.10 2.14 -0.51	18.83 1.96 -0.02
WEST CANADA___HYD 24049	16.49 0.05 0.00	15.19 0.05 0.00	14.22 0.01 0.00	14.06 0.03 0.00	14.32 0.03 0.00	14.81 0.03 0.00	16.23 0.03 0.00	16.93 0.03 0.00	14.26 0.01 0.00	14.17 0.01 0.00	14.42 0.00 0.00	14.65 0.00 0.00	12.23 -0.01 0.00	10.69 0.00 0.00	11.46 -0.01 0.00	12.15 -0.01 0.00	11.44 0.00 0.00	14.16 0.01 0.00	21.32 0.02 0.00	21.43 0.04 0.00	21.34 0.02 0.00	19.33 0.02 0.00	18.48 0.02 0.00	16.88 0.02 0.00
WESTERN_NY_WIND 24143	16.21 -0.23 0.00	14.99 -0.15 0.00	13.90 -0.30 0.00	13.82 -0.21 0.00	14.07 -0.21 0.00	14.53 -0.25 0.00	15.98 -0.47 -0.25	16.61 -0.47 -0.19	14.33 -0.34 -0.43	14.32 -0.32 -0.50	14.36 -0.35 -0.28	14.39 -0.32 -0.06	12.48 -0.13 -0.37	11.09 -0.11 -0.51	11.75 -0.08 -0.35	12.38 -0.07 -0.29	12.71 -0.07 -1.34	16.01 -0.17 -2.03	22.65 -0.36 -1.71	22.53 -0.17 -1.32	21.86 -0.41 -0.95	19.46 -0.31 -0.47	18.38 -0.15 -0.07	16.96 0.10 0.00
WESTOVER___LESR 323668	16.69 0.25 0.00	15.37 0.23 0.00	14.33 0.13 0.00	14.21 0.18 0.00	14.50 0.21 0.00	14.99 0.21 0.00	16.87 0.10 -0.57	17.42 0.10 -0.43	15.30 0.10 -0.96	15.37 0.10 -1.11	15.15 0.09 -0.64	14.87 0.09 -0.13	13.20 0.12 -0.84	11.94 0.11 -1.14	12.40 0.14 -0.79	12.95 0.15 -0.64	14.57 0.13 -3.00	18.86 0.17 -4.55	25.34 0.21 -3.82	24.65 0.32 -2.95	23.67 0.23 -2.12	20.56 0.21 -1.04	18.83 0.22 -0.15	17.26 0.40 0.00
WETHRSFD_WT_PWR 323626	16.07 -0.38 0.00	14.86 -0.29 0.00	13.78 -0.43 0.00	13.68 -0.35 0.00	13.94 -0.34 0.00	14.38 -0.40 0.00	15.67 -0.86 -0.34	16.27 -0.88 -0.25	14.11 -0.70 -0.56	14.10 -0.71 -0.65	14.02 -0.78 -0.38	13.94 -0.79 -0.08	12.21 -0.53 -0.49	10.89 -0.47 -0.67	11.49 -0.45 -0.46	12.06 -0.47 -0.38	12.74 -0.46 -1.76	16.18 -0.64 -2.67	22.39 -1.15 -2.24	22.19 -0.92 -1.73	21.54 -1.02 -1.24	19.07 -0.85 -0.61	17.90 -0.65 -0.09	16.79 -0.07 0.00
WHAVSTOR_138KV_BK127 55557	17.41 0.97 0.00	16.01 0.86 0.00	14.94 0.74 0.00	14.75 0.72 0.00	15.00 0.71 0.00	15.55 0.77 0.00	18.82 0.94 -1.68	20.65 1.03 -2.73	21.48 0.87 -6.36	20.45 0.86 -5.43	21.35 0.87 -6.06	20.61 0.88 -5.08	20.04 0.75 -7.05	20.06 0.66 -8.71	20.83 0.71 -8.65	22.20 0.75 -9.29	22.41 0.71 -10.27	28.36 0.88 -13.34	33.77 1.26 -11.22	36.53 1.37 -13.78	28.79 1.26 -6.21	23.53 1.16 -3.06	20.03 1.13 -0.45	17.85 0.99 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	17.41 0.97 0.00	16.01 0.86 0.00	14.94 0.74 0.00	14.75 0.72 0.00	15.00 0.71 0.00	15.55 0.77 0.00	18.82 0.94 -1.68	20.65 1.03 -2.73	21.48 0.87 -6.36	20.45 0.86 -5.43	21.35 0.87 -6.06	20.61 0.88 -5.08	20.04 0.75 -7.05	20.06 0.66 -8.71	20.83 0.71 -8.65	22.20 0.75 -9.29	22.41 0.71 -10.27	28.36 0.88 -13.34	33.77 1.26 -11.22	36.53 1.37 -13.78	28.79 1.26 -6.21	23.53 1.16 -3.06	20.03 1.13 -0.45	17.85 0.99 0.00
