

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/27/2025

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	29.82	27.57	26.04	26.91	26.21	26.48	28.39	26.93	27.56	29.70	30.27	29.44	28.85	28.17	28.81	28.80	28.19	31.15	34.10	42.25	46.78	34.43	30.91	28.61
24138	0.80	0.92	0.92	0.84	0.90	1.14	1.12	1.43	1.35	1.24	1.16	0.97	1.00	1.25	0.99	0.99	1.43	1.67	2.23	3.01	3.22	2.34	2.13	1.92
	-17.71	-13.45	-11.72	-12.71	-10.78	-5.95	-9.49	-3.53	-7.18	-11.30	-12.04	-14.44	-13.80	-9.39	-13.83	-13.89	-6.85	-7.17	-2.95	-0.17	0.00	0.00	0.00	0.00
74TH STREET_GT_1	29.82	27.58	26.03	26.90	26.21	26.48	28.39	26.95	27.56	29.68	30.27	29.44	28.85	28.16	28.80	28.80	28.17	31.15	34.10	42.21	46.74	34.43	30.91	28.61
24260	0.80	0.92	0.91	0.83	0.90	1.14	1.12	1.45	1.35	1.22	1.16	0.97	1.00	1.23	0.98	0.99	1.41	1.67	2.23	2.97	3.18	2.34	2.13	1.92
	-17.71	-13.45	-11.72	-12.71	-10.78	-5.95	-9.49	-3.53	-7.18	-11.30	-12.04	-14.44	-13.80	-9.39	-13.84	-13.89	-6.85	-7.17	-2.95	-0.17	0.00	0.00	0.00	0.00
74TH STREET_GT_2	29.82	27.58	26.03	26.90	26.21	26.48	28.39	26.95	27.56	29.68	30.27	29.44	28.85	28.16	28.80	28.80	28.17	31.15	34.10	42.21	46.74	34.43	30.91	28.61
24261	0.80	0.92	0.91	0.83	0.90	1.14	1.12	1.45	1.35	1.22	1.16	0.97	1.00	1.23	0.98	0.99	1.41	1.67	2.23	2.97	3.18	2.34	2.13	1.92
	-17.71	-13.45	-11.72	-12.71	-10.78	-5.95	-9.49	-3.53	-7.18	-11.30	-12.04	-14.44	-13.80	-9.39	-13.84	-13.89	-6.85	-7.17	-2.95	-0.17	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	34.13	30.79	28.85	30.04	28.88	27.95	30.71	27.77	29.22	32.45	33.35	33.01	32.20	30.36	32.19	32.19	29.70	32.76	34.78	42.37	46.95	34.56	30.88	28.56
24011	0.69	0.78	0.80	0.79	0.87	1.12	1.07	1.38	1.22	1.17	1.23	0.93	0.90	1.09	0.91	0.90	1.23	1.49	2.17	3.09	3.40	2.47	2.10	1.87
	-22.14	-16.81	-14.65	-15.89	-13.47	-7.44	-11.86	-4.41	-8.98	-14.13	-15.05	-18.05	-17.25	-11.74	-17.30	-17.36	-8.56	-8.96	-3.69	-0.21	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	34.20	30.88	28.94	30.11	28.96	28.05	30.79	27.90	29.32	32.57	33.46	33.10	32.28	30.44	32.25	32.27	29.81	32.88	34.95	42.65	47.30	34.79	31.06	28.69
23798	0.75	0.86	0.88	0.86	0.94	1.22	1.14	1.51	1.31	1.27	1.33	1.01	0.97	1.16	0.96	0.97	1.33	1.61	2.34	3.36	3.75	2.70	2.27	2.00
	-22.15	-16.82	-14.65	-15.90	-13.48	-7.44	-11.87	-4.42	-8.99	-14.14	-15.06	-18.06	-17.26	-11.75	-17.31	-17.37	-8.57	-8.97	-3.69	-0.21	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	34.13	30.79	28.85	30.04	28.88	27.95	30.71	27.77	29.22	32.45	33.35	33.01	32.20	30.36	32.19	32.19	29.70	32.76	34.78	42.37	46.95	34.56	30.88	28.56
24028	0.69	0.78	0.80	0.79	0.87	1.12	1.07	1.38	1.22	1.17	1.23	0.93	0.90	1.09	0.91	0.90	1.23	1.49	2.17	3.09	3.40	2.47	2.10	1.87
	-22.14	-16.81	-14.65	-15.89	-13.47	-7.44	-11.86	-4.41	-8.98	-14.13	-15.05	-18.05	-17.25	-11.74	-17.30	-17.36	-8.56	-8.96	-3.69	-0.21	0.00	0.00	0.00	0.00
ADK_NYS___DAM	33.48	30.32	28.42	29.54	28.44	27.83	30.44	27.74	29.06	32.05	32.83	32.49	31.75	30.14	31.72	31.73	29.61	32.61	34.72	42.33	46.91	34.56	30.97	28.66
23527	0.72	0.83	0.83	0.79	0.86	1.24	1.17	1.49	1.33	1.20	1.18	0.97	0.98	1.23	0.98	0.99	1.41	1.63	2.23	3.05	3.35	2.47	2.19	1.97
	-21.45	-16.29	-14.19	-15.40	-13.05	-7.21	-11.49	-4.28	-8.70	-13.69	-14.58	-17.48	-16.71	-11.37	-16.76	-16.82	-8.30	-8.68	-3.57	-0.20	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	33.11	29.86	27.96	29.11	27.95	27.04	29.69	26.76	28.23	31.32	32.13	31.94	31.18	29.38	31.16	31.16	28.70	31.59	33.33	40.30	44.65	32.96	29.56	27.46
24190	0.24	0.28	0.28	0.27	0.29	0.41	0.36	0.48	0.46	0.39	0.39	0.32	0.32	0.40	0.32	0.32	0.46	0.56	0.81	1.02	1.09	0.87	0.78	0.77
	-21.57	-16.38	-14.27	-15.49	-13.13	-7.25	-11.56	-4.30	-8.75	-13.77	-14.66	-17.58	-16.81	-11.44	-16.85	-16.92	-8.34	-8.73	-3.59	-0.21	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	11.04	12.94	13.16	13.17	14.35	19.15	17.51	21.53	18.57	16.75	16.73	13.77	13.78	17.22	13.73	13.68	19.56	21.97	28.63	38.57	42.90	31.48	28.29	26.29
355683	-0.26	-0.26	-0.24	-0.19	-0.19	-0.23	-0.27	-0.44	-0.46	-0.41	-0.34	-0.27	-0.27	-0.32	-0.25	-0.24	-0.34	-0.33	-0.29	-0.51	-0.65	-0.61	-0.49	-0.40
	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_SOLAR	32.91	29.76	27.89	29.04	27.93	27.16	29.70	26.89	28.23	31.22	32.02	31.73	30.97	29.27	30.96	30.97	28.67	31.61	33.56	40.88	45.39	33.47	29.99	27.83
323833	0.37	0.43	0.44	0.44	0.48	0.64	0.55	0.68	0.59	0.51	0.51	0.39	0.38	0.47	0.39	0.40	0.56	0.71	1.10	1.60	1.83	1.38	1.21	1.15
	-21.23	-16.12	-14.05	-15.24	-12.92	-7.13	-11.38	-4.23	-8.61	-13.55	-14.43	-17.31	-16.55	-11.26	-16.59	-16.65	-8.21	-8.59	-3.54	-0.20	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	32.91	29.76	27.89	29.04	27.93	27.16	29.71	26.89	28.21	31.22	32.02	31.74	30.97	29.25	30.96	30.97	28.67	31.61	33.53	40.88	45.34	33.47	29.99	27.83
323834	0.37	0.43	0.44	0.44	0.48	0.64	0.55	0.68	0.57	0.51	0.51	0.39	0.38	0.46	0.39	0.40	0.56	0.71	1.07	1.60	1.79	1.38	1.21	1.15
	-21.23	-16.12	-14.05	-15.24	-12.92	-7.13	-11.38	-4.23	-8.61	-13.55	-14.43	-17.31	-16.55	-11.26	-16.59	-16.65	-8.21	-8.59	-3.54	-0.20	0.00	0.00	0.00	0.00
ALBANY___1	33.11	29.86	27.96	29.11	27.95	27.04	29.69	26.76	28.23	31.32	32.13	31.94	31.18	29.38	31.16	31.16	28.70	31.59	33.33	40.30	44.65	32.96	29.56	27.46
23571	0.24	0.28	0.28	0.27	0.29	0.41	0.36	0.48	0.46	0.39	0.39	0.32	0.32	0.40	0.32	0.32	0.46	0.56	0.81	1.02	1.09	0.87	0.78	0.77
	-21.57	-16.38	-14.27	-15.49	-13.13	-7.25	-11.56	-4.30	-8.75	-13.77	-14.66	-17.58	-16.81	-11.44	-16.85	-16.92	-8.34	-8.73	-3.59	-0.21	0.00	0.00	0.00	0.00

ALBANY___2 23572	33.11 0.24 -21.57	29.86 0.28 -16.38	27.96 0.28 -14.27	29.11 0.27 -15.49	27.95 0.29 -13.13	27.04 0.41 -7.25	29.69 0.36 -11.56	26.76 0.48 -4.30	28.23 0.46 -8.75	31.32 0.39 -13.77	32.13 0.39 -14.66	31.94 0.32 -17.58	31.18 0.32 -16.81	29.38 0.40 -11.44	31.16 0.32 -16.85	31.16 0.32 -16.92	28.70 0.46 -8.34	31.59 0.56 -8.73	33.33 0.81 -3.59	40.30 1.02 -0.21	44.65 1.09 0.00	32.96 0.87 0.00	29.56 0.78 0.00	27.46 0.77 0.00
ALBANY___3 23573	33.11 0.24 -21.57	29.86 0.28 -16.38	27.96 0.28 -14.27	29.11 0.27 -15.49	27.95 0.29 -13.13	27.04 0.41 -7.25	29.69 0.36 -11.56	26.76 0.48 -4.30	28.23 0.46 -8.75	31.32 0.39 -13.77	32.13 0.39 -14.66	31.94 0.32 -17.58	31.18 0.32 -16.81	29.38 0.40 -11.44	31.16 0.32 -16.85	31.16 0.32 -16.92	28.70 0.46 -8.34	31.59 0.56 -8.73	33.33 0.81 -3.59	40.30 1.02 -0.21	44.65 1.09 0.00	32.96 0.87 0.00	29.56 0.78 0.00	27.46 0.77 0.00
ALBANY___4 23574	33.11 0.24 -21.57	29.86 0.28 -16.38	27.96 0.28 -14.27	29.11 0.27 -15.49	27.95 0.29 -13.13	27.04 0.41 -7.25	29.69 0.36 -11.56	26.76 0.48 -4.30	28.23 0.46 -8.75	31.32 0.39 -13.77	32.13 0.39 -14.66	31.94 0.32 -17.58	31.18 0.32 -16.81	29.38 0.40 -11.44	31.16 0.32 -16.85	31.16 0.32 -16.92	28.70 0.46 -8.34	31.59 0.56 -8.73	33.33 0.81 -3.59	40.30 1.02 -0.21	44.65 1.09 0.00	32.96 0.87 0.00	29.56 0.78 0.00	27.46 0.77 0.00
ALBANY___LFGE 323615	33.36 0.33 -21.73	30.09 0.38 -16.50	28.17 0.39 -14.37	29.33 0.37 -15.60	28.16 0.41 -13.22	27.25 0.56 -7.30	29.92 0.50 -11.64	26.96 0.66 -4.33	28.45 0.61 -8.81	31.57 0.55 -13.87	32.41 0.56 -14.77	32.20 0.45 -17.71	31.43 0.45 -16.93	29.60 0.54 -11.52	31.40 0.45 -16.98	31.42 0.46 -17.04	28.94 0.64 -8.41	31.86 0.76 -8.80	33.61 1.07 -3.62	40.69 1.40 -0.21	45.08 1.52 0.00	33.28 1.19 0.00	29.82 1.03 0.00	27.70 1.01 0.00
ALCOA_PA_115KV_PL-6C 55860	11.08 -0.23 0.00	12.99 -0.21 0.00	13.22 -0.19 0.00	13.22 -0.13 0.00	14.39 -0.15 0.00	19.23 -0.16 0.00	17.55 -0.23 0.00	21.60 -0.37 0.00	18.59 -0.44 0.00	16.78 -0.38 0.00	16.77 -0.31 0.00	13.81 -0.22 0.00	13.80 -0.25 0.00	17.26 -0.28 0.00	13.74 -0.24 0.00	13.71 -0.21 0.00	19.60 -0.30 0.00	22.04 -0.27 0.00	28.75 -0.17 0.00	38.72 -0.35 0.00	43.12 -0.44 0.00	31.61 -0.48 0.00	28.41 -0.37 0.00	26.39 -0.29 0.00
ALCOA_RYNLDS___DRP 24188	11.08 -0.23 0.00	12.99 -0.21 0.00	13.22 -0.19 0.00	13.22 -0.13 0.00	14.39 -0.15 0.00	19.23 -0.16 0.00	17.55 -0.23 0.00	21.60 -0.37 0.00	18.59 -0.44 0.00	16.78 -0.38 0.00	16.77 -0.31 0.00	13.81 -0.22 0.00	13.80 -0.25 0.00	17.26 -0.28 0.00	13.74 -0.24 0.00	13.71 -0.21 0.00	19.60 -0.30 0.00	22.04 -0.27 0.00	28.75 -0.17 0.00	38.72 -0.35 0.00	43.12 -0.44 0.00	31.61 -0.48 0.00	28.41 -0.37 0.00	26.39 -0.29 0.00
ALCOA___DSASP 323711	11.08 -0.23 0.00	12.99 -0.21 0.00	13.22 -0.19 0.00	13.22 -0.13 0.00	14.39 -0.15 0.00	19.23 -0.16 0.00	17.55 -0.23 0.00	21.60 -0.37 0.00	18.59 -0.44 0.00	16.78 -0.38 0.00	16.77 -0.31 0.00	13.81 -0.23 0.00	13.80 -0.25 0.00	17.25 -0.28 0.00	13.74 -0.24 0.00	13.71 -0.21 0.00	19.60 -0.30 0.00	22.04 -0.27 0.00	28.75 -0.17 0.00	38.69 -0.39 0.00	43.12 -0.44 0.00	31.61 -0.48 0.00	28.41 -0.37 0.00	26.39 -0.29 0.00
ALLEGHENY___COGEN 23514	14.24 -0.14 -3.07	15.33 -0.20 -2.33	15.20 -0.23 -2.03	15.28 -0.28 -2.20	16.07 -0.33 -1.87	20.01 -0.41 -1.03	19.06 -0.36 -1.64	22.08 -0.50 -0.61	19.55 -0.72 -1.24	18.33 -0.79 -1.96	18.22 -0.94 -2.08	15.69 -0.84 -2.50	15.61 -0.83 -2.39	18.09 -1.07 -1.63	15.59 -0.78 -2.40	15.59 -0.74 -2.40	20.11 -0.97 -1.19	22.50 -1.05 -1.24	28.45 -0.98 -0.51	38.71 -0.39 -0.03	43.78 0.22 0.00	32.32 0.23 0.00	28.87 0.09 0.00	26.71 0.03 0.00
ALTAMONT_115KV_TB 2 55880	33.23 0.34 -21.59	29.99 0.40 -16.39	28.09 0.40 -14.28	29.25 0.40 -15.50	28.09 0.42 -13.13	27.22 0.58 -7.25	29.86 0.52 -11.57	26.93 0.66 -4.30	28.37 0.59 -8.76	31.47 0.53 -13.77	32.28 0.53 -14.67	32.05 0.42 -17.60	31.29 0.42 -16.82	29.51 0.53 -11.45	31.27 0.42 -16.86	31.28 0.43 -16.93	28.87 0.62 -8.35	31.76 0.71 -8.74	33.53 1.01 -3.60	40.69 1.41 -0.21	45.08 1.52 0.00	33.24 1.16 0.00	29.79 1.01 0.00	27.62 0.93 0.00
ALTONA_WT_PWR 323606	10.85 -0.45 0.00	12.79 -0.41 0.00	13.10 -0.31 0.00	13.20 -0.16 0.00	14.42 -0.12 0.00	19.29 -0.10 0.00	17.60 -0.18 0.00	21.53 -0.44 0.00	18.44 -0.59 0.00	16.58 -0.58 0.00	16.55 -0.53 0.00	13.66 -0.38 0.00	13.64 -0.41 0.00	17.05 -0.49 0.00	13.60 -0.38 0.00	13.57 -0.35 0.00	19.46 -0.44 0.00	21.95 -0.36 0.00	28.60 -0.32 0.00	38.29 -0.78 0.00	42.51 -1.05 0.00	31.09 -1.00 0.00	28.03 -0.75 0.00	26.18 -0.51 0.00
AMERICAN_REF_FUEL 24010	13.22 -0.82 -2.74	14.28 -1.00 -2.08	14.16 -1.06 -1.81	14.18 -1.15 -1.97	14.84 -1.37 -1.67	18.54 -1.76 -0.92	17.68 -1.56 -1.47	20.59 -1.93 -0.55	18.43 -1.71 -1.11	17.35 -1.56 -1.75	17.23 -1.71 -1.86	14.85 -1.42 -2.24	14.85 -1.33 -2.14	17.31 -1.68 -1.45	14.85 -1.27 -2.14	14.86 -1.21 -2.15	19.23 -1.73 -1.06	21.23 -2.18 -1.11	26.40 -2.98 -0.46	35.08 -4.02 -0.03	39.42 -4.14 0.00	29.46 -2.63 0.00	26.39 -2.39 0.00	24.69 -2.00 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	13.85 -0.61 -3.15	14.87 -0.73 -2.40	14.73 -0.76 -2.09	14.75 -0.87 -2.26	15.44 -1.02 -1.92	19.12 -1.32 -1.06	18.31 -1.16 -1.69	21.17 -1.43 -0.63	19.01 -1.29 -1.28	17.92 -1.25 -2.01	17.80 -1.42 -2.14	15.41 -1.19 -2.57	15.38 -1.12 -2.46	17.77 -1.44 -1.67	15.38 -1.06 -2.46	15.35 -1.04 -2.47	19.63 -1.49 -1.22	21.66 -1.92 -1.28	26.96 -2.49 -0.53	36.41 -2.70 -0.03	40.94 -2.61 0.00	30.65 -1.44 0.00	27.43 -1.35 0.00	25.65 -1.04 0.00
ARTHUR KILL_GT_1 23520	29.85 0.82 -17.72	27.62 0.96 -13.46	26.09 0.97 -11.72	26.95 0.87 -12.72	26.25 0.94 -10.78	26.50 1.16 -5.95	28.41 1.14 -9.49	26.98 1.47 -3.53	27.59 1.37 -7.19	29.67 1.20 -11.31	30.26 1.14 -12.05	29.44 0.95 -14.45	28.84 0.98 -13.81	28.16 1.23 -9.40	28.81 0.98 -13.84	28.81 0.99 -13.90	28.20 1.43 -6.86	31.15 1.67 -7.18	34.11 2.23 -2.96	42.14 2.89 -0.18	46.47 2.92 0.01	34.44 2.34 -0.01	30.95 2.16 -0.01	28.72 2.03 -0.01
ARTHUR_KILL_2 23512	29.83 0.80 -17.72	27.60 0.94 -13.46	26.07 0.94 -11.72	26.92 0.84 -12.72	26.21 0.90 -10.78	26.46 1.12 -5.95	28.37 1.10 -9.49	26.91 1.41 -3.53	27.53 1.31 -7.19	29.64 1.17 -11.31	30.23 1.11 -12.05	29.41 0.93 -14.45	28.81 0.96 -13.81	28.13 1.19 -9.40	28.78 0.95 -13.84	28.78 0.96 -13.90	28.15 1.39 -6.86	31.09 1.61 -7.18	34.05 2.17 -2.96	42.03 2.77 -0.18	46.34 2.79 0.01	34.38 2.28 -0.01	30.89 2.10 -0.01	28.64 1.95 -0.01
ARTHUR_KILL_3 23513	29.74 0.72 -17.71	27.48 0.83 -13.45	25.94 0.82 -11.72	26.80 0.73 -12.71	26.09 0.78 -10.78	26.32 0.99 -5.95	28.24 0.98 -9.49	26.78 1.27 -3.53	27.41 1.20 -7.18	29.56 1.10 -11.30	30.14 1.02 -12.04	29.34 0.87 -14.44	28.74 0.89 -13.80	28.03 1.11 -9.39	28.70 0.88 -13.84	28.69 0.88 -13.89	28.03 1.27 -6.85	30.97 1.49 -7.17	33.87 1.99 -2.95	41.90 2.66 -0.17	46.35 2.79 0.00	34.17 2.08 0.00	30.68 1.90 0.00	28.40 1.71 0.00

ARTHUR_KILL_COGEN 323718	29.85 0.82 -17.72	27.62 0.96 -13.46	26.09 0.97 -11.72	26.95 0.87 -12.72	26.25 0.94 -10.78	26.50 1.16 -5.95	28.41 1.14 -9.49	26.98 1.47 -3.53	27.59 1.37 -7.19	29.67 1.20 -11.31	30.26 1.14 -12.05	29.44 0.95 -14.45	28.84 0.98 -13.81	28.16 1.23 -9.40	28.81 0.98 -13.84	28.81 0.99 -13.90	28.20 1.43 -6.86	31.15 1.67 -7.18	34.11 2.23 -2.96	42.14 2.89 -0.18	46.47 2.92 0.01	34.44 2.34 -0.01	30.95 2.16 -0.01	28.72 2.03 -0.01
ASHOKAN____ 23654	31.07 -0.03 -19.80	28.21 -0.03 -15.03	26.46 -0.04 -13.10	27.50 -0.07 -14.21	26.51 -0.07 -12.05	25.90 -0.13 -6.65	28.31 -0.07 -10.61	25.79 -0.13 -3.95	26.90 -0.15 -8.03	29.65 -0.14 -12.63	30.38 -0.15 -13.46	30.03 -0.14 -16.14	29.32 -0.15 -15.43	27.86 -0.18 -10.50	29.29 -0.15 -15.47	29.29 -0.15 -15.52	27.34 -0.22 -7.66	30.27 -0.04 -8.01	32.54 0.32 -3.30	41.92 2.66 -0.19	46.52 2.96 0.00	34.27 2.18 0.00	30.74 1.96 0.00	28.56 1.87 0.00
ASTORIA_EAST_ENERGY_CC1 323581	29.64 0.63 -17.70	27.38 0.74 -13.44	25.84 0.72 -11.71	26.70 0.64 -12.71	26.00 0.70 -10.77	26.18 0.85 -5.94	28.11 0.85 -9.48	26.64 1.14 -3.52	27.31 1.10 -7.18	29.43 0.98 -11.29	30.01 0.90 -12.03	29.25 0.79 -14.43	28.64 0.80 -13.79	27.92 1.00 -9.39	28.61 0.80 -13.83	28.59 0.79 -13.88	27.92 1.17 -6.84	30.83 1.36 -7.16	33.69 1.82 -2.94	41.62 2.38 -0.16	46.07 2.53 0.01	33.94 1.86 0.01	30.50 1.73 0.01	28.28 1.60 0.01
ASTORIA_EAST_ENERGY_CC2 323582	29.64 0.63 -17.70	27.38 0.74 -13.44	25.84 0.72 -11.71	26.70 0.64 -12.71	26.00 0.70 -10.77	26.18 0.85 -5.94	28.11 0.85 -9.48	26.64 1.14 -3.52	27.31 1.10 -7.18	29.43 0.98 -11.29	30.01 0.90 -12.03	29.25 0.79 -14.43	28.64 0.80 -13.79	27.92 1.00 -9.39	28.61 0.80 -13.83	28.59 0.79 -13.88	27.92 1.17 -6.84	30.83 1.36 -7.16	33.69 1.82 -2.94	41.62 2.38 -0.16	46.07 2.53 0.01	33.94 1.86 0.01	30.50 1.73 0.01	28.28 1.60 0.01
ASTORIA_GT2_1 24094	29.66 0.64 -17.71	27.40 0.75 -13.45	25.86 0.74 -11.72	26.72 0.65 -12.71	26.01 0.70 -10.78	26.21 0.87 -5.95	28.14 0.87 -9.49	26.67 1.16 -3.53	27.31 1.10 -7.18	29.46 1.00 -11.30	30.03 0.92 -12.04	29.26 0.79 -14.44	28.67 0.81 -13.80	27.95 1.02 -9.39	28.63 0.81 -13.84	28.62 0.81 -13.89	27.93 1.17 -6.85	30.83 1.36 -7.17	33.69 1.82 -2.95	41.67 2.42 -0.17	46.08 2.53 0.00	33.95 1.86 0.00	30.51 1.73 0.00	28.32 1.63 0.00
ASTORIA_GT2_2 24095	29.66 0.64 -17.71	27.40 0.75 -13.45	25.86 0.74 -11.72	26.72 0.65 -12.71	26.01 0.70 -10.78	26.21 0.87 -5.95	28.14 0.87 -9.49	26.67 1.16 -3.53	27.31 1.10 -7.18	29.46 1.00 -11.30	30.03 0.92 -12.04	29.26 0.79 -14.44	28.67 0.81 -13.80	27.95 1.02 -9.39	28.63 0.81 -13.84	28.62 0.81 -13.89	27.93 1.17 -6.85	30.83 1.36 -7.17	33.69 1.82 -2.95	41.67 2.42 -0.17	46.08 2.53 0.00	33.95 1.86 0.00	30.51 1.73 0.00	28.32 1.63 0.00
ASTORIA_GT2_3 24096	29.66 0.64 -17.71	27.40 0.75 -13.45	25.86 0.74 -11.72	26.72 0.65 -12.71	26.01 0.70 -10.78	26.21 0.87 -5.95	28.14 0.87 -9.49	26.67 1.16 -3.53	27.31 1.10 -7.18	29.46 1.00 -11.30	30.03 0.92 -12.04	29.26 0.79 -14.44	28.67 0.81 -13.80	27.95 1.02 -9.39	28.63 0.81 -13.84	28.62 0.81 -13.89	27.93 1.17 -6.85	30.83 1.36 -7.17	33.69 1.82 -2.95	41.67 2.42 -0.17	46.08 2.53 0.00	33.95 1.86 0.00	30.51 1.73 0.00	28.32 1.63 0.00
ASTORIA_GT2_4 24097	29.66 0.64 -17.71	27.40 0.75 -13.45	25.86 0.74 -11.72	26.72 0.65 -12.71	26.01 0.70 -10.78	26.21 0.87 -5.95	28.14 0.87 -9.49	26.67 1.16 -3.53	27.31 1.10 -7.18	29.46 1.00 -11.30	30.03 0.92 -12.04	29.26 0.79 -14.44	28.67 0.81 -13.80	27.95 1.02 -9.39	28.63 0.81 -13.84	28.62 0.81 -13.89	27.93 1.17 -6.85	30.83 1.36 -7.17	33.69 1.82 -2.95	41.67 2.42 -0.17	46.08 2.53 0.00	33.95 1.86 0.00	30.51 1.73 0.00	28.32 1.63 0.00
ASTORIA_GT3_1 24098	29.66 0.64 -17.71	27.40 0.75 -13.45	25.86 0.74 -11.72	26.72 0.65 -12.71	26.01 0.70 -10.78	26.21 0.87 -5.95	28.14 0.87 -9.49	26.67 1.16 -3.53	27.31 1.10 -7.18	29.46 1.00 -11.30	30.03 0.92 -12.04	29.26 0.79 -14.44	28.67 0.81 -13.80	27.95 1.02 -9.39	28.63 0.81 -13.84	28.62 0.81 -13.89	27.93 1.17 -6.85	30.83 1.36 -7.17	33.69 1.82 -2.95	41.67 2.42 -0.17	46.08 2.53 0.00	33.95 1.86 0.00	30.51 1.73 0.00	28.32 1.63 0.00
ASTORIA_GT3_2 24099	29.66 0.64 -17.71	27.40 0.75 -13.45	25.86 0.74 -11.72	26.72 0.65 -12.71	26.01 0.70 -10.78	26.21 0.87 -5.95	28.14 0.87 -9.49	26.67 1.16 -3.53	27.31 1.10 -7.18	29.46 1.00 -11.30	30.03 0.92 -12.04	29.26 0.79 -14.44	28.67 0.81 -13.80	27.95 1.02 -9.39	28.63 0.81 -13.84	28.62 0.81 -13.89	27.93 1.17 -6.85	30.83 1.36 -7.17	33.69 1.82 -2.95	41.67 2.42 -0.17	46.08 2.53 0.00	33.95 1.86 0.00	30.51 1.73 0.00	28.32 1.63 0.00
ASTORIA_GT3_3 24100	29.66 0.64 -17.71	27.40 0.75 -13.45	25.86 0.74 -11.72	26.72 0.65 -12.71	26.01 0.70 -10.78	26.21 0.87 -5.95	28.14 0.87 -9.49	26.67 1.16 -3.53	27.31 1.10 -7.18	29.46 1.00 -11.30	30.03 0.92 -12.04	29.26 0.79 -14.44	28.67 0.81 -13.80	27.95 1.02 -9.39	28.63 0.81 -13.84	28.62 0.81 -13.89	27.93 1.17 -6.85	30.83 1.36 -7.17	33.69 1.82 -2.95	41.67 2.42 -0.17	46.08 2.53 0.00	33.95 1.86 0.00	30.51 1.73 0.00	28.32 1.63 0.00
ASTORIA_GT3_4 24101	29.66 0.64 -17.71	27.40 0.75 -13.45	25.86 0.74 -11.72	26.72 0.65 -12.71	26.01 0.70 -10.78	26.21 0.87 -5.95	28.14 0.87 -9.49	26.67 1.16 -3.53	27.31 1.10 -7.18	29.46 1.00 -11.30	30.03 0.92 -12.04	29.26 0.79 -14.44	28.67 0.81 -13.80	27.95 1.02 -9.39	28.63 0.81 -13.84	28.62 0.81 -13.89	27.93 1.17 -6.85	30.83 1.36 -7.17	33.69 1.82 -2.95	41.67 2.42 -0.17	46.08 2.53 0.00	33.95 1.86 0.00	30.51 1.73 0.00	28.32 1.63 0.00
ASTORIA_GT4_1 24102	29.66 0.64 -17.71	27.40 0.75 -13.45	25.86 0.74 -11.72	26.72 0.65 -12.71	26.01 0.70 -10.78	26.21 0.87 -5.95	28.14 0.87 -9.49	26.67 1.16 -3.53	27.31 1.10 -7.18	29.46 1.00 -11.30	30.03 0.92 -12.04	29.26 0.79 -14.44	28.67 0.81 -13.80	27.95 1.02 -9.39	28.63 0.81 -13.84	28.62 0.81 -13.89	27.93 1.17 -6.85	30.83 1.36 -7.17	33.69 1.82 -2.95	41.67 2.42 -0.17	46.08 2.53 0.00	33.95 1.86 0.00	30.51 1.73 0.00	28.32 1.63 0.00
ASTORIA_GT4_2 24103	29.66 0.64 -17.71	27.40 0.75 -13.45	25.86 0.74 -11.72	26.72 0.65 -12.71	26.01 0.70 -10.78	26.21 0.87 -5.95	28.14 0.87 -9.49	26.67 1.16 -3.53	27.31 1.10 -7.18	29.46 1.00 -11.30	30.03 0.92 -12.04	29.26 0.79 -14.44	28.67 0.81 -13.80	27.95 1.02 -9.39	28.63 0.81 -13.84	28.62 0.81 -13.89	27.93 1.17 -6.85	30.83 1.36 -7.17	33.69 1.82 -2.95	41.67 2.42 -0.17	46.08 2.53 0.00	33.95 1.86 0.00	30.51 1.73 0.00	28.32 1.63 0.00
ASTORIA_GT4_3 24104	29.66 0.64 -17.71	27.40 0.75 -13.45	25.86 0.74 -11.72	26.72 0.65 -12.71	26.01 0.70 -10.78	26.21 0.87 -5.95	28.14 0.87 -9.49	26.67 1.16 -3.53	27.31 1.10 -7.18	29.46 1.00 -11.30	30.03 0.92 -12.04	29.26 0.79 -14.44	28.67 0.81 -13.80	27.95 1.02 -9.39	28.63 0.81 -13.84	28.62 0.81 -13.89	27.93 1.17 -6.85	30.83 1.36 -7.17	33.69 1.82 -2.95	41.67 2.42 -0.17	46.08 2.53 0.00	33.95 1.86 0.00	30.51 1.73 0.00	28.32 1.63 0.00

ASTORIA_GT4_4 24105	29.66 0.64 -17.71	27.40 0.75 -13.45	25.86 0.74 -11.72	26.72 0.65 -12.71	26.01 0.70 -10.78	26.21 0.87 -5.95	28.14 0.87 -9.49	26.67 1.16 -3.53	27.31 1.10 -7.18	29.46 1.00 -11.30	30.03 0.92 -12.04	29.26 0.79 -14.44	28.67 0.81 -13.80	27.95 1.02 -9.39	28.63 0.81 -13.84	28.62 0.81 -13.89	27.93 1.17 -6.85	30.83 1.36 -7.17	33.69 1.82 -2.95	41.67 2.42 -0.17	46.08 2.53 0.00	33.95 1.86 0.00	30.51 1.73 0.00	28.32 1.63 0.00
ASTORIA_GT_1 23523	29.66 0.66 -17.70	27.41 0.77 -13.44	25.86 0.75 -11.71	26.73 0.67 -12.71	26.01 0.71 -10.77	26.22 0.89 -5.94	28.15 0.89 -9.48	26.68 1.19 -3.52	27.34 1.14 -7.18	29.47 1.01 -11.29	30.04 0.94 -12.03	29.28 0.81 -14.43	28.67 0.83 -13.79	27.96 1.03 -9.39	28.64 0.82 -13.83	28.62 0.82 -13.88	27.96 1.21 -6.84	30.87 1.41 -7.16	33.74 1.88 -2.94	41.74 2.50 -0.16	46.16 2.61 0.01	34.01 1.93 0.01	30.56 1.79 0.01	28.33 1.66 0.01
ASTORIA_GT_10 24110	29.77 0.76 -17.71	27.54 0.88 -13.45	25.99 0.87 -11.72	26.84 0.77 -12.71	26.15 0.84 -10.78	26.38 1.05 -5.95	28.32 1.05 -9.49	26.87 1.36 -3.53	27.50 1.29 -7.18	29.61 1.15 -11.30	30.19 1.08 -12.04	29.39 0.91 -14.44	28.79 0.94 -13.80	28.10 1.17 -9.39	28.76 0.94 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.06 1.58 -7.17	33.95 2.08 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.80 2.01 0.00	28.56 1.87 0.00
ASTORIA_GT_11 24225	29.77 0.76 -17.71	27.54 0.88 -13.45	25.99 0.87 -11.72	26.84 0.77 -12.71	26.15 0.84 -10.78	26.38 1.05 -5.95	28.32 1.05 -9.49	26.87 1.36 -3.53	27.50 1.29 -7.18	29.61 1.15 -11.30	30.19 1.08 -12.04	29.39 0.91 -14.44	28.79 0.94 -13.80	28.10 1.17 -9.39	28.76 0.94 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.06 1.58 -7.17	33.95 2.08 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.80 2.01 0.00	28.56 1.87 0.00
ASTORIA_GT_12 24226	29.77 0.76 -17.71	27.54 0.88 -13.45	25.99 0.87 -11.72	26.84 0.77 -12.71	26.15 0.84 -10.78	26.38 1.05 -5.95	28.32 1.05 -9.49	26.87 1.36 -3.53	27.50 1.29 -7.18	29.61 1.15 -11.30	30.19 1.08 -12.04	29.39 0.91 -14.44	28.79 0.94 -13.80	28.10 1.17 -9.39	28.76 0.94 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.06 1.58 -7.17	33.95 2.08 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.80 2.01 0.00	28.56 1.87 0.00
ASTORIA_GT_13 24227	29.77 0.76 -17.71	27.54 0.88 -13.45	25.99 0.87 -11.72	26.84 0.77 -12.71	26.15 0.84 -10.78	26.38 1.05 -5.95	28.32 1.05 -9.49	26.87 1.36 -3.53	27.50 1.29 -7.18	29.61 1.15 -11.30	30.19 1.08 -12.04	29.39 0.91 -14.44	28.79 0.94 -13.80	28.10 1.17 -9.39	28.76 0.94 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.06 1.58 -7.17	33.95 2.08 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.80 2.01 0.00	28.56 1.87 0.00
ASTORIA_GT_5 24106	29.67 0.66 -17.71	27.42 0.77 -13.45	25.87 0.75 -11.72	26.74 0.67 -12.71	26.02 0.71 -10.78	26.23 0.89 -5.95	28.16 0.89 -9.49	26.69 1.19 -3.53	27.35 1.14 -7.18	29.47 1.01 -11.30	30.05 0.94 -12.04	29.29 0.81 -14.44	28.68 0.83 -13.80	27.96 1.03 -9.39	28.64 0.82 -13.84	28.63 0.82 -13.89	27.97 1.21 -6.85	30.88 1.41 -7.17	33.75 1.88 -2.95	41.75 2.50 -0.17	46.17 2.61 0.00	34.02 1.93 0.00	30.57 1.78 0.00	28.34 1.65 0.00
ASTORIA_GT_7 24107	29.67 0.66 -17.71	27.42 0.77 -13.45	25.87 0.75 -11.72	26.74 0.67 -12.71	26.02 0.71 -10.78	26.23 0.89 -5.95	28.16 0.89 -9.49	26.69 1.19 -3.53	27.35 1.14 -7.18	29.47 1.01 -11.30	30.05 0.94 -12.04	29.29 0.81 -14.44	28.68 0.83 -13.80	27.96 1.03 -9.39	28.64 0.82 -13.84	28.63 0.82 -13.89	27.97 1.21 -6.85	30.88 1.41 -7.17	33.75 1.88 -2.95	41.75 2.50 -0.17	46.17 2.61 0.00	34.02 1.93 0.00	30.57 1.78 0.00	28.34 1.65 0.00
ASTORIA_GT_8 24108	29.67 0.66 -17.71	27.42 0.77 -13.45	25.87 0.75 -11.72	26.74 0.67 -12.71	26.02 0.71 -10.78	26.23 0.89 -5.95	28.16 0.89 -9.49	26.69 1.19 -3.53	27.35 1.14 -7.18	29.47 1.01 -11.30	30.05 0.94 -12.04	29.29 0.81 -14.44	28.68 0.83 -13.80	27.96 1.03 -9.39	28.64 0.82 -13.84	28.63 0.82 -13.89	27.97 1.21 -6.85	30.88 1.41 -7.17	33.75 1.88 -2.95	41.75 2.50 -0.17	46.17 2.61 0.00	34.02 1.93 0.00	30.57 1.78 0.00	28.34 1.65 0.00
ASTORIA___2 24149	29.65 0.64 -17.70	27.40 0.75 -13.44	25.85 0.74 -11.71	26.72 0.65 -12.71	26.00 0.70 -10.77	26.20 0.87 -5.94	28.13 0.87 -9.48	26.64 1.14 -3.52	27.31 1.10 -7.18	29.45 0.99 -11.29	30.03 0.92 -12.03	29.25 0.79 -14.43	28.66 0.81 -13.79	27.94 1.02 -9.39	28.62 0.81 -13.83	28.61 0.81 -13.88	27.92 1.17 -6.84	30.83 1.36 -7.16	33.69 1.82 -2.94	41.66 2.42 -0.16	46.12 2.57 0.01	33.94 1.86 0.01	30.50 1.73 0.01	28.31 1.63 0.01
ASTORIA___3 23516	29.77 0.76 -17.71	27.54 0.88 -13.45	25.99 0.87 -11.72	26.84 0.77 -12.71	26.15 0.84 -10.78	26.38 1.05 -5.95	28.32 1.05 -9.49	26.87 1.36 -3.53	27.51 1.29 -7.18	29.61 1.15 -11.30	30.19 1.08 -12.04	29.39 0.91 -14.44	28.79 0.94 -13.80	28.10 1.18 -9.39	28.76 0.94 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.06 1.58 -7.17	33.96 2.08 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.80 2.01 0.00	28.56 1.87 0.00
ASTORIA___4 23517	29.77 0.76 -17.71	27.54 0.88 -13.45	25.99 0.87 -11.72	26.84 0.77 -12.71	26.15 0.84 -10.78	26.38 1.05 -5.95	28.32 1.05 -9.49	26.87 1.36 -3.53	27.50 1.29 -7.18	29.61 1.15 -11.30	30.19 1.08 -12.04	29.39 0.91 -14.44	28.79 0.94 -13.80	28.10 1.17 -9.39	28.76 0.94 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.06 1.58 -7.17	33.95 2.08 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.80 2.01 0.00	28.56 1.87 0.00
ASTORIA___5 23518	29.77 0.76 -17.71	27.54 0.88 -13.45	25.99 0.87 -11.72	26.84 0.77 -12.71	26.15 0.84 -10.78	26.38 1.05 -5.95	28.32 1.05 -9.49	26.87 1.36 -3.53	27.51 1.29 -7.18	29.61 1.15 -11.30	30.19 1.08 -12.04	29.39 0.91 -14.44	28.79 0.94 -13.80	28.10 1.18 -9.39	28.76 0.94 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.06 1.58 -7.17	33.96 2.08 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.80 2.01 0.00	28.56 1.87 0.00
AST_ENERGY_2_CC3 323677	29.77 0.76 -17.71	27.52 0.87 -13.45	25.99 0.87 -11.72	26.86 0.79 -12.71	26.15 0.84 -10.78	26.40 1.07 -5.95	28.30 1.03 -9.49	26.82 1.32 -3.53	27.45 1.24 -7.18	29.59 1.13 -11.30	30.17 1.06 -12.04	29.37 0.90 -14.44	28.76 0.91 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.71 0.90 -13.89	28.07 1.31 -6.85	30.99 1.52 -7.17	33.87 1.99 -2.95	41.90 2.66 -0.17	46.39 2.83 0.00	34.21 2.12 0.00	30.74 1.96 0.00	28.45 1.76 0.00
AST_ENERGY_2_CC4 323678	29.77 0.76 -17.71	27.52 0.87 -13.45	25.99 0.87 -11.72	26.86 0.79 -12.71	26.15 0.84 -10.78	26.40 1.07 -5.95	28.30 1.03 -9.49	26.82 1.32 -3.53	27.45 1.24 -7.18	29.59 1.13 -11.30	30.17 1.06 -12.04	29.37 0.90 -14.44	28.76 0.91 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.71 0.90 -13.89	28.07 1.31 -6.85	30.99 1.52 -7.17	33.87 1.99 -2.95	41.90 2.66 -0.17	46.39 2.83 0.00	34.21 2.12 0.00	30.74 1.96 0.00	28.45 1.76 0.00

ATHENS_STG_1 23668	31.18 0.43 -19.44	28.46 0.49 -14.77	26.76 0.50 -12.86	27.81 0.49 -13.96	26.89 0.52 -11.83	26.59 0.68 -6.53	28.83 0.64 -10.42	26.64 0.79 -3.88	27.64 0.72 -7.89	30.22 0.65 -12.41	30.92 0.63 -13.21	30.40 0.52 -15.85	29.73 0.53 -15.15	28.51 0.67 -10.31	29.70 0.53 -15.19	29.70 0.53 -15.25	28.18 0.76 -7.52	31.07 0.89 -7.87	33.40 1.24 -3.24	40.94 1.68 -0.19	45.39 1.83 0.00	33.44 1.35 0.00	29.99 1.21 0.00	27.78 1.09 0.00
ATHENS_STG_2 23670	31.18 0.43 -19.44	28.46 0.49 -14.77	26.76 0.50 -12.86	27.81 0.49 -13.96	26.89 0.52 -11.83	26.59 0.68 -6.53	28.83 0.64 -10.42	26.64 0.79 -3.88	27.64 0.72 -7.89	30.22 0.65 -12.41	30.92 0.63 -13.21	30.40 0.52 -15.85	29.73 0.53 -15.15	28.51 0.67 -10.31	29.70 0.53 -15.19	29.70 0.53 -15.25	28.18 0.76 -7.52	31.07 0.89 -7.87	33.40 1.24 -3.24	40.94 1.68 -0.19	45.39 1.83 0.00	33.44 1.35 0.00	29.99 1.21 0.00	27.78 1.09 0.00
ATHENS_STG_3 23677	31.18 0.43 -19.44	28.46 0.49 -14.77	26.76 0.50 -12.86	27.81 0.49 -13.96	26.89 0.52 -11.83	26.59 0.68 -6.53	28.83 0.64 -10.42	26.64 0.79 -3.88	27.64 0.72 -7.89	30.22 0.65 -12.41	30.92 0.63 -13.21	30.40 0.52 -15.85	29.73 0.53 -15.15	28.51 0.67 -10.31	29.70 0.53 -15.19	29.70 0.53 -15.25	28.18 0.76 -7.52	31.07 0.89 -7.87	33.40 1.24 -3.24	40.94 1.68 -0.19	45.39 1.83 0.00	33.44 1.35 0.00	29.99 1.21 0.00	27.78 1.09 0.00
AUBURN___LFGE 323710	13.52 -0.05 -2.26	14.85 -0.07 -1.72	14.82 -0.08 -1.50	14.86 -0.12 -1.62	15.79 -0.12 -1.38	19.99 -0.16 -0.76	18.90 -0.09 -1.21	22.36 -0.07 -0.45	19.89 -0.06 -0.92	18.55 -0.05 -1.44	18.58 -0.03 -1.54	15.82 -0.06 -1.84	15.74 -0.07 -1.76	18.63 -0.11 -1.20	15.65 -0.10 -1.77	15.60 -0.10 -1.77	20.62 -0.16 -0.88	23.02 -0.20 -0.92	28.98 -0.32 -0.38	38.90 -0.20 -0.02	43.47 -0.09 0.00	32.06 -0.03 0.00	28.67 -0.12 0.00	26.50 -0.19 0.00
BABYLON_RES_REC 323704	30.00 0.98 -17.71	27.70 1.04 -13.45	26.17 1.05 -11.72	26.95 0.88 -12.72	26.29 0.97 -10.78	26.52 1.18 -5.95	28.46 1.19 -9.49	27.22 1.71 -3.53	27.73 1.52 -7.19	29.68 1.22 -11.30	30.36 1.25 -12.04	29.56 1.08 -14.44	28.91 1.05 -13.81	28.25 1.32 -9.39	28.95 1.13 -13.84	29.02 1.20 -13.90	28.54 1.77 -6.86	35.44 2.03 -11.11	38.05 2.66 -6.47	43.61 3.59 -0.94	47.40 3.83 -0.01	37.10 2.79 -2.22	31.64 2.85 -0.01	29.06 2.37 0.00
BABYLON__69_KV_BK2 356345	30.13 1.11 -17.71	27.83 1.17 -13.45	26.30 1.18 -11.72	27.07 1.00 -12.72	26.42 1.10 -10.78	26.67 1.34 -5.95	28.62 1.35 -9.49	27.46 1.96 -3.53	27.92 1.71 -7.19	29.84 1.37 -11.30	30.51 1.40 -12.04	29.70 1.22 -14.44	29.05 1.19 -13.81	28.42 1.49 -9.39	29.09 1.27 -13.84	29.17 1.35 -13.90	28.78 2.01 -6.86	35.65 2.32 -11.03	38.38 3.07 -6.40	44.18 4.18 -0.92	48.01 4.44 -0.01	37.51 3.24 -2.18	31.99 3.19 -0.01	29.38 2.70 0.00
BALL_HILL_WT_PWR 323825	13.84 -0.56 -3.10	14.87 -0.69 -2.35	14.73 -0.72 -2.05	14.75 -0.83 -2.22	15.45 -0.97 -1.88	19.14 -1.28 -1.04	18.33 -1.10 -1.66	21.23 -1.36 -0.62	19.06 -1.22 -1.26	18.00 -1.13 -1.98	17.90 -1.28 -2.11	15.48 -1.08 -2.53	15.47 -1.00 -2.41	17.92 -1.26 -1.64	15.47 -0.94 -2.42	15.45 -0.90 -2.43	19.79 -1.31 -1.20	21.84 -1.72 -1.25	27.18 -2.26 -0.52	36.64 -2.46 -0.03	41.16 -2.40 0.00	30.74 -1.35 0.00	27.52 -1.27 0.00	25.70 -0.99 0.00
BARON_WINDS___WT_PWR 323822	14.61 -0.61 -3.91	15.43 -0.74 -2.97	15.21 -0.78 -2.59	15.34 -0.83 -2.81	15.97 -0.94 -2.38	19.46 -1.24 -1.31	18.79 -1.09 -2.10	21.39 -1.36 -0.78	19.32 -1.29 -1.59	18.47 -1.18 -2.50	18.47 -1.26 -2.66	16.16 -1.07 -3.19	16.10 -1.00 -3.05	18.37 -1.24 -2.07	16.09 -0.95 -3.06	16.07 -0.92 -3.07	20.10 -1.31 -1.51	22.37 -1.52 -1.58	27.75 -1.82 -0.65	37.39 -1.72 -0.04	41.95 -1.61 0.00	31.22 -0.86 0.00	27.95 -0.84 0.00	26.02 -0.67 0.00
BARRETT_IC_1 23704	29.87 0.85 -17.71	27.56 0.91 -13.45	26.04 0.91 -11.72	26.85 0.77 -12.72	26.16 0.84 -10.78	26.36 1.03 -5.95	28.32 1.05 -9.49	27.00 1.49 -3.53	27.54 1.33 -7.19	29.55 1.08 -11.30	30.22 1.11 -12.04	29.44 0.97 -14.44	28.79 0.94 -13.81	28.12 1.19 -9.39	28.81 0.99 -13.84	28.85 1.03 -13.90	28.26 1.49 -6.86	34.79 1.67 -10.82	37.27 2.14 -6.21	42.73 2.77 -0.88	46.53 2.96 -0.01	36.39 2.25 -2.06	31.24 2.45 -0.01	28.74 2.06 0.00
BARRETT_IC_10 23701	29.87 0.85 -17.71	27.56 0.91 -13.45	26.04 0.91 -11.72	26.85 0.77 -12.72	26.16 0.84 -10.78	26.36 1.03 -5.95	28.32 1.05 -9.49	27.00 1.49 -3.53	27.54 1.33 -7.19	29.55 1.08 -11.30	30.22 1.11 -12.04	29.44 0.97 -14.44	28.79 0.94 -13.81	28.12 1.19 -9.39	28.81 0.99 -13.84	28.85 1.03 -13.90	28.26 1.49 -6.86	34.79 1.67 -10.82	37.27 2.14 -6.21	42.73 2.77 -0.88	46.53 2.96 -0.01	36.39 2.25 -2.06	31.24 2.45 -0.01	28.74 2.06 0.00
BARRETT_IC_11 23702	29.87 0.85 -17.71	27.56 0.91 -13.45	26.04 0.91 -11.72	26.85 0.77 -12.72	26.16 0.84 -10.78	26.36 1.03 -5.95	28.32 1.05 -9.49	27.00 1.49 -3.53	27.54 1.33 -7.19	29.55 1.08 -11.30	30.22 1.11 -12.04	29.44 0.97 -14.44	28.79 0.94 -13.81	28.12 1.19 -9.39	28.81 0.99 -13.84	28.85 1.03 -13.90	28.26 1.49 -6.86	34.79 1.67 -10.82	37.27 2.14 -6.21	42.73 2.77 -0.88	46.53 2.96 -0.01	36.39 2.25 -2.06	31.24 2.45 -0.01	28.74 2.06 0.00
BARRETT_IC_12 23703	29.87 0.85 -17.71	27.56 0.91 -13.45	26.04 0.91 -11.72	26.85 0.77 -12.72	26.16 0.84 -10.78	26.36 1.03 -5.95	28.32 1.05 -9.49	27.00 1.49 -3.53	27.54 1.33 -7.19	29.55 1.08 -11.30	30.22 1.11 -12.04	29.44 0.97 -14.44	28.79 0.94 -13.81	28.12 1.19 -9.39	28.81 0.99 -13.84	28.85 1.03 -13.90	28.26 1.49 -6.86	34.79 1.67 -10.82	37.27 2.14 -6.21	42.73 2.77 -0.88	46.53 2.96 -0.01	36.39 2.25 -2.06	31.24 2.45 -0.01	28.74 2.06 0.00
BARRETT_IC_2 23705	29.87 0.85 -17.71	27.56 0.91 -13.45	26.04 0.91 -11.72	26.85 0.77 -12.72	26.16 0.84 -10.78	26.36 1.03 -5.95	28.32 1.05 -9.49	27.00 1.49 -3.53	27.54 1.33 -7.19	29.55 1.08 -11.30	30.22 1.11 -12.04	29.44 0.97 -14.44	28.79 0.94 -13.81	28.12 1.19 -9.39	28.81 0.99 -13.84	28.85 1.03 -13.90	28.26 1.49 -6.86	34.79 1.67 -10.82	37.27 2.14 -6.21	42.73 2.77 -0.88	46.53 2.96 -0.01	36.39 2.25 -2.06	31.24 2.45 -0.01	28.74 2.06 0.00
BARRETT_IC_3 23706	29.87 0.85 -17.71	27.56 0.91 -13.45	26.04 0.91 -11.72	26.85 0.77 -12.72	26.16 0.84 -10.78	26.36 1.03 -5.95	28.32 1.05 -9.49	27.00 1.49 -3.53	27.54 1.33 -7.19	29.55 1.08 -11.30	30.22 1.11 -12.04	29.44 0.97 -14.44	28.79 0.94 -13.81	28.12 1.19 -9.39	28.81 0.99 -13.84	28.85 1.03 -13.90	28.26 1.49 -6.86	34.79 1.67 -10.82	37.27 2.14 -6.21	42.73 2.77 -0.88	46.53 2.96 -0.01	36.39 2.25 -2.06	31.24 2.45 -0.01	28.74 2.06 0.00
BARRETT_IC_4 23707	29.87 0.85 -17.71	27.56 0.91 -13.45	26.04 0.91 -11.72	26.85 0.77 -12.72	26.16 0.84 -10.78	26.36 1.03 -5.95	28.32 1.05 -9.49	27.00 1.49 -3.53	27.54 1.33 -7.19	29.55 1.08 -11.30	30.22 1.11 -12.04	29.44 0.97 -14.44	28.79 0.94 -13.81	28.12 1.19 -9.39	28.81 0.99 -13.84	28.85 1.03 -13.90	28.26 1.49 -6.86	34.79 1.67 -10.82	37.27 2.14 -6.21	42.73 2.77 -0.88	46.53 2.96 -0.01	36.39 2.25 -2.06	31.24 2.45 -0.01	28.74 2.06 0.00

BARRETT_IC_5 23708	29.87 0.85 -17.71	27.56 0.91 -13.45	26.04 0.91 -11.72	26.85 0.77 -12.72	26.16 0.84 -10.78	26.36 1.03 -5.95	28.32 1.05 -9.49	27.00 1.49 -3.53	27.54 1.33 -7.19	29.55 1.08 -11.30	30.22 1.11 -12.04	29.44 0.97 -14.44	28.79 0.94 -13.81	28.12 1.19 -9.39	28.81 0.99 -13.84	28.85 1.03 -13.90	28.26 1.49 -6.86	34.79 1.67 -10.82	37.27 2.14 -6.21	42.73 2.77 -0.88	46.53 2.96 -0.01	36.39 2.25 -2.06	31.24 2.45 -0.01	28.74 2.06 0.00
BARRETT_IC_6 23709	29.87 0.85 -17.71	27.56 0.91 -13.45	26.04 0.91 -11.72	26.85 0.77 -12.72	26.16 0.84 -10.78	26.36 1.03 -5.95	28.32 1.05 -9.49	27.00 1.49 -3.53	27.54 1.33 -7.19	29.55 1.08 -11.30	30.22 1.11 -12.04	29.44 0.97 -14.44	28.79 0.94 -13.81	28.12 1.19 -9.39	28.81 0.99 -13.84	28.85 1.03 -13.90	28.26 1.49 -6.86	34.79 1.67 -10.82	37.27 2.14 -6.21	42.73 2.77 -0.88	46.53 2.96 -0.01	36.39 2.25 -2.06	31.24 2.45 -0.01	28.74 2.06 0.00
BARRETT_IC_7 23710	29.87 0.85 -17.71	27.56 0.91 -13.45	26.03 0.91 -11.72	26.85 0.77 -12.72	26.16 0.84 -10.78	26.36 1.03 -5.95	28.32 1.05 -9.49	27.00 1.49 -3.53	27.54 1.33 -7.19	29.54 1.08 -11.30	30.22 1.11 -12.04	29.44 0.97 -14.44	28.79 0.94 -13.81	28.12 1.19 -9.39	28.81 0.99 -13.84	28.85 1.03 -13.90	28.26 1.49 -6.86	34.79 1.67 -10.82	37.27 2.14 -6.21	42.73 2.77 -0.88	46.48 2.92 -0.01	36.39 2.25 -2.06	31.27 2.48 -0.01	28.74 2.05 0.00
BARRETT_IC_8 23711	29.87 0.85 -17.71	27.56 0.91 -13.45	26.04 0.91 -11.72	26.85 0.77 -12.72	26.16 0.84 -10.78	26.36 1.03 -5.95	28.32 1.05 -9.49	27.00 1.49 -3.53	27.54 1.33 -7.19	29.55 1.08 -11.30	30.22 1.11 -12.04	29.44 0.97 -14.44	28.79 0.94 -13.81	28.12 1.19 -9.39	28.81 0.99 -13.84	28.85 1.03 -13.90	28.26 1.49 -6.86	34.79 1.67 -10.82	37.27 2.14 -6.21	42.73 2.77 -0.88	46.53 2.96 -0.01	36.39 2.25 -2.06	31.24 2.45 -0.01	28.74 2.06 0.00
BARRETT_IC_9 23700	29.87 0.85 -17.71	27.56 0.91 -13.45	26.04 0.91 -11.72	26.85 0.77 -12.72	26.16 0.84 -10.78	26.36 1.03 -5.95	28.32 1.05 -9.49	27.00 1.49 -3.53	27.54 1.33 -7.19	29.55 1.08 -11.30	30.22 1.11 -12.04	29.44 0.97 -14.44	28.79 0.94 -13.81	28.12 1.19 -9.39	28.81 0.99 -13.84	28.85 1.03 -13.90	28.26 1.49 -6.86	34.79 1.67 -10.82	37.27 2.14 -6.21	42.73 2.77 -0.88	46.53 2.96 -0.01	36.39 2.25 -2.06	31.24 2.45 -0.01	28.74 2.06 0.00
BARRETT___1 23545	29.87 0.85 -17.71	27.56 0.91 -13.45	26.04 0.91 -11.72	26.85 0.77 -12.72	26.16 0.84 -10.78	26.36 1.03 -5.95	28.32 1.05 -9.49	27.00 1.49 -3.53	27.54 1.33 -7.19	29.55 1.08 -11.30	30.22 1.11 -12.04	29.44 0.97 -14.44	28.79 0.94 -13.81	28.12 1.19 -9.39	28.81 0.99 -13.84	28.85 1.03 -13.90	28.26 1.49 -6.86	34.79 1.67 -10.82	37.27 2.14 -6.21	42.73 2.77 -0.88	46.53 2.96 -0.01	36.39 2.25 -2.06	31.24 2.45 -0.01	28.74 2.06 0.00
BARRETT___2 23546	29.87 0.85 -17.71	27.56 0.91 -13.45	26.04 0.91 -11.72	26.85 0.77 -12.72	26.16 0.84 -10.78	26.36 1.03 -5.95	28.32 1.05 -9.49	27.00 1.49 -3.53	27.54 1.33 -7.19	29.55 1.08 -11.30	30.22 1.11 -12.04	29.44 0.97 -14.44	28.79 0.94 -13.81	28.12 1.19 -9.39	28.81 0.99 -13.84	28.85 1.03 -13.90	28.26 1.49 -6.86	34.79 1.67 -10.82	37.27 2.14 -6.21	42.73 2.77 -0.88	46.53 2.96 -0.01	36.39 2.25 -2.06	31.24 2.45 -0.01	28.74 2.06 0.00
BATAVIA__115KV_TB1 55881	13.43 -0.42 -2.54	14.60 -0.53 -1.93	14.52 -0.56 -1.68	14.54 -0.64 -1.82	15.30 -0.78 -1.55	19.23 -1.01 -0.85	18.23 -0.91 -1.36	21.38 -1.10 -0.51	19.01 -1.05 -1.03	17.79 -1.00 -1.62	17.69 -1.11 -1.73	15.17 -0.94 -2.07	15.11 -0.91 -1.98	17.76 -1.12 -1.35	15.13 -0.84 -1.98	15.12 -0.79 -1.99	19.77 -1.11 -0.98	21.90 -1.43 -1.03	27.52 -1.82 -0.42	36.76 -2.34 -0.02	41.51 -2.05 0.00	30.81 -1.28 0.00	27.54 -1.24 0.00	25.62 -1.07 0.00
BAYONEEC___CTG1 323682	29.76 0.75 -17.71	27.51 0.86 -13.45	25.98 0.86 -11.72	26.83 0.76 -12.71	26.14 0.83 -10.78	26.38 1.05 -5.95	28.28 1.01 -9.49	26.82 1.32 -3.53	27.45 1.24 -7.18	29.59 1.13 -11.30	30.17 1.06 -12.04	29.37 0.90 -14.44	28.76 0.91 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.71 0.90 -13.89	28.07 1.31 -6.85	31.01 1.54 -7.17	33.93 2.05 -2.95	41.98 2.73 -0.17	46.48 2.92 0.00	34.24 2.15 0.00	30.77 1.98 0.00	28.45 1.76 0.00
BAYONEEC___CTG10 323750	29.76 0.75 -17.71	27.51 0.86 -13.45	25.98 0.86 -11.72	26.83 0.76 -12.71	26.14 0.83 -10.78	26.38 1.05 -5.95	28.28 1.01 -9.49	26.82 1.32 -3.53	27.45 1.24 -7.18	29.59 1.13 -11.30	30.17 1.06 -12.04	29.37 0.90 -14.44	28.76 0.91 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.71 0.90 -13.89	28.07 1.31 -6.85	31.01 1.54 -7.17	33.93 2.05 -2.95	41.98 2.73 -0.17	46.48 2.92 0.00	34.24 2.15 0.00	30.77 1.98 0.00	28.45 1.76 0.00
BAYONEEC___CTG2 323683	29.76 0.75 -17.71	27.51 0.86 -13.45	25.98 0.86 -11.72	26.83 0.76 -12.71	26.14 0.83 -10.78	26.38 1.05 -5.95	28.28 1.01 -9.49	26.82 1.32 -3.53	27.45 1.24 -7.18	29.59 1.13 -11.30	30.17 1.06 -12.04	29.37 0.90 -14.44	28.76 0.91 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.71 0.90 -13.89	28.07 1.31 -6.85	31.01 1.54 -7.17	33.93 2.05 -2.95	41.98 2.73 -0.17	46.48 2.92 0.00	34.24 2.15 0.00	30.77 1.98 0.00	28.45 1.76 0.00
BAYONEEC___CTG3 323684	29.76 0.75 -17.71	27.51 0.86 -13.45	25.98 0.86 -11.72	26.83 0.76 -12.71	26.14 0.83 -10.78	26.38 1.05 -5.95	28.28 1.01 -9.49	26.82 1.32 -3.53	27.45 1.24 -7.18	29.59 1.13 -11.30	30.17 1.06 -12.04	29.37 0.90 -14.44	28.76 0.91 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.71 0.90 -13.89	28.07 1.31 -6.85	31.01 1.54 -7.17	33.93 2.05 -2.95	41.98 2.73 -0.17	46.48 2.92 0.00	34.24 2.15 0.00	30.77 1.98 0.00	28.45 1.76 0.00
BAYONEEC___CTG4 323685	29.76 0.75 -17.71	27.51 0.86 -13.45	25.98 0.86 -11.72	26.83 0.76 -12.71	26.14 0.83 -10.78	26.38 1.05 -5.95	28.28 1.01 -9.49	26.82 1.32 -3.53	27.45 1.24 -7.18	29.59 1.13 -11.30	30.17 1.06 -12.04	29.37 0.90 -14.44	28.76 0.91 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.71 0.90 -13.89	28.07 1.31 -6.85	31.01 1.54 -7.17	33.93 2.05 -2.95	41.98 2.73 -0.17	46.48 2.92 0.00	34.24 2.15 0.00	30.77 1.98 0.00	28.45 1.76 0.00
BAYONEEC___CTG5 323686	29.76 0.75 -17.71	27.51 0.86 -13.45	25.98 0.86 -11.72	26.83 0.76 -12.71	26.14 0.83 -10.78	26.38 1.05 -5.95	28.28 1.01 -9.49	26.82 1.32 -3.53	27.45 1.24 -7.18	29.59 1.13 -11.30	30.17 1.06 -12.04	29.37 0.90 -14.44	28.76 0.91 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.71 0.90 -13.89	28.07 1.31 -6.85	31.01 1.54 -7.17	33.93 2.05 -2.95	41.98 2.73 -0.17	46.48 2.92 0.00	34.24 2.15 0.00	30.77 1.98 0.00	28.45 1.76 0.00
BAYONEEC___CTG6 323687	29.76 0.75 -17.71	27.51 0.86 -13.45	25.98 0.86 -11.72	26.83 0.76 -12.71	26.14 0.83 -10.78	26.38 1.05 -5.95	28.28 1.01 -9.49	26.82 1.32 -3.53	27.45 1.24 -7.18	29.59 1.13 -11.30	30.17 1.06 -12.04	29.37 0.90 -14.44	28.76 0.91 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.71 0.90 -13.89	28.07 1.31 -6.85	31.01 1.54 -7.17	33.93 2.05 -2.95	41.98 2.73 -0.17	46.48 2.92 0.00	34.24 2.15 0.00	30.77 1.98 0.00	28.45 1.76 0.00

BAYONEEC___CTG7 323688	29.76 0.75 -17.71	27.51 0.86 -13.45	25.98 0.86 -11.72	26.83 0.76 -12.71	26.14 0.83 -10.78	26.38 1.05 -5.95	28.28 1.01 -9.49	26.82 1.32 -3.53	27.45 1.24 -7.18	29.59 1.13 -11.30	30.17 1.06 -12.04	29.37 0.90 -14.44	28.76 0.91 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.71 0.90 -13.89	28.07 1.31 -6.85	31.01 1.54 -7.17	33.93 2.05 -2.95	41.98 2.73 -0.17	46.48 2.92 0.00	34.24 2.15 0.00	30.77 1.98 0.00	28.45 1.76 0.00
BAYONEEC___CTG8 323689	29.76 0.75 -17.71	27.51 0.86 -13.45	25.98 0.86 -11.72	26.83 0.76 -12.71	26.14 0.83 -10.78	26.38 1.05 -5.95	28.28 1.01 -9.49	26.82 1.32 -3.53	27.45 1.24 -7.18	29.59 1.13 -11.30	30.17 1.06 -12.04	29.37 0.90 -14.44	28.76 0.91 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.71 0.90 -13.89	28.07 1.31 -6.85	31.01 1.54 -7.17	33.93 2.05 -2.95	41.98 2.73 -0.17	46.48 2.92 0.00	34.24 2.15 0.00	30.77 1.98 0.00	28.45 1.76 0.00
BAYONEEC___CTG9 323749	29.76 0.75 -17.71	27.51 0.86 -13.45	25.98 0.86 -11.72	26.83 0.76 -12.71	26.14 0.83 -10.78	26.38 1.05 -5.95	28.28 1.01 -9.49	26.82 1.32 -3.53	27.45 1.24 -7.18	29.59 1.13 -11.30	30.17 1.06 -12.04	29.37 0.90 -14.44	28.76 0.91 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.71 0.90 -13.89	28.07 1.31 -6.85	31.01 1.54 -7.17	33.93 2.05 -2.95	41.98 2.73 -0.17	46.48 2.92 0.00	34.24 2.15 0.00	30.77 1.98 0.00	28.45 1.76 0.00
BEACON___LESR 323632	33.24 0.38 -21.55	30.00 0.43 -16.37	28.12 0.46 -14.26	29.27 0.44 -15.47	28.13 0.48 -13.11	27.26 0.64 -7.24	29.91 0.59 -11.55	27.04 0.77 -4.30	28.47 0.70 -8.74	31.56 0.65 -13.75	32.39 0.67 -14.65	32.12 0.52 -17.57	31.36 0.52 -16.79	29.59 0.63 -11.43	31.33 0.52 -16.84	31.33 0.52 -16.90	28.95 0.72 -8.34	31.90 0.87 -8.72	33.75 1.24 -3.59	40.96 1.68 -0.21	45.39 1.83 0.00	33.50 1.41 0.00	29.99 1.21 0.00	27.83 1.15 0.00
BEAVER RIVER___HYD 24048	11.73 -0.28 -0.71	13.41 -0.33 -0.54	13.54 -0.33 -0.47	13.53 -0.33 -0.51	14.66 -0.31 -0.43	19.23 -0.39 -0.24	17.73 -0.43 -0.38	21.61 -0.50 -0.14	18.78 -0.53 -0.29	17.06 -0.55 -0.45	16.99 -0.56 -0.48	14.14 -0.48 -0.58	14.07 -0.53 -0.55	17.23 -0.68 -0.38	13.98 -0.56 -0.55	13.89 -0.58 -0.56	19.42 -0.76 -0.27	21.81 -0.78 -0.29	28.49 -0.55 -0.12	38.57 -0.51 -0.01	43.08 -0.48 0.00	31.58 -0.51 0.00	28.18 -0.61 0.00	26.05 -0.64 0.00
BEEBEE_GT_13 23619	13.21 -0.27 -2.17	14.50 -0.36 -1.65	14.47 -0.38 -1.44	14.49 -0.43 -1.56	15.33 -0.52 -1.32	19.44 -0.68 -0.73	18.34 -0.60 -1.17	21.70 -0.70 -0.43	19.26 -0.65 -0.88	17.96 -0.58 -1.39	17.90 -0.65 -1.48	15.28 -0.53 -1.77	15.21 -0.53 -1.70	18.06 -0.63 -1.15	15.19 -0.49 -1.70	15.17 -0.46 -1.71	20.05 -0.70 -0.84	22.27 -0.91 -0.88	28.01 -1.27 -0.36	37.34 -1.76 -0.02	41.99 -1.57 0.00	31.03 -1.06 0.00	27.80 -0.98 0.00	25.81 -0.88 0.00
BENSHRST_27_KV_BENSHRST_1 355998	29.91 0.88 -17.72	27.69 1.03 -13.46	26.15 1.02 -11.72	27.00 0.92 -12.72	26.30 0.99 -10.78	26.57 1.24 -5.95	28.49 1.23 -9.49	27.11 1.60 -3.53	27.72 1.50 -7.19	29.81 1.34 -11.31	30.38 1.26 -12.05	29.55 1.07 -14.45	28.95 1.10 -13.81	28.30 1.37 -9.40	28.92 1.09 -13.84	28.90 1.09 -13.90	28.33 1.57 -6.86	31.31 1.83 -7.18	34.31 2.43 -2.96	42.53 3.28 -0.18	47.00 3.44 0.00	34.66 2.57 -0.01	31.15 2.36 -0.01	28.86 2.16 -0.01
BETHLEHEM___GRP 23843	33.11 0.24 -21.57	29.86 0.28 -16.38	27.96 0.28 -14.27	29.11 0.27 -15.49	27.95 0.29 -13.13	27.04 0.41 -7.25	29.69 0.36 -11.56	26.76 0.48 -4.30	28.23 0.46 -8.75	31.32 0.39 -13.77	32.13 0.39 -14.66	31.94 0.32 -17.58	31.18 0.32 -16.81	29.38 0.40 -11.44	31.16 0.32 -16.85	31.16 0.32 -16.92	28.70 0.46 -8.34	31.59 0.56 -8.73	33.33 0.81 -3.59	40.30 1.02 -0.21	44.65 1.09 0.00	32.96 0.87 0.00	29.56 0.78 0.00	27.46 0.77 0.00
BETHLEHEM___GS1 323560	33.11 0.24 -21.57	29.86 0.28 -16.38	27.96 0.28 -14.27	29.11 0.27 -15.49	27.95 0.29 -13.13	27.04 0.41 -7.25	29.69 0.36 -11.56	26.76 0.48 -4.30	28.23 0.46 -8.75	31.32 0.39 -13.77	32.13 0.39 -14.66	31.94 0.32 -17.58	31.18 0.32 -16.81	29.38 0.40 -11.44	31.16 0.32 -16.85	31.16 0.32 -16.92	28.71 0.46 -8.34	31.59 0.56 -8.73	33.32 0.81 -3.59	40.30 1.01 -0.21	44.65 1.09 0.00	32.99 0.90 0.00	29.56 0.78 0.00	27.46 0.77 0.00
BETHLEHEM___GS2 323561	33.11 0.24 -21.57	29.86 0.28 -16.38	27.96 0.28 -14.27	29.11 0.27 -15.49	27.95 0.29 -13.13	27.04 0.41 -7.25	29.69 0.36 -11.56	26.76 0.48 -4.30	28.23 0.46 -8.75	31.32 0.39 -13.77	32.13 0.39 -14.66	31.94 0.32 -17.58	31.18 0.32 -16.81	29.38 0.40 -11.44	31.16 0.32 -16.85	31.16 0.32 -16.92	28.71 0.46 -8.34	31.59 0.56 -8.73	33.32 0.81 -3.59	40.30 1.01 -0.21	44.65 1.09 0.00	32.99 0.90 0.00	29.56 0.78 0.00	27.46 0.77 0.00
BETHLEHEM___GS3 323562	33.11 0.24 -21.57	29.86 0.28 -16.38	27.96 0.28 -14.27	29.11 0.27 -15.49	27.95 0.29 -13.13	27.04 0.41 -7.25	29.69 0.36 -11.56	26.76 0.48 -4.30	28.23 0.46 -8.75	31.32 0.39 -13.77	32.13 0.39 -14.66	31.94 0.32 -17.58	31.18 0.32 -16.81	29.38 0.40 -11.44	31.16 0.32 -16.85	31.16 0.32 -16.92	28.71 0.46 -8.34	31.59 0.56 -8.73	33.32 0.81 -3.59	40.30 1.01 -0.21	44.65 1.09 0.00	32.99 0.90 0.00	29.56 0.78 0.00	27.46 0.77 0.00
BETHLEHEM___STEEL 23779	13.57 -0.68 -2.95	14.61 -0.83 -2.24	14.48 -0.87 -1.95	14.50 -0.97 -2.11	15.16 -1.16 -1.79	18.88 -1.49 -0.99	18.04 -1.32 -1.58	20.93 -1.63 -0.59	18.78 -1.45 -1.19	17.72 -1.32 -1.88	17.61 -1.47 -2.00	15.23 -1.21 -2.40	15.22 -1.12 -2.30	17.68 -1.42 -1.56	15.23 -1.05 -2.30	15.23 -1.00 -2.31	19.61 -1.43 -1.14	21.65 -1.85 -1.19	26.95 -2.46 -0.49	36.13 -2.97 -0.03	40.64 -2.92 0.00	30.39 -1.70 0.00	27.20 -1.58 0.00	25.38 -1.31 0.00
BETHLHEM_115KV_TB1 79974	33.13 0.26 -21.56	29.87 0.29 -16.38	27.98 0.31 -14.26	29.13 0.29 -15.48	27.97 0.32 -13.12	27.07 0.45 -7.24	29.72 0.39 -11.55	26.80 0.53 -4.30	28.25 0.48 -8.75	31.35 0.43 -13.76	32.16 0.43 -14.66	31.95 0.34 -17.58	31.19 0.34 -16.80	29.39 0.42 -11.44	31.18 0.35 -16.85	31.18 0.35 -16.91	28.74 0.50 -8.34	31.63 0.60 -8.73	33.38 0.87 -3.59	40.38 1.09 -0.21	44.73 1.18 0.00	33.02 0.93 0.00	29.59 0.81 0.00	27.49 0.80 0.00
BETHPAGE_CC_5 323564	29.97 0.95 -17.71	27.67 1.02 -13.45	26.14 1.02 -11.72	26.94 0.87 -12.72	26.26 0.94 -10.78	26.50 1.16 -5.95	28.44 1.17 -9.49	27.17 1.67 -3.53	27.70 1.49 -7.19	29.68 1.22 -11.30	30.36 1.25 -12.04	29.57 1.10 -14.44	28.92 1.07 -13.81	28.26 1.33 -9.39	28.95 1.13 -13.84	29.01 1.18 -13.90	28.50 1.73 -6.86	35.59 1.94 -11.35	38.09 2.49 -6.68	43.42 3.36 -0.98	47.14 3.57 -0.01	37.08 2.63 -2.36	31.50 2.70 -0.01	28.95 2.27 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	13.58 -0.71 -2.99	14.60 -0.87 -2.27	14.47 -0.91 -1.98	14.49 -1.02 -2.15	15.16 -1.19 -1.82	18.86 -1.53 -1.00	18.03 -1.35 -1.60	20.88 -1.69 -0.60	18.74 -1.50 -1.21	17.71 -1.36 -1.91	17.60 -1.50 -2.03	15.24 -1.24 -2.44	15.23 -1.15 -2.33	17.67 -1.46 -1.59	15.23 -1.09 -2.34	15.23 -1.03 -2.34	19.57 -1.49 -1.16	21.62 -1.90 -1.21	26.90 -2.52 -0.50	36.17 -2.93 -0.03	40.73 -2.83 0.00	30.42 -1.67 0.00	27.23 -1.55 0.00	25.41 -1.28 0.00

BINGHAMTON___COGEN 23790	16.97 -0.02 -5.69	17.47 -0.05 -4.32	17.10 -0.07 -3.77	17.36 -0.08 -4.09	17.90 -0.10 -3.46	21.14 -0.16 -1.91	20.72 -0.11 -3.05	23.02 -0.09 -1.13	21.26 -0.08 -2.31	20.72 -0.07 -3.63	20.84 -0.10 -3.87	18.58 -0.10 -4.64	18.40 -0.08 -4.44	20.43 -0.12 -3.02	18.33 -0.10 -4.45	18.29 -0.10 -4.46	21.95 -0.16 -2.20	24.38 -0.22 -2.30	29.55 -0.32 -0.95	39.01 -0.12 -0.05	43.51 -0.04 0.00	32.15 0.06 0.00	28.81 0.03 0.00	26.69 0.00 0.00
BIXINCNT_115KV_LOAD 355685	13.37 -1.13 -3.20	14.26 -1.37 -2.43	14.11 -1.41 -2.12	14.17 -1.48 -2.30	14.78 -1.70 -1.95	18.36 -2.09 -1.07	17.59 -1.90 -1.71	20.30 -2.31 -0.64	18.33 -2.00 -1.30	17.36 -1.84 -2.04	17.30 -1.95 -2.17	15.07 -1.57 -2.61	14.99 -1.55 -2.49	17.30 -1.93 -1.70	15.01 -1.47 -2.50	15.04 -1.39 -2.51	19.19 -1.95 -1.24	21.30 -2.30 -1.29	26.53 -2.92 -0.53	35.98 -3.13 -0.03	40.64 -2.92 0.00	30.39 -1.70 0.00	27.23 -1.55 0.00	25.43 -1.25 0.00
BLACK RIVER___HYD 24047	12.10 -0.16 -0.96	13.74 -0.18 -0.73	13.84 -0.20 -0.63	13.83 -0.21 -0.69	14.96 -0.16 -0.58	19.49 -0.21 -0.32	18.06 -0.23 -0.51	21.92 -0.24 -0.19	19.09 -0.32 -0.39	17.36 -0.41 -0.61	17.32 -0.41 -0.65	14.45 -0.37 -0.78	14.34 -0.45 -0.75	17.47 -0.58 -0.51	14.24 -0.49 -0.75	14.14 -0.53 -0.75	19.64 -0.64 -0.37	22.02 -0.67 -0.39	28.79 -0.29 -0.16	39.12 0.04 -0.01	43.78 0.22 0.00	32.03 -0.06 0.00	28.55 -0.23 0.00	26.34 -0.35 0.00
BLACKRVR_115KV_TB2 79977	12.10 -0.16 -0.96	13.74 -0.18 -0.73	13.84 -0.20 -0.63	13.83 -0.21 -0.69	14.96 -0.16 -0.58	19.49 -0.21 -0.32	18.06 -0.23 -0.51	21.92 -0.24 -0.19	19.09 -0.32 -0.39	17.36 -0.41 -0.61	17.32 -0.41 -0.65	14.45 -0.36 -0.78	14.35 -0.45 -0.75	17.47 -0.58 -0.51	14.24 -0.49 -0.75	14.14 -0.53 -0.75	19.64 -0.64 -0.37	22.02 -0.67 -0.39	28.79 -0.29 -0.16	39.12 0.04 -0.01	43.77 0.22 0.00	32.03 -0.06 0.00	28.55 -0.23 0.00	26.34 -0.35 0.00
BLISS_WT_PWR 323608	13.25 -1.26 -3.20	14.10 -1.53 -2.43	13.97 -1.55 -2.12	14.02 -1.63 -2.30	14.61 -1.87 -1.95	18.19 -2.27 -1.07	17.43 -2.06 -1.71	20.08 -2.53 -0.64	18.15 -2.17 -1.30	17.23 -1.97 -2.04	17.16 -2.08 -2.17	14.96 -1.68 -2.61	14.87 -1.67 -2.49	17.16 -2.07 -1.70	14.91 -1.57 -2.50	14.92 -1.50 -2.51	19.05 -2.09 -1.24	21.19 -2.41 -1.29	26.42 -3.04 -0.53	35.86 -3.24 -0.03	40.46 -3.09 0.00	30.29 -1.80 0.00	27.17 -1.61 0.00	25.38 -1.31 0.00
BLUESTONE___WT_PWR 323821	17.65 0.23 -6.12	18.10 0.25 -4.65	17.70 0.24 -4.05	17.96 0.21 -4.39	18.52 0.26 -3.73	21.79 0.35 -2.06	21.39 0.34 -3.28	23.74 0.55 -1.22	22.00 0.49 -2.48	21.46 0.39 -3.91	21.61 0.38 -4.16	19.32 0.30 -4.99	19.06 0.24 -4.77	21.05 0.26 -3.25	18.96 0.20 -4.78	18.85 0.13 -4.80	22.53 0.26 -2.37	25.03 0.72 -2.48	30.66 0.25 -1.02	40.54 1.40 -0.06	45.25 1.70 0.00	33.31 1.22 0.00	29.79 1.01 0.00	27.57 0.88 0.00
BLUE_CIRC_CHEM_DRP 24182	32.92 0.33 -21.28	29.75 0.38 -16.16	27.89 0.40 -14.08	29.02 0.39 -15.28	27.91 0.42 -12.95	27.12 0.58 -7.15	29.68 0.50 -11.40	26.85 0.64 -4.24	28.21 0.55 -8.63	31.24 0.50 -13.58	32.04 0.50 -14.47	31.77 0.38 -17.35	31.02 0.38 -16.59	29.30 0.47 -11.29	31.00 0.39 -16.63	31.00 0.39 -16.69	28.69 0.56 -8.23	31.59 0.67 -8.62	33.45 0.98 -3.55	40.65 1.37 -0.20	45.08 1.52 0.00	33.28 1.19 0.00	29.82 1.04 0.00	27.68 0.99 0.00
BOC_GAS_DRP 24189	33.12 0.31 -21.51	29.90 0.36 -16.34	28.00 0.36 -14.23	29.16 0.36 -15.44	28.00 0.38 -13.09	27.14 0.52 -7.23	29.77 0.46 -11.53	26.85 0.59 -4.29	28.29 0.53 -8.73	31.37 0.48 -13.73	32.16 0.46 -14.62	31.95 0.38 -17.54	31.21 0.39 -16.77	29.44 0.49 -11.41	31.18 0.39 -16.81	31.18 0.39 -16.87	28.78 0.56 -8.32	31.66 0.65 -8.71	33.43 0.93 -3.58	40.53 1.25 -0.20	44.91 1.35 0.00	33.12 1.03 0.00	29.70 0.92 0.00	27.54 0.85 0.00
BOONVILLE_115KV_TB1 79983	11.97 0.03 -0.63	13.72 0.04 -0.48	13.85 0.03 -0.42	13.84 0.03 -0.45	14.98 0.06 -0.38	19.69 0.10 -0.21	18.19 0.07 -0.34	22.25 0.15 -0.13	19.38 0.10 -0.26	17.61 0.05 -0.40	17.54 0.03 -0.43	14.56 0.01 -0.51	14.53 -0.01 -0.49	17.84 -0.04 -0.33	14.43 -0.04 -0.49	14.33 -0.08 -0.50	20.09 -0.06 -0.24	22.51 -0.04 -0.26	29.26 0.23 -0.11	39.55 0.47 -0.01	44.17 0.61 0.00	32.41 0.32 0.00	28.98 0.20 0.00	26.82 0.13 0.00
BORALEX_4TH_BRANCH 23824	33.47 0.72 -21.45	30.32 0.83 -16.29	28.42 0.83 -14.19	29.54 0.79 -15.40	28.44 0.86 -13.05	27.83 1.24 -7.21	30.44 1.17 -11.49	27.74 1.49 -4.28	29.06 1.33 -8.70	32.05 1.20 -13.69	32.83 1.18 -14.58	32.49 0.97 -17.48	31.75 0.98 -16.71	30.14 1.23 -11.37	31.72 0.98 -16.76	31.73 0.99 -16.82	29.61 1.41 -8.30	32.61 1.63 -8.68	34.72 2.23 -3.57	42.33 3.05 -0.20	46.91 3.35 0.00	34.56 2.47 0.00	30.97 2.19 0.00	28.66 1.97 0.00
BOWLINE___1 23526	29.13 0.63 -17.19	26.98 0.73 -13.06	25.50 0.72 -11.37	26.36 0.67 -12.34	25.71 0.71 -10.46	26.05 0.89 -5.78	27.86 0.87 -9.21	26.52 1.12 -3.43	27.05 1.05 -6.97	29.07 0.94 -10.97	29.66 0.90 -11.68	28.81 0.76 -14.01	28.22 0.77 -13.40	27.62 0.96 -9.12	28.18 0.77 -13.43	28.18 0.78 -13.48	27.67 1.11 -6.65	30.56 1.29 -6.96	33.55 1.76 -2.86	41.62 2.38 -0.16	46.13 2.57 0.00	33.98 1.89 0.00	30.48 1.70 0.00	28.21 1.52 0.00
BOWLINE___2 23595	29.13 0.63 -17.19	26.98 0.73 -13.06	25.50 0.72 -11.37	26.37 0.67 -12.34	25.71 0.71 -10.46	26.05 0.89 -5.78	27.86 0.87 -9.21	26.52 1.12 -3.43	27.05 1.05 -6.97	29.07 0.94 -10.97	29.66 0.90 -11.69	28.82 0.77 -14.01	28.22 0.77 -13.40	27.62 0.96 -9.12	28.18 0.77 -13.43	28.18 0.78 -13.48	27.67 1.11 -6.65	30.56 1.29 -6.96	33.55 1.76 -2.86	41.62 2.38 -0.16	46.13 2.57 0.00	33.98 1.89 0.00	30.48 1.70 0.00	28.21 1.52 0.00
BRADY___115KV_TB2 356060	11.10 -0.20 0.00	13.02 -0.18 0.00	13.24 -0.16 0.00	13.25 -0.11 0.00	14.43 -0.10 0.00	19.29 -0.10 0.00	17.58 -0.20 0.00	21.60 -0.37 0.00	18.57 -0.46 0.00	16.73 -0.43 0.00	16.70 -0.38 0.00	13.74 -0.29 0.00	13.72 -0.32 0.00	17.15 -0.39 0.00	13.66 -0.32 0.00	13.63 -0.29 0.00	19.50 -0.40 0.00	21.97 -0.33 0.00	28.81 -0.12 0.00	38.92 -0.16 0.00	43.34 -0.22 0.00	31.70 -0.39 0.00	28.47 -0.32 0.00	26.45 -0.24 0.00
BRANSCOMB___SOLAR 323811	33.93 0.60 -22.02	30.61 0.69 -16.73	28.68 0.71 -14.57	29.85 0.68 -15.81	28.68 0.74 -13.40	27.77 0.99 -7.40	30.50 0.92 -11.80	27.57 1.21 -4.39	29.02 1.06 -8.93	32.19 0.98 -14.05	33.07 1.02 -14.97	32.77 0.79 -17.95	31.98 0.77 -17.16	30.15 0.93 -11.68	31.96 0.77 -17.21	31.97 0.78 -17.27	29.50 1.07 -8.52	32.51 1.29 -8.91	34.41 1.82 -3.67	41.90 2.62 -0.21	46.43 2.87 0.00	34.21 2.12 0.00	30.60 1.81 0.00	28.32 1.63 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	30.09 1.07 -17.71	27.79 1.14 -13.45	26.28 1.15 -11.72	27.03 0.96 -12.72	26.39 1.08 -10.78	26.63 1.30 -5.95	28.58 1.32 -9.49	27.44 1.93 -3.53	27.89 1.67 -7.19	29.80 1.34 -11.30	30.46 1.35 -12.04	29.66 1.18 -14.44	29.01 1.15 -13.81	28.37 1.44 -9.39	29.07 1.24 -13.84	29.14 1.32 -13.90	28.73 1.97 -6.86	35.38 2.27 -10.80	38.13 3.01 -6.20	44.02 4.06 -0.88	47.83 4.27 -0.01	37.25 3.11 -2.05	31.90 3.11 -0.01	29.30 2.62 0.00