WHITEHAL_115KV_TB1 80871	17.84 1.40 0.00	16.39 1.24 0.00	15.34 1.14 0.00	15.13 1.09 0.00	15.42 1.13 0.00	16.02 1.24 0.00	19.98 1.36 -2.42	20.48 1.27 -2.32	20.62 1.10 -5.27	20.77 1.16 -5.45	19.72 1.14 -4.16	17.99 1.14 -2.19	18.31 0.92 -5.15	18.14 0.76 -6.69	17.75 0.73 -5.54	18.28 0.83 -5.29	25.46 0.85 -13.18	34.44 1.10 -19.19	39.50 2.07 -16.14	37.68 2.07 -14.22	32.34 2.09 -8.94	25.41 1.70 -4.40	20.67 1.57 -0.65	18.26 1.40 0.00
WHITEPLN_13_KV_LOAD 356215	17.63 1.18 0.00	16.21 1.06 0.00	15.12 0.92 0.00	14.92 0.88 0.00	15.19 0.90 0.00	15.77 0.99 0.00	19.25 1.23 -1.82	20.80 1.35 -2.55	21.31 1.14 -5.92	20.56 1.12 -5.29	20.99 1.14 -5.43	20.03 1.14 -4.23	19.60 0.97 -6.39	19.51 0.84 -7.98	20.04 0.92 -7.65	21.17 0.96 -8.05	23.03 0.88 -10.72	29.71 1.13 -14.43	35.08 1.64 -12.14	36.66 1.75 -13.52	29.62 1.58 -6.72	24.09 1.47 -3.31	20.35 1.40 -0.49	18.09 1.23 0.00
WM_FLOYD_69_KV_BK2 356380	18.12 1.68 0.00	16.57 1.42 0.00	15.39 1.19 0.00	15.13 1.09 0.00	15.50 1.21 0.00	16.14 1.36 0.00	19.65 1.62 -1.83	21.18 1.74 -2.54	21.52 1.38 -5.89	20.83 1.39 -5.29	21.23 1.43 -5.38	20.09 1.27 -4.16	19.63 1.05 -6.34	19.60 0.99 -7.92	20.13 1.09 -7.57	21.38 1.26 -7.95	24.53 1.35 -11.74	30.32 1.63 -14.54	36.06 2.51 -12.25	37.50 2.59 -13.53	30.68 2.56 -6.81	26.35 2.24 -4.80	21.25 2.29 -0.51	18.98 2.11 -0.02
WOODARD___115KV_TB2 355635	16.43 -0.02 0.00	15.13 -0.02 0.00	14.12 -0.09 0.00	13.98 -0.06 0.00	14.27 -0.01 0.00	14.75 -0.03 0.00	16.34 -0.02 -0.16	17.04 0.02 -0.12	14.52 0.00 -0.27	14.49 0.01 -0.32	14.64 0.03 -0.18	14.72 0.03 -0.04	12.51 0.02 -0.24	11.04 0.02 -0.33	11.74 0.03 -0.23	12.38 0.04 -0.18	12.32 0.02 -0.86	15.50 0.04 -1.31	22.48 0.09 -1.10	22.38 0.15 -0.85	22.01 0.09 -0.61	19.67 0.06 -0.30	18.54 0.04 -0.04	16.91 0.05 0.00
YORK___WARBASSE 23770	17.63 1.18 0.00	16.21 1.06 0.00	15.12 0.92 0.00	14.93 0.90 0.00	15.17 0.89 0.00	15.73 0.95 0.00	19.20 1.17 -1.83	20.70 1.27 -2.54	21.20 1.05 -5.89	20.46 1.02 -5.29	20.84 1.04 -5.38	19.89 1.07 -4.17	19.52 0.93 -6.34	19.43 0.81 -7.93	19.91 0.86 -7.57	21.03 0.91 -7.96	23.07 0.87 -10.76	29.76 1.08 -14.54	35.06 1.53 -12.23	36.55 1.65 -13.52	29.45 1.36 -6.77	24.03 1.39 -3.34	20.31 1.37 -0.49	18.06 1.20 0.00