BRISTLHL_115KV_TB1 79998	12.57 -0.16 -1.43	14.09 -0.20 -1.08	14.13 -0.21 -0.94	14.15 -0.23 -1.03	15.16 -0.25 -0.87	19.53 -0.33 -0.48	18.28 -0.27 -0.77	21.95 -0.31 -0.28	19.34 -0.27 -0.58	17.83 -0.24 -0.91	17.82 -0.22 -0.97	15.00 -0.20 -1.16	14.96 -0.20 -1.11	18.03 -0.26 -0.76	14.87 -0.22 -1.12	14.80 -0.24 -1.12	20.10 -0.36 -0.55	22.44 -0.45 -0.58	28.44 -0.72 -0.24	38.19 -0.90 -0.01	42.64 -0.91 0.00	31.45 -0.64 0.00	28.18 -0.60 0.00	26.10 -0.59 0.00
BROOKHAVEN___DRP 24191	30.08 1.06 -17.71	27.75 1.10 -13.45	26.25 1.13 -11.72	26.99 0.92 -12.72	26.34 1.03 -10.78	26.56 1.22 -5.95	28.55 1.28 -9.49	27.37 1.87 -3.53	27.83 1.62 -7.19	29.67 1.20 -11.30	30.33 1.21 -12.04	29.54 1.07 -14.44	28.88 1.03 -13.81	28.23 1.30 -9.39	29.01 1.19 -13.84	29.10 1.28 -13.90	28.67 1.91 -6.86	35.25 2.21 -10.74	37.98 2.92 -6.14	43.93 3.99 -0.87	47.75 4.18 -0.01	37.03 2.92 -2.02	31.70 2.91 -0.01	29.28 2.59 0.00
BROOKLYN_NAVY_YARD 23515	29.76 0.75 -17.71	27.51 0.86 -13.45	25.97 0.84 -11.72	26.83 0.76 -12.71	26.12 0.81 -10.78	26.38 1.05 -5.95	28.30 1.03 -9.49	26.84 1.34 -3.53	27.47 1.26 -7.18	29.61 1.15 -11.30	30.17 1.06 -12.04	29.37 0.90 -14.44	28.76 0.91 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.71 0.90 -13.89	28.07 1.31 -6.85	31.01 1.54 -7.17	33.96 2.08 -2.95	41.98 2.73 -0.17	46.48 2.92 0.00	34.27 2.18 0.00	30.77 1.98 0.00	28.45 1.76 0.00
BROOKLYN___ARMY_DRP 323595	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.04 1.54 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.82 3.27 0.00	34.57 2.47 -0.01	31.03 2.24 -0.01	28.78 2.08 -0.01
BROOKVLE_69_KV_TB1 55790	29.91 0.89 -17.71	27.63 0.98 -13.45	26.10 0.98 -11.72	26.93 0.85 -12.72	26.24 0.93 -10.78	26.50 1.16 -5.95	28.41 1.14 -9.49	27.09 1.58 -3.53	27.64 1.43 -7.19	29.68 1.22 -11.30	30.34 1.23 -12.04	29.54 1.07 -14.44	28.91 1.05 -13.81	28.25 1.32 -9.39	28.91 1.09 -13.84	28.94 1.11 -13.91	28.38 1.61 -6.87	37.16 1.83 -13.03	39.54 2.43 -8.19	43.63 3.24 -1.31	47.06 3.48 -0.01	37.99 2.60 -3.31	31.33 2.53 -0.01	28.85 2.16 0.00
BROOME_2_LFGE 323671	16.97 -0.02 -5.69	17.47 -0.05 -4.32	17.10 -0.07 -3.77	17.36 -0.08 -4.09	17.90 -0.10 -3.46	21.14 -0.16 -1.91	20.72 -0.11 -3.05	23.02 -0.09 -1.13	21.26 -0.08 -2.31	20.72 -0.07 -3.63	20.84 -0.10 -3.87	18.58 -0.10 -4.64	18.40 -0.08 -4.44	20.43 -0.12 -3.02	18.33 -0.10 -4.45	18.29 -0.10 -4.46	21.94 -0.16 -2.20	24.38 -0.22 -2.30	29.55 -0.32 -0.95	39.01 -0.12 -0.05	43.51 -0.04 0.00	32.15 0.06 0.00	28.81 0.03 0.00	26.69 0.00 0.00
BROOME___LFGE 323600	16.97 -0.02 -5.69	17.47 -0.05 -4.32	17.10 -0.07 -3.77	17.36 -0.08 -4.09	17.90 -0.10 -3.46	21.14 -0.16 -1.91	20.72 -0.11 -3.05	23.02 -0.09 -1.13	21.26 -0.08 -2.31	20.72 -0.07 -3.63	20.84 -0.10 -3.87	18.58 -0.10 -4.64	18.40 -0.08 -4.44	20.43 -0.12 -3.02	18.33 -0.10 -4.45	18.29 -0.10 -4.46	21.94 -0.16 -2.20	24.38 -0.22 -2.30	29.55 -0.32 -0.95	39.01 -0.12 -0.05	43.51 -0.04 0.00	32.15 0.06 0.00	28.81 0.03 0.00	26.69 0.00 0.00
BROWNFLS_115KV_TB_3_5 80003	11.36 -0.45 -0.51	13.08 -0.50 -0.39	13.23 -0.51 -0.34	13.25 -0.47 -0.36	14.38 -0.47 -0.31	18.95 -0.60 -0.17	17.37 -0.68 -0.27	21.19 -0.88 -0.10	18.38 -0.86 -0.21	16.66 -0.82 -0.32	16.63 -0.79 -0.35	13.80 -0.65 -0.41	13.74 -0.70 -0.40	16.93 -0.88 -0.27	13.67 -0.71 -0.40	13.60 -0.72 -0.40	19.14 -0.96 -0.20	21.51 -1.00 -0.21	28.08 -0.93 -0.08	37.95 -1.13 0.00	42.34 -1.22 0.00	30.97 -1.12 0.00	27.72 -1.06 0.00	25.67 -1.01 0.00
BROWNSV1_27_KV_LOAD 356125	29.84 0.83 -17.71	27.60 0.95 -13.45	26.06 0.94 -11.72	26.92 0.85 -12.71	26.23 0.92 -10.78	26.50 1.16 -5.95	28.40 1.14 -9.49	26.98 1.47 -3.53	27.58 1.37 -7.18	29.71 1.25 -11.30	30.29 1.18 -12.04	29.47 1.00 -14.44	28.86 1.01 -13.80	28.19 1.26 -9.39	28.82 1.01 -13.84	28.81 1.00 -13.89	28.21 1.45 -6.85	31.17 1.70 -7.17	34.13 2.26 -2.95	42.29 3.05 -0.17	46.82 3.27 0.00	34.50 2.41 0.00	30.97 2.19 0.00	28.64 1.95 0.00
BURROWS___LYONSDAL 23803	11.91 -0.05 -0.65	13.64 -0.05 -0.49	13.76 -0.07 -0.43	13.75 -0.07 -0.46	14.90 -0.03 -0.39	19.56 -0.04 -0.22	18.07 -0.05 -0.35	22.08 -0.02 -0.13	19.23 -0.06 -0.26	17.47 -0.10 -0.41	17.41 -0.10 -0.44	14.45 -0.11 -0.53	14.41 -0.14 -0.50	17.67 -0.21 -0.34	14.32 -0.17 -0.51	14.22 -0.21 -0.51	19.91 -0.24 -0.25	22.32 -0.25 -0.26	29.06 0.03 -0.11	39.32 0.23 -0.01	43.86 0.30 0.00	32.19 0.10 0.00	28.78 0.00 0.00	26.63 -0.05 0.00
CAITHNESS_CC_1 323624	30.06 1.04 -17.71	27.72 1.07 -13.45	26.22 1.10 -11.72	26.97 0.89 -12.72	26.33 1.02 -10.78	26.52 1.18 -5.95	28.51 1.24 -9.49	27.33 1.82 -3.53	27.81 1.60 -7.19	29.66 1.20 -11.30	30.33 1.21 -12.04	29.53 1.05 -14.44	28.88 1.02 -13.81	28.23 1.30 -9.39	28.98 1.16 -13.84	29.07 1.25 -13.90	28.63 1.87 -6.86	35.21 2.16 -10.74	37.93 2.86 -6.14	43.81 3.87 -0.87	47.66 4.09 -0.01	36.99 2.89 -2.01	31.67 2.88 -0.01	29.22 2.54 0.00
CALPINE BETH_PAGE_GT4 24209	29.97 0.95 -17.71	27.67 1.02 -13.45	26.14 1.02 -11.72	26.94 0.87 -12.72	26.26 0.94 -10.78	26.50 1.16 -5.95	28.44 1.17 -9.49	27.17 1.67 -3.53	27.70 1.48 -7.19	29.68 1.22 -11.30	30.36 1.25 -12.04	29.56 1.08 -14.44	28.92 1.07 -13.81	28.26 1.33 -9.39	28.94 1.12 -13.84	28.99 1.17 -13.90	28.48 1.71 -6.86	35.80 1.87 -11.62	38.25 2.40 -6.93	43.36 3.24 -1.04	47.01 3.44 -0.01	37.14 2.54 -2.51	31.41 2.62 -0.01	28.88 2.19 0.00
CALPINE_BETH_PAGE_GT_4 323586	29.97 0.95 -17.71	27.67 1.02 -13.45	26.14 1.02 -11.72	26.94 0.87 -12.72	26.26 0.94 -10.78	26.50 1.16 -5.95	28.44 1.17 -9.49	27.17 1.67 -3.53	27.70 1.49 -7.19	29.68 1.22 -11.30	30.36 1.25 -12.04	29.56 1.08 -14.44	28.92 1.07 -13.81	28.26 1.33 -9.39	28.94 1.12 -13.84	28.99 1.17 -13.90	28.48 1.71 -6.86	35.80 1.87 -11.62	38.25 2.40 -6.93	43.35 3.24 -1.04	47.01 3.44 -0.01	37.13 2.53 -2.51	31.41 2.62 -0.01	28.88 2.19 0.00
CALPINE_BP_GT1 23823	29.97 0.95 -17.71	27.67 1.02 -13.45	26.14 1.02 -11.72	26.94 0.87 -12.72	26.26 0.94 -10.78	26.50 1.16 -5.95	28.44 1.17 -9.49	27.17 1.67 -3.53	27.70 1.49 -7.19	29.68 1.22 -11.30	30.36 1.25 -12.04	29.56 1.08 -14.44	28.92 1.07 -13.81	28.26 1.33 -9.39	28.94 1.12 -13.84	28.99 1.17 -13.90	28.48 1.71 -6.86	35.80 1.87 -11.62	38.25 2.40 -6.93	43.35 3.24 -1.04	47.01 3.44 -0.01	37.13 2.53 -2.51	31.41 2.62 -0.01	28.88 2.19 0.00
CALSPAN___DRP 24200	13.57 -0.68 -2.95	14.61 -0.83 -2.24	14.48 -0.87 -1.95	14.50 -0.97 -2.11	15.16 -1.16 -1.79	18.88 -1.49 -0.99	18.04 -1.32 -1.58	20.93 -1.63 -0.59	18.78 -1.45 -1.19	17.72 -1.32 -1.88	17.61 -1.47 -2.00	15.23 -1.21 -2.40	15.22 -1.12 -2.30	17.68 -1.42 -1.56	15.23 -1.05 -2.30	15.23 -1.00 -2.31	19.61 -1.43 -1.14	21.65 -1.85 -1.19	26.95 -2.46 -0.49	36.13 -2.97 -0.03	40.64 -2.92 0.00	30.39 -1.70 0.00	27.20 -1.58 0.00	25.38 -1.31 0.00

CALVERTON___SOLAR 323806	30.10 1.09 -17.71	27.78 1.12 -13.45	26.28 1.15 -11.72	27.01 0.93 -12.72	26.37 1.06 -10.78	26.59 1.26 -5.95	28.57 1.30 -9.49	27.41 1.91 -3.53	27.87 1.65 -7.19	29.66 1.20 -11.30	30.33 1.21 -12.04	29.53 1.05 -14.44	28.88 1.02 -13.81	28.21 1.28 -9.39	29.01 1.19 -13.84	29.10 1.28 -13.90	28.69 1.93 -6.86	35.28 2.23 -10.74	38.04 2.98 -6.14	44.04 4.10 -0.87	47.88 4.31 -0.01	37.09 2.98 -2.02	31.73 2.94 -0.01	29.33 2.64 0.00
CANDIGU_WT_PWR 323617	14.61 -0.61 -3.91	15.43 -0.74 -2.97	15.21 -0.78 -2.59	15.34 -0.83 -2.81	15.97 -0.94 -2.38	19.46 -1.24 -1.31	18.79 -1.09 -2.10	21.39 -1.36 -0.78	19.32 -1.29 -1.59	18.47 -1.18 -2.50	18.47 -1.26 -2.66	16.16 -1.07 -3.19	16.10 -1.00 -3.05	18.37 -1.24 -2.07	16.09 -0.95 -3.06	16.07 -0.92 -3.07	20.10 -1.31 -1.51	22.37 -1.52 -1.58	27.75 -1.82 -0.65	37.39 -1.72 -0.04	41.95 -1.61 0.00	31.22 -0.86 0.00	27.95 -0.84 0.00	26.02 -0.67 0.00
CARR STREET_E_SYR 24060	12.83 -0.10 -1.63	14.29 -0.14 -1.24	14.34 -0.15 -1.08	14.35 -0.17 -1.17	15.34 -0.19 -0.99	19.68 -0.25 -0.55	18.44 -0.21 -0.87	22.08 -0.22 -0.33	19.52 -0.17 -0.66	18.05 -0.15 -1.04	18.03 -0.15 -1.11	15.22 -0.14 -1.33	15.18 -0.14 -1.27	18.23 -0.18 -0.87	15.10 -0.15 -1.27	15.05 -0.15 -1.28	20.30 -0.24 -0.63	22.63 -0.33 -0.66	28.61 -0.58 -0.27	38.43 -0.66 -0.02	42.90 -0.65 0.00	31.64 -0.45 0.00	28.35 -0.43 0.00	26.26 -0.43 0.00
CARTHAGE___PAPER 23857	11.92 -0.25 -0.86	13.55 -0.30 -0.65	13.67 -0.31 -0.57	13.67 -0.31 -0.62	14.78 -0.28 -0.52	19.32 -0.35 -0.29	17.86 -0.37 -0.46	21.70 -0.44 -0.17	18.88 -0.49 -0.35	17.16 -0.55 -0.55	17.10 -0.56 -0.59	14.25 -0.49 -0.70	14.16 -0.56 -0.67	17.27 -0.72 -0.46	14.07 -0.59 -0.67	13.98 -0.61 -0.68	19.48 -0.76 -0.33	21.89 -0.76 -0.35	28.60 -0.46 -0.14	38.81 -0.27 -0.01	43.34 -0.22 0.00	31.74 -0.35 0.00	28.29 -0.49 0.00	26.13 -0.56 0.00
CASSADAGA_WT_PWR 323784	13.93 -0.55 -3.18	14.97 -0.65 -2.41	14.83 -0.67 -2.10	14.86 -0.77 -2.28	15.54 -0.93 -1.93	19.25 -1.20 -1.07	18.43 -1.05 -1.70	21.26 -1.34 -0.63	19.04 -1.27 -1.29	17.86 -1.32 -2.03	17.70 -1.54 -2.16	15.30 -1.32 -2.59	15.27 -1.25 -2.47	17.59 -1.63 -1.68	15.23 -1.23 -2.48	15.20 -1.21 -2.49	19.42 -1.71 -1.23	21.40 -2.18 -1.29	26.67 -2.78 -0.53	36.17 -2.93 -0.03	40.68 -2.88 0.00	30.45 -1.64 0.00	27.26 -1.53 0.00	25.46 -1.23 0.00
CE_DUNWOOD___DRP 24194	29.67 0.69 -17.67	27.41 0.79 -13.42	25.89 0.79 -11.69	26.76 0.72 -12.69	26.06 0.77 -10.75	26.31 0.99 -5.94	28.21 0.96 -9.47	26.73 1.23 -3.52	27.34 1.14 -7.17	29.47 1.03 -11.28	30.08 0.99 -12.01	29.27 0.83 -14.41	28.66 0.84 -13.77	27.96 1.05 -9.37	28.64 0.85 -13.81	28.63 0.85 -13.86	27.97 1.23 -6.84	30.91 1.45 -7.15	33.80 1.94 -2.94	41.86 2.62 -0.17	46.39 2.83 0.00	34.18 2.09 0.00	30.65 1.87 0.00	28.34 1.65 0.00
CE_MILLWOOD___DRP 24193	29.58 0.67 -17.60	27.35 0.78 -13.37	25.81 0.76 -11.65	26.70 0.71 -12.64	26.00 0.76 -10.71	26.25 0.95 -5.91	28.13 0.92 -9.43	26.69 1.21 -3.51	27.29 1.12 -7.14	29.39 1.00 -11.23	30.00 0.96 -11.97	29.20 0.81 -14.35	28.60 0.83 -13.72	27.91 1.03 -9.34	28.56 0.82 -13.75	28.55 0.82 -13.81	27.91 1.19 -6.81	30.84 1.41 -7.13	33.73 1.88 -2.93	41.78 2.54 -0.17	46.30 2.74 0.00	34.11 2.02 0.00	30.60 1.81 0.00	28.32 1.63 0.00
CE_NYC2_DRP 24202	29.78 0.77 -17.71	27.54 0.88 -13.45	26.01 0.88 -11.72	26.86 0.79 -12.71	26.17 0.86 -10.78	26.40 1.07 -5.95	28.32 1.05 -9.49	26.89 1.38 -3.53	27.50 1.29 -7.18	29.63 1.17 -11.30	30.21 1.09 -12.04	29.40 0.93 -14.44	28.81 0.96 -13.80	28.12 1.19 -9.39	28.77 0.95 -13.84	28.76 0.95 -13.89	28.13 1.37 -6.85	31.06 1.58 -7.17	33.98 2.11 -2.95	42.06 2.81 -0.17	46.56 3.01 0.00	34.30 2.21 0.00	30.83 2.04 0.00	28.58 1.89 0.00
CE_NYC_DRP 24195	29.78 0.77 -17.71	27.53 0.88 -13.45	26.00 0.88 -11.72	26.87 0.80 -12.71	26.17 0.86 -10.78	26.42 1.09 -5.95	28.33 1.07 -9.49	26.87 1.36 -3.53	27.48 1.27 -7.18	29.63 1.17 -11.30	30.22 1.11 -12.04	29.40 0.93 -14.44	28.79 0.94 -13.80	28.10 1.17 -9.39	28.75 0.94 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.06 1.58 -7.17	33.98 2.11 -2.95	42.06 2.81 -0.17	46.56 3.01 0.00	34.34 2.25 0.00	30.83 2.04 0.00	28.53 1.84 0.00
CHAFFEE___LFGE 323603	13.87 -0.82 -3.39	14.78 -0.99 -2.57	14.61 -1.03 -2.24	14.68 -1.11 -2.43	15.33 -1.26 -2.06	18.83 -1.69 -1.14	18.10 -1.49 -1.81	20.82 -1.82 -0.68	18.80 -1.60 -1.37	17.83 -1.49 -2.16	17.75 -1.62 -2.30	15.45 -1.35 -2.76	15.41 -1.28 -2.64	17.70 -1.63 -1.80	15.38 -1.24 -2.65	15.35 -1.23 -2.66	19.46 -1.75 -1.31	21.47 -2.21 -1.37	26.59 -2.89 -0.56	36.49 -2.62 -0.03	40.90 -2.66 0.00	30.52 -1.57 0.00	27.28 -1.50 0.00	25.41 -1.28 0.00
CHATEAUG_35_KV_LOAD 355732	10.81 -0.50 0.00	12.73 -0.48 0.00	13.03 -0.38 0.00	13.13 -0.23 0.00	14.36 -0.17 0.00	19.21 -0.17 0.00	17.53 -0.25 0.00	21.45 -0.53 0.00	18.36 -0.67 0.00	16.51 -0.65 0.00	16.49 -0.58 0.00	13.60 -0.44 0.00	13.58 -0.46 0.00	16.97 -0.56 0.00	13.56 -0.42 0.00	13.53 -0.39 0.00	19.39 -0.52 0.00	21.86 -0.45 0.00	28.52 -0.40 0.00	38.22 -0.86 0.00	42.47 -1.09 0.00	31.06 -1.03 0.00	28.00 -0.78 0.00	26.15 -0.53 0.00
CHATEAUG_WT_PWR 323614	10.82 -0.49 0.00	12.74 -0.46 0.00	13.04 -0.36 0.00	13.14 -0.21 0.00	14.36 -0.17 0.00	19.21 -0.17 0.00	17.53 -0.25 0.00	21.47 -0.50 0.00	18.40 -0.63 0.00	16.52 -0.63 0.00	16.51 -0.56 0.00	13.63 -0.41 0.00	13.61 -0.44 0.00	17.01 -0.53 0.00	13.58 -0.41 0.00	13.55 -0.38 0.00	19.41 -0.50 0.00	21.88 -0.42 0.00	28.52 -0.40 0.00	38.18 -0.90 0.00	42.42 -1.13 0.00	31.06 -1.03 0.00	28.01 -0.78 0.00	26.13 -0.56 0.00
CHAT_HIGH_FALL_HYD 323578	10.81 -0.50 0.00	12.73 -0.48 0.00	13.03 -0.38 0.00	13.13 -0.23 0.00	14.36 -0.17 0.00	19.21 -0.17 0.00	17.53 -0.25 0.00	21.45 -0.53 0.00	18.36 -0.67 0.00	16.51 -0.65 0.00	16.49 -0.58 0.00	13.60 -0.44 0.00	13.58 -0.46 0.00	16.97 -0.56 0.00	13.56 -0.42 0.00	13.53 -0.39 0.00	19.39 -0.52 0.00	21.86 -0.45 0.00	28.52 -0.40 0.00	38.22 -0.86 0.00	42.47 -1.09 0.00	31.06 -1.03 0.00	28.00 -0.78 0.00	26.15 -0.53 0.00
CHAUTAUQUA___LFGE 323629	13.88 -0.53 -3.11	14.93 -0.63 -2.36	14.79 -0.67 -2.05	14.81 -0.77 -2.23	15.49 -0.93 -1.89	19.22 -1.20 -1.04	18.41 -1.03 -1.66	21.32 -1.27 -0.62	19.13 -1.16 -1.26	18.03 -1.12 -1.98	17.92 -1.26 -2.11	15.50 -1.07 -2.53	15.48 -0.98 -2.42	17.92 -1.26 -1.65	15.47 -0.94 -2.43	15.45 -0.90 -2.44	19.81 -1.29 -1.20	21.84 -1.72 -1.26	27.21 -2.23 -0.52	36.72 -2.38 -0.03	41.29 -2.27 0.00	30.84 -1.25 0.00	27.63 -1.15 0.00	25.81 -0.88 0.00
CHERRYST_13_KV_LD 356241	29.81 0.79 -17.71	27.57 0.92 -13.45	26.03 0.91 -11.72	26.90 0.83 -12.71	26.20 0.89 -10.78	26.46 1.12 -5.95	28.37 1.10 -9.49	26.93 1.43 -3.53	27.54 1.33 -7.18	29.68 1.22 -11.30	30.26 1.14 -12.04	29.43 0.95 -14.44	28.83 0.98 -13.80	28.14 1.21 -9.39	28.78 0.96 -13.84	28.78 0.97 -13.89	28.17 1.41 -6.85	31.12 1.65 -7.17	34.07 2.20 -2.95	42.18 2.93 -0.17	46.69 3.14 0.00	34.40 2.31 0.00	30.88 2.10 0.00	28.58 1.89 0.00

CHESTROR_138KV_BK263 355645	28.32 0.54 -16.47	26.33 0.62 -12.51	24.92 0.62 -10.90	25.75 0.57 -11.82	25.17 0.61 -10.02	25.69 0.78 -5.53	27.35 0.75 -8.83	26.22 0.97 -3.28	26.58 0.88 -6.68	28.46 0.79 -10.51	29.04 0.77 -11.20	28.09 0.63 -13.43	27.53 0.65 -12.84	27.08 0.81 -8.74	27.49 0.64 -12.87	27.48 0.64 -12.92	27.19 0.92 -6.37	30.06 1.09 -6.67	33.17 1.50 -2.74	41.30 2.07 -0.16	45.78 2.22 0.00	33.73 1.64 0.00	30.25 1.47 0.00	28.02 1.33 0.00
CH_MIDHUDSON___DRP 24192	29.93 0.63 -17.99	27.60 0.74 -13.66	26.04 0.74 -11.90	26.95 0.68 -12.92	26.22 0.74 -10.95	26.38 0.95 -6.04	28.32 0.91 -9.64	26.70 1.14 -3.59	27.37 1.05 -7.30	29.58 0.94 -11.48	30.22 0.92 -12.23	29.46 0.76 -14.67	28.84 0.77 -14.02	28.04 0.96 -9.54	28.81 0.77 -14.06	28.79 0.77 -14.11	27.98 1.11 -6.96	30.90 1.32 -7.28	33.74 1.82 -3.00	41.75 2.50 -0.17	46.26 2.70 0.00	34.08 1.99 0.00	30.60 1.81 0.00	28.32 1.63 0.00
CH_MISC_IPPS 23765	29.65 0.66 -17.69	27.42 0.78 -13.44	25.87 0.76 -11.70	26.78 0.72 -12.70	26.07 0.77 -10.77	26.30 0.97 -5.94	28.20 0.94 -9.48	26.69 1.19 -3.53	27.27 1.06 -7.18	29.41 0.96 -11.29	30.06 0.96 -12.03	29.24 0.79 -14.42	28.62 0.79 -13.79	27.90 0.98 -9.38	28.59 0.78 -13.82	28.57 0.78 -13.87	27.86 1.11 -6.84	30.83 1.36 -7.16	33.78 1.91 -2.95	41.90 2.66 -0.17	46.43 2.87 0.00	34.17 2.08 0.00	30.68 1.90 0.00	28.40 1.71 0.00
CH_RES_BVR_FALLS 23983	10.95 -0.35 0.00	12.82 -0.38 0.00	13.04 -0.36 0.00	13.02 -0.33 0.00	14.19 -0.35 0.00	18.94 -0.45 0.00	17.33 -0.44 0.00	21.38 -0.59 0.00	18.46 -0.57 0.00	16.65 -0.51 0.00	16.60 -0.48 0.00	13.66 -0.38 0.00	13.65 -0.39 0.00	17.06 -0.47 0.00	13.62 -0.36 0.00	13.59 -0.33 0.00	19.43 -0.48 0.00	21.83 -0.47 0.00	28.40 -0.52 0.00	38.29 -0.78 0.00	42.64 -0.92 0.00	31.32 -0.77 0.00	28.12 -0.66 0.00	26.10 -0.59 0.00
CH_RES_NIAGARA 23895	13.31 -0.71 -2.72	14.38 -0.88 -2.07	14.28 -0.92 -1.80	14.28 -1.03 -1.95	14.93 -1.26 -1.66	18.59 -1.71 -0.91	17.72 -1.51 -1.46	20.67 -1.85 -0.54	18.49 -1.64 -1.10	17.44 -1.46 -1.74	17.30 -1.62 -1.85	14.91 -1.35 -2.22	14.92 -1.25 -2.12	17.42 -1.56 -1.44	14.92 -1.19 -2.13	14.91 -1.14 -2.13	19.32 -1.63 -1.05	21.31 -2.10 -1.10	26.51 -2.86 -0.45	35.12 -3.99 -0.03	39.46 -4.09 0.00	29.49 -2.60 0.00	26.45 -2.33 0.00	24.74 -1.95 0.00
CH_RES_SYRACUSE 23985	13.07 -0.06 -1.82	14.50 -0.08 -1.38	14.51 -0.09 -1.20	14.54 -0.12 -1.31	15.52 -0.12 -1.11	19.84 -0.16 -0.61	18.63 -0.12 -0.97	22.23 -0.11 -0.36	19.69 -0.08 -0.74	18.25 -0.07 -1.16	18.26 -0.05 -1.24	15.45 -0.07 -1.48	15.41 -0.06 -1.42	18.41 -0.09 -0.96	15.31 -0.10 -1.42	15.25 -0.10 -1.43	20.45 -0.16 -0.70	22.82 -0.22 -0.74	28.79 -0.43 -0.30	38.63 -0.47 -0.02	43.12 -0.44 0.00	31.80 -0.29 0.00	28.49 -0.29 0.00	26.39 -0.29 0.00
CLINTON_WT_PWR 323605	10.82 -0.49 0.00	12.74 -0.46 0.00	13.04 -0.36 0.00	13.14 -0.21 0.00	14.36 -0.17 0.00	19.21 -0.17 0.00	17.53 -0.25 0.00	21.47 -0.50 0.00	18.40 -0.63 0.00	16.52 -0.63 0.00	16.51 -0.56 0.00	13.63 -0.41 0.00	13.61 -0.44 0.00	17.01 -0.53 0.00	13.58 -0.41 0.00	13.55 -0.38 0.00	19.41 -0.50 0.00	21.88 -0.42 0.00	28.52 -0.40 0.00	38.18 -0.90 0.00	42.42 -1.13 0.00	31.06 -1.03 0.00	28.01 -0.78 0.00	26.13 -0.56 0.00
CLINTON___LFGE 323618	10.91 -0.40 0.00	12.86 -0.34 0.00	13.16 -0.24 0.00	13.26 -0.09 0.00	14.49 -0.04 0.00	19.38 0.00 0.00	17.69 -0.09 0.00	21.64 -0.33 0.00	18.51 -0.51 0.00	16.66 -0.50 0.00	16.66 -0.41 0.00	13.76 -0.28 0.00	13.73 -0.32 0.00	17.17 -0.37 0.00	13.70 -0.28 0.00	13.67 -0.25 0.00	19.60 -0.30 0.00	22.10 -0.20 0.00	28.89 -0.03 0.00	38.65 -0.43 0.00	42.99 -0.57 0.00	31.38 -0.71 0.00	28.29 -0.49 0.00	26.39 -0.29 0.00
COBBLENY_34_KV_TB1 80064	13.87 -0.83 -3.39	14.78 -0.99 -2.57	14.61 -1.03 -2.24	14.68 -1.11 -2.43	15.33 -1.26 -2.06	18.83 -1.69 -1.14	18.10 -1.49 -1.81	20.82 -1.82 -0.68	18.80 -1.60 -1.37	17.83 -1.49 -2.16	17.75 -1.62 -2.30	15.45 -1.35 -2.76	15.40 -1.29 -2.64	17.70 -1.63 -1.80	15.38 -1.24 -2.65	15.35 -1.23 -2.66	19.46 -1.75 -1.31	21.47 -2.21 -1.37	26.59 -2.89 -0.56	36.41 -2.70 -0.03	40.90 -2.66 0.00	30.52 -1.57 0.00	27.29 -1.50 0.00	25.41 -1.28 0.00
COFFEEN___115KV_TB3 355620	12.18 -0.10 -0.98	13.81 -0.13 -0.74	13.90 -0.15 -0.65	13.90 -0.16 -0.70	15.03 -0.10 -0.59	19.59 -0.12 -0.33	18.16 -0.14 -0.52	22.01 -0.15 -0.19	19.17 -0.25 -0.40	17.42 -0.36 -0.62	17.36 -0.38 -0.66	14.49 -0.34 -0.79	14.39 -0.42 -0.76	17.49 -0.56 -0.52	14.28 -0.46 -0.76	14.18 -0.50 -0.76	19.68 -0.60 -0.38	22.10 -0.60 -0.39	28.91 -0.17 -0.16	39.36 0.27 -0.01	44.04 0.48 0.00	32.22 0.13 0.00	28.70 -0.09 0.00	26.45 -0.24 0.00
COLDSPRG_115KV_BK1 355956	14.09 -0.50 -3.28	15.09 -0.61 -2.49	14.95 -0.63 -2.17	14.98 -0.73 -2.36	15.66 -0.87 -2.00	19.36 -1.12 -1.10	18.56 -0.98 -1.76	21.40 -1.23 -0.65	19.22 -1.14 -1.33	18.12 -1.13 -2.10	18.01 -1.30 -2.23	15.62 -1.09 -2.68	15.57 -1.04 -2.56	17.95 -1.33 -1.74	15.56 -0.99 -2.57	15.52 -0.97 -2.58	19.80 -1.37 -1.27	21.83 -1.81 -1.33	27.15 -2.31 -0.55	36.96 -2.15 -0.03	41.60 -1.96 0.00	31.09 -0.99 0.00	27.80 -0.98 0.00	25.94 -0.75 0.00
COLONIE_LFGE___ 323577	33.61 0.52 -21.78	30.35 0.61 -16.54	28.43 0.62 -14.41	29.58 0.59 -15.64	28.43 0.64 -13.25	27.59 0.89 -7.32	30.28 0.84 -11.67	27.37 1.05 -4.34	28.81 0.95 -8.83	31.93 0.87 -13.90	32.75 0.87 -14.80	32.49 0.70 -17.76	31.72 0.70 -16.97	29.95 0.86 -11.55	31.70 0.70 -17.02	31.70 0.70 -17.08	29.32 0.99 -8.43	32.28 1.16 -8.82	34.17 1.62 -3.63	41.51 2.23 -0.21	45.99 2.44 0.00	33.92 1.83 0.00	30.36 1.58 0.00	28.13 1.44 0.00
COOPERNY_115KV_TB1 80082	25.11 0.40 -13.41	23.85 0.46 -10.19	22.73 0.46 -8.87	23.41 0.43 -9.63	23.15 0.45 -8.16	24.45 0.56 -4.51	25.52 0.55 -7.19	25.35 0.70 -2.67	25.13 0.67 -5.44	26.30 0.58 -8.56	26.75 0.56 -9.12	25.45 0.48 -10.93	24.98 0.48 -10.45	25.25 0.60 -7.11	24.94 0.48 -10.48	24.90 0.46 -10.52	25.77 0.68 -5.19	28.51 0.78 -5.43	32.23 1.07 -2.23	40.69 1.48 -0.13	45.17 1.61 0.00	33.28 1.19 0.00	29.85 1.06 0.00	27.65 0.96 0.00
COPENHAGEN_WT_PWR 323753	12.15 -0.16 -1.01	13.77 -0.20 -0.76	13.85 -0.21 -0.67	13.86 -0.21 -0.72	14.97 -0.17 -0.61	19.49 -0.23 -0.34	18.08 -0.23 -0.54	21.91 -0.26 -0.20	19.11 -0.32 -0.41	17.41 -0.39 -0.64	17.35 -0.41 -0.68	14.49 -0.37 -0.82	14.40 -0.44 -0.78	17.51 -0.56 -0.53	14.31 -0.46 -0.79	14.21 -0.50 -0.79	19.67 -0.62 -0.39	22.06 -0.65 -0.41	28.74 -0.35 -0.17	39.01 -0.08 -0.01	43.64 0.09 0.00	31.96 -0.13 0.00	28.49 -0.29 0.00	26.31 -0.37 0.00
CORNELL_____ 23752	15.39 0.12 -3.96	16.33 0.12 -3.01	16.13 0.11 -2.62	16.28 0.08 -2.84	17.04 0.10 -2.41	20.85 0.14 -1.33	20.08 0.18 -2.12	23.03 0.26 -0.79	20.84 0.21 -1.61	19.84 0.15 -2.53	19.90 0.14 -2.69	17.33 0.07 -3.23	17.19 0.06 -3.09	19.67 0.04 -2.10	17.09 0.01 -3.09	17.03 0.00 -3.10	21.45 0.02 -1.53	23.95 0.04 -1.60	29.70 0.12 -0.66	39.66 0.55 -0.04	44.34 0.78 0.00	32.67 0.58 0.00	29.21 0.43 0.00	27.01 0.32 0.00

CORONA__69_KV_TB1 355595	29.93 0.92 -17.71	27.64 0.99 -13.45	26.12 0.99 -11.72	26.93 0.85 -12.72	26.24 0.93 -10.78	26.48 1.14 -5.95	28.41 1.14 -9.49	27.11 1.60 -3.53	27.64 1.43 -7.19	29.67 1.20 -11.30	30.34 1.23 -12.04	29.54 1.07 -14.44	28.89 1.04 -13.81	28.23 1.30 -9.39	28.91 1.09 -13.84	28.94 1.11 -13.91	28.38 1.61 -6.87	37.69 1.81 -13.58	39.97 2.37 -8.67	43.66 3.17 -1.42	46.97 3.40 -0.02	38.24 2.54 -3.61	31.45 2.65 -0.02	28.90 2.22 0.00
CORTLAND__115KV_TB3 80093	14.58 0.07 -3.21	15.69 0.05 -2.44	15.57 0.04 -2.12	15.69 0.03 -2.30	16.52 0.03 -1.95	20.50 0.04 -1.08	19.57 0.07 -1.72	22.74 0.13 -0.64	20.44 0.11 -1.30	19.29 0.09 -2.05	19.32 0.07 -2.18	16.68 0.03 -2.62	16.58 0.03 -2.50	19.24 0.00 -1.70	16.49 0.00 -2.51	16.42 -0.01 -2.52	21.12 -0.02 -1.24	23.56 -0.04 -1.30	29.43 -0.03 -0.53	39.34 0.23 -0.03	43.90 0.35 0.00	32.38 0.29 0.00	28.98 0.20 0.00	26.82 0.13 0.00
COXSACKIE__GT 23611	32.33 0.41 -20.62	29.35 0.49 -15.66	27.54 0.50 -13.64	28.62 0.47 -14.80	27.60 0.52 -12.55	26.99 0.68 -6.93	29.46 0.64 -11.05	26.85 0.77 -4.11	27.96 0.57 -8.36	30.83 0.51 -13.16	31.62 0.53 -14.01	31.21 0.36 -16.81	30.45 0.34 -16.07	28.87 0.40 -10.93	30.42 0.34 -16.11	30.42 0.33 -16.17	28.36 0.48 -7.98	31.41 0.76 -8.35	33.77 1.42 -3.44	41.93 2.66 -0.20	46.56 3.00 0.00	34.27 2.18 0.00	30.65 1.87 0.00	28.48 1.79 0.00
CPV_VALLEY__CC1 323721	27.13 0.45 -15.38	25.41 0.53 -11.68	24.10 0.52 -10.17	24.87 0.48 -11.04	24.41 0.52 -9.36	25.19 0.64 -5.17	26.64 0.62 -8.24	25.85 0.81 -3.07	26.03 0.76 -6.24	27.66 0.69 -9.81	28.17 0.65 -10.45	27.12 0.55 -12.53	26.58 0.55 -11.98	26.39 0.70 -8.15	26.55 0.56 -12.01	26.54 0.56 -12.06	26.65 0.80 -5.95	29.46 0.94 -6.22	32.75 1.27 -2.56	40.98 1.76 -0.15	45.43 1.87 0.00	33.47 1.38 0.00	30.02 1.24 0.00	27.81 1.12 0.00
CPV_VALLEY__CC2 323722	27.13 0.45 -15.38	25.41 0.53 -11.68	24.10 0.52 -10.17	24.87 0.48 -11.04	24.41 0.52 -9.36	25.19 0.64 -5.17	26.64 0.62 -8.24	25.85 0.81 -3.07	26.03 0.76 -6.24	27.66 0.69 -9.81	28.17 0.65 -10.45	27.12 0.55 -12.53	26.58 0.55 -11.98	26.39 0.70 -8.15	26.55 0.56 -12.01	26.54 0.56 -12.06	26.65 0.80 -5.95	29.46 0.94 -6.22	32.75 1.27 -2.56	40.98 1.76 -0.15	45.43 1.87 0.00	33.47 1.38 0.00	30.02 1.24 0.00	27.81 1.12 0.00
CRESCENT__HYD 24018	33.61 0.52 -21.78	30.35 0.61 -16.54	28.43 0.62 -14.41	29.58 0.59 -15.64	28.43 0.64 -13.25	27.59 0.89 -7.32	30.28 0.84 -11.67	27.37 1.05 -4.34	28.81 0.95 -8.83	31.93 0.87 -13.90	32.75 0.87 -14.80	32.49 0.70 -17.76	31.72 0.70 -16.97	29.95 0.86 -11.55	31.70 0.70 -17.02	31.70 0.70 -17.08	29.32 0.99 -8.43	32.28 1.16 -8.82	34.17 1.62 -3.63	41.51 2.23 -0.21	45.99 2.44 0.00	33.92 1.83 0.00	30.36 1.58 0.00	28.13 1.44 0.00
CRICKET__VALLEY_CC1 323756	30.48 0.58 -18.60	28.01 0.69 -14.13	26.39 0.68 -12.31	27.34 0.63 -13.35	26.54 0.68 -11.32	26.54 0.91 -6.25	28.62 0.87 -9.97	26.78 1.10 -3.71	27.58 1.01 -7.55	29.94 0.91 -11.87	30.59 0.87 -12.64	29.93 0.73 -15.16	29.29 0.74 -14.50	28.35 0.95 -9.87	29.27 0.75 -14.53	29.26 0.75 -14.59	28.19 1.09 -7.20	31.08 1.25 -7.53	33.73 1.71 -3.10	41.56 2.30 -0.18	46.04 2.48 0.00	33.92 1.83 0.00	30.48 1.70 0.00	28.26 1.57 0.00
CRICKET__VALLEY_CC2 323757	30.48 0.58 -18.60	28.01 0.69 -14.13	26.39 0.68 -12.31	27.34 0.63 -13.35	26.54 0.68 -11.32	26.54 0.91 -6.25	28.62 0.87 -9.97	26.78 1.10 -3.71	27.58 1.01 -7.55	29.94 0.91 -11.87	30.59 0.87 -12.64	29.93 0.73 -15.16	29.29 0.74 -14.50	28.35 0.95 -9.87	29.27 0.75 -14.53	29.26 0.75 -14.59	28.19 1.09 -7.20	31.08 1.25 -7.53	33.73 1.71 -3.10	41.56 2.30 -0.18	46.04 2.48 0.00	33.92 1.83 0.00	30.48 1.70 0.00	28.26 1.57 0.00
CRICKET__VALLEY_CC3 323758	30.48 0.58 -18.60	28.01 0.69 -14.13	26.39 0.68 -12.31	27.34 0.63 -13.35	26.54 0.68 -11.32	26.54 0.91 -6.25	28.62 0.87 -9.97	26.78 1.10 -3.71	27.58 1.01 -7.55	29.94 0.91 -11.87	30.59 0.87 -12.64	29.93 0.73 -15.16	29.29 0.74 -14.50	28.35 0.95 -9.87	29.27 0.75 -14.53	29.26 0.75 -14.59	28.19 1.09 -7.20	31.08 1.25 -7.53	33.73 1.71 -3.10	41.56 2.30 -0.18	46.04 2.48 0.00	33.92 1.83 0.00	30.48 1.70 0.00	28.26 1.57 0.00
CRUCIBLE__METL_DRP 24180	13.07 -0.06 -1.82	14.50 -0.08 -1.38	14.51 -0.09 -1.20	14.54 -0.12 -1.31	15.52 -0.12 -1.11	19.84 -0.16 -0.61	18.63 -0.12 -0.97	22.23 -0.11 -0.36	19.69 -0.08 -0.74	18.25 -0.07 -1.16	18.26 -0.05 -1.24	15.45 -0.07 -1.48	15.41 -0.06 -1.42	18.41 -0.09 -0.96	15.30 -0.10 -1.42	15.25 -0.10 -1.43	20.45 -0.16 -0.70	22.82 -0.22 -0.74	28.79 -0.43 -0.30	38.62 -0.47 -0.02	43.12 -0.44 0.00	31.80 -0.29 0.00	28.49 -0.29 0.00	26.39 -0.29 0.00
DAHOWA__HYDRO 323763	33.98 0.61 -22.07	30.66 0.70 -16.76	28.73 0.72 -14.60	29.89 0.69 -15.84	28.73 0.77 -13.43	27.80 1.01 -7.41	30.54 0.94 -11.82	27.60 1.23 -4.40	29.06 1.08 -8.95	32.27 1.03 -14.08	33.13 1.06 -15.00	32.84 0.81 -17.99	32.03 0.79 -17.20	30.19 0.95 -11.70	32.00 0.78 -17.24	32.02 0.79 -17.30	29.53 1.09 -8.54	32.57 1.34 -8.93	34.51 1.91 -3.68	41.98 2.69 -0.21	46.56 3.00 0.00	34.27 2.18 0.00	30.65 1.87 0.00	28.34 1.66 0.00
DANC__LFGE 323619	12.30 -0.18 -1.17	13.87 -0.22 -0.89	13.95 -0.23 -0.78	13.96 -0.24 -0.84	15.01 -0.23 -0.71	19.49 -0.29 -0.39	18.12 -0.29 -0.63	21.88 -0.33 -0.23	19.16 -0.34 -0.48	17.53 -0.38 -0.75	17.51 -0.36 -0.80	14.67 -0.32 -0.96	14.60 -0.37 -0.91	17.67 -0.49 -0.62	14.49 -0.41 -0.92	14.41 -0.43 -0.92	19.82 -0.54 -0.45	22.15 -0.62 -0.47	28.57 -0.55 -0.20	38.62 -0.47 -0.01	43.21 -0.35 0.00	31.74 -0.35 0.00	28.32 -0.46 0.00	26.18 -0.51 0.00
DANSKAMMER__1 23586	29.65 0.66 -17.69	27.42 0.78 -13.44	25.87 0.76 -11.70	26.78 0.72 -12.70	26.07 0.77 -10.77	26.30 0.97 -5.94	28.20 0.94 -9.48	26.69 1.19 -3.53	27.27 1.06 -7.18	29.41 0.96 -11.29	30.06 0.96 -12.03	29.24 0.79 -14.42	28.62 0.79 -13.79	27.90 0.98 -9.38	28.59 0.78 -13.82	28.57 0.78 -13.87	27.86 1.11 -6.84	30.83 1.36 -7.16	33.78 1.91 -2.95	41.90 2.66 -0.17	46.43 2.87 0.00	34.17 2.08 0.00	30.68 1.90 0.00	28.40 1.71 0.00
DANSKAMMER__2 23589	29.65 0.66 -17.69	27.42 0.78 -13.44	25.87 0.76 -11.70	26.78 0.72 -12.70	26.07 0.77 -10.77	26.30 0.97 -5.94	28.20 0.94 -9.48	26.69 1.19 -3.53	27.27 1.06 -7.18	29.41 0.96 -11.29	30.06 0.96 -12.03	29.24 0.79 -14.42	28.62 0.79 -13.79	27.90 0.98 -9.38	28.59 0.78 -13.82	28.57 0.78 -13.87	27.86 1.11 -6.84	30.83 1.36 -7.16	33.78 1.91 -2.95	41.90 2.66 -0.17	46.43 2.87 0.00	34.17 2.08 0.00	30.68 1.90 0.00	28.40 1.71 0.00
DANSKAMMER__3 23590	29.65 0.66 -17.69	27.42 0.78 -13.44	25.87 0.76 -11.70	26.78 0.72 -12.70	26.07 0.77 -10.77	26.30 0.97 -5.94	28.20 0.94 -9.48	26.69 1.19 -3.53	27.27 1.06 -7.18	29.41 0.96 -11.29	30.06 0.96 -12.03	29.24 0.79 -14.42	28.62 0.79 -13.79	27.90 0.98 -9.38	28.59 0.78 -13.82	28.57 0.78 -13.87	27.86 1.11 -6.84	30.83 1.36 -7.16	33.78 1.91 -2.95	41.90 2.66 -0.17	46.43 2.87 0.00	34.17 2.08 0.00	30.68 1.90 0.00	28.40 1.71 0.00

DANSKAMMER___4 23591	29.65 0.66 -17.69	27.42 0.78 -13.44	25.87 0.76 -11.70	26.78 0.72 -12.70	26.07 0.77 -10.77	26.30 0.97 -5.94	28.20 0.94 -9.48	26.69 1.19 -3.53	27.27 1.06 -7.18	29.41 0.96 -11.29	30.06 0.96 -12.03	29.24 0.79 -14.42	28.62 0.79 -13.79	27.90 0.98 -9.38	28.59 0.78 -13.82	28.57 0.78 -13.87	27.86 1.11 -6.84	30.83 1.36 -7.16	33.78 1.91 -2.95	41.90 2.66 -0.17	46.43 2.87 0.00	34.17 2.08 0.00	30.68 1.90 0.00	28.40 1.71 0.00
DANSKAMMER___DIESEL 23592	29.65 0.66 -17.69	27.42 0.78 -13.44	25.89 0.78 -11.70	26.78 0.72 -12.70	26.07 0.77 -10.77	26.30 0.97 -5.94	28.20 0.94 -9.48	26.69 1.19 -3.53	27.27 1.07 -7.18	29.41 0.96 -11.29	30.06 0.96 -12.03	29.24 0.79 -14.42	28.62 0.79 -13.79	27.90 0.98 -9.38	28.59 0.78 -13.82	28.57 0.78 -13.87	27.86 1.11 -6.84	30.83 1.36 -7.16	33.78 1.91 -2.95	41.90 2.66 -0.17	46.43 2.87 0.00	34.18 2.09 0.00	30.68 1.90 0.00	28.40 1.71 0.00
DARBY___SOLAR 323810	33.94 0.61 -22.03	30.63 0.70 -16.73	28.70 0.72 -14.57	29.86 0.69 -15.81	28.69 0.76 -13.40	27.79 1.01 -7.40	30.52 0.94 -11.80	27.57 1.21 -4.39	29.04 1.08 -8.93	32.23 1.01 -14.06	33.09 1.04 -14.97	32.79 0.80 -17.96	32.00 0.79 -17.17	30.16 0.95 -11.68	31.97 0.78 -17.21	31.99 0.79 -17.27	29.52 1.09 -8.52	32.54 1.32 -8.92	34.47 1.88 -3.67	41.94 2.66 -0.21	46.48 2.92 0.00	34.24 2.15 0.00	30.63 1.84 0.00	28.34 1.66 0.00
DASHVILLE___HYD 23610	29.91 0.41 -18.20	27.50 0.48 -13.82	25.92 0.47 -12.04	26.85 0.43 -13.07	26.08 0.47 -11.08	26.06 0.56 -6.12	28.10 0.57 -9.75	26.30 0.70 -3.63	27.06 0.65 -7.38	29.36 0.58 -11.62	29.99 0.55 -12.37	29.34 0.46 -14.84	28.71 0.48 -14.19	27.79 0.60 -9.65	28.68 0.48 -14.22	28.67 0.47 -14.27	27.64 0.70 -7.04	30.54 0.87 -7.37	33.23 1.27 -3.03	41.59 2.34 -0.17	46.08 2.53 0.00	33.95 1.86 0.00	30.48 1.70 0.00	28.24 1.55 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	30.13 1.11 -17.71	27.80 1.15 -13.45	26.30 1.18 -11.72	27.02 0.95 -12.72	26.39 1.08 -10.78	26.61 1.28 -5.95	28.58 1.32 -9.49	27.46 1.96 -3.53	27.91 1.69 -7.19	29.70 1.24 -11.30	30.29 1.18 -12.04	29.50 1.02 -14.44	28.84 0.98 -13.81	28.16 1.23 -9.39	28.97 1.15 -13.84	29.07 1.25 -13.90	28.64 1.87 -6.86	35.28 2.23 -10.74	38.10 3.04 -6.14	44.12 4.18 -0.87	47.96 4.40 -0.01	37.15 3.05 -2.02	31.70 2.91 -0.01	29.36 2.67 0.00
DELAWARE___LFGE 323621	19.19 0.33 -7.56	19.31 0.37 -5.74	18.77 0.36 -5.00	19.17 0.39 -5.43	19.55 0.42 -4.60	22.47 0.54 -2.54	22.33 0.50 -4.05	24.12 0.64 -1.51	22.68 0.59 -3.07	22.50 0.51 -4.82	22.72 0.51 -5.14	20.62 0.42 -6.16	20.35 0.41 -5.89	22.04 0.49 -4.01	20.28 0.39 -5.91	20.20 0.35 -5.93	23.34 0.52 -2.92	25.94 0.58 -3.06	31.08 0.90 -1.26	40.48 1.33 -0.07	45.04 1.48 0.00	33.18 1.09 0.00	29.73 0.95 0.00	27.54 0.85 0.00
DERFIELD_115KV_TB7 355931	11.35 0.05 0.00	13.25 0.05 0.00	13.46 0.05 0.00	13.41 0.05 0.00	14.59 0.06 0.00	19.46 0.08 0.00	17.83 0.05 0.00	22.06 0.09 0.00	19.12 0.10 0.00	17.25 0.09 0.00	17.14 0.07 0.00	14.09 0.06 0.00	14.10 0.06 0.00	17.61 0.07 0.00	14.04 0.06 0.00	13.96 0.04 0.00	19.98 0.08 0.00	22.39 0.09 0.00	29.07 0.14 0.00	39.31 0.23 0.00	43.77 0.22 0.00	32.25 0.16 0.00	28.93 0.14 0.00	26.82 0.13 0.00
DOGLEVILLE___HYD 23807	11.29 -0.01 0.00	13.19 -0.01 0.00	13.39 -0.01 0.00	13.34 -0.01 0.00	14.53 0.00 0.00	19.36 -0.02 0.00	17.71 -0.07 0.00	21.91 -0.07 0.00	18.97 -0.06 0.00	17.11 -0.05 0.00	17.02 -0.05 0.00	13.99 -0.04 0.00	13.99 -0.06 0.00	17.45 -0.09 0.00	13.91 -0.07 0.00	13.84 -0.08 0.00	19.80 -0.10 0.00	22.21 -0.09 0.00	28.98 0.06 0.00	39.23 0.16 0.00	43.77 0.22 0.00	32.25 0.16 0.00	28.98 0.20 0.00	26.87 0.19 0.00
DUNKIRK___115KV_TB_200 55889	13.88 -0.52 -3.10	14.92 -0.63 -2.35	14.78 -0.67 -2.05	14.82 -0.76 -2.22	15.50 -0.92 -1.89	19.24 -1.18 -1.04	18.41 -1.03 -1.66	21.34 -1.25 -0.62	19.14 -1.14 -1.26	18.06 -1.08 -1.98	17.93 -1.25 -2.11	15.52 -1.04 -2.53	15.49 -0.97 -2.42	17.95 -1.23 -1.64	15.49 -0.91 -2.42	15.47 -0.88 -2.43	19.83 -1.27 -1.20	21.89 -1.67 -1.25	27.24 -2.20 -0.52	36.72 -2.38 -0.03	41.29 -2.26 0.00	30.87 -1.22 0.00	27.63 -1.15 0.00	25.81 -0.88 0.00
DUNKIRK___1 23563	13.88 -0.52 -3.10	14.92 -0.63 -2.35	14.78 -0.67 -2.05	14.82 -0.76 -2.22	15.50 -0.92 -1.89	19.24 -1.18 -1.04	18.41 -1.03 -1.66	21.34 -1.25 -0.62	19.14 -1.14 -1.26	18.06 -1.08 -1.98	17.93 -1.25 -2.11	15.52 -1.04 -2.53	15.49 -0.97 -2.42	17.95 -1.23 -1.64	15.49 -0.91 -2.42	15.47 -0.88 -2.43	19.83 -1.27 -1.20	21.89 -1.67 -1.25	27.24 -2.20 -0.52	36.72 -2.38 -0.03	41.29 -2.26 0.00	30.87 -1.22 0.00	27.63 -1.15 0.00	25.81 -0.88 0.00
DUNKIRK___2 23564	13.88 -0.52 -3.10	14.92 -0.63 -2.35	14.78 -0.67 -2.05	14.82 -0.76 -2.22	15.50 -0.92 -1.89	19.24 -1.18 -1.04	18.41 -1.03 -1.66	21.34 -1.25 -0.62	19.14 -1.14 -1.26	18.06 -1.08 -1.98	17.93 -1.25 -2.11	15.52 -1.04 -2.53	15.49 -0.97 -2.42	17.95 -1.23 -1.64	15.49 -0.91 -2.42	15.47 -0.88 -2.43	19.83 -1.27 -1.20	21.89 -1.67 -1.25	27.24 -2.20 -0.52	36.72 -2.38 -0.03	41.29 -2.26 0.00	30.87 -1.22 0.00	27.63 -1.15 0.00	25.81 -0.88 0.00
DUNKIRK___3 23565	13.85 -0.55 -3.10	14.87 -0.69 -2.35	14.74 -0.71 -2.05	14.76 -0.81 -2.22	15.45 -0.97 -1.88	19.16 -1.26 -1.04	18.34 -1.10 -1.66	21.25 -1.34 -0.62	19.07 -1.22 -1.26	18.00 -1.13 -1.98	17.90 -1.28 -2.11	15.49 -1.07 -2.53	15.46 -1.00 -2.41	17.92 -1.26 -1.64	15.47 -0.94 -2.42	15.45 -0.90 -2.43	19.81 -1.29 -1.20	21.86 -1.70 -1.25	27.18 -2.26 -0.52	36.60 -2.50 -0.03	41.16 -2.40 0.00	30.74 -1.35 0.00	27.52 -1.27 0.00	25.70 -0.99 0.00
DUNKIRK___4 23566	13.85 -0.55 -3.10	14.87 -0.69 -2.35	14.74 -0.71 -2.05	14.76 -0.81 -2.22	15.45 -0.97 -1.88	19.16 -1.26 -1.04	18.34 -1.10 -1.66	21.25 -1.34 -0.62	19.07 -1.22 -1.26	18.00 -1.13 -1.98	17.90 -1.28 -2.11	15.49 -1.07 -2.53	15.46 -1.00 -2.41	17.92 -1.26 -1.64	15.47 -0.94 -2.42	15.45 -0.90 -2.43	19.81 -1.29 -1.20	21.86 -1.70 -1.25	27.18 -2.26 -0.52	36.60 -2.50 -0.03	41.16 -2.40 0.00	30.74 -1.35 0.00	27.52 -1.27 0.00	25.70 -0.99 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.73 0.71 -17.71	27.48 0.83 -13.45	25.94 0.82 -11.72	26.82 0.75 -12.71	26.11 0.80 -10.78	26.34 1.01 -5.95	28.26 1.00 -9.49	26.78 1.27 -3.53	27.39 1.18 -7.18	29.53 1.06 -11.30	30.14 1.02 -12.04	29.33 0.86 -14.44	28.72 0.87 -13.80	28.02 1.09 -9.39	28.70 0.88 -13.84	28.69 0.88 -13.89	28.03 1.27 -6.85	30.97 1.49 -7.17	33.90 2.02 -2.95	41.94 2.70 -0.17	46.47 2.92 0.00	34.24 2.15 0.00	30.71 1.93 0.00	28.42 1.73 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.05 0.59 -17.16	26.92 0.69 -13.03	25.44 0.68 -11.35	26.31 0.64 -12.32	25.66 0.68 -10.44	26.00 0.85 -5.76	27.81 0.84 -9.19	26.45 1.05 -3.42	26.96 0.97 -6.96	28.98 0.88 -10.95	29.57 0.84 -11.66	28.72 0.70 -13.99	28.12 0.70 -13.37	27.51 0.88 -9.10	28.09 0.70 -13.40	28.07 0.70 -13.45	27.55 1.02 -6.64	30.45 1.20 -6.95	33.46 1.68 -2.86	41.58 2.34 -0.16	46.08 2.53 0.00	33.95 1.86 0.00	30.45 1.67 0.00	28.18 1.49 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	29.72 0.70 -17.71	27.47 0.82 -13.45	25.93 0.80 -11.72	26.79 0.72 -12.71	26.10 0.78 -10.78	26.30 0.97 -5.95	28.23 0.96 -9.49	26.78 1.27 -3.53	27.41 1.20 -7.18	29.54 1.08 -11.30	30.12 1.01 -12.04	29.33 0.86 -14.44	28.74 0.89 -13.80	28.03 1.10 -9.39	28.70 0.88 -13.84	28.69 0.88 -13.89	28.03 1.27 -6.85	30.95 1.47 -7.17	33.84 1.97 -2.95	41.86 2.62 -0.17	46.34 2.79 0.00	34.14 2.05 0.00	30.68 1.90 0.00	28.45 1.76 0.00
E179THST_13_KV_LOAD 356214	29.76 0.75 -17.71	27.51 0.86 -13.45	25.97 0.84 -11.72	26.83 0.76 -12.71	26.14 0.83 -10.78	26.36 1.03 -5.95	28.30 1.03 -9.49	26.84 1.34 -3.53	27.49 1.27 -7.18	29.61 1.15 -11.30	30.19 1.08 -12.04	29.39 0.91 -14.44	28.79 0.94 -13.80	28.09 1.16 -9.39	28.76 0.94 -13.84	28.74 0.93 -13.89	28.09 1.33 -6.85	31.03 1.56 -7.17	33.95 2.08 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.80 2.01 0.00	28.56 1.87 0.00
EAST HAMPTON___GT 23717	30.04 1.02 -17.71	27.70 1.04 -13.45	26.20 1.07 -11.72	26.91 0.84 -12.72	26.26 0.94 -10.78	26.46 1.12 -5.95	28.44 1.17 -9.49	27.26 1.76 -3.53	27.75 1.54 -7.19	29.56 1.10 -11.30	30.07 0.96 -12.04	29.32 0.84 -14.44	28.64 0.79 -13.81	27.91 0.98 -9.39	28.76 0.94 -13.84	28.88 1.06 -13.90	28.36 1.59 -6.86	35.01 1.96 -10.74	37.78 2.72 -6.14	43.69 3.75 -0.87	47.53 3.96 -0.01	36.80 2.70 -2.02	31.35 2.56 -0.01	29.09 2.40 0.00
EAST RIVER___6 23660	29.78 0.77 -17.71	27.53 0.88 -13.45	25.99 0.87 -11.72	26.86 0.79 -12.71	26.17 0.86 -10.78	26.42 1.08 -5.95	28.32 1.05 -9.49	26.84 1.34 -3.53	27.47 1.26 -7.18	29.63 1.17 -11.30	30.21 1.09 -12.04	29.40 0.93 -14.44	28.79 0.94 -13.80	28.09 1.16 -9.39	28.74 0.92 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.03 1.56 -7.17	33.98 2.11 -2.95	42.06 2.82 -0.17	46.56 3.00 0.00	34.30 2.21 0.00	30.80 2.01 0.00	28.50 1.82 0.00
EAST RIVER___7 23524	29.78 0.77 -17.71	27.53 0.88 -13.45	25.99 0.87 -11.72	26.86 0.79 -12.71	26.17 0.86 -10.78	26.42 1.08 -5.95	28.32 1.05 -9.49	26.84 1.34 -3.53	27.47 1.26 -7.18	29.63 1.17 -11.30	30.21 1.09 -12.04	29.40 0.93 -14.44	28.79 0.94 -13.80	28.09 1.16 -9.39	28.74 0.92 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.03 1.56 -7.17	33.98 2.11 -2.95	42.06 2.82 -0.17	46.56 3.00 0.00	34.30 2.21 0.00	30.80 2.01 0.00	28.50 1.82 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.67 0.69 -17.67	27.41 0.79 -13.42	25.89 0.79 -11.69	26.76 0.72 -12.69	26.06 0.77 -10.75	26.31 0.99 -5.94	28.21 0.96 -9.47	26.73 1.23 -3.52	27.34 1.14 -7.17	29.47 1.03 -11.28	30.08 0.99 -12.01	29.27 0.83 -14.41	28.66 0.84 -13.77	27.96 1.05 -9.37	28.64 0.85 -13.81	28.63 0.85 -13.86	27.97 1.23 -6.84	30.91 1.45 -7.15	33.80 1.94 -2.94	41.86 2.62 -0.17	46.39 2.83 0.00	34.18 2.09 0.00	30.65 1.87 0.00	28.34 1.65 0.00
EAST_HAMPTON___DIESEL 23722	30.01 1.00 -17.71	27.67 1.02 -13.45	26.17 1.05 -11.72	26.89 0.81 -12.72	26.23 0.92 -10.78	26.42 1.08 -5.95	28.41 1.14 -9.49	27.22 1.71 -3.53	27.71 1.50 -7.19	29.53 1.06 -11.30	30.04 0.92 -12.04	29.28 0.80 -14.44	28.60 0.74 -13.81	27.86 0.93 -9.39	28.72 0.90 -13.84	28.84 1.02 -13.90	28.32 1.55 -6.86	34.94 1.89 -10.74	37.72 2.66 -6.14	43.61 3.67 -0.87	47.40 3.83 -0.01	36.70 2.60 -2.02	31.27 2.48 -0.01	29.04 2.35 0.00
EAST_POINT___SOLAR 323840	36.79 0.75 -24.74	32.84 0.85 -18.79	30.66 0.88 -16.37	31.98 0.87 -17.76	30.55 0.96 -15.05	28.92 1.22 -8.31	32.15 1.12 -13.26	28.20 1.30 -4.93	30.01 0.95 -10.04	33.82 0.87 -15.79	34.83 0.94 -16.82	34.89 0.69 -20.17	33.98 0.65 -19.28	31.45 0.79 -13.12	33.84 0.53 -19.33	33.77 0.45 -19.40	29.97 0.50 -9.57	32.90 0.58 -10.01	34.72 1.68 -4.12	42.52 3.20 -0.24	47.30 3.75 0.00	34.88 2.79 0.00	31.06 2.27 0.00	28.66 1.97 0.00
EAST_PULASKI___ESR 323781	12.46 -0.17 -1.33	14.00 -0.21 -1.01	14.05 -0.23 -0.88	14.07 -0.24 -0.95	15.09 -0.25 -0.81	19.50 -0.33 -0.45	18.20 -0.29 -0.71	21.88 -0.35 -0.26	19.24 -0.32 -0.54	17.70 -0.31 -0.85	17.69 -0.29 -0.90	14.85 -0.27 -1.08	14.80 -0.28 -1.03	17.85 -0.39 -0.70	14.70 -0.32 -1.04	14.64 -0.32 -1.04	19.98 -0.44 -0.51	22.28 -0.56 -0.54	28.45 -0.69 -0.22	38.34 -0.74 -0.01	42.86 -0.70 0.00	31.54 -0.55 0.00	28.23 -0.55 0.00	26.13 -0.56 0.00
EAST_RIVER___1 323558	29.78 0.77 -17.71	27.53 0.88 -13.45	26.00 0.88 -11.72	26.87 0.80 -12.71	26.17 0.86 -10.78	26.42 1.08 -5.95	28.33 1.07 -9.49	26.87 1.36 -3.53	27.48 1.27 -7.18	29.63 1.17 -11.30	30.22 1.11 -12.04	29.40 0.93 -14.44	28.79 0.94 -13.80	28.10 1.18 -9.39	28.75 0.94 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.06 1.58 -7.17	33.98 2.11 -2.95	42.10 2.85 -0.17	46.60 3.05 0.00	34.34 2.25 0.00	30.83 2.04 0.00	28.53 1.84 0.00
EAST_RIVER___2 323559	29.78 0.77 -17.71	27.53 0.88 -13.45	25.99 0.87 -11.72	26.86 0.79 -12.71	26.17 0.86 -10.78	26.42 1.08 -5.95	28.32 1.05 -9.49	26.84 1.34 -3.53	27.47 1.26 -7.18	29.63 1.17 -11.30	30.21 1.09 -12.04	29.40 0.93 -14.44	28.79 0.94 -13.80	28.09 1.16 -9.39	28.74 0.92 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.03 1.56 -7.17	33.98 2.11 -2.95	42.06 2.82 -0.17	46.56 3.00 0.00	34.30 2.21 0.00	30.80 2.01 0.00	28.50 1.82 0.00
EAST___DELAWARE_HYD 23607	28.00 0.53 -16.17	26.10 0.62 -12.28	24.72 0.62 -10.69	25.53 0.57 -11.60	24.98 0.61 -9.84	25.57 0.76 -5.43	27.19 0.75 -8.66	26.12 0.92 -3.22	26.40 0.82 -6.56	28.21 0.74 -10.32	28.78 0.72 -10.99	27.80 0.59 -13.18	27.22 0.58 -12.60	26.85 0.74 -8.57	27.18 0.57 -12.63	27.15 0.56 -12.68	26.97 0.82 -6.25	29.85 1.00 -6.54	33.15 1.53 -2.69	41.42 2.19 -0.15	45.95 2.39 0.00	33.79 1.70 0.00	30.31 1.52 0.00	28.05 1.36 0.00
EIGHT_POINT___WT_PWR 323820	14.10 -0.87 -3.66	14.91 -1.07 -2.78	14.72 -1.11 -2.42	14.82 -1.16 -2.63	15.47 -1.29 -2.23	18.91 -1.71 -1.23	18.25 -1.49 -1.96	20.84 -1.87 -0.73	18.76 -1.75 -1.49	17.88 -1.61 -2.34	17.87 -1.69 -2.49	15.62 -1.40 -2.99	15.55 -1.35 -2.85	17.83 -1.65 -1.94	15.59 -1.26 -2.86	15.60 -1.20 -2.87	19.67 -1.65 -1.42	21.98 -1.81 -1.48	27.48 -2.05 -0.61	37.31 -1.80 -0.03	41.90 -1.66 0.00	31.22 -0.86 0.00	27.92 -0.86 0.00	26.21 -0.48 0.00
ELBRIDGE_115KV_TB2 80188	13.13 -0.10 -1.93	14.53 -0.13 -1.46	14.53 -0.15 -1.27	14.56 -0.17 -1.38	15.52 -0.19 -1.17	19.78 -0.25 -0.65	18.61 -0.20 -1.03	22.14 -0.22 -0.38	19.64 -0.17 -0.78	18.22 -0.17 -1.23	18.23 -0.15 -1.31	15.45 -0.15 -1.57	15.39 -0.15 -1.50	18.36 -0.19 -1.02	15.32 -0.17 -1.50	15.26 -0.17 -1.51	20.39 -0.26 -0.74	22.75 -0.33 -0.78	28.66 -0.58 -0.32	38.43 -0.66 -0.02	42.90 -0.65 0.00	31.67 -0.42 0.00	28.38 -0.40 0.00	26.26 -0.43 0.00
ELEC_TRO_TEK 24086	29.88 0.86 -17.71	27.59 0.94 -13.45	26.05 0.92 -11.72	26.87 0.80 -12.72	26.18 0.87 -10.78	26.40 1.07 -5.95	28.34 1.07 -9.49	27.02 1.52 -3.53	27.56 1.35 -7.19	29.60 1.13 -11.30	30.28 1.16 -12.04	29.47 1.00 -14.44	28.84 0.98 -13.81	28.18 1.25 -9.39	28.86 1.03 -13.84	28.89 1.06 -13.91	28.30 1.53 -6.87	37.51 1.72 -13.49	39.74 2.23 -8.59	43.45 2.97 -1.40	46.75 3.18 -0.02	38.03 2.37 -3.56	31.27 2.48 -0.02	28.80 2.11 0.00

ELLENBURG_WT_PWR 323604	10.82 -0.49 0.00	12.74 -0.46 0.00	13.04 -0.36 0.00	13.14 -0.21 0.00	14.36 -0.17 0.00	19.21 -0.17 0.00	17.53 -0.25 0.00	21.47 -0.50 0.00	18.40 -0.63 0.00	16.52 -0.63 0.00	16.51 -0.56 0.00	13.63 -0.41 0.00	13.61 -0.44 0.00	17.01 -0.53 0.00	13.58 -0.41 0.00	13.55 -0.38 0.00	19.41 -0.50 0.00	21.88 -0.42 0.00	28.52 -0.40 0.00	38.18 -0.90 0.00	42.42 -1.13 0.00	31.06 -1.03 0.00	28.01 -0.78 0.00	26.13 -0.56 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	13.52 -0.67 -2.88	14.57 -0.82 -2.19	14.45 -0.86 -1.90	14.46 -0.96 -2.07	15.14 -1.15 -1.75	18.88 -1.47 -0.97	18.00 -1.32 -1.54	20.92 -1.63 -0.57	18.75 -1.45 -1.17	17.69 -1.30 -1.84	17.58 -1.45 -1.96	15.19 -1.19 -2.35	15.18 -1.11 -2.24	17.66 -1.40 -1.53	15.18 -1.05 -2.25	15.18 -1.00 -2.26	19.58 -1.43 -1.11	21.62 -1.85 -1.17	26.91 -2.49 -0.48	35.98 -3.13 -0.03	40.46 -3.09 0.00	30.23 -1.86 0.00	27.05 -1.73 0.00	25.27 -1.41 0.00
EMPIRE_CC_1 323656	32.66 0.49 -20.87	29.62 0.57 -15.85	27.79 0.58 -13.81	28.89 0.55 -14.99	27.83 0.60 -12.70	27.23 0.83 -7.01	29.74 0.78 -11.19	27.12 0.99 -4.16	28.37 0.88 -8.47	31.27 0.79 -13.32	32.05 0.79 -14.19	31.70 0.65 -17.02	30.96 0.65 -16.27	29.41 0.81 -11.07	30.95 0.66 -16.31	30.94 0.65 -16.37	28.91 0.94 -8.07	31.82 1.07 -8.45	33.87 1.47 -3.48	41.31 2.03 -0.20	45.78 2.22 0.00	33.73 1.64 0.00	30.25 1.47 0.00	28.05 1.36 0.00
EMPIRE_CC_2 323658	32.66 0.49 -20.87	29.62 0.57 -15.85	27.79 0.58 -13.81	28.89 0.55 -14.99	27.83 0.60 -12.70	27.23 0.83 -7.01	29.74 0.78 -11.19	27.12 0.99 -4.16	28.37 0.88 -8.47	31.27 0.79 -13.32	32.05 0.79 -14.19	31.70 0.65 -17.02	30.96 0.65 -16.27	29.41 0.81 -11.07	30.95 0.66 -16.31	30.94 0.65 -16.37	28.91 0.94 -8.07	31.82 1.07 -8.45	33.87 1.47 -3.48	41.31 2.03 -0.20	45.78 2.22 0.00	33.73 1.64 0.00	30.25 1.47 0.00	28.05 1.36 0.00
ENORWICH_115KV_TB1 80156	17.14 0.38 -5.45	17.77 0.44 -4.14	17.42 0.42 -3.60	17.65 0.39 -3.91	18.31 0.47 -3.32	21.83 0.62 -1.83	21.32 0.62 -2.92	24.00 0.94 -1.09	22.04 0.80 -2.21	21.25 0.62 -3.48	21.34 0.56 -3.70	18.91 0.44 -4.44	18.66 0.37 -4.25	20.83 0.40 -2.89	18.52 0.28 -4.26	18.42 0.22 -4.27	22.45 0.44 -2.11	25.00 0.49 -2.21	31.04 1.21 -0.91	41.39 2.27 -0.05	46.30 2.74 0.00	34.05 1.96 0.00	30.36 1.58 0.00	28.05 1.36 0.00
ERIE_ST_34_KV_TB1-2 80199	13.54 -0.76 -2.99	14.55 -0.92 -2.27	14.42 -0.97 -1.98	14.43 -1.07 -2.15	15.10 -1.25 -1.82	18.78 -1.61 -1.01	17.94 -1.44 -1.60	20.79 -1.78 -0.60	18.66 -1.58 -1.21	17.63 -1.44 -1.91	17.52 -1.59 -2.03	15.17 -1.31 -2.44	15.16 -1.22 -2.33	17.58 -1.54 -1.59	15.16 -1.16 -2.34	15.15 -1.11 -2.35	19.47 -1.59 -1.16	21.49 -2.03 -1.21	26.76 -2.66 -0.50	36.25 -2.85 -0.03	40.81 -2.74 0.00	30.49 -1.60 0.00	27.26 -1.53 0.00	25.41 -1.28 0.00
ERIE_WT_PWR 323693	13.57 -0.68 -2.95	14.61 -0.83 -2.24	14.48 -0.87 -1.95	14.50 -0.97 -2.11	15.16 -1.16 -1.79	18.88 -1.49 -0.99	18.04 -1.32 -1.58	20.93 -1.63 -0.59	18.77 -1.45 -1.19	17.72 -1.32 -1.88	17.61 -1.47 -2.00	15.23 -1.21 -2.40	15.22 -1.12 -2.30	17.68 -1.42 -1.56	15.23 -1.05 -2.30	15.23 -1.00 -2.31	19.61 -1.43 -1.14	21.65 -1.85 -1.19	26.95 -2.46 -0.49	36.17 -2.93 -0.03	40.68 -2.88 0.00	30.39 -1.70 0.00	27.20 -1.58 0.00	25.41 -1.28 0.00
ESPRGFLD_115KV_TB1 80157	11.09 0.47 0.69	13.21 0.53 0.52	13.48 0.54 0.46	13.41 0.55 0.50	14.72 0.61 0.42	19.93 0.78 0.23	18.14 0.73 0.37	22.76 0.92 0.14	19.51 0.76 0.28	17.39 0.67 0.44	17.27 0.67 0.47	13.99 0.52 0.56	14.00 0.49 0.54	17.75 0.58 0.37	13.85 0.41 0.54	13.73 0.35 0.54	20.13 0.50 0.27	22.63 0.60 0.28	30.05 1.24 0.11	41.18 2.11 0.01	46.00 2.44 0.00	33.89 1.80 0.00	30.25 1.47 0.00	27.94 1.25 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	15.36 0.11 -3.94	16.30 0.11 -2.99	16.11 0.09 -2.61	16.25 0.07 -2.83	17.02 0.09 -2.40	20.82 0.12 -1.32	20.05 0.16 -2.11	23.00 0.24 -0.79	20.82 0.19 -1.60	19.81 0.14 -2.52	19.87 0.12 -2.68	17.31 0.06 -3.21	17.18 0.06 -3.07	19.64 0.02 -2.09	17.06 0.00 -3.08	17.01 0.00 -3.09	21.45 0.02 -1.53	23.92 0.02 -1.60	29.67 0.09 -0.66	39.58 0.47 -0.04	44.25 0.70 0.00	32.60 0.51 0.00	29.16 0.37 0.00	26.98 0.29 0.00
ETNA____115KV_TB2 80207	15.36 0.11 -3.94	16.30 0.11 -2.99	16.11 0.09 -2.61	16.25 0.07 -2.83	17.02 0.09 -2.40	20.82 0.12 -1.32	20.05 0.16 -2.11	23.00 0.24 -0.79	20.82 0.19 -1.60	19.81 0.14 -2.52	19.87 0.12 -2.68	17.31 0.06 -3.21	17.18 0.06 -3.07	19.64 0.02 -2.09	17.06 0.00 -3.08	17.01 0.00 -3.09	21.45 0.02 -1.53	23.92 0.02 -1.60	29.67 0.09 -0.66	39.58 0.47 -0.04	44.25 0.70 0.00	32.60 0.51 0.00	29.16 0.37 0.00	26.98 0.29 0.00
EUCLID____115KV_TB2 356179	12.68 -0.15 -1.52	14.16 -0.20 -1.15	14.21 -0.20 -1.01	14.22 -0.23 -1.09	15.21 -0.25 -0.92	19.56 -0.33 -0.51	18.31 -0.28 -0.81	21.97 -0.31 -0.30	19.38 -0.27 -0.62	17.89 -0.24 -0.97	17.87 -0.24 -1.03	15.06 -0.21 -1.24	15.04 -0.20 -1.18	18.08 -0.26 -0.81	14.96 -0.21 -1.19	14.90 -0.21 -1.19	20.17 -0.32 -0.59	22.50 -0.42 -0.62	28.48 -0.69 -0.25	38.23 -0.86 -0.01	42.69 -0.87 0.00	31.48 -0.61 0.00	28.21 -0.58 0.00	26.13 -0.56 0.00
E_CANADA_CAP_HY 24051	37.82 0.61 -25.91	33.57 0.70 -19.67	31.27 0.72 -17.14	32.66 0.71 -18.60	31.08 0.78 -15.76	29.09 1.01 -8.70	32.58 0.92 -13.88	28.28 1.14 -5.16	30.41 0.88 -10.51	34.48 0.79 -16.53	35.50 0.82 -17.61	35.76 0.60 -21.12	34.80 0.56 -20.19	31.96 0.68 -13.74	34.67 0.45 -20.24	34.62 0.39 -20.31	30.44 0.52 -10.02	33.48 0.69 -10.49	34.77 1.53 -4.32	41.98 2.66 -0.25	46.60 3.05 0.00	34.43 2.34 0.00	30.71 1.93 0.00	28.34 1.66 0.00
E_CANADA_MHWK_HY 24050	11.29 -0.01 0.00	13.19 -0.01 0.00	13.39 -0.01 0.00	13.34 -0.01 0.00	14.53 0.00 0.00	19.36 -0.02 0.00	17.71 -0.07 0.00	21.91 -0.07 0.00	18.97 -0.06 0.00	17.11 -0.05 0.00	17.02 -0.05 0.00	13.99 -0.04 0.00	13.99 -0.06 0.00	17.45 -0.09 0.00	13.91 -0.07 0.00	13.84 -0.08 0.00	19.80 -0.10 0.00	22.21 -0.09 0.00	28.98 0.06 0.00	39.23 0.16 0.00	43.78 0.22 0.00	32.25 0.16 0.00	28.98 0.20 0.00	26.88 0.19 0.00
E_FISHKILL____LBMP 23776	29.99 0.61 -18.08	27.64 0.71 -13.73	26.07 0.71 -11.96	26.99 0.65 -12.98	26.23 0.70 -11.00	26.35 0.89 -6.07	28.34 0.87 -9.69	26.70 1.12 -3.60	27.39 1.03 -7.33	29.62 0.93 -11.54	30.25 0.89 -12.29	29.52 0.74 -14.74	28.90 0.76 -14.09	28.07 0.95 -9.59	28.86 0.76 -14.12	28.85 0.75 -14.18	27.99 1.09 -6.99	30.92 1.29 -7.32	33.67 1.74 -3.01	41.59 2.34 -0.17	46.08 2.53 0.00	33.95 1.86 0.00	30.48 1.70 0.00	28.21 1.52 0.00
FALCON____SEABRD_CC1 323796	10.90 -0.41 0.00	12.84 -0.36 0.00	13.15 -0.26 0.00	13.25 -0.11 0.00	14.49 -0.04 0.00	19.38 0.00 0.00	17.69 -0.09 0.00	21.64 -0.33 0.00	18.53 -0.49 0.00	16.66 -0.50 0.00	16.63 -0.44 0.00	13.73 -0.31 0.00	13.71 -0.34 0.00	17.13 -0.40 0.00	13.69 -0.29 0.00	13.66 -0.26 0.00	19.56 -0.34 0.00	22.08 -0.22 0.00	28.78 -0.14 0.00	38.53 -0.55 0.00	42.82 -0.74 0.00	31.29 -0.80 0.00	28.21 -0.58 0.00	26.34 -0.35 0.00

FALCON___SEABRD_CC2 323797	10.90 -0.41 0.00	12.84 -0.36 0.00	13.15 -0.26 0.00	13.25 -0.11 0.00	14.49 -0.04 0.00	19.38 0.00 0.00	17.69 -0.09 0.00	21.64 -0.33 0.00	18.53 -0.49 0.00	16.66 -0.50 0.00	16.63 -0.44 0.00	13.73 -0.31 0.00	13.71 -0.34 0.00	17.13 -0.40 0.00	13.69 -0.29 0.00	13.66 -0.26 0.00	19.56 -0.34 0.00	22.08 -0.22 0.00	28.78 -0.14 0.00	38.53 -0.55 0.00	42.82 -0.74 0.00	31.29 -0.80 0.00	28.21 -0.58 0.00	26.34 -0.35 0.00
FAR ROCKAWAY___4 23548	30.01 0.99 -17.71	27.72 1.07 -13.45	26.20 1.07 -11.72	27.01 0.93 -12.72	26.33 1.02 -10.78	26.58 1.24 -5.95	28.50 1.23 -9.49	27.24 1.74 -3.53	27.75 1.54 -7.19	29.77 1.30 -11.30	30.46 1.35 -12.04	29.64 1.16 -14.44	28.99 1.14 -13.81	28.35 1.42 -9.39	29.01 1.19 -13.84	29.04 1.21 -13.91	28.52 1.75 -6.87	37.25 1.99 -12.96	39.64 2.60 -8.12	43.85 3.48 -1.30	47.32 3.75 -0.01	38.15 2.79 -3.26	31.67 2.88 -0.01	29.12 2.43 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.78 0.77 -17.71	27.53 0.88 -13.45	25.99 0.87 -11.72	26.86 0.79 -12.71	26.15 0.84 -10.78	26.40 1.07 -5.95	28.32 1.05 -9.49	26.87 1.36 -3.53	27.48 1.27 -7.18	29.61 1.15 -11.30	30.20 1.09 -12.04	29.38 0.91 -14.44	28.79 0.94 -13.80	28.09 1.16 -9.39	28.74 0.92 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.03 1.56 -7.17	33.98 2.11 -2.95	42.06 2.81 -0.17	46.56 3.01 0.00	34.30 2.21 0.00	30.80 2.01 0.00	28.50 1.81 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.78 0.77 -17.71	27.53 0.88 -13.45	25.99 0.87 -11.72	26.86 0.79 -12.71	26.17 0.86 -10.78	26.42 1.09 -5.95	28.32 1.05 -9.49	26.87 1.36 -3.53	27.48 1.27 -7.18	29.61 1.15 -11.30	30.20 1.09 -12.04	29.38 0.91 -14.44	28.79 0.94 -13.80	28.09 1.16 -9.39	28.74 0.92 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.06 1.58 -7.17	33.98 2.11 -2.95	42.06 2.81 -0.17	46.56 3.01 0.00	34.30 2.21 0.00	30.80 2.01 0.00	28.50 1.81 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.77 0.76 -17.71	27.52 0.87 -13.45	25.99 0.87 -11.72	26.86 0.79 -12.71	26.15 0.84 -10.78	26.40 1.07 -5.95	28.32 1.05 -9.49	26.84 1.34 -3.53	27.47 1.26 -7.18	29.61 1.15 -11.30	30.19 1.08 -12.04	29.38 0.91 -14.44	28.78 0.93 -13.80	28.09 1.16 -9.39	28.74 0.92 -13.84	28.73 0.92 -13.89	28.09 1.33 -6.85	31.03 1.56 -7.17	33.95 2.08 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.80 2.01 0.00	28.50 1.81 0.00
FARRAGUT___LBMP 323566	29.77 0.76 -17.71	27.52 0.87 -13.45	25.98 0.86 -11.72	26.84 0.77 -12.71	26.15 0.84 -10.78	26.40 1.07 -5.95	28.30 1.03 -9.49	26.84 1.34 -3.53	27.47 1.26 -7.18	29.59 1.13 -11.30	30.19 1.08 -12.04	29.37 0.90 -14.44	28.78 0.93 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.73 0.92 -13.89	28.09 1.33 -6.85	31.01 1.54 -7.17	33.93 2.05 -2.95	41.98 2.74 -0.17	46.47 2.92 0.00	34.27 2.18 0.00	30.77 1.99 0.00	28.48 1.79 0.00
FENNER___WINDPWR 24204	13.58 0.12 -2.16	14.97 0.13 -1.64	14.95 0.12 -1.43	15.01 0.11 -1.55	15.98 0.13 -1.31	20.28 0.17 -0.72	19.11 0.18 -1.15	22.69 0.28 -0.43	20.13 0.23 -0.87	18.72 0.19 -1.38	18.71 0.17 -1.46	15.92 0.13 -1.76	15.84 0.11 -1.68	18.80 0.12 -1.14	15.75 0.08 -1.68	15.67 0.06 -1.69	20.86 0.12 -0.83	23.29 0.11 -0.87	29.54 0.26 -0.36	39.64 0.55 -0.02	44.25 0.69 0.00	32.57 0.48 0.00	29.16 0.37 0.00	26.98 0.29 0.00
FIBERTEK___ENERGY 23856	13.07 -0.06 -1.82	14.50 -0.08 -1.38	14.51 -0.09 -1.20	14.54 -0.12 -1.31	15.52 -0.12 -1.11	19.84 -0.16 -0.61	18.63 -0.12 -0.97	22.23 -0.11 -0.36	19.69 -0.08 -0.74	18.25 -0.07 -1.16	18.26 -0.05 -1.24	15.45 -0.07 -1.48	15.41 -0.06 -1.42	18.41 -0.09 -0.96	15.30 -0.10 -1.42	15.25 -0.10 -1.43	20.45 -0.16 -0.70	22.82 -0.22 -0.74	28.79 -0.43 -0.30	38.62 -0.47 -0.02	43.12 -0.44 0.00	31.80 -0.29 0.00	28.49 -0.29 0.00	26.39 -0.29 0.00
FITZPATRICK____ 23598	12.08 -0.30 -1.08	13.65 -0.37 -0.82	13.74 -0.38 -0.71	13.74 -0.39 -0.77	14.77 -0.42 -0.65	19.18 -0.56 -0.36	17.86 -0.50 -0.58	21.57 -0.62 -0.21	18.93 -0.53 -0.44	17.37 -0.48 -0.69	17.33 -0.48 -0.73	14.52 -0.39 -0.88	14.49 -0.39 -0.84	17.62 -0.49 -0.57	14.42 -0.41 -0.84	14.36 -0.40 -0.84	19.74 -0.58 -0.42	22.02 -0.71 -0.44	28.00 -1.10 -0.18	37.60 -1.48 -0.01	41.95 -1.61 0.00	30.94 -1.15 0.00	27.75 -1.03 0.00	25.75 -0.93 0.00
FLOWRFLD_69_KV_BK1 356044	30.10 1.09 -17.71	27.79 1.14 -13.45	26.28 1.15 -11.72	27.03 0.96 -12.72	26.39 1.08 -10.78	26.63 1.30 -5.95	28.58 1.32 -9.49	27.44 1.93 -3.53	27.89 1.67 -7.19	29.77 1.30 -11.30	30.45 1.33 -12.04	29.64 1.16 -14.44	28.99 1.14 -13.81	28.35 1.42 -9.39	29.07 1.24 -13.84	29.16 1.34 -13.90	28.75 1.99 -6.86	35.37 2.30 -10.76	38.12 3.04 -6.16	44.05 4.10 -0.87	47.92 4.36 -0.01	37.26 3.14 -2.03	31.90 3.11 -0.01	29.36 2.67 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.75 0.68 -17.77	27.49 0.79 -13.49	25.95 0.79 -11.75	26.84 0.73 -12.75	26.13 0.78 -10.81	26.34 0.99 -5.97	28.27 0.98 -9.52	26.72 1.21 -3.54	27.32 1.08 -7.21	29.49 1.00 -11.34	30.12 0.97 -12.08	29.32 0.80 -14.48	28.69 0.80 -13.85	27.98 1.02 -9.42	28.66 0.80 -13.88	28.65 0.79 -13.93	27.91 1.13 -6.87	30.88 1.38 -7.19	33.85 1.97 -2.96	41.98 2.74 -0.17	46.52 2.96 0.00	34.24 2.15 0.00	30.71 1.93 0.00	28.42 1.73 0.00
FORT ORANGE____ 23900	33.08 0.32 -21.46	29.86 0.36 -16.30	27.98 0.37 -14.20	29.12 0.36 -15.41	27.99 0.39 -13.06	27.14 0.54 -7.21	29.76 0.48 -11.50	26.87 0.61 -4.28	28.28 0.55 -8.71	31.34 0.48 -13.70	32.16 0.50 -14.59	31.91 0.38 -17.50	31.15 0.38 -16.73	29.39 0.47 -11.38	31.14 0.39 -16.77	31.14 0.39 -16.83	28.76 0.56 -8.30	31.68 0.69 -8.69	33.54 1.04 -3.58	40.73 1.45 -0.20	45.12 1.57 0.00	33.31 1.22 0.00	29.85 1.07 0.00	27.73 1.04 0.00
FORT_DRUM_COGEN 23780	12.08 -0.17 -0.94	13.70 -0.21 -0.71	13.80 -0.23 -0.62	13.80 -0.23 -0.67	14.92 -0.19 -0.57	19.47 -0.23 -0.32	18.03 -0.25 -0.50	21.90 -0.26 -0.19	19.07 -0.34 -0.38	17.33 -0.43 -0.60	17.29 -0.43 -0.64	14.42 -0.38 -0.77	14.32 -0.46 -0.73	17.44 -0.60 -0.50	14.23 -0.49 -0.73	14.13 -0.53 -0.74	19.63 -0.64 -0.36	22.02 -0.67 -0.38	28.76 -0.32 -0.16	39.05 -0.04 -0.01	43.69 0.13 0.00	31.99 -0.10 0.00	28.49 -0.29 0.00	26.31 -0.37 0.00
FOX_HILLS___ESR 323835	29.85 0.83 -17.72	27.62 0.96 -13.46	26.09 0.97 -11.72	26.95 0.87 -12.72	26.26 0.94 -10.78	26.50 1.16 -5.95	28.42 1.16 -9.49	27.00 1.49 -3.53	27.61 1.39 -7.19	29.71 1.24 -11.31	30.28 1.16 -12.05	29.46 0.98 -14.45	28.87 1.01 -13.81	28.20 1.26 -9.40	28.83 1.01 -13.84	28.82 1.00 -13.90	28.21 1.45 -6.86	31.18 1.70 -7.18	34.14 2.26 -2.96	42.22 2.97 -0.18	46.65 3.09 0.00	34.47 2.37 -0.01	30.98 2.19 -0.01	28.72 2.03 -0.01
FPL FAR_ROCK_GT1 24212	30.01 1.00 -17.71	27.72 1.07 -13.45	26.20 1.07 -11.72	27.01 0.93 -12.72	26.33 1.02 -10.78	26.58 1.24 -5.95	28.50 1.23 -9.49	27.24 1.74 -3.53	27.75 1.54 -7.19	29.77 1.30 -11.30	30.46 1.35 -12.04	29.64 1.16 -14.44	28.99 1.14 -13.81	28.35 1.42 -9.39	29.01 1.19 -13.84	29.04 1.21 -13.91	28.52 1.75 -6.87	37.25 1.98 -12.96	39.65 2.60 -8.12	43.85 3.48 -1.30	47.36 3.79 -0.01	38.14 2.79 -3.26	31.67 2.88 -0.01	29.12 2.43 0.00

FPL FAR_ROCK_GT2 23815	30.01 1.00 -17.71	27.72 1.07 -13.45	26.20 1.07 -11.72	27.01 0.93 -12.72	26.33 1.02 -10.78	26.58 1.24 -5.95	28.50 1.23 -9.49	27.24 1.74 -3.53	27.75 1.54 -7.19	29.77 1.30 -11.30	30.46 1.35 -12.04	29.64 1.16 -14.44	28.99 1.14 -13.81	28.35 1.42 -9.39	29.01 1.19 -13.84	29.04 1.21 -13.91	28.52 1.75 -6.87	37.25 1.98 -12.96	39.65 2.60 -8.12	43.85 3.48 -1.30	47.36 3.79 -0.01	38.14 2.79 -3.26	31.67 2.88 -0.01	29.12 2.43 0.00
FRANKLIN_FALL_HYD 24054	10.88 -0.43 0.00	12.80 -0.40 0.00	13.08 -0.32 0.00	13.17 -0.19 0.00	14.37 -0.16 0.00	19.25 -0.14 0.00	17.55 -0.23 0.00	21.47 -0.51 0.00	18.40 -0.63 0.00	16.58 -0.58 0.00	16.58 -0.50 0.00	13.68 -0.35 0.00	13.65 -0.39 0.00	17.10 -0.44 0.00	13.62 -0.36 0.00	13.59 -0.33 0.00	19.47 -0.44 0.00	21.95 -0.36 0.00	28.69 -0.23 0.00	38.49 -0.59 0.00	42.86 -0.70 0.00	31.29 -0.80 0.00	28.18 -0.60 0.00	26.26 -0.43 0.00
FREEPORT_EQUS_GT1 23764	29.96 0.94 -17.71	27.66 1.00 -13.45	26.13 1.01 -11.72	26.93 0.86 -12.72	26.26 0.94 -10.78	26.48 1.14 -5.95	28.42 1.15 -9.49	27.15 1.65 -3.53	27.68 1.47 -7.19	29.68 1.22 -11.30	30.36 1.25 -12.04	29.56 1.08 -14.44	28.91 1.05 -13.81	28.26 1.33 -9.39	28.93 1.10 -13.84	28.98 1.15 -13.90	28.46 1.69 -6.86	36.17 1.89 -11.97	38.65 2.49 -7.24	43.50 3.32 -1.11	47.14 3.57 -0.01	37.43 2.63 -2.71	31.50 2.70 -0.01	28.95 2.27 0.00
FREEPORT___CT2 23818	29.96 0.94 -17.71	27.66 1.00 -13.45	26.13 1.01 -11.72	26.93 0.86 -12.72	26.26 0.94 -10.78	26.48 1.14 -5.95	28.42 1.15 -9.49	27.15 1.65 -3.53	27.68 1.47 -7.19	29.68 1.22 -11.30	30.36 1.25 -12.04	29.56 1.08 -14.44	28.91 1.05 -13.81	28.26 1.33 -9.39	28.93 1.10 -13.84	28.98 1.15 -13.90	28.46 1.69 -6.86	36.17 1.89 -11.97	38.65 2.49 -7.24	43.50 3.32 -1.11	47.14 3.57 -0.01	37.43 2.63 -2.71	31.50 2.70 -0.01	28.95 2.27 0.00
FRESHKLS_33_KV_LOAD 356253	29.85 0.83 -17.72	27.62 0.96 -13.46	26.09 0.97 -11.72	26.95 0.87 -12.72	26.26 0.94 -10.78	26.50 1.16 -5.95	28.41 1.14 -9.49	26.98 1.47 -3.53	27.59 1.37 -7.19	29.67 1.20 -11.31	30.26 1.14 -12.05	29.44 0.95 -14.45	28.84 0.98 -13.81	28.16 1.23 -9.40	28.81 0.98 -13.84	28.81 0.99 -13.90	28.19 1.43 -6.86	31.15 1.67 -7.18	34.11 2.23 -2.96	42.14 2.89 -0.18	46.47 2.92 0.01	34.44 2.34 -0.01	30.95 2.16 -0.01	28.72 2.03 -0.01
FULTON COGEN____ 23766	12.57 -0.16 -1.43	14.09 -0.20 -1.08	14.13 -0.21 -0.94	14.15 -0.23 -1.03	15.16 -0.25 -0.87	19.53 -0.33 -0.48	18.28 -0.27 -0.77	21.95 -0.31 -0.28	19.34 -0.27 -0.58	17.83 -0.24 -0.91	17.82 -0.22 -0.97	15.00 -0.20 -1.16	14.96 -0.20 -1.11	18.03 -0.26 -0.76	14.87 -0.22 -1.12	14.80 -0.24 -1.12	20.10 -0.36 -0.55	22.44 -0.45 -0.58	28.44 -0.72 -0.24	38.19 -0.90 -0.01	42.64 -0.91 0.00	31.45 -0.64 0.00	28.18 -0.60 0.00	26.10 -0.59 0.00
FULTON___LFGE 323630	36.46 0.68 -24.48	32.57 0.78 -18.59	30.40 0.80 -16.20	31.72 0.79 -17.57	30.30 0.87 -14.90	28.71 1.10 -8.23	31.93 1.03 -13.12	28.13 1.27 -4.88	29.96 1.01 -9.93	33.69 0.91 -15.62	34.67 0.96 -16.64	34.71 0.72 -19.96	33.80 0.67 -19.08	31.33 0.81 -12.98	33.71 0.60 -19.13	33.69 0.57 -19.20	30.13 0.76 -9.47	33.19 0.98 -9.91	34.82 1.82 -4.08	42.28 2.97 -0.23	46.91 3.35 0.00	34.59 2.50 0.00	30.86 2.07 0.00	28.48 1.79 0.00
G.F.CEMENT___DRP 24184	34.13 0.69 -22.14	30.79 0.78 -16.81	28.85 0.80 -14.65	30.04 0.79 -15.89	28.88 0.87 -13.47	27.95 1.12 -7.44	30.71 1.07 -11.86	27.77 1.38 -4.41	29.22 1.22 -8.98	32.45 1.17 -14.13	33.35 1.23 -15.05	33.01 0.93 -18.05	32.20 0.90 -17.25	30.36 1.09 -11.74	32.19 0.91 -17.30	32.19 0.90 -17.36	29.70 1.23 -8.56	32.76 1.49 -8.96	34.78 2.17 -3.69	42.37 3.09 -0.21	46.95 3.40 0.00	34.56 2.47 0.00	30.88 2.10 0.00	28.56 1.87 0.00
GARDENVILLE___LBMP 24039	13.56 -0.68 -2.93	14.60 -0.83 -2.23	14.46 -0.88 -1.94	14.49 -0.97 -2.11	15.16 -1.16 -1.79	18.88 -1.49 -0.99	18.02 -1.33 -1.57	20.91 -1.65 -0.58	18.75 -1.47 -1.19	17.71 -1.32 -1.87	17.60 -1.47 -1.99	15.21 -1.22 -2.39	15.20 -1.14 -2.29	17.67 -1.42 -1.56	15.21 -1.06 -2.29	15.21 -1.02 -2.30	19.58 -1.45 -1.13	21.62 -1.87 -1.19	26.92 -2.49 -0.49	36.06 -3.05 -0.03	40.55 -3.01 0.00	30.29 -1.80 0.00	27.14 -1.64 0.00	25.33 -1.36 0.00
GARDNVLA_35_KV_LD 355827	13.59 -0.67 -2.95	14.62 -0.82 -2.24	14.50 -0.86 -1.95	14.51 -0.96 -2.12	15.20 -1.13 -1.80	18.92 -1.45 -0.99	18.06 -1.30 -1.58	20.96 -1.60 -0.59	18.80 -1.43 -1.20	17.76 -1.29 -1.88	17.65 -1.43 -2.01	15.26 -1.18 -2.41	15.25 -1.10 -2.30	17.72 -1.39 -1.56	15.27 -1.02 -2.31	15.26 -0.97 -2.31	19.65 -1.39 -1.14	21.69 -1.81 -1.19	26.98 -2.43 -0.49	36.17 -2.93 -0.03	40.73 -2.83 0.00	30.42 -1.67 0.00	27.23 -1.55 0.00	25.43 -1.25 0.00
GELCKHM___115KV_LOAD 80723	12.82 -0.11 -1.63	14.28 -0.16 -1.24	14.31 -0.17 -1.08	14.34 -0.19 -1.17	15.32 -0.20 -0.99	19.66 -0.27 -0.55	18.44 -0.21 -0.87	22.06 -0.24 -0.32	19.48 -0.21 -0.66	18.03 -0.17 -1.04	18.01 -0.17 -1.11	15.21 -0.15 -1.33	15.16 -0.15 -1.27	18.21 -0.19 -0.86	15.09 -0.17 -1.27	15.03 -0.17 -1.28	20.27 -0.26 -0.63	22.61 -0.36 -0.66	28.59 -0.61 -0.27	38.35 -0.74 -0.02	42.82 -0.74 0.00	31.61 -0.48 0.00	28.32 -0.46 0.00	26.21 -0.48 0.00
GENERAL___MILLS 23808	13.57 -0.68 -2.95	14.61 -0.83 -2.24	14.48 -0.87 -1.95	14.50 -0.97 -2.11	15.16 -1.16 -1.79	18.88 -1.49 -0.99	18.04 -1.32 -1.58	20.93 -1.63 -0.59	18.78 -1.45 -1.19	17.72 -1.32 -1.88	17.61 -1.47 -2.00	15.23 -1.21 -2.40	15.22 -1.12 -2.30	17.68 -1.42 -1.56	15.23 -1.05 -2.30	15.23 -1.00 -2.31	19.61 -1.43 -1.14	21.65 -1.85 -1.19	26.95 -2.46 -0.49	36.13 -2.97 -0.03	40.64 -2.92 0.00	30.39 -1.70 0.00	27.20 -1.58 0.00	25.38 -1.31 0.00
GE_PLASTICS___DRP 24183	33.09 0.31 -21.48	29.87 0.36 -16.32	27.98 0.36 -14.21	29.13 0.35 -15.42	27.99 0.38 -13.07	27.13 0.52 -7.22	29.75 0.46 -11.51	26.85 0.59 -4.28	28.27 0.53 -8.71	31.35 0.48 -13.71	32.16 0.48 -14.60	31.93 0.38 -17.51	31.17 0.38 -16.74	29.40 0.47 -11.39	31.16 0.39 -16.79	31.16 0.39 -16.85	28.77 0.56 -8.31	31.67 0.67 -8.70	33.46 0.95 -3.58	40.57 1.29 -0.20	44.95 1.39 0.00	33.18 1.09 0.00	29.73 0.95 0.00	27.59 0.91 0.00
GILBOA___1 23756	28.74 0.34 -17.09	26.56 0.38 -12.98	25.10 0.39 -11.31	26.08 0.45 -12.27	25.43 0.49 -10.40	25.76 0.64 -5.74	27.49 0.55 -9.16	25.99 0.61 -3.41	26.53 0.57 -6.93	28.58 0.51 -10.91	29.19 0.50 -11.62	28.38 0.41 -13.93	27.79 0.42 -13.32	27.13 0.53 -9.06	27.75 0.42 -13.35	27.74 0.42 -13.40	27.11 0.60 -6.61	29.91 0.69 -6.92	32.72 0.95 -2.85	40.57 1.33 -0.16	44.99 1.44 0.00	33.18 1.09 0.00	29.76 0.98 0.00	27.57 0.88 0.00
GILBOA___2 23757	28.74 0.34 -17.09	26.56 0.38 -12.98	25.10 0.39 -11.31	26.08 0.45 -12.27	25.43 0.49 -10.40	25.76 0.64 -5.74	27.49 0.55 -9.16	25.99 0.61 -3.41	26.53 0.57 -6.93	28.58 0.51 -10.91	29.19 0.50 -11.62	28.38 0.41 -13.93	27.79 0.42 -13.32	27.13 0.53 -9.06	27.75 0.42 -13.35	27.74 0.42 -13.40	27.11 0.60 -6.61	29.91 0.69 -6.92	32.72 0.95 -2.85	40.57 1.33 -0.16	44.99 1.44 0.00	33.18 1.09 0.00	29.76 0.98 0.00	27.57 0.88 0.00

GILBOA___3 23758	28.74 0.34 -17.09	26.56 0.38 -12.98	25.10 0.39 -11.31	26.08 0.45 -12.27	25.43 0.49 -10.40	25.76 0.64 -5.74	27.49 0.55 -9.16	25.99 0.61 -3.41	26.53 0.57 -6.93	28.58 0.51 -10.91	29.19 0.50 -11.62	28.38 0.41 -13.93	27.79 0.42 -13.32	27.13 0.53 -9.06	27.75 0.42 -13.35	27.74 0.42 -13.40	27.11 0.60 -6.61	29.91 0.69 -6.92	32.72 0.95 -2.85	40.57 1.33 -0.16	44.99 1.44 0.00	33.18 1.09 0.00	29.76 0.98 0.00	27.57 0.88 0.00
GILBOA___4 23759	28.74 0.34 -17.09	26.56 0.38 -12.98	25.10 0.39 -11.31	26.08 0.45 -12.27	25.43 0.49 -10.40	25.76 0.64 -5.74	27.49 0.55 -9.16	25.99 0.61 -3.41	26.53 0.57 -6.93	28.58 0.51 -10.91	29.19 0.50 -11.62	28.38 0.41 -13.93	27.79 0.42 -13.32	27.13 0.53 -9.06	27.75 0.42 -13.35	27.74 0.42 -13.40	27.11 0.60 -6.61	29.91 0.69 -6.92	32.72 0.95 -2.85	40.57 1.33 -0.16	44.99 1.44 0.00	33.18 1.09 0.00	29.76 0.98 0.00	27.57 0.88 0.00
GILBOA___ 23599	28.74 0.34 -17.09	26.56 0.38 -12.98	25.10 0.39 -11.31	26.08 0.45 -12.27	25.43 0.49 -10.40	25.77 0.64 -5.74	27.49 0.55 -9.16	26.00 0.62 -3.41	26.53 0.57 -6.93	28.58 0.51 -10.91	29.19 0.50 -11.62	28.38 0.41 -13.93	27.79 0.42 -13.32	27.13 0.53 -9.06	27.75 0.42 -13.35	27.74 0.42 -13.40	27.11 0.60 -6.61	29.91 0.69 -6.92	32.72 0.95 -2.85	40.57 1.33 -0.16	44.99 1.44 0.00	33.18 1.09 0.00	29.76 0.98 0.00	27.57 0.88 0.00
GINNA___ 23603	12.67 -0.73 -2.10	13.91 -0.88 -1.60	13.88 -0.91 -1.39	13.93 -0.94 -1.51	14.75 -1.06 -1.28	18.69 -1.40 -0.71	17.62 -1.28 -1.13	20.85 -1.54 -0.42	18.49 -1.39 -0.85	17.25 -1.25 -1.34	17.24 -1.26 -1.43	14.70 -1.05 -1.72	14.61 -1.08 -1.64	17.35 -1.30 -1.12	14.58 -1.05 -1.64	14.56 -1.02 -1.65	19.24 -1.47 -0.81	21.37 -1.79 -0.85	26.93 -2.34 -0.35	35.93 -3.16 -0.02	40.38 -3.18 0.00	29.78 -2.31 0.00	26.65 -2.13 0.00	24.71 -1.97 0.00
GLEN PARK___ 23778	12.14 -0.14 -0.97	13.78 -0.16 -0.74	13.87 -0.17 -0.64	13.87 -0.19 -0.70	14.99 -0.13 -0.59	19.55 -0.16 -0.33	18.12 -0.18 -0.52	21.97 -0.20 -0.19	19.14 -0.28 -0.39	17.38 -0.39 -0.62	17.34 -0.39 -0.66	14.46 -0.37 -0.79	14.35 -0.45 -0.76	17.47 -0.58 -0.51	14.25 -0.49 -0.76	14.15 -0.53 -0.76	19.66 -0.62 -0.38	22.05 -0.65 -0.39	28.85 -0.23 -0.16	39.24 0.16 -0.01	43.90 0.35 0.00	32.12 0.03 0.00	28.61 -0.17 0.00	26.39 -0.29 0.00
GLENDALE_27_KV_LOAD 356172	29.82 0.80 -17.71	27.58 0.92 -13.45	26.05 0.92 -11.72	26.90 0.83 -12.71	26.21 0.90 -10.78	26.46 1.12 -5.95	28.39 1.12 -9.49	26.95 1.45 -3.53	27.58 1.37 -7.18	29.68 1.22 -11.30	30.27 1.16 -12.04	29.46 0.98 -14.44	28.86 1.01 -13.80	28.17 1.25 -9.39	28.81 0.99 -13.84	28.80 0.99 -13.89	28.19 1.43 -6.85	31.15 1.67 -7.17	34.10 2.23 -2.95	42.21 2.97 -0.17	46.74 3.18 0.00	34.43 2.34 0.00	30.91 2.13 0.00	28.66 1.97 0.00
GLENWOOD_IC_1_G5 23712	29.87 0.85 -17.71	27.59 0.94 -13.45	26.06 0.94 -11.72	26.89 0.81 -12.72	26.20 0.89 -10.78	26.44 1.10 -5.95	28.37 1.10 -9.49	27.00 1.49 -3.53	27.56 1.35 -7.19	29.63 1.17 -11.30	30.29 1.18 -12.04	29.49 1.01 -14.44	28.86 1.01 -13.81	28.19 1.26 -9.39	28.86 1.03 -13.84	28.89 1.06 -13.91	28.30 1.53 -6.87	37.40 1.74 -13.36	39.71 2.31 -8.48	43.54 3.09 -1.38	46.88 3.31 -0.02	38.02 2.44 -3.49	31.19 2.39 -0.02	28.74 2.05 0.00
GLENWOOD_IC_2_G1 23688	29.80 0.78 -17.71	27.52 0.87 -13.45	25.99 0.87 -11.72	26.85 0.77 -12.72	26.16 0.84 -10.78	26.38 1.05 -5.95	28.30 1.03 -9.49	26.89 1.39 -3.53	27.49 1.27 -7.19	29.58 1.11 -11.30	30.21 1.09 -12.04	29.40 0.93 -14.44	28.78 0.93 -13.81	28.11 1.18 -9.39	28.77 0.95 -13.84	28.77 0.96 -13.89	28.15 1.39 -6.85	31.35 1.61 -7.44	34.25 2.14 -3.19	42.15 2.85 -0.22	46.65 3.09 0.00	34.52 2.28 -0.15	30.97 2.19 0.00	28.58 1.90 0.00
GLENWOOD_IC_3_G1 23689	29.80 0.78 -17.71	27.52 0.87 -13.45	25.99 0.87 -11.72	26.85 0.77 -12.72	26.16 0.84 -10.78	26.38 1.05 -5.95	28.30 1.03 -9.49	26.89 1.39 -3.53	27.49 1.27 -7.19	29.58 1.11 -11.30	30.21 1.09 -12.04	29.40 0.93 -14.44	28.78 0.93 -13.81	28.11 1.18 -9.39	28.77 0.95 -13.84	28.77 0.96 -13.89	28.15 1.39 -6.85	31.35 1.61 -7.44	34.25 2.14 -3.19	42.15 2.85 -0.22	46.65 3.09 0.00	34.52 2.28 -0.15	30.97 2.19 0.00	28.58 1.90 0.00
GLENWOOD___4 23550	29.87 0.85 -17.71	27.59 0.94 -13.45	26.06 0.94 -11.72	26.89 0.81 -12.72	26.20 0.89 -10.78	26.44 1.10 -5.95	28.37 1.10 -9.49	27.00 1.49 -3.53	27.56 1.35 -7.19	29.63 1.17 -11.30	30.29 1.18 -12.04	29.49 1.01 -14.44	28.86 1.01 -13.81	28.19 1.26 -9.39	28.86 1.03 -13.84	28.89 1.06 -13.91	28.30 1.53 -6.87	37.40 1.74 -13.36	39.71 2.31 -8.48	43.54 3.09 -1.38	46.88 3.31 -0.02	38.02 2.44 -3.49	31.19 2.39 -0.02	28.74 2.05 0.00
GLENWOOD___5 23614	29.87 0.85 -17.71	27.59 0.94 -13.45	26.06 0.94 -11.72	26.89 0.81 -12.72	26.20 0.89 -10.78	26.44 1.10 -5.95	28.37 1.10 -9.49	27.00 1.49 -3.53	27.56 1.35 -7.19	29.63 1.17 -11.30	30.29 1.18 -12.04	29.49 1.01 -14.44	28.86 1.01 -13.81	28.19 1.26 -9.39	28.86 1.03 -13.84	28.89 1.06 -13.91	28.30 1.53 -6.87	37.40 1.74 -13.36	39.71 2.31 -8.48	43.54 3.09 -1.38	46.88 3.31 -0.02	38.02 2.44 -3.49	31.19 2.39 -0.02	28.74 2.05 0.00
GLOBAL GREEN_PORT_GT1 23814	30.12 1.10 -17.71	27.79 1.14 -13.45	26.29 1.17 -11.72	27.01 0.93 -12.72	26.36 1.05 -10.78	26.59 1.26 -5.95	28.57 1.30 -9.49	27.44 1.93 -3.53	27.89 1.67 -7.19	29.68 1.22 -11.30	30.26 1.14 -12.04	29.46 0.98 -14.44	28.78 0.93 -13.81	28.09 1.16 -9.39	28.91 1.09 -13.84	29.02 1.20 -13.90	28.58 1.81 -6.86	35.23 2.19 -10.74	38.07 3.01 -6.14	44.08 4.14 -0.87	47.96 4.40 -0.01	37.12 3.02 -2.02	31.64 2.85 -0.01	29.33 2.64 0.00
GLOBE___DSASP 323697	13.28 -0.73 -2.72	14.37 -0.90 -2.06	14.25 -0.95 -1.80	14.25 -1.06 -1.95	14.89 -1.29 -1.65	18.55 -1.74 -0.91	17.69 -1.55 -1.45	20.60 -1.91 -0.54	18.45 -1.67 -1.10	17.40 -1.49 -1.73	17.25 -1.67 -1.85	14.87 -1.38 -2.21	14.87 -1.29 -2.12	17.36 -1.61 -1.44	14.87 -1.23 -2.12	14.88 -1.17 -2.13	19.26 -1.69 -1.05	21.26 -2.14 -1.10	26.42 -2.95 -0.45	35.00 -4.10 -0.03	39.37 -4.18 0.00	29.43 -2.66 0.00	26.36 -2.42 0.00	24.66 -2.03 0.00
GOETHSLN___LBMP 323567	29.74 0.72 -17.71	27.48 0.83 -13.45	25.94 0.82 -11.72	26.80 0.73 -12.71	26.09 0.78 -10.78	26.32 0.99 -5.95	28.24 0.98 -9.49	26.78 1.27 -3.53	27.41 1.20 -7.18	29.56 1.10 -11.30	30.14 1.02 -12.04	29.34 0.87 -14.44	28.73 0.89 -13.80	28.03 1.10 -9.39	28.68 0.87 -13.84	28.69 0.88 -13.89	28.03 1.27 -6.85	30.97 1.49 -7.17	33.87 2.00 -2.95	41.86 2.62 -0.17	46.34 2.79 0.00	34.18 2.09 0.00	30.68 1.90 0.00	28.40 1.71 0.00
GOLAH___69_KV_TB 1_2 80279	13.19 -0.33 -2.21	14.48 -0.40 -1.68	14.44 -0.43 -1.46	14.46 -0.48 -1.59	15.31 -0.57 -1.34	19.41 -0.72 -0.74	18.30 -0.66 -1.18	21.62 -0.79 -0.44	19.12 -0.80 -0.90	17.83 -0.74 -1.41	17.76 -0.82 -1.50	15.13 -0.70 -1.80	15.08 -0.69 -1.72	17.87 -0.84 -1.17	15.05 -0.66 -1.73	15.04 -0.61 -1.73	19.86 -0.90 -0.85	22.06 -1.14 -0.89	27.76 -1.53 -0.37	37.03 -2.07 -0.02	41.64 -1.92 0.00	30.87 -1.22 0.00	27.66 -1.12 0.00	25.70 -0.99 0.00

GOODYEAR_LAKE_HYD 323669	16.88 0.40 -5.18	17.58 0.45 -3.93	17.27 0.44 -3.43	17.54 0.47 -3.72	18.21 0.52 -3.15	21.78 0.66 -1.74	21.18 0.62 -2.78	23.82 0.81 -1.03	21.85 0.72 -2.10	21.10 0.63 -3.31	21.23 0.63 -3.52	18.76 0.51 -4.22	18.58 0.49 -4.04	20.88 0.60 -2.75	18.48 0.45 -4.05	18.37 0.39 -4.06	22.48 0.58 -2.00	25.05 0.65 -2.10	30.88 1.10 -0.86	40.84 1.72 -0.05	45.52 1.96 0.00	33.50 1.41 0.00	29.96 1.18 0.00	27.73 1.04 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	16.95 -0.01 -5.66	17.46 -0.04 -4.30	17.09 -0.05 -3.74	17.34 -0.08 -4.06	17.89 -0.09 -3.44	21.15 -0.14 -1.90	20.72 -0.09 -3.03	23.01 -0.09 -1.13	21.24 -0.08 -2.29	20.70 -0.07 -3.61	20.82 -0.10 -3.84	18.55 -0.10 -4.61	18.37 -0.08 -4.41	20.41 -0.12 -3.00	18.30 -0.10 -4.42	18.26 -0.10 -4.44	21.93 -0.16 -2.19	24.37 -0.22 -2.29	29.55 -0.32 -0.94	39.01 -0.12 -0.05	43.56 0.00 0.00	32.19 0.10 0.00	28.81 0.03 0.00	26.71 0.03 0.00
GOUDEY___7 23579	16.95 -0.01 -5.66	17.46 -0.04 -4.30	17.09 -0.05 -3.74	17.34 -0.08 -4.06	17.89 -0.09 -3.44	21.15 -0.14 -1.90	20.72 -0.09 -3.03	23.01 -0.09 -1.13	21.24 -0.08 -2.29	20.70 -0.07 -3.61	20.82 -0.10 -3.84	18.55 -0.10 -4.61	18.37 -0.08 -4.41	20.41 -0.12 -3.00	18.30 -0.10 -4.42	18.26 -0.10 -4.44	21.93 -0.16 -2.19	24.37 -0.22 -2.29	29.55 -0.32 -0.94	39.01 -0.12 -0.05	43.56 0.00 0.00	32.19 0.10 0.00	28.81 0.03 0.00	26.71 0.03 0.00
GOUDEY___8 23580	16.95 -0.01 -5.66	17.46 -0.04 -4.30	17.09 -0.05 -3.74	17.34 -0.08 -4.06	17.89 -0.09 -3.44	21.15 -0.14 -1.90	20.72 -0.09 -3.03	23.01 -0.09 -1.13	21.24 -0.08 -2.29	20.70 -0.07 -3.61	20.82 -0.10 -3.84	18.55 -0.10 -4.61	18.37 -0.08 -4.41	20.41 -0.12 -3.00	18.30 -0.10 -4.42	18.26 -0.10 -4.44	21.93 -0.16 -2.19	24.37 -0.22 -2.29	29.55 -0.32 -0.94	39.01 -0.12 -0.05	43.56 0.00 0.00	32.19 0.10 0.00	28.81 0.03 0.00	26.71 0.03 0.00
GOWANUS_GT1_1 24077	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.04 1.54 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.82 3.27 0.00	34.57 2.47 -0.01	31.03 2.24 -0.01	28.78 2.08 -0.01
GOWANUS_GT1_2 24078	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.04 1.54 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.82 3.27 0.00	34.57 2.47 -0.01	31.03 2.24 -0.01	28.78 2.08 -0.01
GOWANUS_GT1_3 24079	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.04 1.54 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.82 3.27 0.00	34.57 2.47 -0.01	31.03 2.24 -0.01	28.78 2.08 -0.01
GOWANUS_GT1_4 24080	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.04 1.54 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.82 3.27 0.00	34.57 2.47 -0.01	31.03 2.24 -0.01	28.78 2.08 -0.01
GOWANUS_GT1_5 24084	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.04 1.54 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.82 3.27 0.00	34.57 2.47 -0.01	31.03 2.24 -0.01	28.78 2.08 -0.01
GOWANUS_GT1_6 24111	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.04 1.54 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.82 3.27 0.00	34.57 2.47 -0.01	31.03 2.24 -0.01	28.78 2.08 -0.01
GOWANUS_GT1_7 24112	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.04 1.54 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.82 3.27 0.00	34.57 2.47 -0.01	31.03 2.24 -0.01	28.78 2.08 -0.01
GOWANUS_GT1_8 24113	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.04 1.54 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.82 3.27 0.00	34.57 2.47 -0.01	31.03 2.24 -0.01	28.78 2.08 -0.01
GOWANUS_GT2_1 24114	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
GOWANUS_GT2_2 24115	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
GOWANUS_GT2_3 24116	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01

GOWANUS_GT2_4 24117	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
GOWANUS_GT2_5 24118	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
GOWANUS_GT2_6 24119	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
GOWANUS_GT2_7 24120	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
GOWANUS_GT2_8 24121	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
GOWANUS_GT3_1 24122	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
GOWANUS_GT3_2 24123	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01

GOWANUS_GT4_3 24132	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.04 1.54 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.82 3.27 0.00	34.57 2.47 -0.01	31.03 2.24 -0.01	28.78 2.08 -0.01
GOWANUS_GT4_4 24133	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.04 1.54 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.82 3.27 0.00	34.57 2.47 -0.01	31.03 2.24 -0.01	28.78 2.08 -0.01
GOWANUS_GT4_5 24134	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.04 1.54 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.82 3.27 0.00	34.57 2.47 -0.01	31.03 2.24 -0.01	28.78 2.08 -0.01
GOWANUS_GT4_6 24135	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.04 1.54 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.82 3.27 0.00	34.57 2.47 -0.01	31.03 2.24 -0.01	28.78 2.08 -0.01
GOWANUS_GT4_7 24136	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.04 1.54 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.82 3.27 0.00	34.57 2.47 -0.01	31.03 2.24 -0.01	28.78 2.08 -0.01
GOWANUS_GT4_8 24137	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.04 1.54 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.82 3.27 0.00	34.57 2.47 -0.01	31.03 2.24 -0.01	28.78 2.08 -0.01
GREENBSH_115KV_TB3 55895	33.15 0.29 -21.55	29.90 0.33 -16.37	28.01 0.35 -14.26	29.16 0.33 -15.47	28.01 0.36 -13.11	27.13 0.50 -7.24	29.77 0.44 -11.55	26.86 0.59 -4.30	28.30 0.53 -8.74	31.39 0.48 -13.75	32.20 0.48 -14.65	31.98 0.38 -17.57	31.22 0.38 -16.79	29.44 0.47 -11.43	31.21 0.39 -16.84	31.21 0.39 -16.90	28.80 0.56 -8.34	31.70 0.67 -8.72	33.47 0.95 -3.59	40.53 1.25 -0.21	44.91 1.35 0.00	33.15 1.06 0.00	29.70 0.92 0.00	27.59 0.91 0.00
GREENIDGE_115KV_TB5 80291	14.61 -0.18 -3.49	15.61 -0.24 -2.65	15.44 -0.27 -2.31	15.55 -0.31 -2.50	16.31 -0.35 -2.12	20.11 -0.45 -1.17	19.31 -0.34 -1.87	22.27 -0.40 -0.70	20.04 -0.40 -1.41	18.99 -0.39 -2.23	19.00 -0.44 -2.37	16.49 -0.39 -2.84	16.37 -0.39 -2.72	18.88 -0.51 -1.85	16.30 -0.41 -2.73	16.27 -0.39 -2.74	20.69 -0.56 -1.35	23.09 -0.62 -1.41	28.72 -0.78 -0.58	38.60 -0.51 -0.03	43.25 -0.30 0.00	31.99 -0.10 0.00	28.58 -0.20 0.00	26.47 -0.21 0.00
GREENIDGE___3 23582	14.61 -0.18 -3.49	15.61 -0.24 -2.65	15.44 -0.27 -2.31	15.55 -0.31 -2.50	16.31 -0.35 -2.12	20.11 -0.45 -1.17	19.31 -0.34 -1.87	22.27 -0.40 -0.70	20.04 -0.40 -1.41	18.99 -0.39 -2.23	19.00 -0.44 -2.37	16.49 -0.39 -2.84	16.37 -0.39 -2.72	18.88 -0.51 -1.85	16.30 -0.41 -2.73	16.27 -0.39 -2.74	20.69 -0.56 -1.35	23.09 -0.62 -1.41	28.72 -0.78 -0.58	38.60 -0.51 -0.03	43.25 -0.30 0.00	31.99 -0.10 0.00	28.58 -0.20 0.00	26.47 -0.21 0.00
GREENIDGE___4 23583	14.61 -0.18 -3.49	15.61 -0.24 -2.65	15.44 -0.27 -2.31	15.55 -0.31 -2.50	16.31 -0.35 -2.12	20.11 -0.45 -1.17	19.31 -0.34 -1.87	22.29 -0.37 -0.70	20.04 -0.40 -1.41	18.99 -0.39 -2.23	19.00 -0.44 -2.37	16.49 -0.39 -2.84	16.37 -0.39 -2.72	18.88 -0.51 -1.85	16.30 -0.41 -2.73	16.27 -0.39 -2.74	20.70 -0.56 -1.35	23.09 -0.62 -1.41	28.72 -0.78 -0.58	38.60 -0.51 -0.03	42.90 -0.65 0.00	31.99 -0.10 0.00	28.58 -0.20 0.00	26.47 -0.21 0.00
GREENLWN_69_KV_BK 3 55738	29.90 0.88 -17.71	27.59 0.94 -13.45	26.06 0.94 -11.72	26.86 0.79 -12.72	26.17 0.86 -10.78	26.36 1.03 -5.95	28.34 1.07 -9.49	27.06 1.56 -3.53	27.60 1.39 -7.19	29.58 1.12 -11.30	30.28 1.16 -12.04	29.49 1.01 -14.44	28.84 0.98 -13.81	28.18 1.25 -9.39	28.88 1.06 -13.84	28.92 1.10 -13.90	28.40 1.63 -6.86	34.94 1.81 -10.83	37.28 2.14 -6.22	42.81 2.85 -0.88	46.57 3.01 -0.01	36.47 2.31 -2.07	31.41 2.62 -0.01	28.85 2.16 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.04 1.54 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.82 3.27 0.00	34.57 2.47 -0.01	31.03 2.24 -0.01	28.78 2.08 -0.01
GRISSOM___SOLAR 323813	36.15 0.66 -24.19	32.32 0.75 -18.37	30.18 0.78 -16.00	31.48 0.76 -17.36	30.09 0.84 -14.72	28.59 1.08 -8.13	31.73 0.99 -12.96	28.05 1.25 -4.82	29.84 1.01 -9.81	33.50 0.91 -15.43	34.47 0.96 -16.44	34.47 0.72 -19.72	33.59 0.69 -18.85	31.19 0.82 -12.83	33.51 0.63 -18.90	33.49 0.60 -18.97	30.08 0.82 -9.36	33.12 1.03 -9.79	34.75 1.79 -4.03	42.16 2.85 -0.23	46.82 3.27 0.00	34.50 2.41 0.00	30.80 2.01 0.00	28.45 1.76 0.00
GROVEVILLE___HYD 323602	29.75 0.68 -17.77	27.49 0.79 -13.49	25.95 0.79 -11.75	26.84 0.73 -12.75	26.13 0.78 -10.81	26.34 0.99 -5.97	28.27 0.98 -9.52	26.72 1.21 -3.54	27.32 1.08 -7.21	29.49 1.00 -11.34	30.12 0.97 -12.08	29.32 0.80 -14.48	28.69 0.80 -13.85	27.98 1.02 -9.42	28.66 0.80 -13.88	28.65 0.79 -13.93	27.91 1.13 -6.87	30.88 1.38 -7.19	33.85 1.97 -2.96	41.98 2.74 -0.17	46.52 2.96 0.00	34.24 2.15 0.00	30.71 1.93 0.00	28.42 1.73 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	13.07 -0.06 -1.82	14.50 -0.08 -1.38	14.51 -0.09 -1.20	14.54 -0.12 -1.31	15.52 -0.12 -1.11	19.84 -0.16 -0.61	18.63 -0.12 -0.97	22.23 -0.11 -0.36	19.69 -0.08 -0.74	18.25 -0.07 -1.16	18.26 -0.05 -1.24	15.45 -0.07 -1.48	15.41 -0.06 -1.42	18.41 -0.09 -0.96	15.30 -0.10 -1.42	15.25 -0.10 -1.43	20.45 -0.16 -0.70	22.82 -0.22 -0.74	28.79 -0.43 -0.30	38.62 -0.47 -0.02	43.12 -0.44 0.00	31.80 -0.29 0.00	28.49 -0.29 0.00	26.39 -0.29 0.00

HAMLTNNY_34_KV_TB 80303	13.20 -0.05 -1.94	14.61 -0.07 -1.48	14.61 -0.08 -1.29	14.64 -0.11 -1.39	15.60 -0.12 -1.18	19.88 -0.16 -0.65	18.71 -0.11 -1.04	22.27 -0.09 -0.39	19.74 -0.08 -0.79	18.33 -0.07 -1.24	18.33 -0.07 -1.32	15.55 -0.07 -1.58	15.49 -0.07 -1.51	18.46 -0.11 -1.03	15.40 -0.10 -1.52	15.35 -0.10 -1.52	20.50 -0.16 -0.75	22.84 -0.25 -0.79	28.81 -0.43 -0.32	38.66 -0.43 -0.02	43.21 -0.35 0.00	31.90 -0.19 0.00	28.55 -0.23 0.00	26.42 -0.27 0.00
HAMPSHIRE___PAPER_HYD 323593	11.36 -0.45 -0.51	13.08 -0.50 -0.39	13.23 -0.51 -0.34	13.25 -0.47 -0.36	14.38 -0.47 -0.31	18.95 -0.60 -0.17	17.37 -0.68 -0.27	21.19 -0.88 -0.10	18.38 -0.86 -0.21	16.66 -0.82 -0.32	16.63 -0.79 -0.35	13.80 -0.65 -0.41	13.74 -0.70 -0.40	16.93 -0.88 -0.27	13.67 -0.71 -0.40	13.59 -0.72 -0.40	19.14 -0.95 -0.20	21.51 -1.00 -0.21	28.08 -0.93 -0.08	37.95 -1.13 0.00	42.34 -1.22 0.00	30.97 -1.12 0.00	27.72 -1.06 0.00	25.67 -1.01 0.00
HARDSCRABBLE_WT_PWR 323673	11.24 -0.07 0.00	13.12 -0.08 0.00	13.32 -0.08 0.00	13.28 -0.08 0.00	14.46 -0.07 0.00	19.27 -0.12 0.00	17.63 -0.14 0.00	21.80 -0.18 0.00	18.87 -0.15 0.00	17.02 -0.14 0.00	16.94 -0.14 0.00	13.94 -0.10 0.00	13.92 -0.13 0.00	17.38 -0.16 0.00	13.86 -0.13 0.00	13.77 -0.15 0.00	19.72 -0.18 0.00	22.12 -0.18 0.00	28.86 -0.06 0.00	39.08 0.00 0.00	43.60 0.04 0.00	32.12 0.03 0.00	28.84 0.06 0.00	26.74 0.05 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.56 0.62 -16.63	26.56 0.73 -12.63	25.13 0.72 -11.00	25.96 0.67 -11.94	25.37 0.71 -10.12	25.86 0.89 -5.59	27.56 0.87 -8.91	26.41 1.12 -3.32	26.78 1.01 -6.75	28.68 0.91 -10.61	29.27 0.89 -11.30	28.34 0.74 -13.56	27.76 0.74 -12.96	27.30 0.95 -8.82	27.73 0.76 -12.99	27.70 0.74 -13.04	27.41 1.07 -6.43	30.31 1.27 -6.73	33.46 1.76 -2.77	41.66 2.42 -0.16	46.17 2.61 0.00	34.02 1.93 0.00	30.51 1.73 0.00	28.24 1.55 0.00
HARSNRAD_115KV_TB1 81005	13.28 -0.70 -2.67	14.37 -0.86 -2.03	14.26 -0.91 -1.77	14.27 -1.00 -1.92	14.96 -1.21 -1.63	18.73 -1.55 -0.90	17.82 -1.39 -1.43	20.81 -1.69 -0.53	18.59 -1.52 -1.09	17.48 -1.39 -1.71	17.36 -1.54 -1.82	14.94 -1.28 -2.18	14.94 -1.19 -2.08	17.45 -1.51 -1.42	14.94 -1.13 -2.09	14.95 -1.07 -2.10	19.41 -1.53 -1.03	21.42 -1.96 -1.08	26.74 -2.63 -0.45	35.58 -3.52 -0.03	40.03 -3.53 0.00	29.91 -2.18 0.00	26.77 -2.01 0.00	25.01 -1.68 0.00
HARZA MOOSE___RIVER 24016	11.91 -0.05 -0.65	13.64 -0.05 -0.49	13.76 -0.07 -0.43	13.75 -0.07 -0.46	14.90 -0.03 -0.39	19.56 -0.04 -0.22	18.07 -0.05 -0.35	22.08 -0.02 -0.13	19.23 -0.06 -0.26	17.47 -0.10 -0.41	17.41 -0.10 -0.44	14.45 -0.11 -0.53	14.41 -0.14 -0.50	17.67 -0.21 -0.34	14.32 -0.17 -0.51	14.22 -0.21 -0.51	19.91 -0.24 -0.25	22.32 -0.25 -0.26	29.06 0.03 -0.11	39.32 0.23 -0.01	43.86 0.30 0.00	32.19 0.10 0.00	28.78 0.00 0.00	26.63 -0.05 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	12.84 -0.11 -1.65	14.31 -0.15 -1.25	14.33 -0.16 -1.09	14.37 -0.17 -1.18	15.35 -0.19 -1.00	19.68 -0.25 -0.55	18.45 -0.21 -0.88	22.08 -0.22 -0.33	19.50 -0.19 -0.67	18.04 -0.17 -1.05	18.04 -0.15 -1.12	15.24 -0.14 -1.34	15.19 -0.14 -1.28	18.22 -0.19 -0.87	15.12 -0.15 -1.29	15.05 -0.17 -1.29	20.28 -0.26 -0.64	22.64 -0.33 -0.67	28.62 -0.58 -0.27	38.39 -0.70 -0.02	42.86 -0.70 0.00	31.64 -0.45 0.00	28.35 -0.43 0.00	26.26 -0.43 0.00
HELLGATE_13_KV_LD 55870	29.80 0.78 -17.71	27.56 0.91 -13.45	26.02 0.90 -11.72	26.88 0.81 -12.71	26.18 0.87 -10.78	26.44 1.10 -5.95	28.35 1.08 -9.49	26.93 1.43 -3.53	27.54 1.33 -7.18	29.66 1.20 -11.30	30.24 1.13 -12.04	29.43 0.95 -14.44	28.83 0.98 -13.80	28.17 1.25 -9.39	28.81 0.99 -13.84	28.80 0.99 -13.89	28.17 1.41 -6.85	31.15 1.67 -7.17	34.07 2.20 -2.95	42.18 2.93 -0.17	46.69 3.14 0.00	34.40 2.31 0.00	30.91 2.13 0.00	28.66 1.97 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.80 0.78 -17.71	27.56 0.91 -13.45	26.02 0.90 -11.72	26.88 0.81 -12.71	26.18 0.87 -10.78	26.44 1.10 -5.95	28.35 1.08 -9.49	26.93 1.43 -3.53	27.54 1.33 -7.18	29.66 1.20 -11.30	30.24 1.13 -12.04	29.43 0.95 -14.44	28.83 0.98 -13.80	28.17 1.25 -9.39	28.81 0.99 -13.84	28.80 0.99 -13.89	28.17 1.41 -6.85	31.15 1.67 -7.17	34.07 2.20 -2.95	42.18 2.93 -0.17	46.69 3.14 0.00	34.40 2.31 0.00	30.91 2.13 0.00	28.66 1.97 0.00
HEMPSTEAD____ 23647	29.87 0.85 -17.71	27.56 0.91 -13.45	26.04 0.91 -11.72	26.85 0.77 -12.72	26.17 0.86 -10.78	26.38 1.05 -5.95	28.32 1.05 -9.49	27.00 1.49 -3.53	27.54 1.33 -7.19	29.58 1.11 -11.30	30.26 1.14 -12.04	29.46 0.98 -14.44	28.82 0.97 -13.81	28.16 1.23 -9.39	28.84 1.02 -13.84	28.87 1.04 -13.90	28.30 1.53 -6.87	36.53 1.72 -12.51	38.90 2.26 -7.72	43.29 3.01 -1.21	46.79 3.22 -0.01	37.47 2.37 -3.01	31.24 2.45 -0.01	28.74 2.06 0.00
HEWLETT_69_KV_BK3 55828	29.97 0.95 -17.71	27.68 1.03 -13.45	26.14 1.02 -11.72	26.95 0.88 -12.72	26.27 0.96 -10.78	26.52 1.18 -5.95	28.44 1.17 -9.49	27.17 1.67 -3.53	27.70 1.48 -7.19	29.70 1.24 -11.30	30.40 1.28 -12.04	29.59 1.11 -14.44	28.94 1.08 -13.81	28.28 1.35 -9.39	28.95 1.13 -13.84	28.98 1.16 -13.91	28.44 1.67 -6.87	37.16 1.90 -12.96	39.50 2.46 -8.12	43.66 3.28 -1.30	47.10 3.53 -0.01	37.99 2.63 -3.26	31.53 2.73 -0.01	29.01 2.32 0.00
HICKLING___1 23621	15.52 -0.24 -4.46	16.27 -0.32 -3.39	16.02 -0.34 -2.95	16.17 -0.39 -3.20	16.81 -0.44 -2.71	20.28 -0.60 -1.50	19.69 -0.48 -2.39	22.29 -0.57 -0.89	20.30 -0.53 -1.81	19.51 -0.50 -2.84	19.56 -0.55 -3.03	17.19 -0.48 -3.63	17.09 -0.44 -3.47	19.34 -0.56 -2.36	17.02 -0.45 -3.48	16.98 -0.43 -3.50	20.99 -0.64 -1.72	23.31 -0.80 -1.80	28.65 -1.01 -0.74	38.41 -0.70 -0.04	43.03 -0.52 0.00	31.90 -0.19 0.00	28.55 -0.23 0.00	26.50 -0.19 0.00
HICKLING___2 23622	15.52 -0.24 -4.46	16.27 -0.32 -3.39	16.02 -0.34 -2.95	16.17 -0.39 -3.20	16.81 -0.44 -2.71	20.28 -0.60 -1.50	19.69 -0.48 -2.39	22.29 -0.57 -0.89	20.30 -0.53 -1.81	19.51 -0.50 -2.84	19.56 -0.55 -3.03	17.19 -0.48 -3.63	17.09 -0.44 -3.47	19.34 -0.56 -2.36	17.02 -0.45 -3.48	16.98 -0.43 -3.50	20.99 -0.64 -1.72	23.31 -0.80 -1.80	28.65 -1.01 -0.74	38.41 -0.70 -0.04	43.03 -0.52 0.00	31.90 -0.19 0.00	28.55 -0.23 0.00	26.50 -0.19 0.00
HIGH FALLS___HY 23754	29.65 0.66 -17.69	27.40 0.77 -13.44	25.86 0.75 -11.71	26.77 0.71 -12.70	26.06 0.76 -10.77	26.28 0.95 -5.94	28.18 0.92 -9.48	26.64 1.14 -3.53	27.23 1.03 -7.18	29.36 0.91 -11.29	29.97 0.87 -12.03	29.19 0.73 -14.42	28.57 0.73 -13.79	27.83 0.91 -9.38	28.53 0.73 -13.82	28.52 0.72 -13.87	27.80 1.05 -6.84	30.76 1.29 -7.16	33.75 1.88 -2.95	41.82 2.58 -0.17	46.34 2.79 0.00	34.11 2.02 0.00	30.60 1.81 0.00	28.29 1.60 0.00
HIGH_RIVER___SOLAR 323847	35.28 0.54 -23.43	31.62 0.62 -17.79	29.55 0.64 -15.50	30.80 0.63 -16.82	29.47 0.68 -14.26	28.15 0.89 -7.87	31.15 0.82 -12.55	27.63 0.99 -4.67	29.27 0.74 -9.50	32.73 0.62 -14.95	33.63 0.63 -15.93	33.61 0.48 -19.10	32.77 0.46 -18.26	30.54 0.58 -12.43	32.72 0.43 -18.31	32.68 0.39 -18.37	29.52 0.56 -9.06	32.55 0.76 -9.48	34.27 1.45 -3.90	41.60 2.30 -0.22	46.17 2.61 0.00	34.05 1.96 0.00	30.42 1.64 0.00	28.13 1.44 0.00

HILLBURN___GT 23639	28.80 0.67 -16.83	26.74 0.77 -12.78	25.30 0.76 -11.13	26.13 0.69 -12.08	25.53 0.76 -10.24	25.97 0.93 -5.65	27.70 0.91 -9.02	26.51 1.19 -3.35	26.95 1.10 -6.82	28.89 0.99 -10.74	29.47 0.96 -11.44	28.55 0.80 -13.72	27.98 0.81 -13.11	27.48 1.02 -8.92	27.94 0.81 -13.15	27.92 0.81 -13.19	27.59 1.17 -6.51	30.48 1.36 -6.81	33.58 1.85 -2.80	41.74 2.50 -0.16	46.26 2.70 0.00	34.08 1.99 0.00	30.57 1.79 0.00	28.26 1.57 0.00
HILLSIDE_115KV_TB1 80332	15.64 -0.28 -4.62	16.34 -0.37 -3.51	16.07 -0.39 -3.06	16.25 -0.43 -3.32	16.85 -0.49 -2.81	20.26 -0.68 -1.55	19.69 -0.57 -2.48	22.23 -0.66 -0.92	20.29 -0.61 -1.87	19.56 -0.55 -2.95	19.60 -0.61 -3.14	17.27 -0.53 -3.77	17.17 -0.48 -3.60	19.36 -0.63 -2.45	17.10 -0.49 -3.61	17.07 -0.47 -3.62	20.97 -0.72 -1.79	23.28 -0.89 -1.87	28.53 -1.16 -0.77	38.10 -1.02 -0.04	42.60 -0.96 0.00	31.58 -0.51 0.00	28.26 -0.52 0.00	26.23 -0.45 0.00
HISHELDN_WT_PWR 323625	13.67 -0.80 -3.16	14.63 -0.98 -2.40	14.48 -1.02 -2.09	14.53 -1.09 -2.27	15.18 -1.28 -1.92	18.78 -1.67 -1.06	18.01 -1.46 -1.69	20.78 -1.82 -0.63	18.65 -1.66 -1.28	17.67 -1.51 -2.02	17.59 -1.64 -2.15	15.27 -1.35 -2.58	15.26 -1.25 -2.46	17.67 -1.54 -1.68	15.29 -1.16 -2.47	15.29 -1.11 -2.48	19.53 -1.59 -1.22	21.64 -1.94 -1.28	26.99 -2.46 -0.53	36.29 -2.81 -0.03	40.77 -2.79 0.00	30.45 -1.64 0.00	27.28 -1.50 0.00	25.46 -1.23 0.00
HOLTSVILLE_IC_1 23690	30.05 1.03 -17.71	27.72 1.07 -13.45	26.22 1.10 -11.72	26.98 0.91 -12.72	26.33 1.02 -10.78	26.54 1.20 -5.95	28.53 1.26 -9.49	27.33 1.82 -3.53	27.81 1.60 -7.19	29.70 1.24 -11.30	30.36 1.25 -12.04	29.57 1.10 -14.44	28.92 1.07 -13.81	28.26 1.33 -9.39	29.00 1.17 -13.84	29.09 1.27 -13.90	28.66 1.89 -6.86	35.21 2.16 -10.74	37.92 2.86 -6.14	43.81 3.87 -0.87	47.66 4.09 -0.01	37.02 2.92 -2.01	31.73 2.94 -0.01	29.22 2.54 0.00
HOLTSVILLE_IC_10 23699	30.10 1.09 -17.71	27.79 1.14 -13.45	26.28 1.15 -11.72	27.03 0.96 -12.72	26.39 1.08 -10.78	26.61 1.28 -5.95	28.58 1.32 -9.49	27.41 1.91 -3.53	27.89 1.67 -7.19	29.75 1.29 -11.30	30.43 1.31 -12.04	29.61 1.14 -14.44	28.96 1.11 -13.81	28.33 1.40 -9.39	29.05 1.23 -13.84	29.14 1.32 -13.90	28.74 1.97 -6.86	35.37 2.30 -10.77	38.12 3.04 -6.16	44.05 4.10 -0.87	47.92 4.36 -0.01	37.23 3.11 -2.03	31.87 3.08 -0.01	29.36 2.67 0.00
HOLTSVILLE_IC_2 23691	30.05 1.03 -17.71	27.72 1.07 -13.45	26.22 1.10 -11.72	26.98 0.91 -12.72	26.33 1.02 -10.78	26.54 1.20 -5.95	28.53 1.26 -9.49	27.33 1.82 -3.53	27.81 1.60 -7.19	29.70 1.24 -11.30	30.36 1.25 -12.04	29.57 1.10 -14.44	28.92 1.07 -13.81	28.26 1.33 -9.39	29.00 1.17 -13.84	29.09 1.27 -13.90	28.66 1.89 -6.86	35.21 2.16 -10.74	37.92 2.86 -6.14	43.81 3.87 -0.87	47.66 4.09 -0.01	37.02 2.92 -2.01	31.73 2.94 -0.01	29.22 2.54 0.00
HOLTSVILLE_IC_3 23692	30.05 1.03 -17.71	27.72 1.07 -13.45	26.22 1.10 -11.72	26.98 0.91 -12.72	26.33 1.02 -10.78	26.54 1.20 -5.95	28.53 1.26 -9.49	27.33 1.82 -3.53	27.81 1.60 -7.19	29.70 1.24 -11.30	30.36 1.25 -12.04	29.57 1.10 -14.44	28.92 1.07 -13.81	28.26 1.33 -9.39	29.00 1.17 -13.84	29.09 1.27 -13.90	28.66 1.89 -6.86	35.21 2.16 -10.74	37.92 2.86 -6.14	43.81 3.87 -0.87	47.66 4.09 -0.01	37.02 2.92 -2.01	31.73 2.94 -0.01	29.22 2.54 0.00
HOLTSVILLE_IC_4 23693	30.05 1.03 -17.71	27.72 1.07 -13.45	26.22 1.10 -11.72	26.98 0.91 -12.72	26.33 1.02 -10.78	26.54 1.20 -5.95	28.53 1.26 -9.49	27.33 1.82 -3.53	27.81 1.60 -7.19	29.70 1.24 -11.30	30.36 1.25 -12.04	29.57 1.10 -14.44	28.92 1.07 -13.81	28.26 1.33 -9.39	29.00 1.17 -13.84	29.09 1.27 -13.90	28.66 1.89 -6.86	35.21 2.16 -10.74	37.92 2.86 -6.14	43.81 3.87 -0.87	47.66 4.09 -0.01	37.02 2.92 -2.01	31.73 2.94 -0.01	29.22 2.54 0.00
HOLTSVILLE_IC_5 23694	30.05 1.03 -17.71	27.72 1.07 -13.45	26.22 1.10 -11.72	26.98 0.91 -12.72	26.33 1.02 -10.78	26.54 1.20 -5.95	28.53 1.26 -9.49	27.33 1.82 -3.53	27.81 1.60 -7.19	29.70 1.24 -11.30	30.36 1.25 -12.04	29.57 1.10 -14.44	28.92 1.07 -13.81	28.26 1.33 -9.39	29.00 1.17 -13.84	29.09 1.27 -13.90	28.66 1.89 -6.86	35.21 2.16 -10.74	37.92 2.86 -6.14	43.81 3.87 -0.87	47.66 4.09 -0.01	37.02 2.92 -2.01	31.73 2.94 -0.01	29.22 2.54 0.00
HOLTSVILLE_IC_6 23695	30.10 1.09 -17.71	27.79 1.14 -13.45	26.28 1.15 -11.72	27.03 0.96 -12.72	26.39 1.08 -10.78	26.61 1.28 -5.95	28.58 1.32 -9.49	27.41 1.91 -3.53	27.89 1.67 -7.19	29.75 1.29 -11.30	30.43 1.31 -12.04	29.61 1.14 -14.44	28.96 1.11 -13.81	28.33 1.40 -9.39	29.05 1.23 -13.84	29.14 1.32 -13.90	28.74 1.97 -6.86	35.37 2.30 -10.77	38.12 3.04 -6.16	44.05 4.10 -0.87	47.92 4.36 -0.01	37.23 3.11 -2.03	31.87 3.08 -0.01	29.36 2.67 0.00
HOLTSVILLE_IC_7 23696	30.10 1.09 -17.71	27.79 1.14 -13.45	26.28 1.15 -11.72	27.03 0.96 -12.72	26.39 1.08 -10.78	26.61 1.28 -5.95	28.58 1.32 -9.49	27.41 1.91 -3.53	27.89 1.67 -7.19	29.75 1.29 -11.30	30.43 1.31 -12.04	29.61 1.14 -14.44	28.96 1.11 -13.81	28.33 1.40 -9.39	29.05 1.23 -13.84	29.14 1.32 -13.90	28.74 1.97 -6.86	35.37 2.30 -10.77	38.12 3.04 -6.16	44.05 4.10 -0.87	47.92 4.36 -0.01	37.23 3.11 -2.03	31.87 3.08 -0.01	29.36 2.67 0.00
HOLTSVILLE_IC_8 23697	30.10 1.09 -17.71	27.79 1.14 -13.45	26.28 1.15 -11.72	27.03 0.96 -12.72	26.39 1.08 -10.78	26.61 1.28 -5.95	28.58 1.32 -9.49	27.41 1.91 -3.53	27.89 1.67 -7.19	29.75 1.29 -11.30	30.43 1.31 -12.04	29.61 1.14 -14.44	28.96 1.11 -13.81	28.33 1.40 -9.39	29.05 1.23 -13.84	29.14 1.32 -13.90	28.74 1.97 -6.86	35.37 2.30 -10.77	38.12 3.04 -6.16	44.05 4.10 -0.87	47.92 4.36 -0.01	37.23 3.11 -2.03	31.87 3.08 -0.01	29.36 2.67 0.00
HOLTSVILLE_IC_9 23698	30.10 1.09 -17.71	27.79 1.14 -13.45	26.28 1.15 -11.72	27.03 0.96 -12.72	26.39 1.08 -10.78	26.61 1.28 -5.95	28.58 1.32 -9.49	27.41 1.91 -3.53	27.89 1.67 -7.19	29.75 1.29 -11.30	30.43 1.31 -12.04	29.61 1.14 -14.44	28.96 1.11 -13.81	28.33 1.40 -9.39	29.05 1.23 -13.84	29.14 1.32 -13.90	28.74 1.97 -6.86	35.37 2.30 -10.77	38.12 3.04 -6.16	44.05 4.10 -0.87	47.92 4.36 -0.01	37.23 3.11 -2.03	31.87 3.08 -0.01	29.36 2.67 0.00
HOMER_HL_115KV_TB2 355744	13.92 -0.77 -3.38	14.84 -0.92 -2.57	14.67 -0.97 -2.24	14.74 -1.04 -2.43	15.38 -1.21 -2.06	18.93 -1.59 -1.14	18.17 -1.42 -1.81	20.91 -1.74 -0.67	18.88 -1.52 -1.37	17.91 -1.41 -2.16	17.82 -1.55 -2.30	15.50 -1.29 -2.76	15.46 -1.22 -2.63	17.77 -1.56 -1.79	15.43 -1.19 -2.64	15.42 -1.16 -2.65	19.54 -1.67 -1.31	21.58 -2.10 -1.37	26.71 -2.78 -0.56	36.57 -2.54 -0.03	41.07 -2.48 0.00	30.65 -1.44 0.00	27.43 -1.35 0.00	25.54 -1.15 0.00
HOWARD_WT_PWR 323690	14.14 -0.88 -3.72	14.94 -1.08 -2.82	14.74 -1.13 -2.46	14.83 -1.19 -2.67	15.47 -1.32 -2.26	18.91 -1.73 -1.25	18.26 -1.51 -1.99	20.80 -1.91 -0.74	18.76 -1.77 -1.51	17.90 -1.63 -2.37	17.89 -1.71 -2.53	15.65 -1.42 -3.03	15.58 -1.36 -2.90	17.84 -1.67 -1.97	15.61 -1.27 -2.90	15.62 -1.21 -2.91	19.67 -1.67 -1.44	21.98 -1.83 -1.50	27.46 -2.08 -0.62	37.28 -1.84 -0.04	41.90 -1.66 0.00	31.19 -0.90 0.00	27.92 -0.86 0.00	26.21 -0.48 0.00

HQ_GEN_CEDARS 23644	11.08 -0.23 0.00	12.98 -0.22 0.00	13.20 -0.20 0.00	13.22 -0.13 0.00	14.39 -0.15 0.00	19.23 -0.16 0.00	17.55 -0.23 0.00	21.58 -0.40 0.00	18.57 -0.46 0.00	16.76 -0.39 0.00	16.75 -0.32 0.00	13.80 -0.24 0.00	13.78 -0.27 0.00	17.24 -0.30 0.00	13.73 -0.25 0.00	13.70 -0.22 0.00	19.58 -0.32 0.00	22.01 -0.29 0.00	28.72 -0.20 0.00	38.69 -0.39 0.00	43.12 -0.44 0.00	31.58 -0.51 0.00	28.38 -0.40 0.00	26.37 -0.32 0.00
HQ_GEN_CEDARS_PROXY 323590	11.08 -0.23 0.00	12.98 -0.22 0.00	13.20 -0.20 0.00	13.22 -0.13 0.00	14.39 -0.15 0.00	19.23 -0.16 0.00	17.55 -0.23 0.00	21.58 -0.39 0.00	18.57 -0.46 0.00	16.77 -0.39 0.00	16.75 -0.32 0.00	13.80 -0.24 0.00	13.78 -0.27 0.00	17.24 -0.30 0.00	13.73 -0.25 0.00	13.70 -0.22 0.00	19.58 -0.32 0.00	22.01 -0.29 0.00	28.72 -0.20 0.00	38.69 -0.39 0.00	43.12 -0.44 0.00	31.58 -0.51 0.00	28.38 -0.40 0.00	26.37 -0.32 0.00
HQ_GEN_IMPORT 323601	11.16 -0.15 0.00	13.06 -0.14 0.00	13.27 -0.13 0.00	13.25 -0.11 0.00	14.42 -0.12 0.00	19.25 -0.13 0.00	17.62 -0.16 0.00	21.73 -0.24 0.00	18.78 -0.25 0.00	16.94 -0.22 0.00	16.89 -0.19 0.00	13.88 -0.15 0.00	13.89 -0.15 0.00	17.34 -0.19 0.00	13.83 -0.15 0.00	13.78 -0.14 0.00	19.70 -0.20 0.00	22.10 -0.20 0.00	28.72 -0.20 0.00	38.72 -0.35 0.00	43.16 -0.39 0.00	31.74 -0.35 0.00	28.49 -0.29 0.00	26.45 -0.24 0.00
HQ_GEN_WHEEL 23651	11.16 -0.15 0.00	13.06 -0.14 0.00	13.27 -0.13 0.00	13.25 -0.11 0.00	14.42 -0.12 0.00	19.25 -0.13 0.00	17.62 -0.16 0.00	21.73 -0.24 0.00	18.78 -0.25 0.00	16.94 -0.22 0.00	16.89 -0.19 0.00	13.88 -0.15 0.00	13.89 -0.15 0.00	17.34 -0.19 0.00	13.83 -0.15 0.00	13.78 -0.14 0.00	19.70 -0.20 0.00	22.10 -0.20 0.00	28.72 -0.20 0.00	38.72 -0.35 0.00	43.16 -0.39 0.00	31.74 -0.35 0.00	28.49 -0.29 0.00	26.45 -0.24 0.00
HUDSON_AVE_GT_3 23810	29.78 0.77 -17.71	27.53 0.88 -13.45	25.99 0.87 -11.72	26.86 0.79 -12.71	26.17 0.86 -10.78	26.42 1.09 -5.95	28.32 1.05 -9.49	26.87 1.36 -3.53	27.48 1.27 -7.18	29.63 1.17 -11.30	30.20 1.09 -12.04	29.40 0.93 -14.44	28.79 0.94 -13.80	28.10 1.17 -9.39	28.75 0.94 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.06 1.58 -7.17	33.98 2.11 -2.95	42.06 2.81 -0.17	46.56 3.01 0.00	34.30 2.21 0.00	30.83 2.04 0.00	28.50 1.81 0.00
HUDSON_AVE_GT_4 23540	29.78 0.77 -17.71	27.53 0.88 -13.45	25.99 0.87 -11.72	26.86 0.79 -12.71	26.17 0.86 -10.78	26.42 1.09 -5.95	28.32 1.05 -9.49	26.87 1.36 -3.53	27.48 1.27 -7.18	29.63 1.17 -11.30	30.20 1.09 -12.04	29.40 0.93 -14.44	28.79 0.94 -13.80	28.10 1.17 -9.39	28.75 0.94 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.06 1.58 -7.17	33.98 2.11 -2.95	42.06 2.81 -0.17	46.56 3.01 0.00	34.30 2.21 0.00	30.83 2.04 0.00	28.50 1.81 0.00
HUDSON_AVE_GT_5 23657	29.78 0.77 -17.71	27.53 0.88 -13.45	25.99 0.87 -11.72	26.86 0.79 -12.71	26.17 0.86 -10.78	26.42 1.09 -5.95	28.32 1.05 -9.49	26.87 1.36 -3.53	27.48 1.27 -7.18	29.63 1.17 -11.30	30.20 1.09 -12.04	29.40 0.93 -14.44	28.79 0.94 -13.80	28.10 1.17 -9.39	28.75 0.94 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.06 1.58 -7.17	33.98 2.11 -2.95	42.06 2.81 -0.17	46.56 3.01 0.00	34.30 2.21 0.00	30.83 2.04 0.00	28.50 1.81 0.00
HUDSON_AVE_10 24168	29.76 0.75 -17.71	27.51 0.86 -13.45	25.98 0.86 -11.72	26.83 0.76 -12.71	26.12 0.81 -10.78	26.38 1.05 -5.95	28.30 1.03 -9.49	26.84 1.34 -3.53	27.47 1.26 -7.18	29.61 1.15 -11.30	30.17 1.06 -12.04	29.37 0.90 -14.44	28.76 0.91 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.71 0.90 -13.89	28.07 1.31 -6.85	31.01 1.54 -7.17	33.95 2.08 -2.95	41.98 2.74 -0.17	46.47 2.92 0.00	34.27 2.18 0.00	30.77 1.99 0.00	28.48 1.79 0.00
HUDSON___115KV_TB 4 355613	32.76 0.35 -21.10	29.64 0.41 -16.03	27.78 0.42 -13.96	28.91 0.40 -15.15	27.81 0.44 -12.84	27.08 0.60 -7.09	29.62 0.53 -11.31	26.86 0.68 -4.21	28.16 0.57 -8.56	31.13 0.50 -13.47	31.91 0.50 -14.34	31.62 0.38 -17.20	30.86 0.37 -16.45	29.17 0.44 -11.19	30.83 0.36 -16.49	30.85 0.38 -16.55	28.60 0.54 -8.16	31.56 0.71 -8.54	33.62 1.19 -3.52	41.19 1.91 -0.20	45.69 2.13 0.00	33.69 1.60 0.00	30.16 1.38 0.00	28.02 1.33 0.00
HUNTER MOUNT___DRP 323613	32.22 0.29 -20.62	29.20 0.34 -15.66	27.39 0.35 -13.64	28.49 0.33 -14.80	27.46 0.38 -12.55	26.81 0.50 -6.93	29.29 0.46 -11.05	26.65 0.57 -4.11	27.85 0.46 -8.36	30.71 0.39 -13.16	31.50 0.41 -14.01	31.14 0.29 -16.81	30.38 0.27 -16.07	28.80 0.33 -10.93	30.37 0.28 -16.11	30.37 0.28 -16.17	28.28 0.40 -7.98	31.23 0.58 -8.35	33.43 1.07 -3.44	41.34 2.07 -0.20	45.91 2.35 0.00	33.82 1.73 0.00	30.28 1.50 0.00	28.13 1.44 0.00
HUNTINGTON_RES_REC 323705	30.00 0.98 -17.71	27.68 1.03 -13.45	26.17 1.05 -11.72	26.94 0.87 -12.72	26.27 0.96 -10.78	26.50 1.16 -5.95	28.46 1.19 -9.49	27.24 1.74 -3.53	27.73 1.52 -7.19	29.66 1.20 -11.30	30.36 1.25 -12.04	29.56 1.08 -14.44	28.91 1.05 -13.81	28.26 1.33 -9.39	28.97 1.15 -13.84	29.05 1.23 -13.90	28.58 1.81 -6.86	35.16 2.07 -10.78	37.70 2.60 -6.18	43.43 3.48 -0.87	47.22 3.66 -0.01	36.85 2.73 -2.04	31.67 2.88 -0.01	29.12 2.43 0.00
HUNTLEY___63 23557	13.44 -0.63 -2.77	14.53 -0.78 -2.10	14.42 -0.82 -1.83	14.42 -0.92 -1.99	15.09 -1.13 -1.69	18.84 -1.47 -0.93	17.96 -1.30 -1.48	20.90 -1.63 -0.55	18.70 -1.45 -1.12	17.62 -1.30 -1.77	17.49 -1.47 -1.88	15.09 -1.21 -2.26	15.08 -1.12 -2.16	17.58 -1.42 -1.47	15.08 -1.06 -2.16	15.09 -1.00 -2.17	19.54 -1.43 -1.07	21.55 -1.87 -1.12	26.87 -2.52 -0.46	35.82 -3.28 -0.03	40.29 -3.27 0.00	30.13 -1.96 0.00	26.97 -1.81 0.00	25.19 -1.49 0.00
HUNTLEY___64 23558	13.44 -0.63 -2.77	14.53 -0.78 -2.10	14.42 -0.82 -1.83	14.42 -0.92 -1.99	15.09 -1.13 -1.69	18.84 -1.47 -0.93	17.96 -1.30 -1.48	20.90 -1.63 -0.55	18.70 -1.45 -1.12	17.62 -1.30 -1.77	17.49 -1.47 -1.88	15.09 -1.21 -2.26	15.08 -1.12 -2.16	17.58 -1.42 -1.47	15.08 -1.06 -2.16	15.09 -1.00 -2.17	19.54 -1.43 -1.07	21.55 -1.87 -1.12	26.87 -2.52 -0.46	35.82 -3.28 -0.03	40.29 -3.27 0.00	30.13 -1.96 0.00	26.97 -1.81 0.00	25.19 -1.49 0.00
HUNTLEY___65 23559	13.44 -0.63 -2.77	14.53 -0.78 -2.10	14.42 -0.82 -1.83	14.42 -0.92 -1.99	15.09 -1.13 -1.69	18.84 -1.47 -0.93	17.96 -1.30 -1.48	20.90 -1.63 -0.55	18.70 -1.45 -1.12	17.62 -1.30 -1.77	17.49 -1.47 -1.88	15.09 -1.21 -2.26	15.08 -1.12 -2.16	17.58 -1.42 -1.47	15.08 -1.06 -2.16	15.09 -1.00 -2.17	19.54 -1.43 -1.07	21.55 -1.87 -1.12	26.87 -2.52 -0.46	35.82 -3.28 -0.03	40.29 -3.27 0.00	30.13 -1.96 0.00	26.97 -1.81 0.00	25.19 -1.49 0.00
HUNTLEY___66 23560	13.44 -0.63 -2.77	14.53 -0.78 -2.10	14.42 -0.82 -1.83	14.42 -0.92 -1.99	15.09 -1.13 -1.69	18.84 -1.47 -0.93	17.96 -1.30 -1.48	20.90 -1.63 -0.55	18.70 -1.45 -1.12	17.62 -1.30 -1.77	17.49 -1.47 -1.88	15.09 -1.21 -2.26	15.08 -1.12 -2.16	17.58 -1.42 -1.47	15.08 -1.06 -2.16	15.09 -1.00 -2.17	19.54 -1.43 -1.07	21.55 -1.87 -1.12	26.87 -2.52 -0.46	35.82 -3.28 -0.03	40.29 -3.27 0.00	30.13 -1.96 0.00	26.97 -1.81 0.00	25.19 -1.49 0.00

HUNTLEY___67 23561	13.44 -0.69 -2.83	14.50 -0.84 -2.15	14.39 -0.88 -1.87	14.40 -0.99 -2.03	15.08 -1.18 -1.72	18.80 -1.53 -0.95	17.94 -1.35 -1.51	20.89 -1.65 -0.56	18.71 -1.47 -1.15	17.66 -1.30 -1.80	17.53 -1.47 -1.92	15.13 -1.21 -2.30	15.13 -1.12 -2.20	17.61 -1.42 -1.50	15.13 -1.06 -2.21	15.12 -1.02 -2.22	19.52 -1.47 -1.09	21.55 -1.90 -1.14	26.82 -2.57 -0.47	35.74 -3.36 -0.03	40.20 -3.35 0.00	30.04 -2.05 0.00	26.91 -1.87 0.00	25.14 -1.55 0.00
HUNTLEY___68 23562	13.44 -0.69 -2.83	14.50 -0.84 -2.15	14.39 -0.88 -1.87	14.40 -0.99 -2.03	15.08 -1.18 -1.72	18.80 -1.53 -0.95	17.94 -1.35 -1.51	20.89 -1.65 -0.56	18.71 -1.47 -1.15	17.66 -1.30 -1.80	17.53 -1.47 -1.92	15.13 -1.21 -2.30	15.13 -1.12 -2.20	17.61 -1.42 -1.50	15.13 -1.06 -2.21	15.12 -1.02 -2.22	19.52 -1.47 -1.09	21.55 -1.90 -1.14	26.82 -2.57 -0.47	35.74 -3.36 -0.03	40.20 -3.35 0.00	30.04 -2.05 0.00	26.91 -1.87 0.00	25.14 -1.55 0.00
HYLAND___LFGE 323620	14.27 -0.10 -3.07	15.37 -0.16 -2.33	15.25 -0.19 -2.03	15.33 -0.23 -2.20	16.11 -0.29 -1.87	20.06 -0.35 -1.03	19.12 -0.30 -1.64	22.12 -0.46 -0.61	19.55 -0.72 -1.24	18.29 -0.82 -1.96	18.15 -1.01 -2.08	15.64 -0.90 -2.50	15.55 -0.88 -2.39	18.00 -1.16 -1.63	15.54 -0.84 -2.40	15.53 -0.79 -2.40	20.05 -1.04 -1.19	22.45 -1.09 -1.24	28.48 -0.95 -0.51	38.83 -0.27 -0.03	43.99 0.44 0.00	32.44 0.35 0.00	28.96 0.17 0.00	26.79 0.11 0.00
INDECK___CORINTH 23802	34.12 0.64 -22.17	30.78 0.74 -16.84	28.84 0.76 -14.67	30.01 0.73 -15.92	28.84 0.81 -13.49	27.90 1.07 -7.45	30.65 0.99 -11.88	27.69 1.30 -4.42	29.18 1.16 -8.99	32.41 1.10 -14.15	33.32 1.18 -15.07	33.00 0.88 -18.08	32.19 0.86 -17.28	30.31 1.02 -11.76	32.16 0.85 -17.32	32.17 0.86 -17.39	29.63 1.15 -8.58	32.69 1.41 -8.98	34.64 2.02 -3.70	42.22 2.93 -0.21	46.78 3.22 0.00	34.43 2.34 0.00	30.74 1.96 0.00	28.42 1.73 0.00
INDECK___ILION 23567	11.33 0.02 0.00	13.23 0.03 0.00	13.43 0.03 0.00	13.38 0.03 0.00	14.56 0.03 0.00	19.42 0.04 0.00	17.80 0.02 0.00	22.02 0.04 0.00	19.06 0.04 0.00	17.19 0.03 0.00	17.11 0.03 0.00	14.06 0.03 0.00	14.06 0.01 0.00	17.55 0.02 0.00	14.00 0.01 0.00	13.92 0.00 0.00	19.92 0.02 0.00	22.33 0.02 0.00	29.07 0.14 0.00	39.31 0.23 0.00	43.82 0.26 0.00	32.28 0.19 0.00	28.98 0.20 0.00	26.85 0.16 0.00
INDECK___OLEAN 23982	13.92 -0.77 -3.38	14.84 -0.92 -2.57	14.67 -0.97 -2.24	14.74 -1.04 -2.43	15.38 -1.21 -2.06	18.93 -1.59 -1.14	18.17 -1.42 -1.81	20.93 -1.71 -0.67	18.87 -1.52 -1.37	17.91 -1.41 -2.16	17.82 -1.55 -2.30	15.50 -1.29 -2.76	15.46 -1.22 -2.63	17.77 -1.56 -1.79	15.43 -1.19 -2.64	15.42 -1.16 -2.65	19.54 -1.67 -1.31	21.57 -2.10 -1.37	26.71 -2.78 -0.56	36.61 -2.50 -0.03	41.08 -2.48 0.00	30.65 -1.44 0.00	27.43 -1.35 0.00	25.54 -1.15 0.00
INDECK___OSWEGO 23783	12.47 -0.23 -1.39	13.98 -0.28 -1.05	14.03 -0.29 -0.92	14.05 -0.31 -1.00	15.05 -0.33 -0.85	19.40 -0.45 -0.47	18.13 -0.39 -0.74	21.79 -0.46 -0.28	19.19 -0.40 -0.56	17.68 -0.36 -0.89	17.66 -0.36 -0.94	14.86 -0.31 -1.13	14.82 -0.31 -1.08	17.87 -0.40 -0.74	14.73 -0.34 -1.08	14.68 -0.33 -1.09	19.96 -0.48 -0.54	22.26 -0.60 -0.56	28.23 -0.93 -0.23	37.92 -1.17 -0.01	42.29 -1.26 0.00	31.19 -0.90 0.00	27.98 -0.81 0.00	25.91 -0.77 0.00
INDECK___YERKES 23781	13.45 -0.62 -2.77	14.54 -0.77 -2.10	14.43 -0.80 -1.83	14.42 -0.92 -1.99	15.10 -1.12 -1.69	18.86 -1.45 -0.93	17.98 -1.28 -1.48	20.92 -1.60 -0.55	18.72 -1.43 -1.12	17.62 -1.30 -1.77	17.49 -1.47 -1.88	15.09 -1.21 -2.26	15.08 -1.12 -2.16	17.60 -1.40 -1.47	15.08 -1.06 -2.16	15.09 -1.00 -2.17	19.54 -1.43 -1.07	21.57 -1.85 -1.12	26.90 -2.49 -0.46	35.86 -3.24 -0.03	40.33 -3.22 0.00	30.13 -1.96 0.00	27.00 -1.78 0.00	25.22 -1.47 0.00
INDIAN POINT_GT_1 24139	29.49 0.66 -17.53	27.28 0.77 -13.31	25.75 0.75 -11.60	26.63 0.69 -12.58	25.94 0.74 -10.67	26.20 0.93 -5.89	28.08 0.91 -9.39	26.65 1.19 -3.49	27.24 1.10 -7.11	29.32 0.98 -11.19	29.93 0.94 -11.91	29.13 0.80 -14.29	28.51 0.80 -13.66	27.85 1.02 -9.30	28.49 0.81 -13.70	28.48 0.81 -13.75	27.86 1.17 -6.78	30.78 1.38 -7.10	33.69 1.85 -2.92	41.74 2.50 -0.17	46.26 2.70 0.00	34.08 1.99 0.00	30.57 1.78 0.00	28.29 1.60 0.00
INDIAN POINT_GT_2 23659	29.49 0.66 -17.53	27.28 0.77 -13.31	25.75 0.75 -11.60	26.63 0.69 -12.58	25.94 0.74 -10.67	26.20 0.93 -5.89	28.08 0.91 -9.39	26.65 1.19 -3.49	27.24 1.10 -7.11	29.32 0.98 -11.19	29.93 0.94 -11.91	29.13 0.80 -14.29	28.51 0.80 -13.66	27.85 1.02 -9.30	28.49 0.81 -13.70	28.48 0.81 -13.75	27.86 1.17 -6.78	30.78 1.38 -7.10	33.69 1.85 -2.92	41.74 2.50 -0.17	46.26 2.70 0.00	34.08 1.99 0.00	30.57 1.78 0.00	28.29 1.60 0.00
INDIAN POINT_GT_3 24019	29.49 0.66 -17.53	27.28 0.77 -13.31	25.75 0.75 -11.60	26.63 0.69 -12.58	25.94 0.74 -10.67	26.20 0.93 -5.89	28.08 0.91 -9.39	26.65 1.19 -3.49	27.24 1.10 -7.11	29.32 0.98 -11.19	29.93 0.94 -11.91	29.13 0.80 -14.29	28.51 0.80 -13.66	27.85 1.02 -9.30	28.49 0.81 -13.70	28.48 0.81 -13.75	27.86 1.17 -6.78	30.78 1.38 -7.10	33.69 1.85 -2.92	41.74 2.50 -0.17	46.26 2.70 0.00	34.08 1.99 0.00	30.57 1.78 0.00	28.29 1.60 0.00
INDIAN POINT___2 23530	29.25 0.64 -17.30	27.09 0.75 -13.14	25.60 0.75 -11.44	26.45 0.68 -12.42	25.80 0.74 -10.53	26.11 0.91 -5.81	27.93 0.89 -9.27	26.58 1.16 -3.45	27.13 1.08 -7.02	29.18 0.98 -11.04	29.77 0.94 -11.76	28.92 0.79 -14.10	28.33 0.80 -13.48	27.71 1.00 -9.17	28.29 0.80 -13.51	28.28 0.79 -13.57	27.75 1.15 -6.69	30.64 1.34 -7.00	33.63 1.82 -2.88	41.70 2.46 -0.16	46.17 2.61 0.00	34.01 1.93 0.00	30.54 1.76 0.00	28.23 1.55 0.00
INDIAN POINT___3 23531	29.48 0.64 -17.54	27.27 0.75 -13.32	25.76 0.75 -11.60	26.63 0.68 -12.59	25.95 0.74 -10.67	26.21 0.93 -5.89	28.08 0.91 -9.40	26.63 1.16 -3.50	27.22 1.08 -7.11	29.33 0.98 -11.19	29.93 0.94 -11.92	29.12 0.79 -14.29	28.51 0.80 -13.67	27.84 1.00 -9.30	28.48 0.80 -13.70	28.47 0.79 -13.75	27.84 1.15 -6.78	30.76 1.36 -7.10	33.67 1.82 -2.92	41.70 2.46 -0.17	46.21 2.66 0.00	34.05 1.96 0.00	30.54 1.76 0.00	28.26 1.57 0.00
INGHAM_C_115KV_TB7 356103	11.29 -0.01 0.00	13.19 -0.01 0.00	13.39 -0.01 0.00	13.34 -0.01 0.00	14.53 0.00 0.00	19.36 -0.02 0.00	17.71 -0.07 0.00	21.91 -0.07 0.00	18.97 -0.06 0.00	17.11 -0.05 0.00	17.02 -0.05 0.00	13.99 -0.04 0.00	13.99 -0.06 0.00	17.45 -0.09 0.00	13.91 -0.07 0.00	13.84 -0.08 0.00	19.80 -0.10 0.00	22.21 -0.09 0.00	28.98 0.06 0.00	39.23 0.16 0.00	43.77 0.22 0.00	32.25 0.16 0.00	28.98 0.20 0.00	26.87 0.19 0.00
IP CORINTH___1 23988	34.12 0.64 -22.17	30.78 0.74 -16.84	28.84 0.76 -14.67	30.01 0.73 -15.92	28.84 0.81 -13.49	27.90 1.07 -7.45	30.65 1.00 -11.88	27.69 1.30 -4.42	29.18 1.16 -8.99	32.41 1.10 -14.15	33.32 1.18 -15.07	33.00 0.88 -18.08	32.19 0.86 -17.28	30.33 1.03 -11.76	32.17 0.87 -17.32	32.17 0.86 -17.39	29.64 1.15 -8.58	32.69 1.41 -8.98	34.64 2.02 -3.70	42.18 2.89 -0.21	46.78 3.22 0.00	34.43 2.34 0.00	30.74 1.96 0.00	28.42 1.73 0.00

IP___TICONDEROGA 23804	34.51 1.05 -22.15	31.21 1.19 -16.82	29.31 1.25 -14.65	30.47 1.22 -15.90	29.35 1.34 -13.48	28.55 1.73 -7.44	31.25 1.60 -11.87	28.48 2.09 -4.42	29.82 1.81 -8.99	33.03 1.73 -14.14	33.96 1.83 -15.06	33.45 1.36 -18.06	32.62 1.31 -17.26	30.88 1.60 -11.75	32.62 1.33 -17.31	32.61 1.32 -17.37	30.26 1.79 -8.57	33.43 2.16 -8.97	35.82 3.21 -3.69	43.94 4.65 -0.21	48.74 5.18 0.00	35.84 3.75 0.00	31.92 3.14 0.00	29.49 2.80 0.00
ISLIP_RES_REC 323679	30.14 1.12 -17.71	27.82 1.16 -13.45	26.32 1.19 -11.72	27.06 0.99 -12.72	26.42 1.10 -10.78	26.65 1.32 -5.95	28.62 1.35 -9.49	27.48 1.98 -3.53	27.93 1.71 -7.19	29.80 1.34 -11.30	30.48 1.37 -12.04	29.66 1.18 -14.44	29.01 1.15 -13.81	28.37 1.44 -9.39	29.09 1.27 -13.84	29.19 1.37 -13.90	28.80 2.03 -6.86	35.45 2.36 -10.78	38.25 3.15 -6.18	44.25 4.30 -0.87	48.14 4.57 -0.01	37.37 3.24 -2.04	31.99 3.19 -0.01	29.44 2.75 0.00
JAMAICA__27_KV_LOAD 355505	29.77 0.76 -17.71	27.52 0.87 -13.45	25.99 0.87 -11.72	26.83 0.76 -12.71	26.14 0.83 -10.78	26.38 1.05 -5.95	28.33 1.07 -9.49	26.95 1.45 -3.53	27.54 1.33 -7.18	29.68 1.22 -11.30	30.20 1.09 -12.04	29.40 0.93 -14.44	28.79 0.94 -13.80	28.10 1.17 -9.39	28.75 0.94 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.10 1.63 -7.17	34.07 2.20 -2.95	42.10 2.85 -0.17	46.61 3.05 0.00	34.37 2.28 0.00	30.88 2.10 0.00	28.53 1.84 0.00
JANIS___SOLAR 323808	16.32 0.25 -4.77	17.10 0.28 -3.62	16.81 0.25 -3.16	17.01 0.23 -3.43	17.71 0.28 -2.90	21.35 0.37 -1.60	20.72 0.39 -2.56	23.49 0.57 -0.95	21.42 0.46 -1.94	20.51 0.31 -3.04	20.56 0.24 -3.24	18.08 0.15 -3.89	17.87 0.10 -3.72	20.12 0.05 -2.53	17.72 0.01 -3.73	17.66 0.00 -3.74	21.85 0.10 -1.85	24.41 0.18 -1.93	30.29 0.58 -0.80	40.53 1.40 -0.05	45.25 1.70 0.00	33.34 1.25 0.00	29.76 0.98 0.00	27.49 0.80 0.00
JARVIS____ 23743	11.35 0.05 0.00	13.25 0.05 0.00	13.46 0.05 0.00	13.41 0.05 0.00	14.59 0.06 0.00	19.46 0.08 0.00	17.83 0.05 0.00	22.06 0.09 0.00	19.12 0.10 0.00	17.25 0.09 0.00	17.14 0.07 0.00	14.09 0.06 0.00	14.10 0.06 0.00	17.61 0.07 0.00	14.04 0.06 0.00	13.96 0.04 0.00	19.98 0.08 0.00	22.39 0.09 0.00	29.07 0.15 0.00	39.31 0.24 0.00	43.78 0.22 0.00	32.25 0.16 0.00	28.93 0.14 0.00	26.82 0.13 0.00
JENNISON___1 23625	17.69 0.26 -6.12	18.14 0.29 -4.65	17.74 0.28 -4.05	18.00 0.25 -4.39	18.56 0.31 -3.73	21.83 0.39 -2.06	21.45 0.39 -3.28	23.79 0.59 -1.22	22.04 0.53 -2.48	21.50 0.43 -3.91	21.65 0.41 -4.16	19.33 0.31 -4.99	19.10 0.28 -4.77	21.10 0.32 -3.25	18.99 0.22 -4.78	18.89 0.17 -4.80	22.57 0.30 -2.37	25.09 0.31 -2.48	30.69 0.75 -1.02	40.58 1.45 -0.06	45.30 1.74 0.00	33.34 1.25 0.00	29.82 1.04 0.00	27.57 0.88 0.00
JENNISON___2 23626	17.69 0.26 -6.12	18.14 0.29 -4.65	17.74 0.28 -4.05	18.00 0.25 -4.39	18.56 0.31 -3.73	21.83 0.39 -2.06	21.45 0.39 -3.28	23.79 0.59 -1.22	22.04 0.53 -2.48	21.50 0.43 -3.91	21.65 0.41 -4.16	19.33 0.31 -4.99	19.10 0.28 -4.77	21.10 0.32 -3.25	18.99 0.22 -4.78	18.89 0.17 -4.80	22.57 0.30 -2.37	25.09 0.31 -2.48	30.69 0.75 -1.02	40.58 1.45 -0.06	45.30 1.74 0.00	33.34 1.25 0.00	29.82 1.04 0.00	27.57 0.88 0.00
JERICHO_RISE_WT_PWR 323719	10.78 -0.52 0.00	12.70 -0.50 0.00	13.02 -0.39 0.00	13.10 -0.25 0.00	14.33 -0.20 0.00	19.17 -0.21 0.00	17.49 -0.29 0.00	21.40 -0.57 0.00	18.34 -0.68 0.00	16.49 -0.67 0.00	16.48 -0.60 0.00	13.60 -0.44 0.00	13.58 -0.46 0.00	16.97 -0.56 0.00	13.56 -0.42 0.00	13.52 -0.40 0.00	19.37 -0.54 0.00	21.83 -0.47 0.00	28.46 -0.46 0.00	38.10 -0.98 0.00	42.34 -1.22 0.00	30.97 -1.12 0.00	27.95 -0.84 0.00	26.10 -0.59 0.00
KATONAH___115KV_46KV_TB4 355592	29.94 0.70 -17.93	27.64 0.82 -13.62	26.08 0.82 -11.86	26.99 0.76 -12.87	26.26 0.81 -10.91	26.42 1.01 -6.02	28.38 1.00 -9.61	26.82 1.27 -3.57	27.50 1.20 -7.27	29.68 1.08 -11.44	30.30 1.04 -12.19	29.54 0.88 -14.62	28.91 0.89 -13.97	28.17 1.12 -9.51	28.87 0.88 -14.01	28.86 0.88 -14.06	28.11 1.27 -6.94	31.06 1.49 -7.26	33.96 2.05 -2.99	42.02 2.77 -0.17	46.56 3.01 0.00	34.30 2.21 0.00	30.77 1.99 0.00	28.42 1.73 0.00
KCE_NY_1 323755	34.03 0.61 -22.12	30.71 0.71 -16.80	28.76 0.72 -14.63	29.94 0.71 -15.88	28.76 0.77 -13.46	27.82 1.01 -7.43	30.57 0.94 -11.85	27.61 1.23 -4.41	29.08 1.08 -8.97	32.29 1.01 -14.12	33.17 1.06 -15.03	32.88 0.81 -18.03	32.09 0.80 -17.24	30.23 0.96 -11.73	32.06 0.80 -17.28	32.07 0.81 -17.35	29.57 1.11 -8.56	32.57 1.32 -8.95	34.46 1.85 -3.69	41.90 2.62 -0.21	46.48 2.92 0.00	34.24 2.15 0.00	30.63 1.84 0.00	28.34 1.66 0.00
KCE_NY_6_ESR 323823	13.57 -0.68 -2.95	14.61 -0.83 -2.24	14.48 -0.87 -1.95	14.50 -0.97 -2.11	15.16 -1.16 -1.79	18.88 -1.49 -0.99	18.04 -1.32 -1.58	20.93 -1.63 -0.59	18.77 -1.45 -1.19	17.72 -1.32 -1.88	17.61 -1.47 -2.00	15.23 -1.21 -2.40	15.22 -1.12 -2.30	17.68 -1.42 -1.56	15.23 -1.05 -2.30	15.23 -1.00 -2.31	19.61 -1.43 -1.14	21.65 -1.85 -1.19	26.95 -2.46 -0.49	36.17 -2.93 -0.03	40.68 -2.88 0.00	30.39 -1.70 0.00	27.20 -1.58 0.00	25.41 -1.28 0.00
KEDC_PORT_JEFF_GT2 24210	30.10 1.09 -17.71	27.78 1.12 -13.45	26.28 1.15 -11.72	27.03 0.96 -12.72	26.37 1.06 -10.78	26.61 1.28 -5.95	28.58 1.32 -9.49	27.41 1.91 -3.53	27.89 1.67 -7.19	29.75 1.29 -11.30	30.43 1.31 -12.04	29.63 1.15 -14.44	28.96 1.11 -13.81	28.33 1.40 -9.39	29.05 1.23 -13.84	29.14 1.32 -13.90	28.74 1.97 -6.86	35.34 2.28 -10.76	38.09 3.01 -6.16	44.05 4.10 -0.87	47.88 4.31 -0.01	37.19 3.08 -2.02	31.87 3.08 -0.01	29.33 2.64 0.00
KEDC_PORT_JEFF_GT3 24211	30.10 1.09 -17.71	27.78 1.12 -13.45	26.28 1.15 -11.72	27.03 0.96 -12.72	26.37 1.06 -10.78	26.61 1.28 -5.95	28.58 1.32 -9.49	27.41 1.91 -3.53	27.89 1.67 -7.19	29.75 1.29 -11.30	30.43 1.31 -12.04	29.63 1.15 -14.44	28.96 1.11 -13.81	28.33 1.40 -9.39	29.05 1.23 -13.84	29.14 1.32 -13.90	28.74 1.97 -6.86	35.34 2.28 -10.76	38.09 3.01 -6.16	44.05 4.10 -0.87	47.88 4.31 -0.01	37.19 3.08 -2.02	31.87 3.08 -0.01	29.33 2.64 0.00
KEDC_GLWD_GT4 24219	29.87 0.85 -17.71	27.59 0.94 -13.45	26.06 0.94 -11.72	26.89 0.81 -12.72	26.20 0.89 -10.78	26.44 1.10 -5.95	28.37 1.10 -9.49	27.00 1.49 -3.53	27.56 1.35 -7.19	29.63 1.17 -11.30	30.29 1.18 -12.04	29.49 1.01 -14.44	28.87 1.01 -13.81	28.19 1.26 -9.39	28.86 1.03 -13.84	28.88 1.06 -13.91	28.30 1.53 -6.87	37.40 1.74 -13.36	39.71 2.31 -8.48	43.54 3.09 -1.38	46.88 3.31 -0.02	38.02 2.44 -3.49	31.18 2.39 -0.02	28.74 2.06 0.00
KEDC_GLWD_GT5 24220	29.87 0.85 -17.71	27.59 0.94 -13.45	26.06 0.94 -11.72	26.89 0.81 -12.72	26.20 0.89 -10.78	26.44 1.10 -5.95	28.37 1.10 -9.49	27.00 1.49 -3.53	27.56 1.35 -7.19	29.63 1.17 -11.30	30.29 1.18 -12.04	29.49 1.01 -14.44	28.87 1.01 -13.81	28.19 1.26 -9.39	28.86 1.03 -13.84	28.88 1.06 -13.91	28.30 1.53 -6.87	37.40 1.74 -13.36	39.71 2.31 -8.48	43.54 3.09 -1.38	46.88 3.31 -0.02	38.02 2.44 -3.49	31.18 2.39 -0.02	28.74 2.06 0.00

KENSICO____ 23655	29.67 0.69 -17.67	27.41 0.79 -13.42	25.89 0.79 -11.69	26.76 0.72 -12.69	26.06 0.77 -10.75	26.31 0.99 -5.94	28.21 0.96 -9.47	26.73 1.23 -3.52	27.34 1.14 -7.17	29.47 1.03 -11.28	30.08 0.99 -12.01	29.27 0.83 -14.41	28.66 0.84 -13.77	27.96 1.05 -9.37	28.64 0.85 -13.81	28.63 0.85 -13.86	27.97 1.23 -6.84	30.91 1.45 -7.15	33.80 1.94 -2.94	41.86 2.62 -0.17	46.39 2.83 0.00	34.18 2.09 0.00	30.65 1.87 0.00	28.34 1.65 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.91 0.62 -16.98	26.84 0.74 -12.90	25.36 0.72 -11.23	26.21 0.67 -12.19	25.59 0.73 -10.33	26.00 0.91 -5.71	27.76 0.89 -9.10	26.46 1.10 -3.39	26.88 0.97 -6.89	28.87 0.88 -10.84	29.45 0.84 -11.54	28.57 0.69 -13.84	27.97 0.69 -13.23	27.42 0.88 -9.01	27.93 0.69 -13.27	27.92 0.68 -13.32	27.47 1.00 -6.57	30.40 1.23 -6.87	33.54 1.79 -2.83	41.78 2.54 -0.16	46.34 2.79 0.00	34.08 1.99 0.00	30.57 1.78 0.00	28.29 1.60 0.00
KIAC_JFK_GT1 23816	29.72 0.70 -17.71	27.46 0.81 -13.45	25.92 0.80 -11.72	26.76 0.69 -12.71	26.07 0.76 -10.78	26.30 0.97 -5.95	28.24 0.98 -9.49	26.84 1.34 -3.53	27.45 1.24 -7.18	29.59 1.13 -11.30	30.12 1.01 -12.04	29.33 0.86 -14.44	28.72 0.87 -13.80	28.02 1.09 -9.39	28.68 0.87 -13.84	28.67 0.86 -13.89	28.01 1.25 -6.85	30.99 1.52 -7.17	33.93 2.05 -2.95	41.75 2.50 -0.17	46.21 2.66 0.00	34.21 2.12 0.00	30.74 1.96 0.00	28.40 1.71 0.00
KIAC_JFK_GT2 23817	29.72 0.70 -17.71	27.46 0.81 -13.45	25.92 0.80 -11.72	26.76 0.69 -12.71	26.07 0.76 -10.78	26.30 0.97 -5.95	28.24 0.98 -9.49	26.84 1.34 -3.53	27.45 1.24 -7.18	29.59 1.13 -11.30	30.12 1.01 -12.04	29.33 0.86 -14.44	28.72 0.87 -13.80	28.02 1.09 -9.39	28.68 0.87 -13.84	28.67 0.86 -13.89	28.01 1.25 -6.85	30.99 1.52 -7.17	33.93 2.05 -2.95	41.75 2.50 -0.17	46.21 2.66 0.00	34.21 2.12 0.00	30.74 1.96 0.00	28.40 1.71 0.00
KIAC_JFK____ 323774	29.72 0.70 -17.71	27.46 0.81 -13.45	25.92 0.80 -11.72	26.76 0.69 -12.71	26.07 0.76 -10.78	26.30 0.97 -5.95	28.24 0.98 -9.49	26.82 1.32 -3.53	27.45 1.24 -7.18	29.59 1.13 -11.30	30.12 1.01 -12.04	29.33 0.86 -14.44	28.72 0.87 -13.80	28.02 1.09 -9.39	28.68 0.87 -13.84	28.67 0.86 -13.89	28.01 1.25 -6.85	30.99 1.52 -7.17	33.93 2.05 -2.95	41.75 2.50 -0.17	46.21 2.66 0.00	34.21 2.12 0.00	30.74 1.96 0.00	28.40 1.71 0.00
KINTIGH____ 23543	13.23 -0.51 -2.44	14.42 -0.63 -1.85	14.35 -0.67 -1.61	14.36 -0.75 -1.75	15.12 -0.90 -1.48	19.02 -1.18 -0.82	18.05 -1.03 -1.31	21.21 -1.25 -0.49	18.89 -1.12 -0.99	17.74 -0.98 -1.56	17.62 -1.11 -1.66	15.10 -0.93 -1.99	15.09 -0.86 -1.90	17.74 -1.09 -1.29	15.08 -0.81 -1.91	15.07 -0.77 -1.91	19.71 -1.13 -0.94	21.82 -1.47 -0.99	27.27 -2.05 -0.41	36.13 -2.97 -0.02	40.59 -2.96 0.00	30.20 -1.89 0.00	27.05 -1.73 0.00	25.25 -1.44 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	10.91 -0.40 0.00	12.86 -0.34 0.00	13.16 -0.24 0.00	13.26 -0.09 0.00	14.49 -0.04 0.00	19.38 0.00 0.00	17.69 -0.09 0.00	21.64 -0.33 0.00	18.51 -0.51 0.00	16.66 -0.50 0.00	16.66 -0.41 0.00	13.75 -0.28 0.00	13.72 -0.32 0.00	17.17 -0.37 0.00	13.70 -0.28 0.00	13.67 -0.25 0.00	19.60 -0.30 0.00	22.10 -0.20 0.00	28.89 -0.03 0.00	38.69 -0.39 0.00	42.99 -0.57 0.00	31.38 -0.71 0.00	28.29 -0.49 0.00	26.39 -0.29 0.00
LACHUTE__HYDRO 323717	34.51 1.05 -22.15	31.22 1.20 -16.82	29.32 1.26 -14.65	30.47 1.22 -15.90	29.35 1.34 -13.48	28.55 1.72 -7.44	31.25 1.60 -11.87	28.50 2.11 -4.42	29.82 1.81 -8.99	33.03 1.73 -14.14	33.96 1.83 -15.06	33.45 1.36 -18.06	32.62 1.31 -17.26	30.86 1.58 -11.75	32.60 1.31 -17.31	32.61 1.32 -17.37	30.26 1.79 -8.57	33.43 2.16 -8.97	35.82 3.21 -3.69	43.93 4.65 -0.21	48.74 5.18 0.00	35.84 3.75 0.00	31.92 3.14 0.00	29.49 2.80 0.00
LAWRNCV_115KV_TB1 80681	10.89 -0.42 0.00	12.77 -0.44 0.00	12.99 -0.42 0.00	13.01 -0.35 0.00	14.17 -0.36 0.00	18.94 -0.45 0.00	17.21 -0.57 0.00	21.14 -0.83 0.00	18.19 -0.84 0.00	16.40 -0.76 0.00	16.39 -0.68 0.00	13.50 -0.53 0.00	13.47 -0.58 0.00	16.85 -0.68 0.00	13.42 -0.56 0.00	13.38 -0.54 0.00	19.15 -0.76 0.00	21.55 -0.76 0.00	28.23 -0.69 0.00	38.02 -1.06 0.00	42.38 -1.18 0.00	31.00 -1.09 0.00	27.83 -0.95 0.00	25.86 -0.83 0.00
LEDERLE____ 23769	29.10 0.69 -17.11	27.00 0.81 -12.99	25.51 0.79 -11.32	26.37 0.73 -12.28	25.73 0.78 -10.41	26.12 0.99 -5.75	27.90 0.96 -9.17	26.61 1.23 -3.41	27.11 1.14 -6.94	29.11 1.03 -10.92	29.71 1.01 -11.63	28.81 0.83 -13.95	28.22 0.84 -13.33	27.66 1.05 -9.07	28.19 0.84 -13.37	28.17 0.84 -13.42	27.74 1.21 -6.62	30.66 1.43 -6.93	33.71 1.94 -2.85	41.86 2.62 -0.16	46.39 2.83 0.00	34.18 2.09 0.00	30.65 1.87 0.00	28.34 1.65 0.00
LIGHTHSE_115KV_TB6 355974	12.44 -0.17 -1.30	13.98 -0.21 -0.99	14.04 -0.23 -0.86	14.05 -0.24 -0.94	15.08 -0.25 -0.79	19.49 -0.33 -0.44	18.19 -0.28 -0.70	21.88 -0.35 -0.26	19.23 -0.32 -0.53	17.66 -0.33 -0.83	17.65 -0.31 -0.89	14.82 -0.28 -1.06	14.75 -0.31 -1.02	17.82 -0.40 -0.69	14.66 -0.34 -1.02	14.59 -0.35 -1.02	19.95 -0.46 -0.50	22.27 -0.56 -0.53	28.47 -0.67 -0.22	38.38 -0.70 -0.01	42.95 -0.61 0.00	31.58 -0.51 0.00	28.26 -0.52 0.00	26.13 -0.56 0.00
LINDEN COGEN____ 23786	29.73 0.71 -17.71	27.47 0.82 -13.45	25.94 0.82 -11.72	26.79 0.72 -12.71	26.09 0.78 -10.78	26.32 0.99 -5.95	28.24 0.98 -9.49	26.75 1.25 -3.53	27.41 1.20 -7.18	29.54 1.08 -11.30	30.14 1.02 -12.04	29.33 0.86 -14.44	28.74 0.89 -13.80	28.02 1.09 -9.39	28.68 0.87 -13.84	28.67 0.86 -13.89	28.01 1.25 -6.85	30.94 1.47 -7.17	33.84 1.97 -2.95	41.86 2.62 -0.17	46.35 2.79 0.00	34.17 2.08 0.00	30.68 1.90 0.00	28.37 1.68 0.00
LINDHRST_69_KV_BK1 356055	30.06 1.04 -17.71	27.76 1.11 -13.45	26.24 1.11 -11.72	27.02 0.95 -12.72	26.34 1.03 -10.78	26.59 1.26 -5.95	28.55 1.28 -9.49	27.35 1.85 -3.53	27.83 1.62 -7.19	29.79 1.32 -11.30	30.46 1.35 -12.04	29.64 1.16 -14.44	28.99 1.14 -13.81	28.35 1.42 -9.39	29.04 1.22 -13.84	29.10 1.28 -13.90	28.66 1.89 -6.86	35.64 2.16 -11.18	38.31 2.86 -6.53	43.89 3.87 -0.95	47.66 4.09 -0.01	37.37 3.02 -2.26	31.81 3.02 -0.01	29.22 2.54 0.00
LIPA_MISC_IPP 23656	30.08 1.06 -17.71	27.75 1.10 -13.45	26.25 1.13 -11.72	26.99 0.92 -12.72	26.34 1.03 -10.78	26.56 1.22 -5.95	28.55 1.28 -9.49	27.37 1.87 -3.53	27.83 1.62 -7.19	29.67 1.20 -11.30	30.33 1.21 -12.04	29.54 1.07 -14.44	28.88 1.03 -13.81	28.23 1.30 -9.39	29.01 1.19 -13.84	29.10 1.28 -13.90	28.67 1.91 -6.86	35.25 2.21 -10.74	37.98 2.92 -6.14	43.93 3.99 -0.87	47.75 4.18 -0.01	37.03 2.92 -2.02	31.70 2.91 -0.01	29.28 2.59 0.00
LISF__SOLAR 323691	30.10 1.09 -17.71	27.78 1.12 -13.45	26.28 1.15 -11.72	27.01 0.93 -12.72	26.37 1.06 -10.78	26.59 1.26 -5.95	28.57 1.30 -9.49	27.41 1.91 -3.53	27.87 1.65 -7.19	29.68 1.22 -11.30	30.36 1.25 -12.04	29.56 1.08 -14.44	28.89 1.04 -13.81	28.25 1.32 -9.39	29.02 1.20 -13.84	29.12 1.29 -13.90	28.69 1.93 -6.86	35.30 2.25 -10.75	38.05 2.98 -6.15	44.01 4.06 -0.87	47.88 4.31 -0.01	37.12 3.02 -2.02	31.76 2.97 -0.01	29.33 2.64 0.00

LITTLE FALLS___HYD 24013	11.29 -0.01 0.00	13.19 -0.01 0.00	13.39 -0.01 0.00	13.34 -0.01 0.00	14.53 0.00 0.00	19.36 -0.02 0.00	17.71 -0.07 0.00	21.91 -0.07 0.00	18.97 -0.06 0.00	17.11 -0.05 0.00	17.02 -0.05 0.00	13.99 -0.04 0.00	13.99 -0.06 0.00	17.45 -0.09 0.00	13.91 -0.07 0.00	13.84 -0.08 0.00	19.80 -0.10 0.00	22.21 -0.09 0.00	28.98 0.06 0.00	39.23 0.16 0.00	43.77 0.22 0.00	32.25 0.16 0.00	28.98 0.20 0.00	26.87 0.19 0.00
LITTLRIV_115KV_TB1 356100	10.99 -0.32 0.00	12.88 -0.32 0.00	13.11 -0.29 0.00	13.13 -0.23 0.00	14.32 -0.22 0.00	19.13 -0.25 0.00	17.37 -0.41 0.00	21.36 -0.62 0.00	18.34 -0.68 0.00	16.51 -0.65 0.00	16.48 -0.60 0.00	13.57 -0.46 0.00	13.53 -0.52 0.00	16.90 -0.63 0.00	13.46 -0.52 0.00	13.42 -0.50 0.00	19.25 -0.66 0.00	21.68 -0.62 0.00	28.52 -0.40 0.00	38.53 -0.55 0.00	42.95 -0.61 0.00	31.35 -0.74 0.00	28.15 -0.63 0.00	26.13 -0.56 0.00
LI_NEWBRDGE___DRP 323616	29.87 0.85 -17.71	27.56 0.91 -13.45	26.03 0.91 -11.72	26.83 0.76 -12.72	26.16 0.84 -10.78	26.34 1.01 -5.95	28.30 1.03 -9.49	27.00 1.49 -3.53	27.54 1.33 -7.19	29.56 1.10 -11.30	30.24 1.13 -12.04	29.46 0.98 -14.44	28.81 0.96 -13.81	28.12 1.19 -9.39	28.84 1.02 -13.84	28.86 1.04 -13.90	28.30 1.53 -6.86	34.52 1.72 -10.49	37.04 2.20 -5.92	42.82 2.93 -0.82	46.70 3.14 -0.01	36.28 2.31 -1.88	31.27 2.48 -0.01	28.77 2.08 0.00
LOCKPORT_115KV_TB60_63_64 80432	13.26 -0.70 -2.65	14.35 -0.87 -2.02	14.25 -0.91 -1.76	14.25 -1.02 -1.91	14.94 -1.21 -1.62	18.72 -1.55 -0.89	17.81 -1.39 -1.42	20.79 -1.71 -0.53	18.58 -1.52 -1.08	17.46 -1.39 -1.69	17.33 -1.55 -1.80	14.91 -1.29 -2.16	14.91 -1.21 -2.07	17.42 -1.53 -1.41	14.91 -1.15 -2.07	14.92 -1.09 -2.08	19.38 -1.55 -1.03	21.42 -1.96 -1.07	26.70 -2.66 -0.44	35.55 -3.56 -0.03	40.03 -3.53 0.00	29.91 -2.18 0.00	26.77 -2.01 0.00	25.01 -1.68 0.00
LOCKPORT___CC1 323769	13.28 -0.70 -2.67	14.37 -0.86 -2.03	14.26 -0.91 -1.77	14.27 -1.00 -1.92	14.96 -1.21 -1.63	18.73 -1.55 -0.90	17.82 -1.39 -1.43	20.79 -1.71 -0.53	18.59 -1.52 -1.09	17.48 -1.39 -1.71	17.36 -1.54 -1.82	14.94 -1.28 -2.18	14.94 -1.19 -2.08	17.45 -1.51 -1.42	14.94 -1.13 -2.09	14.95 -1.07 -2.10	19.41 -1.53 -1.03	21.42 -1.96 -1.08	26.74 -2.63 -0.45	35.62 -3.48 -0.03	40.03 -3.53 0.00	29.91 -2.18 0.00	26.80 -1.99 0.00	25.01 -1.68 0.00
LOCKPORT___CC2 323770	13.28 -0.70 -2.67	14.37 -0.86 -2.03	14.26 -0.91 -1.77	14.27 -1.00 -1.92	14.96 -1.21 -1.63	18.73 -1.55 -0.90	17.82 -1.39 -1.43	20.79 -1.71 -0.53	18.59 -1.52 -1.09	17.48 -1.39 -1.71	17.36 -1.54 -1.82	14.94 -1.28 -2.18	14.94 -1.19 -2.08	17.45 -1.51 -1.42	14.94 -1.13 -2.09	14.95 -1.07 -2.10	19.41 -1.53 -1.03	21.42 -1.96 -1.08	26.74 -2.63 -0.45	35.62 -3.48 -0.03	40.03 -3.53 0.00	29.91 -2.18 0.00	26.80 -1.99 0.00	25.01 -1.68 0.00
LOCKPORT___CC3 323771	13.28 -0.70 -2.67	14.37 -0.86 -2.03	14.26 -0.91 -1.77	14.27 -1.00 -1.92	14.96 -1.21 -1.63	18.73 -1.55 -0.90	17.82 -1.39 -1.43	20.79 -1.71 -0.53	18.59 -1.52 -1.09	17.48 -1.39 -1.71	17.36 -1.54 -1.82	14.94 -1.28 -2.18	14.94 -1.19 -2.08	17.45 -1.51 -1.42	14.94 -1.13 -2.09	14.95 -1.07 -2.10	19.41 -1.53 -1.03	21.42 -1.96 -1.08	26.74 -2.63 -0.45	35.62 -3.48 -0.03	40.03 -3.53 0.00	29.91 -2.18 0.00	26.80 -1.99 0.00	25.01 -1.68 0.00
LONG_LAKE_PHOENIX 24014	12.57 -0.16 -1.43	14.09 -0.20 -1.08	14.13 -0.21 -0.94	14.15 -0.23 -1.03	15.16 -0.25 -0.87	19.53 -0.33 -0.48	18.28 -0.27 -0.77	21.95 -0.31 -0.28	19.34 -0.27 -0.58	17.83 -0.24 -0.91	17.82 -0.22 -0.97	15.00 -0.20 -1.16	14.96 -0.20 -1.11	18.03 -0.26 -0.76	14.87 -0.22 -1.12	14.80 -0.24 -1.12	20.10 -0.36 -0.55	22.44 -0.45 -0.58	28.44 -0.72 -0.24	38.19 -0.90 -0.01	42.64 -0.91 0.00	31.45 -0.64 0.00	28.18 -0.60 0.00	26.10 -0.59 0.00
LOVETT___3 23632	29.18 0.64 -17.23	27.02 0.74 -13.08	25.54 0.74 -11.40	26.40 0.68 -12.37	25.74 0.73 -10.48	26.08 0.91 -5.79	27.90 0.89 -9.23	26.57 1.16 -3.43	27.08 1.07 -6.99	29.11 0.96 -10.99	29.71 0.92 -11.71	28.85 0.77 -14.04	28.26 0.79 -13.43	27.65 0.98 -9.14	28.22 0.78 -13.46	28.22 0.79 -13.51	27.70 1.13 -6.66	30.62 1.34 -6.97	33.58 1.79 -2.87	41.66 2.42 -0.16	46.13 2.57 0.00	34.02 1.93 0.00	30.51 1.73 0.00	28.24 1.55 0.00
LOVETT___4 23642	29.18 0.64 -17.23	27.02 0.74 -13.08	25.54 0.74 -11.40	26.40 0.68 -12.37	25.74 0.73 -10.48	26.08 0.91 -5.79	27.90 0.89 -9.23	26.57 1.16 -3.43	27.08 1.07 -6.99	29.11 0.96 -10.99	29.71 0.92 -11.71	28.85 0.77 -14.04	28.26 0.79 -13.43	27.65 0.98 -9.14	28.22 0.78 -13.46	28.22 0.79 -13.51	27.70 1.13 -6.66	30.62 1.34 -6.97	33.58 1.79 -2.87	41.66 2.42 -0.16	46.13 2.57 0.00	34.02 1.93 0.00	30.51 1.73 0.00	28.24 1.55 0.00
LOVETT___5 23593	29.18 0.64 -17.23	27.02 0.74 -13.08	25.54 0.74 -11.40	26.40 0.68 -12.37	25.74 0.73 -10.48	26.08 0.91 -5.79	27.90 0.89 -9.23	26.57 1.16 -3.43	27.08 1.07 -6.99	29.11 0.96 -10.99	29.71 0.92 -11.71	28.85 0.77 -14.04	28.26 0.79 -13.43	27.65 0.98 -9.14	28.22 0.78 -13.46	28.22 0.79 -13.51	27.70 1.13 -6.66	30.62 1.34 -6.97	33.58 1.79 -2.87	41.66 2.42 -0.16	46.13 2.57 0.00	34.02 1.93 0.00	30.51 1.73 0.00	28.24 1.55 0.00
LOWER RAQUET___HYD 24057	10.83 -0.47 0.00	12.70 -0.50 0.00	12.92 -0.48 0.00	12.94 -0.41 0.00	14.11 -0.42 0.00	18.86 -0.52 0.00	17.10 -0.68 0.00	21.01 -0.97 0.00	18.06 -0.97 0.00	16.28 -0.87 0.00	16.27 -0.80 0.00	13.40 -0.63 0.00	13.37 -0.67 0.00	16.73 -0.81 0.00	13.32 -0.66 0.00	13.28 -0.64 0.00	19.01 -0.90 0.00	21.39 -0.92 0.00	28.05 -0.87 0.00	37.79 -1.29 0.00	42.12 -1.44 0.00	30.81 -1.28 0.00	27.66 -1.12 0.00	25.70 -0.99 0.00
LOWER___HUDSON 24059	33.61 0.52 -21.78	30.35 0.61 -16.54	28.43 0.62 -14.41	29.58 0.59 -15.64	28.43 0.64 -13.25	27.59 0.89 -7.32	30.28 0.84 -11.67	27.37 1.05 -4.34	28.81 0.95 -8.83	31.93 0.87 -13.90	32.75 0.87 -14.80	32.49 0.70 -17.76	31.72 0.70 -16.97	29.95 0.86 -11.55	31.70 0.70 -17.02	31.70 0.70 -17.08	29.32 0.99 -8.43	32.28 1.16 -8.82	34.17 1.62 -3.63	41.51 2.23 -0.21	45.99 2.44 0.00	33.92 1.83 0.00	30.36 1.58 0.00	28.13 1.44 0.00
LOWVILLE_115KV_TB2 356335	11.80 -0.18 -0.68	13.50 -0.21 -0.51	13.64 -0.21 -0.45	13.63 -0.21 -0.49	14.77 -0.17 -0.41	19.38 -0.23 -0.23	17.89 -0.25 -0.36	21.84 -0.26 -0.14	19.00 -0.30 -0.27	17.25 -0.34 -0.43	17.18 -0.36 -0.46	14.27 -0.32 -0.55	14.21 -0.37 -0.53	17.40 -0.49 -0.36	14.11 -0.41 -0.53	14.02 -0.43 -0.53	19.63 -0.54 -0.26	22.04 -0.54 -0.27	28.75 -0.29 -0.11	38.97 -0.12 -0.01	43.47 -0.09 0.00	31.87 -0.22 0.00	28.47 -0.32 0.00	26.31 -0.37 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	34.03 0.61 -22.12	30.70 0.70 -16.80	28.76 0.72 -14.63	29.93 0.69 -15.88	28.75 0.76 -13.46	27.82 1.01 -7.43	30.57 0.94 -11.85	27.59 1.21 -4.41	29.06 1.07 -8.97	32.29 1.01 -14.12	33.15 1.04 -15.03	32.87 0.80 -18.03	32.07 0.79 -17.24	30.23 0.96 -11.73	32.06 0.80 -17.28	32.06 0.79 -17.35	29.55 1.09 -8.56	32.55 1.29 -8.95	34.46 1.85 -3.69	41.90 2.62 -0.21	46.43 2.87 0.00	34.21 2.12 0.00	30.60 1.81 0.00	28.32 1.63 0.00

LUTHERNY_35_KV_BK2 355980	34.03 0.61 -22.12	30.70 0.70 -16.80	28.76 0.72 -14.63	29.94 0.71 -15.88	28.76 0.77 -13.46	27.82 1.01 -7.43	30.57 0.94 -11.85	27.59 1.21 -4.41	29.08 1.08 -8.97	32.29 1.01 -14.12	33.17 1.06 -15.03	32.88 0.81 -18.03	32.09 0.80 -17.24	30.23 0.96 -11.73	32.06 0.80 -17.28	32.07 0.81 -17.35	29.57 1.11 -8.56	32.57 1.32 -8.95	34.46 1.85 -3.69	41.90 2.62 -0.21	46.47 2.92 0.00	34.24 2.15 0.00	30.62 1.84 0.00	28.34 1.65 0.00
LWR___OSWEGATCHIE_HYD 23850	11.36 -0.45 -0.51	13.08 -0.50 -0.39	13.23 -0.51 -0.34	13.25 -0.47 -0.36	14.38 -0.47 -0.31	18.95 -0.60 -0.17	17.37 -0.68 -0.27	21.19 -0.88 -0.10	18.38 -0.86 -0.21	16.66 -0.82 -0.32	16.63 -0.79 -0.35	13.80 -0.65 -0.41	13.74 -0.70 -0.40	16.93 -0.88 -0.27	13.67 -0.71 -0.40	13.60 -0.72 -0.40	19.14 -0.96 -0.20	21.51 -1.00 -0.21	28.08 -0.93 -0.08	37.95 -1.13 0.00	42.34 -1.22 0.00	30.97 -1.12 0.00	27.72 -1.06 0.00	25.67 -1.01 0.00
LYONS_FALL_HYD 23570	11.91 -0.05 -0.65	13.64 -0.05 -0.49	13.77 -0.07 -0.43	13.75 -0.07 -0.46	14.90 -0.03 -0.39	19.56 -0.04 -0.22	18.07 -0.05 -0.35	22.08 -0.02 -0.13	19.23 -0.06 -0.26	17.47 -0.10 -0.41	17.41 -0.10 -0.44	14.45 -0.11 -0.53	14.41 -0.14 -0.50	17.67 -0.21 -0.34	14.32 -0.17 -0.51	14.22 -0.21 -0.51	19.92 -0.24 -0.25	22.32 -0.24 -0.26	29.06 0.03 -0.11	39.32 0.24 -0.01	43.86 0.31 0.00	32.19 0.10 0.00	28.78 0.00 0.00	26.63 -0.05 0.00
MADISON___COUNTY_LFGE 323628	12.56 0.18 -1.07	14.21 0.20 -0.81	14.30 0.19 -0.71	14.30 0.17 -0.77	15.40 0.22 -0.65	20.03 0.29 -0.36	18.64 0.28 -0.57	22.60 0.42 -0.21	19.80 0.34 -0.43	18.12 0.27 -0.68	18.08 0.27 -0.73	15.11 0.20 -0.87	15.07 0.18 -0.84	18.31 0.21 -0.57	14.97 0.15 -0.84	14.87 0.11 -0.84	20.52 0.20 -0.41	22.96 0.22 -0.43	29.56 0.46 -0.18	39.95 0.86 -0.01	44.56 1.00 0.00	32.80 0.71 0.00	29.33 0.55 0.00	27.14 0.45 0.00
MALONE___115KV_TB1 356076	10.88 -0.43 0.00	12.80 -0.40 0.00	13.08 -0.32 0.00	13.17 -0.19 0.00	14.37 -0.16 0.00	19.25 -0.14 0.00	17.55 -0.23 0.00	21.47 -0.51 0.00	18.40 -0.63 0.00	16.58 -0.58 0.00	16.58 -0.50 0.00	13.68 -0.35 0.00	13.65 -0.39 0.00	17.10 -0.44 0.00	13.62 -0.36 0.00	13.59 -0.33 0.00	19.47 -0.44 0.00	21.95 -0.36 0.00	28.69 -0.23 0.00	38.49 -0.59 0.00	42.86 -0.70 0.00	31.29 -0.80 0.00	28.18 -0.60 0.00	26.26 -0.43 0.00
MAPLEWOD_115KV_TB3 80458	33.42 0.42 -21.70	30.15 0.48 -16.48	28.25 0.50 -14.35	29.41 0.48 -15.58	28.26 0.52 -13.20	27.37 0.70 -7.29	30.04 0.64 -11.63	27.13 0.83 -4.33	28.57 0.74 -8.80	31.69 0.69 -13.85	32.50 0.68 -14.75	32.27 0.55 -17.69	31.51 0.55 -16.91	29.73 0.68 -11.51	31.49 0.56 -16.95	31.49 0.56 -17.01	29.07 0.78 -8.39	32.02 0.94 -8.78	33.87 1.33 -3.62	41.04 1.76 -0.21	45.47 1.92 0.00	33.57 1.48 0.00	30.05 1.27 0.00	27.89 1.20 0.00
MAPLE_RIDGE_WT_1 323574	10.93 -0.37 0.00	12.79 -0.41 0.00	13.00 -0.40 0.00	13.00 -0.36 0.00	14.14 -0.39 0.00	18.88 -0.50 0.00	17.30 -0.48 0.00	21.33 -0.64 0.00	18.44 -0.59 0.00	16.63 -0.53 0.00	16.56 -0.51 0.00	13.63 -0.41 0.00	13.63 -0.42 0.00	17.05 -0.49 0.00	13.60 -0.38 0.00	13.56 -0.36 0.00	19.43 -0.48 0.00	21.81 -0.49 0.00	28.37 -0.55 0.00	38.29 -0.78 0.00	42.60 -0.96 0.00	31.32 -0.77 0.00	28.09 -0.69 0.00	26.10 -0.59 0.00
MAPLE_RIDGE_WT_2 323611	10.93 -0.37 0.00	12.79 -0.41 0.00	13.00 -0.40 0.00	13.00 -0.36 0.00	14.14 -0.39 0.00	18.88 -0.50 0.00	17.30 -0.48 0.00	21.33 -0.64 0.00	18.44 -0.59 0.00	16.63 -0.53 0.00	16.56 -0.51 0.00	13.63 -0.41 0.00	13.63 -0.42 0.00	17.05 -0.49 0.00	13.60 -0.38 0.00	13.56 -0.36 0.00	19.43 -0.48 0.00	21.81 -0.49 0.00	28.37 -0.55 0.00	38.29 -0.78 0.00	42.60 -0.96 0.00	31.32 -0.77 0.00	28.09 -0.69 0.00	26.10 -0.59 0.00
MARBLE_RIVER_WT_PWR 323696	10.82 -0.49 0.00	12.74 -0.46 0.00	13.04 -0.36 0.00	13.13 -0.23 0.00	14.36 -0.17 0.00	19.21 -0.17 0.00	17.53 -0.25 0.00	21.47 -0.50 0.00	18.38 -0.65 0.00	16.52 -0.63 0.00	16.51 -0.56 0.00	13.61 -0.42 0.00	13.61 -0.44 0.00	17.01 -0.53 0.00	13.58 -0.41 0.00	13.55 -0.38 0.00	19.41 -0.50 0.00	21.86 -0.45 0.00	28.49 -0.43 0.00	38.14 -0.94 0.00	42.42 -1.13 0.00	31.03 -1.06 0.00	27.98 -0.81 0.00	26.13 -0.56 0.00
MARSHVLE_115KV_TB1 80742	37.53 0.64 -25.58	33.37 0.74 -19.43	31.09 0.76 -16.92	32.47 0.75 -18.36	30.93 0.83 -15.56	29.02 1.05 -8.59	32.46 0.98 -13.71	28.26 1.19 -5.10	30.32 0.91 -10.38	34.31 0.82 -16.32	35.31 0.85 -17.39	35.52 0.63 -20.85	34.59 0.60 -19.93	31.82 0.72 -13.57	34.45 0.49 -19.98	34.41 0.43 -20.06	30.37 0.58 -9.89	33.42 0.76 -10.35	34.83 1.65 -4.26	42.13 2.81 -0.24	46.82 3.27 0.00	34.56 2.47 0.00	30.80 2.01 0.00	28.42 1.73 0.00
MARSH_HILL_WT_PWR 323713	14.10 -0.87 -3.66	14.91 -1.07 -2.78	14.72 -1.11 -2.42	14.82 -1.16 -2.63	15.47 -1.29 -2.23	18.91 -1.71 -1.23	18.25 -1.49 -1.96	20.84 -1.87 -0.73	18.76 -1.75 -1.49	17.88 -1.61 -2.34	17.87 -1.69 -2.49	15.62 -1.40 -2.99	15.55 -1.35 -2.86	17.83 -1.65 -1.94	15.59 -1.26 -2.86	15.60 -1.20 -2.87	19.67 -1.65 -1.42	21.98 -1.81 -1.48	27.48 -2.05 -0.61	37.31 -1.80 -0.03	41.90 -1.66 0.00	31.22 -0.86 0.00	27.92 -0.86 0.00	26.21 -0.48 0.00
MCINTYRE_115KV_TB2 80467	11.10 -0.20 0.00	13.02 -0.18 0.00	13.24 -0.16 0.00	13.26 -0.09 0.00	14.46 -0.07 0.00	19.32 -0.06 0.00	17.58 -0.20 0.00	21.60 -0.37 0.00	18.51 -0.51 0.00	16.66 -0.50 0.00	16.63 -0.44 0.00	13.68 -0.35 0.00	13.65 -0.39 0.00	17.06 -0.47 0.00	13.58 -0.41 0.00	13.55 -0.38 0.00	19.43 -0.48 0.00	21.90 -0.40 0.00	28.86 -0.06 0.00	39.04 -0.04 0.00	43.47 -0.09 0.00	31.77 -0.32 0.00	28.49 -0.29 0.00	26.45 -0.24 0.00
MECO_____69_KV_BK1 80468	36.63 0.80 -24.53	32.75 0.92 -18.63	30.58 0.95 -16.23	31.90 0.93 -17.61	30.49 1.03 -14.92	28.92 1.30 -8.24	32.13 1.21 -13.14	28.38 1.52 -4.89	30.17 1.20 -9.95	33.88 1.06 -15.65	34.86 1.11 -16.67	34.86 0.83 -19.99	33.95 0.79 -19.11	31.49 0.95 -13.01	33.87 0.73 -19.16	33.84 0.68 -19.23	30.35 0.96 -9.49	33.48 1.25 -9.93	35.24 2.23 -4.09	42.83 3.52 -0.23	47.56 4.01 0.00	35.04 2.95 0.00	31.23 2.45 0.00	28.82 2.14 0.00
MENANDS___115KV_TB5 355628	33.34 0.37 -21.66	30.09 0.44 -16.45	28.18 0.44 -14.33	29.33 0.43 -15.55	28.18 0.47 -13.18	27.30 0.64 -7.28	29.97 0.59 -11.61	27.04 0.75 -4.32	28.50 0.68 -8.79	31.60 0.62 -13.82	32.43 0.63 -14.72	32.20 0.51 -17.66	31.43 0.51 -16.88	29.66 0.63 -11.49	31.41 0.50 -16.92	31.42 0.52 -16.99	29.00 0.72 -8.38	31.92 0.85 -8.77	33.72 1.19 -3.61	40.85 1.56 -0.21	45.26 1.70 0.00	33.41 1.32 0.00	29.93 1.15 0.00	27.78 1.09 0.00
MG INDUSTRY___DRP 24185	32.92 0.33 -21.28	29.75 0.38 -16.16	27.89 0.40 -14.08	29.02 0.39 -15.28	27.91 0.42 -12.95	27.12 0.58 -7.15	29.68 0.50 -11.40	26.85 0.64 -4.24	28.21 0.55 -8.63	31.24 0.50 -13.58	32.04 0.50 -14.47	31.77 0.38 -17.35	31.02 0.38 -16.59	29.30 0.47 -11.29	31.00 0.39 -16.63	31.00 0.39 -16.69	28.69 0.56 -8.23	31.59 0.67 -8.62	33.45 0.98 -3.55	40.65 1.37 -0.20	45.08 1.52 0.00	33.28 1.19 0.00	29.82 1.04 0.00	27.68 0.99 0.00

MID___OSWEGATCHIE_HYD 23849	11.36 -0.45 -0.51	13.08 -0.50 -0.39	13.23 -0.51 -0.34	13.25 -0.47 -0.36	14.38 -0.47 -0.31	18.95 -0.60 -0.17	17.37 -0.68 -0.27	21.19 -0.88 -0.10	18.38 -0.86 -0.21	16.66 -0.82 -0.32	16.63 -0.79 -0.35	13.80 -0.65 -0.41	13.74 -0.70 -0.40	16.93 -0.88 -0.27	13.67 -0.71 -0.40	13.60 -0.72 -0.40	19.14 -0.96 -0.20	21.51 -1.00 -0.21	28.08 -0.93 -0.08	37.95 -1.13 0.00	42.34 -1.22 0.00	30.97 -1.12 0.00	27.72 -1.06 0.00	25.67 -1.01 0.00
MID___RAQUETTE_HYD 23851	10.83 -0.47 0.00	12.70 -0.50 0.00	12.92 -0.48 0.00	12.94 -0.41 0.00	14.11 -0.42 0.00	18.86 -0.52 0.00	17.10 -0.68 0.00	21.01 -0.97 0.00	18.06 -0.97 0.00	16.28 -0.88 0.00	16.27 -0.80 0.00	13.40 -0.63 0.00	13.37 -0.67 0.00	16.73 -0.81 0.00	13.32 -0.66 0.00	13.28 -0.64 0.00	19.01 -0.90 0.00	21.39 -0.91 0.00	28.05 -0.87 0.00	37.83 -1.25 0.00	42.12 -1.44 0.00	30.81 -1.28 0.00	27.66 -1.12 0.00	25.70 -0.99 0.00
MILLIKEN___1 23584	14.98 0.11 -3.56	16.02 0.12 -2.71	15.87 0.11 -2.36	15.99 0.08 -2.56	16.80 0.10 -2.17	20.70 0.12 -1.20	19.85 0.16 -1.91	22.95 0.26 -0.71	20.68 0.21 -1.44	19.59 0.15 -2.27	19.63 0.14 -2.42	17.01 0.07 -2.90	16.89 0.07 -2.78	19.46 0.04 -1.89	16.78 0.01 -2.78	16.73 0.01 -2.79	21.30 0.02 -1.38	23.79 0.04 -1.44	29.60 0.09 -0.59	39.58 0.47 -0.03	44.21 0.65 0.00	32.60 0.51 0.00	29.16 0.37 0.00	26.95 0.27 0.00
MILLIKEN___2 23585	14.98 0.11 -3.56	16.02 0.12 -2.71	15.87 0.11 -2.36	15.99 0.08 -2.56	16.80 0.10 -2.17	20.70 0.12 -1.20	19.85 0.16 -1.91	22.95 0.26 -0.71	20.68 0.21 -1.44	19.59 0.15 -2.27	19.63 0.14 -2.42	17.01 0.07 -2.90	16.89 0.07 -2.78	19.46 0.04 -1.89	16.78 0.01 -2.78	16.73 0.01 -2.79	21.30 0.02 -1.38	23.79 0.04 -1.44	29.60 0.09 -0.59	39.58 0.47 -0.03	44.21 0.65 0.00	32.60 0.51 0.00	29.16 0.37 0.00	26.95 0.27 0.00
MILLIKEN___DIESEL 23629	14.98 0.11 -3.56	16.02 0.12 -2.71	15.87 0.11 -2.36	15.99 0.08 -2.56	16.80 0.10 -2.17	20.70 0.12 -1.20	19.85 0.16 -1.91	22.95 0.26 -0.71	20.68 0.21 -1.44	19.59 0.15 -2.27	19.63 0.14 -2.42	17.01 0.07 -2.90	16.89 0.07 -2.78	19.46 0.04 -1.89	16.78 0.01 -2.78	16.73 0.01 -2.79	21.30 0.02 -1.38	23.79 0.04 -1.44	29.60 0.09 -0.59	39.58 0.47 -0.03	44.21 0.65 0.00	32.60 0.51 0.00	29.16 0.37 0.00	26.95 0.27 0.00
MILLSEAT___LFGE 323607	13.37 -0.51 -2.57	14.52 -0.63 -1.95	14.44 -0.67 -1.70	14.44 -0.76 -1.85	15.19 -0.92 -1.57	19.06 -1.18 -0.86	18.11 -1.05 -1.38	21.19 -1.30 -0.51	18.87 -1.20 -1.04	17.69 -1.12 -1.64	17.56 -1.26 -1.75	15.08 -1.05 -2.10	15.04 -1.01 -2.01	17.66 -1.24 -1.37	15.04 -0.95 -2.01	15.05 -0.89 -2.02	19.65 -1.25 -1.00	21.74 -1.61 -1.04	27.27 -2.08 -0.43	36.44 -2.66 -0.02	41.08 -2.48 0.00	30.52 -1.57 0.00	27.32 -1.47 0.00	25.43 -1.25 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.58 0.67 -17.60	27.35 0.78 -13.37	25.81 0.76 -11.65	26.70 0.71 -12.64	26.00 0.76 -10.71	26.25 0.95 -5.91	28.13 0.92 -9.43	26.69 1.21 -3.51	27.29 1.12 -7.14	29.39 1.00 -11.23	30.00 0.96 -11.97	29.20 0.81 -14.35	28.60 0.83 -13.72	27.91 1.03 -9.34	28.56 0.82 -13.75	28.55 0.82 -13.81	27.91 1.19 -6.81	30.84 1.41 -7.13	33.73 1.88 -2.93	41.78 2.54 -0.17	46.30 2.74 0.00	34.11 2.02 0.00	30.60 1.81 0.00	28.32 1.63 0.00
MILLWOOD_13_KV_LOAD 356217	29.59 0.68 -17.60	27.36 0.79 -13.37	25.84 0.79 -11.65	26.71 0.72 -12.64	26.03 0.78 -10.71	26.27 0.97 -5.91	28.17 0.96 -9.43	26.71 1.23 -3.51	27.31 1.14 -7.14	29.42 1.03 -11.23	30.03 0.99 -11.97	29.23 0.84 -14.35	28.61 0.84 -13.72	27.94 1.07 -9.34	28.57 0.84 -13.75	28.58 0.85 -13.81	27.95 1.23 -6.81	30.88 1.45 -7.13	33.82 1.97 -2.93	41.90 2.66 -0.17	46.39 2.83 0.00	34.18 2.09 0.00	30.65 1.87 0.00	28.37 1.68 0.00
MODEL_CITY_ENERGY 24167	13.20 -0.80 -2.70	14.28 -0.98 -2.05	14.17 -1.02 -1.79	14.17 -1.12 -1.94	14.84 -1.34 -1.64	18.57 -1.73 -0.91	17.70 -1.53 -1.45	20.62 -1.89 -0.54	18.45 -1.67 -1.10	17.36 -1.53 -1.72	17.22 -1.69 -1.84	14.85 -1.39 -2.20	14.85 -1.31 -2.10	17.32 -1.65 -1.43	14.85 -1.24 -2.11	14.86 -1.18 -2.12	19.26 -1.69 -1.04	21.26 -2.14 -1.09	26.48 -2.89 -0.45	35.23 -3.87 -0.03	39.59 -3.96 0.00	29.59 -2.50 0.00	26.51 -2.27 0.00	24.77 -1.92 0.00
MODERN_LFGE___ 323580	13.20 -0.80 -2.70	14.28 -0.98 -2.05	14.17 -1.02 -1.79	14.17 -1.12 -1.94	14.84 -1.34 -1.64	18.57 -1.73 -0.91	17.70 -1.53 -1.45	20.62 -1.89 -0.54	18.45 -1.67 -1.10	17.36 -1.53 -1.72	17.22 -1.69 -1.84	14.85 -1.39 -2.20	14.85 -1.31 -2.10	17.32 -1.65 -1.43	14.85 -1.24 -2.11	14.86 -1.18 -2.12	19.26 -1.69 -1.04	21.26 -2.14 -1.09	26.48 -2.89 -0.45	35.23 -3.87 -0.03	39.59 -3.96 0.00	29.59 -2.50 0.00	26.51 -2.27 0.00	24.77 -1.92 0.00
MOHAWK_PAPER___DRP 24187	33.42 0.42 -21.70	30.15 0.48 -16.48	28.25 0.50 -14.35	29.41 0.48 -15.58	28.26 0.52 -13.20	27.37 0.70 -7.29	30.04 0.64 -11.63	27.13 0.83 -4.33	28.57 0.74 -8.80	31.69 0.69 -13.85	32.50 0.68 -14.75	32.27 0.55 -17.69	31.51 0.55 -16.91	29.73 0.68 -11.51	31.49 0.56 -16.95	31.49 0.56 -17.01	29.07 0.78 -8.39	32.02 0.94 -8.78	33.87 1.33 -3.62	41.04 1.76 -0.21	45.47 1.92 0.00	33.57 1.48 0.00	30.05 1.27 0.00	27.89 1.20 0.00
MOHICAN___35_KV_115KV_LD 80490	34.13 0.69 -22.14	30.79 0.78 -16.81	28.85 0.80 -14.65	30.04 0.79 -15.89	28.88 0.87 -13.47	27.95 1.12 -7.44	30.71 1.07 -11.86	27.77 1.38 -4.41	29.22 1.22 -8.98	32.45 1.17 -14.13	33.35 1.23 -15.05	33.01 0.93 -18.05	32.20 0.90 -17.25	30.36 1.09 -11.74	32.19 0.91 -17.30	32.19 0.90 -17.36	29.70 1.23 -8.56	32.76 1.49 -8.96	34.78 2.17 -3.69	42.37 3.09 -0.21	46.95 3.40 0.00	34.56 2.47 0.00	30.88 2.10 0.00	28.56 1.87 0.00
MONGAUP___HYD 23641	28.06 0.56 -16.19	26.16 0.66 -12.30	24.77 0.66 -10.71	25.59 0.61 -11.62	25.04 0.65 -9.85	25.64 0.81 -5.44	27.25 0.80 -8.68	26.17 0.97 -3.23	26.43 0.84 -6.57	28.23 0.74 -10.33	28.78 0.70 -11.00	27.81 0.58 -13.20	27.24 0.58 -12.62	26.84 0.72 -8.59	27.20 0.57 -12.65	27.19 0.57 -12.70	27.00 0.84 -6.26	29.93 1.07 -6.55	33.21 1.59 -2.70	41.53 2.30 -0.15	46.08 2.53 0.00	33.92 1.83 0.00	30.39 1.61 0.00	28.15 1.47 0.00
MONTAUK___DIESEL 23721	30.04 1.02 -17.71	27.70 1.04 -13.45	26.20 1.07 -11.72	26.91 0.84 -12.72	26.26 0.94 -10.78	26.46 1.12 -5.95	28.44 1.17 -9.49	27.26 1.76 -3.53	27.75 1.54 -7.19	29.56 1.10 -11.30	30.07 0.96 -12.04	29.32 0.84 -14.44	28.64 0.79 -13.81	27.90 0.96 -9.39	28.76 0.94 -13.84	28.88 1.06 -13.90	28.36 1.59 -6.86	35.01 1.96 -10.74	37.78 2.72 -6.14	43.69 3.75 -0.87	47.53 3.96 -0.01	36.80 2.70 -2.02	31.35 2.56 -0.01	29.09 2.40 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	13.93 -0.55 -3.18	14.97 -0.65 -2.41	14.83 -0.67 -2.10	14.86 -0.77 -2.28	15.54 -0.93 -1.93	19.25 -1.20 -1.07	18.43 -1.05 -1.70	21.29 -1.32 -0.63	19.04 -1.27 -1.29	17.86 -1.32 -2.03	17.70 -1.54 -2.16	15.30 -1.32 -2.59	15.27 -1.25 -2.47	17.59 -1.63 -1.68	15.23 -1.23 -2.48	15.20 -1.21 -2.49	19.42 -1.71 -1.23	21.40 -2.19 -1.29	26.67 -2.78 -0.53	36.10 -3.01 -0.03	40.68 -2.87 0.00	30.45 -1.64 0.00	27.26 -1.53 0.00	25.46 -1.23 0.00

MORRIS_RIDGE___SOLAR 323848	14.12 -0.72 -3.53	15.00 -0.88 -2.68	14.83 -0.91 -2.34	14.90 -0.99 -2.54	15.55 -1.13 -2.15	19.10 -1.47 -1.19	18.37 -1.30 -1.89	21.03 -1.65 -0.70	18.86 -1.60 -1.43	17.94 -1.48 -2.26	17.89 -1.59 -2.40	15.60 -1.32 -2.88	15.57 -1.24 -2.75	17.88 -1.53 -1.87	15.58 -1.16 -2.76	15.57 -1.13 -2.77	19.66 -1.61 -1.37	21.88 -1.85 -1.43	27.28 -2.23 -0.59	36.92 -2.19 -0.03	41.47 -2.09 0.00	30.94 -1.15 0.00	27.69 -1.09 0.00	25.83 -0.86 0.00
MORTIMER_115KV_TB3 55949	13.21 -0.28 -2.19	14.49 -0.37 -1.66	14.45 -0.40 -1.45	14.49 -0.44 -1.57	15.33 -0.54 -1.33	19.42 -0.70 -0.73	18.33 -0.62 -1.17	21.68 -0.73 -0.44	19.23 -0.68 -0.89	17.95 -0.60 -1.40	17.90 -0.67 -1.49	15.26 -0.56 -1.78	15.21 -0.55 -1.70	18.03 -0.67 -1.16	15.17 -0.52 -1.71	15.16 -0.47 -1.72	20.03 -0.72 -0.85	22.25 -0.94 -0.89	27.98 -1.30 -0.36	37.30 -1.80 -0.02	41.90 -1.66 0.00	31.00 -1.09 0.00	27.75 -1.04 0.00	25.75 -0.93 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.76 0.75 -17.71	27.51 0.86 -13.45	25.98 0.86 -11.72	26.85 0.77 -12.72	26.14 0.83 -10.78	26.38 1.05 -5.95	28.30 1.03 -9.49	26.84 1.34 -3.53	27.45 1.24 -7.18	29.58 1.12 -11.30	30.17 1.06 -12.04	29.37 0.90 -14.44	28.76 0.91 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.71 0.90 -13.89	28.07 1.31 -6.85	31.01 1.54 -7.17	33.93 2.05 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.77 1.99 0.00	28.48 1.79 0.00
MUNSVILLE_WIND_PWR 323609	17.15 0.40 -5.45	17.79 0.45 -4.14	17.44 0.43 -3.60	17.65 0.39 -3.91	18.33 0.48 -3.32	21.85 0.64 -1.83	21.34 0.64 -2.92	24.05 0.99 -1.09	22.07 0.84 -2.21	21.29 0.65 -3.48	21.39 0.61 -3.70	18.96 0.48 -4.44	18.69 0.39 -4.25	20.86 0.44 -2.89	18.56 0.32 -4.26	18.44 0.25 -4.27	22.49 0.48 -2.11	25.04 0.53 -2.21	31.16 1.33 -0.91	41.59 2.46 -0.05	46.48 2.92 0.00	34.17 2.08 0.00	30.48 1.70 0.00	28.15 1.47 0.00
N SALMON___HYD 24042	10.88 -0.43 0.00	12.81 -0.40 0.00	13.08 -0.32 0.00	13.17 -0.19 0.00	14.37 -0.16 0.00	19.25 -0.13 0.00	17.55 -0.23 0.00	21.47 -0.50 0.00	18.40 -0.63 0.00	16.58 -0.58 0.00	16.58 -0.50 0.00	13.69 -0.35 0.00	13.65 -0.39 0.00	17.10 -0.44 0.00	13.62 -0.36 0.00	13.59 -0.33 0.00	19.46 -0.44 0.00	21.95 -0.36 0.00	28.69 -0.23 0.00	38.49 -0.59 0.00	42.86 -0.70 0.00	31.29 -0.80 0.00	28.18 -0.61 0.00	26.26 -0.43 0.00
N.AKRON__115KV_KNAPP 355671	13.38 -0.52 -2.59	14.52 -0.65 -1.97	14.42 -0.70 -1.71	14.44 -0.77 -1.86	15.17 -0.94 -1.58	19.05 -1.20 -0.87	18.08 -1.08 -1.39	21.17 -1.32 -0.52	18.86 -1.22 -1.05	17.68 -1.13 -1.65	17.56 -1.28 -1.76	15.08 -1.07 -2.11	15.04 -1.03 -2.02	17.65 -1.26 -1.37	15.06 -0.95 -2.03	15.06 -0.89 -2.03	19.63 -1.27 -1.00	21.72 -1.63 -1.05	27.21 -2.14 -0.43	36.33 -2.77 -0.02	40.99 -2.57 0.00	30.49 -1.60 0.00	27.26 -1.53 0.00	25.41 -1.28 0.00
N.BELMOR_69_KV_BK1 55787	29.93 0.92 -17.71	27.64 0.99 -13.45	26.12 0.99 -11.72	26.91 0.84 -12.72	26.23 0.92 -10.78	26.46 1.12 -5.95	28.41 1.14 -9.49	27.11 1.60 -3.53	27.64 1.43 -7.19	29.65 1.18 -11.30	30.34 1.23 -12.04	29.53 1.05 -14.44	28.89 1.04 -13.81	28.23 1.30 -9.39	28.91 1.09 -13.84	28.95 1.13 -13.90	28.42 1.65 -6.86	36.30 1.85 -12.15	38.75 2.43 -7.40	43.46 3.24 -1.14	47.05 3.48 -0.01	37.46 2.57 -2.81	31.44 2.65 -0.01	28.90 2.22 0.00
N.E_GEN_SANDY PD 24062	31.93 0.60 -20.03	29.11 0.70 -15.21	27.35 0.70 -13.25	28.39 0.65 -14.38	27.43 0.71 -12.19	27.10 0.99 -6.73	30.00 0.94 -11.28	32.80 1.19 -9.64	29.78 1.06 -9.69	30.90 0.96 -12.78	31.62 0.94 -13.61	31.13 0.77 -16.33	31.67 0.79 -16.84	32.20 0.98 -13.68	31.00 0.78 -16.24	32.00 0.79 -17.29	34.95 1.13 -13.91	41.70 1.32 -18.08	45.04 1.79 -14.32	46.65 2.42 -5.15	46.21 2.66 0.00	36.00 1.96 -1.95	31.41 1.76 -0.87	28.32 1.63 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.12 0.66 -17.16	27.00 0.77 -13.03	25.51 0.75 -11.35	26.37 0.69 -12.32	25.72 0.74 -10.44	26.08 0.93 -5.77	27.88 0.91 -9.19	26.56 1.16 -3.42	27.07 1.08 -6.96	29.09 0.98 -10.95	29.68 0.94 -11.66	28.81 0.79 -13.99	28.22 0.80 -13.37	27.64 1.00 -9.10	28.18 0.80 -13.41	28.17 0.79 -13.46	27.69 1.15 -6.64	30.61 1.36 -6.95	33.60 1.82 -2.86	41.70 2.46 -0.16	46.21 2.66 0.00	34.05 1.96 0.00	30.54 1.76 0.00	28.26 1.57 0.00
N.QUEENS_27_KV_LOAD 356247	29.67 0.66 -17.71	27.42 0.77 -13.45	25.87 0.75 -11.72	26.74 0.67 -12.71	26.02 0.71 -10.78	26.23 0.89 -5.95	28.16 0.89 -9.49	26.69 1.19 -3.53	27.35 1.14 -7.18	29.47 1.01 -11.30	30.05 0.94 -12.04	29.29 0.81 -14.44	28.68 0.83 -13.80	27.96 1.03 -9.39	28.64 0.82 -13.84	28.63 0.82 -13.89	27.97 1.21 -6.85	30.88 1.41 -7.17	33.75 1.88 -2.95	41.75 2.50 -0.17	46.17 2.61 0.00	34.02 1.93 0.00	30.57 1.78 0.00	28.34 1.65 0.00
N.TROY___115KV_TB1 355778	33.61 0.52 -21.78	30.35 0.61 -16.54	28.43 0.62 -14.41	29.58 0.59 -15.64	28.43 0.64 -13.25	27.59 0.89 -7.32	30.28 0.84 -11.67	27.37 1.05 -4.34	28.81 0.95 -8.83	31.93 0.88 -13.90	32.75 0.87 -14.80	32.49 0.70 -17.76	31.73 0.70 -16.97	29.95 0.86 -11.55	31.70 0.70 -17.02	31.70 0.70 -17.08	29.32 1.00 -8.43	32.28 1.16 -8.82	34.17 1.62 -3.63	41.51 2.23 -0.21	46.00 2.44 0.00	33.92 1.83 0.00	30.36 1.58 0.00	28.13 1.44 0.00
NARROWS_GT1_1 24228	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
NARROWS_GT1_2 24229	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
NARROWS_GT1_3 24230	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
NARROWS_GT1_4 24231	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01

NARROWS_GT1_5 24232	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
NARROWS_GT1_6 24233	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
NARROWS_GT1_7 24234	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
NARROWS_GT1_8 24235	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
NARROWS_GT2_1 24236	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
NARROWS_GT2_2 24237	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
NARROWS_GT2_3 24238	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
NARROWS_GT2_4 24239	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
NARROWS_GT2_5 24240	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
NARROWS_GT2_6 24241	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
NARROWS_GT2_7 24242	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
NARROWS_GT2_8 24243	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.22 0.29 -20.62	29.20 0.34 -15.66	27.39 0.35 -13.64	28.49 0.33 -14.80	27.46 0.38 -12.55	26.81 0.50 -6.93	29.29 0.46 -11.05	26.65 0.57 -4.11	27.85 0.46 -8.36	30.71 0.39 -13.16	31.50 0.41 -14.01	31.14 0.29 -16.81	30.38 0.27 -16.07	28.80 0.33 -10.93	30.37 0.28 -16.11	30.37 0.28 -16.17	28.28 0.40 -7.98	31.23 0.58 -8.35	33.43 1.07 -3.44	41.34 2.07 -0.20	45.91 2.35 0.00	33.82 1.73 0.00	30.28 1.50 0.00	28.13 1.44 0.00
NCHELSEA_115KV_TR2 355582	29.69 0.67 -17.72	27.44 0.78 -13.46	25.90 0.78 -11.72	26.80 0.72 -12.72	26.09 0.77 -10.78	26.31 0.97 -5.95	28.23 0.96 -9.49	26.69 1.19 -3.53	27.30 1.08 -7.19	29.45 0.98 -11.31	30.07 0.96 -12.04	29.27 0.79 -14.44	28.64 0.79 -13.81	27.93 1.00 -9.40	28.62 0.80 -13.84	28.60 0.78 -13.90	27.89 1.13 -6.85	30.84 1.36 -7.17	33.81 1.94 -2.95	41.90 2.66 -0.17	46.47 2.92 0.00	34.21 2.12 0.00	30.68 1.90 0.00	28.40 1.71 0.00
NEG CAPITAL___MECHNVIL 23645	33.95 0.63 -22.01	30.64 0.73 -16.72	28.70 0.74 -14.56	29.88 0.72 -15.80	28.71 0.78 -13.39	27.83 1.05 -7.40	30.55 0.98 -11.80	27.61 1.25 -4.39	29.06 1.10 -8.93	32.25 1.05 -14.05	33.13 1.09 -14.96	32.82 0.84 -17.95	32.03 0.83 -17.16	30.23 1.02 -11.68	32.02 0.84 -17.20	32.02 0.84 -17.26	29.57 1.15 -8.52	32.58 1.36 -8.91	34.53 1.94 -3.67	42.02 2.73 -0.21	46.56 3.00 0.00	34.30 2.21 0.00	30.68 1.90 0.00	28.40 1.71 0.00

NEG CENTRAL_HIGH_ACRES 23767	13.00 -0.42 -2.11	14.29 -0.52 -1.60	14.25 -0.55 -1.40	14.29 -0.59 -1.52	15.15 -0.67 -1.29	19.22 -0.87 -0.71	18.13 -0.78 -1.13	21.47 -0.92 -0.42	19.05 -0.84 -0.86	17.77 -0.74 -1.35	17.74 -0.77 -1.44	15.11 -0.65 -1.72	15.03 -0.66 -1.65	17.87 -0.79 -1.12	14.99 -0.64 -1.65	14.97 -0.61 -1.66	19.81 -0.92 -0.82	22.02 -1.14 -0.86	27.71 -1.56 -0.35	37.02 -2.07 -0.02	41.55 -2.00 0.00	30.68 -1.41 0.00	27.46 -1.32 0.00	25.46 -1.23 0.00
NEG CENTRAL___DRP 24199	13.52 -0.10 -2.32	14.82 -0.15 -1.76	14.78 -0.16 -1.53	14.82 -0.20 -1.66	15.73 -0.22 -1.41	19.87 -0.29 -0.78	18.81 -0.21 -1.24	22.21 -0.22 -0.46	19.74 -0.23 -0.94	18.42 -0.22 -1.48	18.41 -0.24 -1.58	15.70 -0.22 -1.89	15.63 -0.22 -1.81	18.47 -0.30 -1.23	15.56 -0.24 -1.81	15.50 -0.24 -1.82	20.46 -0.34 -0.90	22.82 -0.42 -0.94	28.73 -0.58 -0.39	38.63 -0.47 -0.02	43.25 -0.30 0.00	31.93 -0.16 0.00	28.55 -0.23 0.00	26.45 -0.24 0.00
NEG CENTRAL___INDECK 23768	14.18 -0.19 -3.07	15.25 -0.28 -2.33	15.14 -0.29 -2.03	15.20 -0.36 -2.20	15.98 -0.42 -1.87	19.89 -0.52 -1.03	18.98 -0.44 -1.65	22.01 -0.57 -0.61	19.57 -0.70 -1.25	18.40 -0.72 -1.96	18.33 -0.84 -2.09	15.81 -0.73 -2.50	15.72 -0.72 -2.39	18.25 -0.91 -1.63	15.71 -0.67 -2.40	15.70 -0.63 -2.41	20.22 -0.88 -1.19	22.54 -1.00 -1.24	28.39 -1.04 -0.51	38.44 -0.66 -0.03	43.38 -0.17 0.00	32.06 -0.03 0.00	28.64 -0.14 0.00	26.55 -0.13 0.00
NEG CENTRAL___SENECA 23627	13.75 -0.12 -2.57	14.98 -0.17 -1.95	14.90 -0.20 -1.70	14.96 -0.24 -1.85	15.84 -0.26 -1.56	19.90 -0.35 -0.86	18.89 -0.27 -1.38	22.20 -0.29 -0.51	19.78 -0.29 -1.04	18.53 -0.27 -1.64	18.50 -0.32 -1.75	15.84 -0.29 -2.10	15.76 -0.30 -2.00	18.53 -0.37 -1.36	15.68 -0.31 -2.01	15.64 -0.29 -2.02	20.46 -0.44 -0.99	22.83 -0.51 -1.04	28.71 -0.64 -0.43	38.67 -0.43 -0.02	43.34 -0.22 0.00	32.03 -0.06 0.00	28.64 -0.14 0.00	26.50 -0.19 0.00
NEG CENTRAL___STATE_STREET 24147	13.52 -0.05 -2.26	14.85 -0.07 -1.72	14.82 -0.08 -1.50	14.86 -0.12 -1.62	15.79 -0.12 -1.38	19.99 -0.16 -0.76	18.90 -0.09 -1.21	22.36 -0.07 -0.45	19.89 -0.06 -0.92	18.55 -0.05 -1.44	18.58 -0.03 -1.54	15.82 -0.06 -1.84	15.74 -0.07 -1.76	18.63 -0.11 -1.20	15.65 -0.10 -1.77	15.60 -0.10 -1.77	20.62 -0.16 -0.88	23.02 -0.20 -0.92	28.98 -0.32 -0.38	38.90 -0.20 -0.02	43.47 -0.09 0.00	32.06 -0.03 0.00	28.67 -0.12 0.00	26.50 -0.19 0.00
NEG MILLWOOD___DRP 24198	29.90 0.71 -17.89	27.63 0.84 -13.58	26.08 0.84 -11.83	26.98 0.79 -12.84	26.26 0.84 -10.88	26.44 1.05 -6.01	28.41 1.05 -9.58	26.83 1.30 -3.57	27.50 1.22 -7.26	29.66 1.08 -11.41	30.29 1.06 -12.16	29.52 0.90 -14.58	28.89 0.90 -13.94	28.16 1.14 -9.49	28.84 0.88 -13.97	28.84 0.89 -14.03	28.10 1.27 -6.92	31.08 1.54 -7.24	34.04 2.14 -2.98	42.18 2.93 -0.17	46.74 3.18 0.00	34.43 2.34 0.00	30.85 2.07 0.00	28.50 1.81 0.00
NEG NORTH_FLCN_SEA 23793	10.90 -0.41 0.00	12.84 -0.36 0.00	13.15 -0.25 0.00	13.25 -0.11 0.00	14.49 -0.04 0.00	19.38 0.00 0.00	17.69 -0.09 0.00	21.64 -0.33 0.00	18.53 -0.49 0.00	16.66 -0.50 0.00	16.63 -0.44 0.00	13.73 -0.31 0.00	13.71 -0.34 0.00	17.13 -0.40 0.00	13.69 -0.29 0.00	13.66 -0.26 0.00	19.56 -0.34 0.00	22.08 -0.22 0.00	28.78 -0.14 0.00	38.53 -0.55 0.00	42.82 -0.74 0.00	31.29 -0.80 0.00	28.21 -0.58 0.00	26.34 -0.35 0.00
NEG NORTH_KES_CHATEGAY 23792	10.81 -0.50 0.00	12.73 -0.48 0.00	13.03 -0.38 0.00	13.13 -0.23 0.00	14.36 -0.17 0.00	19.21 -0.17 0.00	17.53 -0.25 0.00	21.45 -0.53 0.00	18.36 -0.67 0.00	16.51 -0.65 0.00	16.49 -0.58 0.00	13.60 -0.44 0.00	13.58 -0.46 0.00	16.97 -0.56 0.00	13.56 -0.42 0.00	13.53 -0.39 0.00	19.39 -0.52 0.00	21.86 -0.45 0.00	28.52 -0.40 0.00	38.22 -0.86 0.00	42.47 -1.09 0.00	31.06 -1.03 0.00	28.00 -0.78 0.00	26.15 -0.53 0.00
NEG NORTH___ALICE_FALLS 23915	10.91 -0.40 0.00	12.86 -0.34 0.00	13.16 -0.24 0.00	13.26 -0.09 0.00	14.49 -0.04 0.00	19.38 0.00 0.00	17.69 -0.09 0.00	21.64 -0.33 0.00	18.51 -0.51 0.00	16.66 -0.50 0.00	16.66 -0.41 0.00	13.75 -0.28 0.00	13.72 -0.32 0.00	17.17 -0.37 0.00	13.70 -0.28 0.00	13.67 -0.25 0.00	19.60 -0.30 0.00	22.10 -0.20 0.00	28.89 -0.03 0.00	38.69 -0.39 0.00	42.99 -0.57 0.00	31.38 -0.71 0.00	28.29 -0.49 0.00	26.39 -0.29 0.00
NEG NORTH___LWR_SARANAC 23913	10.91 -0.40 0.00	12.86 -0.34 0.00	13.16 -0.24 0.00	13.26 -0.09 0.00	14.49 -0.04 0.00	19.38 0.00 0.00	17.69 -0.09 0.00	21.64 -0.33 0.00	18.51 -0.51 0.00	16.66 -0.50 0.00	16.66 -0.41 0.00	13.75 -0.28 0.00	13.72 -0.32 0.00	17.17 -0.37 0.00	13.70 -0.28 0.00	13.67 -0.25 0.00	19.60 -0.30 0.00	22.10 -0.20 0.00	28.89 -0.03 0.00	38.69 -0.39 0.00	42.99 -0.57 0.00	31.38 -0.71 0.00	28.29 -0.49 0.00	26.39 -0.29 0.00
NEG NORTH___PLATTSBURG 23628	10.91 -0.40 0.00	12.86 -0.34 0.00	13.16 -0.24 0.00	13.26 -0.09 0.00	14.49 -0.04 0.00	19.38 0.00 0.00	17.69 -0.09 0.00	21.64 -0.33 0.00	18.51 -0.51 0.00	16.66 -0.50 0.00	16.66 -0.41 0.00	13.76 -0.28 0.00	13.73 -0.32 0.00	17.17 -0.37 0.00	13.70 -0.28 0.00	13.67 -0.25 0.00	19.60 -0.30 0.00	22.10 -0.20 0.00	28.89 -0.03 0.00	38.65 -0.43 0.00	42.99 -0.57 0.00	31.38 -0.71 0.00	28.29 -0.49 0.00	26.39 -0.29 0.00
NEG WEST_LEA_LOCKPORT 23791	13.28 -0.70 -2.67	14.37 -0.86 -2.03	14.26 -0.91 -1.77	14.27 -1.00 -1.92	14.96 -1.21 -1.63	18.73 -1.55 -0.90	17.82 -1.39 -1.43	20.81 -1.69 -0.53	18.59 -1.52 -1.09	17.48 -1.39 -1.71	17.36 -1.54 -1.82	14.94 -1.28 -2.18	14.94 -1.19 -2.08	17.45 -1.51 -1.42	14.94 -1.13 -2.09	14.95 -1.07 -2.10	19.41 -1.53 -1.03	21.42 -1.96 -1.08	26.74 -2.63 -0.45	35.58 -3.52 -0.03	40.03 -3.53 0.00	29.91 -2.18 0.00	26.77 -2.01 0.00	25.01 -1.68 0.00
NEG WEST___LANCASTR 23811	13.53 -0.90 -3.13	14.48 -1.10 -2.38	14.34 -1.14 -2.07	14.38 -1.23 -2.25	15.03 -1.41 -1.91	18.57 -1.86 -1.05	17.80 -1.65 -1.68	20.55 -2.04 -0.62	18.51 -1.79 -1.27	17.53 -1.63 -2.00	17.44 -1.76 -2.13	15.13 -1.46 -2.55	15.11 -1.38 -2.44	17.44 -1.75 -1.66	15.10 -1.33 -2.45	15.08 -1.29 -2.46	19.26 -1.85 -1.21	21.25 -2.32 -1.27	26.38 -3.07 -0.52	36.14 -2.97 -0.03	40.64 -2.92 0.00	30.32 -1.76 0.00	27.14 -1.64 0.00	25.27 -1.41 0.00
NEG_PENN_ALLEGHNY 23528	16.97 -0.02 -5.69	17.48 -0.04 -4.32	17.11 -0.05 -3.76	17.36 -0.08 -4.08	17.91 -0.09 -3.46	21.16 -0.13 -1.91	20.74 -0.09 -3.05	23.04 -0.07 -1.13	21.28 -0.06 -2.31	20.74 -0.05 -3.63	20.87 -0.07 -3.86	18.59 -0.08 -4.63	18.42 -0.06 -4.43	20.46 -0.09 -3.02	18.34 -0.08 -4.44	18.30 -0.08 -4.46	21.96 -0.14 -2.20	24.40 -0.20 -2.30	29.58 -0.29 -0.95	39.09 -0.04 -0.05	43.60 0.04 0.00	32.22 0.13 0.00	28.84 0.06 0.00	26.71 0.03 0.00
NEG___GEN_MONROE 24207	13.19 -0.33 -2.21	14.48 -0.40 -1.68	14.44 -0.43 -1.46	14.46 -0.48 -1.59	15.31 -0.57 -1.34	19.41 -0.72 -0.74	18.30 -0.66 -1.18	21.62 -0.79 -0.44	19.12 -0.80 -0.90	17.83 -0.74 -1.41	17.76 -0.82 -1.50	15.13 -0.70 -1.80	15.08 -0.69 -1.72	17.87 -0.84 -1.17	15.05 -0.66 -1.73	15.04 -0.61 -1.73	19.86 -0.90 -0.85	22.06 -1.14 -0.89	27.76 -1.53 -0.37	37.03 -2.07 -0.02	41.64 -1.92 0.00	30.87 -1.22 0.00	27.66 -1.12 0.00	25.70 -0.99 0.00

NEPA__ENERGY 23901	14.01 -0.50 -3.21	15.03 -0.61 -2.43	14.88 -0.64 -2.12	14.92 -0.73 -2.30	15.61 -0.87 -1.95	19.30 -1.16 -1.08	18.48 -1.01 -1.72	21.40 -1.21 -0.64	19.24 -1.08 -1.30	18.21 -1.00 -2.05	18.11 -1.14 -2.18	15.69 -0.95 -2.61	15.66 -0.89 -2.50	18.11 -1.12 -1.70	15.65 -0.84 -2.50	15.63 -0.81 -2.51	19.97 -1.17 -1.24	22.04 -1.56 -1.30	27.34 -2.11 -0.53	36.84 -2.27 -0.03	41.34 -2.22 0.00	30.87 -1.22 0.00	27.63 -1.15 0.00	25.78 -0.91 0.00
NEVERSINK__HYD 23608	27.93 0.55 -16.08	26.06 0.65 -12.21	24.68 0.64 -10.64	25.48 0.59 -11.54	24.96 0.64 -9.78	25.58 0.80 -5.40	27.17 0.78 -8.61	26.14 0.97 -3.21	26.40 0.86 -6.52	28.19 0.77 -10.26	28.75 0.75 -10.93	27.74 0.60 -13.11	27.18 0.60 -12.53	26.82 0.75 -8.53	27.14 0.60 -12.56	27.11 0.58 -12.61	26.96 0.84 -6.22	29.84 1.03 -6.51	33.16 1.56 -2.68	41.49 2.27 -0.15	45.99 2.44 0.00	33.85 1.76 0.00	30.36 1.58 0.00	28.07 1.39 0.00
NEWKRMKL_115KV_TB1 55635	33.27 0.29 -21.67	30.00 0.34 -16.46	28.10 0.36 -14.34	29.26 0.35 -15.56	28.10 0.38 -13.19	27.19 0.52 -7.28	29.85 0.46 -11.61	26.91 0.62 -4.32	28.37 0.55 -8.79	31.49 0.50 -13.83	32.32 0.51 -14.73	32.11 0.41 -17.67	31.35 0.41 -16.89	29.54 0.51 -11.49	31.33 0.42 -16.93	31.33 0.42 -17.00	28.86 0.58 -8.38	31.77 0.69 -8.77	33.54 1.01 -3.61	40.57 1.29 -0.21	44.95 1.39 0.00	33.18 1.09 0.00	29.73 0.95 0.00	27.62 0.93 0.00
NEWTON__FALLS_HYD 23847	11.36 -0.45 -0.51	13.08 -0.50 -0.39	13.23 -0.51 -0.34	13.25 -0.47 -0.36	14.38 -0.47 -0.31	18.95 -0.60 -0.17	17.37 -0.68 -0.27	21.19 -0.88 -0.10	18.38 -0.86 -0.21	16.66 -0.82 -0.32	16.63 -0.79 -0.35	13.80 -0.65 -0.41	13.74 -0.70 -0.40	16.93 -0.88 -0.27	13.67 -0.71 -0.40	13.60 -0.72 -0.40	19.14 -0.96 -0.20	21.51 -1.00 -0.21	28.08 -0.93 -0.08	37.95 -1.13 0.00	42.34 -1.22 0.00	30.97 -1.12 0.00	27.72 -1.06 0.00	25.67 -1.01 0.00
NGRID_A1_DSASP 323792	13.31 -0.71 -2.72	14.40 -0.87 -2.07	14.28 -0.92 -1.80	14.28 -1.03 -1.95	14.93 -1.26 -1.66	18.59 -1.71 -0.91	17.72 -1.51 -1.46	20.65 -1.87 -0.54	18.49 -1.64 -1.10	17.44 -1.46 -1.74	17.30 -1.62 -1.85	14.91 -1.35 -2.22	14.92 -1.25 -2.12	17.42 -1.56 -1.44	14.92 -1.19 -2.13	14.91 -1.14 -2.13	19.32 -1.63 -1.05	21.31 -2.10 -1.10	26.51 -2.86 -0.45	35.16 -3.95 -0.03	39.46 -4.10 0.00	29.49 -2.60 0.00	26.45 -2.33 0.00	24.74 -1.95 0.00
NGRID_A2_DSASP 323793	13.31 -0.71 -2.72	14.40 -0.87 -2.07	14.28 -0.92 -1.80	14.28 -1.03 -1.95	14.93 -1.26 -1.66	18.59 -1.71 -0.91	17.72 -1.51 -1.46	20.65 -1.87 -0.54	18.49 -1.64 -1.10	17.44 -1.46 -1.74	17.30 -1.62 -1.85	14.91 -1.35 -2.22	14.92 -1.25 -2.12	17.42 -1.56 -1.44	14.92 -1.19 -2.13	14.91 -1.14 -2.13	19.32 -1.63 -1.05	21.31 -2.10 -1.10	26.51 -2.86 -0.45	35.16 -3.95 -0.03	39.46 -4.10 0.00	29.49 -2.60 0.00	26.45 -2.33 0.00	24.74 -1.95 0.00
NGRID_A4_DSASP 323807	13.31 -0.71 -2.72	14.40 -0.87 -2.07	14.28 -0.92 -1.80	14.28 -1.03 -1.95	14.93 -1.26 -1.66	18.59 -1.71 -0.91	17.72 -1.51 -1.46	20.65 -1.87 -0.54	18.49 -1.64 -1.10	17.44 -1.46 -1.74	17.30 -1.62 -1.85	14.91 -1.35 -2.22	14.92 -1.25 -2.12	17.42 -1.56 -1.44	14.92 -1.19 -2.13	14.91 -1.14 -2.13	19.32 -1.63 -1.05	21.31 -2.10 -1.10	26.51 -2.86 -0.45	35.16 -3.95 -0.03	39.46 -4.10 0.00	29.49 -2.60 0.00	26.45 -2.33 0.00	24.74 -1.95 0.00
NIAGARA_115E_LBMP 323715	13.18 -0.85 -2.72	14.24 -1.03 -2.07	14.12 -1.09 -1.80	14.12 -1.19 -1.95	14.80 -1.40 -1.66	18.48 -1.82 -0.91	17.62 -1.62 -1.46	20.52 -2.00 -0.54	18.36 -1.77 -1.10	17.30 -1.60 -1.74	17.17 -1.76 -1.85	14.80 -1.46 -2.22	14.79 -1.38 -2.12	17.24 -1.74 -1.44	14.79 -1.31 -2.13	14.80 -1.25 -2.14	19.18 -1.77 -1.05	21.18 -2.23 -1.10	26.34 -3.04 -0.45	35.00 -4.10 -0.03	39.33 -4.22 0.00	29.39 -2.70 0.00	26.34 -2.45 0.00	24.61 -2.08 0.00
NIAGARA_115W_LBMP 323714	13.29 -0.73 -2.72	14.36 -0.90 -2.06	14.25 -0.95 -1.80	14.25 -1.06 -1.95	14.88 -1.31 -1.65	18.55 -1.74 -0.91	17.69 -1.55 -1.45	20.60 -1.91 -0.54	18.45 -1.67 -1.10	17.40 -1.49 -1.73	17.25 -1.67 -1.85	14.87 -1.37 -2.21	14.87 -1.29 -2.12	17.36 -1.61 -1.44	14.87 -1.23 -2.12	14.88 -1.17 -2.13	19.26 -1.69 -1.05	21.26 -2.14 -1.10	26.42 -2.95 -0.45	35.04 -4.06 -0.03	39.33 -4.22 0.00	29.43 -2.66 0.00	26.36 -2.42 0.00	24.66 -2.03 0.00
NIAGARA_230_LBMP 323716	13.28 -0.70 -2.68	14.38 -0.86 -2.04	14.27 -0.91 -1.77	14.28 -1.00 -1.92	14.96 -1.21 -1.63	18.71 -1.57 -0.90	17.83 -1.39 -1.44	20.82 -1.69 -0.53	18.61 -1.50 -1.09	17.55 -1.32 -1.71	17.43 -1.47 -1.82	15.00 -1.22 -2.19	15.00 -1.14 -2.09	17.52 -1.44 -1.42	15.00 -1.08 -2.09	14.99 -1.03 -2.10	19.45 -1.49 -1.04	21.47 -1.92 -1.09	26.71 -2.66 -0.45	35.47 -3.63 -0.03	39.81 -3.75 0.00	29.72 -2.37 0.00	26.65 -2.13 0.00	24.90 -1.79 0.00
NIAGARA__115KV_198_GIBSON 55903	13.28 -0.73 -2.72	14.37 -0.90 -2.06	14.25 -0.95 -1.80	14.25 -1.06 -1.95	14.89 -1.29 -1.65	18.55 -1.74 -0.91	17.69 -1.55 -1.45	20.60 -1.91 -0.54	18.45 -1.67 -1.10	17.40 -1.49 -1.73	17.25 -1.67 -1.85	14.87 -1.38 -2.21	14.87 -1.29 -2.12	17.36 -1.61 -1.44	14.87 -1.23 -2.12	14.88 -1.17 -2.13	19.26 -1.69 -1.05	21.26 -2.14 -1.10	26.42 -2.95 -0.45	35.00 -4.10 -0.03	39.37 -4.18 0.00	29.43 -2.66 0.00	26.36 -2.42 0.00	24.66 -2.03 0.00
NIAGARA____ 23760	13.32 -0.70 -2.72	14.41 -0.86 -2.07	14.29 -0.91 -1.80	14.31 -1.00 -1.95	14.98 -1.21 -1.66	18.73 -1.57 -0.91	17.85 -1.39 -1.46	20.82 -1.69 -0.54	18.63 -1.50 -1.10	17.57 -1.32 -1.74	17.45 -1.47 -1.85	15.03 -1.22 -2.22	15.03 -1.14 -2.12	17.54 -1.44 -1.44	15.03 -1.08 -2.12	15.02 -1.03 -2.13	19.46 -1.49 -1.05	21.48 -1.92 -1.10	26.71 -2.66 -0.45	35.47 -3.63 -0.03	39.81 -3.75 0.00	29.72 -2.37 0.00	26.65 -2.13 0.00	24.90 -1.79 0.00
NINE_MILE_1 23575	12.11 -0.30 -1.11	13.67 -0.37 -0.84	13.76 -0.38 -0.73	13.76 -0.39 -0.80	14.79 -0.42 -0.67	19.19 -0.56 -0.37	17.87 -0.50 -0.59	21.58 -0.62 -0.22	18.94 -0.53 -0.45	17.39 -0.48 -0.71	17.35 -0.48 -0.75	14.55 -0.39 -0.90	14.52 -0.39 -0.86	17.61 -0.51 -0.59	14.44 -0.41 -0.87	14.39 -0.40 -0.87	19.75 -0.58 -0.43	22.04 -0.71 -0.45	28.01 -1.10 -0.18	37.60 -1.48 -0.01	41.95 -1.61 0.00	30.94 -1.15 0.00	27.75 -1.03 0.00	25.75 -0.93 0.00
NINE_MILE_2 23744	12.11 -0.30 -1.11	13.68 -0.36 -0.84	13.76 -0.38 -0.73	13.76 -0.39 -0.79	14.79 -0.42 -0.67	19.19 -0.56 -0.37	17.87 -0.50 -0.59	21.58 -0.62 -0.22	18.94 -0.53 -0.45	17.38 -0.48 -0.71	17.35 -0.48 -0.75	14.54 -0.39 -0.90	14.52 -0.39 -0.86	17.63 -0.49 -0.59	14.44 -0.41 -0.86	14.38 -0.40 -0.87	19.75 -0.58 -0.43	22.04 -0.71 -0.45	28.01 -1.10 -0.18	37.60 -1.48 -0.01	41.95 -1.61 0.00	30.94 -1.15 0.00	27.75 -1.03 0.00	25.75 -0.93 0.00
NM_CAPITAL__DRP 24208	33.27 0.35 -21.62	30.03 0.41 -16.42	28.12 0.42 -14.30	29.27 0.40 -15.52	28.12 0.44 -13.15	27.25 0.60 -7.26	29.89 0.53 -11.58	26.99 0.70 -4.31	28.44 0.65 -8.77	31.54 0.58 -13.79	32.35 0.58 -14.69	32.12 0.46 -17.62	31.36 0.46 -16.85	29.58 0.58 -11.46	31.35 0.48 -16.89	31.35 0.47 -16.95	28.94 0.68 -8.36	31.86 0.80 -8.75	33.65 1.13 -3.60	40.77 1.48 -0.21	45.17 1.61 0.00	33.34 1.25 0.00	29.88 1.09 0.00	27.73 1.04 0.00

NM_CENTRAL___DRP 24181	12.79 -0.10 -1.59	14.28 -0.13 -1.21	14.31 -0.15 -1.05	14.34 -0.16 -1.14	15.33 -0.17 -0.97	19.68 -0.23 -0.53	18.43 -0.20 -0.85	22.09 -0.20 -0.32	19.50 -0.17 -0.64	18.04 -0.14 -1.01	18.02 -0.14 -1.08	15.20 -0.13 -1.29	15.16 -0.13 -1.24	18.22 -0.16 -0.84	15.08 -0.14 -1.24	15.01 -0.15 -1.25	20.28 -0.24 -0.61	22.63 -0.31 -0.64	28.64 -0.55 -0.26	38.43 -0.66 -0.02	42.95 -0.61 0.00	31.67 -0.42 0.00	28.38 -0.40 0.00	26.26 -0.43 0.00
NM_FRONTIER___DRP 24179	13.28 -0.73 -2.72	14.37 -0.90 -2.06	14.25 -0.95 -1.80	14.25 -1.06 -1.95	14.89 -1.29 -1.65	18.55 -1.74 -0.91	17.69 -1.55 -1.45	20.60 -1.91 -0.54	18.45 -1.67 -1.10	17.40 -1.49 -1.73	17.25 -1.67 -1.85	14.87 -1.38 -2.21	14.87 -1.29 -2.12	17.36 -1.61 -1.44	14.87 -1.23 -2.12	14.88 -1.17 -2.13	19.26 -1.69 -1.05	21.26 -2.14 -1.10	26.42 -2.95 -0.45	35.00 -4.10 -0.03	39.37 -4.18 0.00	29.43 -2.66 0.00	26.36 -2.42 0.00	24.66 -2.03 0.00
NM_ST_REGIS___HYD 24053	10.83 -0.47 0.00	12.73 -0.48 0.00	12.96 -0.44 0.00	13.00 -0.36 0.00	14.19 -0.35 0.00	18.96 -0.43 0.00	17.21 -0.57 0.00	21.14 -0.83 0.00	18.15 -0.88 0.00	16.35 -0.81 0.00	16.36 -0.72 0.00	13.47 -0.56 0.00	13.44 -0.60 0.00	16.82 -0.72 0.00	13.39 -0.59 0.00	13.35 -0.57 0.00	19.13 -0.78 0.00	21.55 -0.76 0.00	28.23 -0.69 0.00	38.02 -1.06 0.00	42.34 -1.22 0.00	30.93 -1.16 0.00	27.80 -0.98 0.00	25.83 -0.85 0.00
NORTHPORT___1 23551	30.00 0.98 -17.71	27.68 1.03 -13.45	26.17 1.05 -11.72	26.95 0.88 -12.72	26.29 0.97 -10.78	26.50 1.16 -5.95	28.48 1.21 -9.49	27.31 1.80 -3.53	27.77 1.56 -7.19	29.70 1.24 -11.30	30.36 1.25 -12.04	29.57 1.10 -14.44	28.92 1.07 -13.81	28.28 1.35 -9.39	28.98 1.16 -13.84	29.06 1.24 -13.90	28.62 1.85 -6.86	35.09 2.10 -10.69	37.77 2.75 -6.10	43.60 3.67 -0.86	47.31 3.75 -0.01	36.84 2.76 -1.99	31.64 2.85 -0.01	29.09 2.40 0.00
NORTHPORT___2 23552	30.00 0.98 -17.71	27.68 1.03 -13.45	26.17 1.05 -11.72	26.95 0.88 -12.72	26.29 0.97 -10.78	26.50 1.16 -5.95	28.48 1.21 -9.49	27.31 1.80 -3.53	27.77 1.56 -7.19	29.70 1.24 -11.30	30.36 1.25 -12.04	29.57 1.10 -14.44	28.92 1.07 -13.81	28.28 1.35 -9.39	28.98 1.16 -13.84	29.06 1.24 -13.90	28.62 1.85 -6.86	35.09 2.10 -10.69	37.77 2.75 -6.10	43.60 3.67 -0.86	47.31 3.75 -0.01	36.84 2.76 -1.99	31.64 2.85 -0.01	29.09 2.40 0.00
NORTHPORT___3 23553	29.88 0.86 -17.71	27.56 0.91 -13.45	26.04 0.91 -11.72	26.83 0.76 -12.72	26.14 0.83 -10.78	26.34 1.01 -5.95	28.30 1.03 -9.49	27.02 1.51 -3.53	27.56 1.35 -7.19	29.55 1.08 -11.30	30.22 1.11 -12.04	29.46 0.98 -14.44	28.81 0.96 -13.81	28.14 1.21 -9.39	28.84 1.02 -13.84	28.89 1.07 -13.90	28.34 1.57 -6.86	34.80 1.76 -10.73	37.08 2.02 -6.13	42.59 2.66 -0.86	46.35 2.79 0.00	36.28 2.18 -2.01	31.32 2.53 -0.01	28.80 2.11 0.00
NORTHPORT___4 23650	29.88 0.86 -17.71	27.56 0.91 -13.45	26.04 0.91 -11.72	26.83 0.76 -12.72	26.14 0.83 -10.78	26.34 1.01 -5.95	28.30 1.03 -9.49	27.02 1.51 -3.53	27.56 1.35 -7.19	29.55 1.08 -11.30	30.22 1.11 -12.04	29.46 0.98 -14.44	28.81 0.96 -13.81	28.14 1.21 -9.39	28.84 1.02 -13.84	28.89 1.07 -13.90	28.34 1.57 -6.86	34.80 1.76 -10.73	37.08 2.02 -6.13	42.59 2.66 -0.86	46.35 2.79 0.00	36.28 2.18 -2.01	31.32 2.53 -0.01	28.80 2.11 0.00
NORTHPORT___IC 23718	30.00 0.98 -17.71	27.68 1.03 -13.45	26.17 1.05 -11.72	26.95 0.88 -12.72	26.29 0.97 -10.78	26.50 1.16 -5.95	28.48 1.21 -9.49	27.31 1.80 -3.53	27.77 1.56 -7.19	29.70 1.24 -11.30	30.36 1.25 -12.04	29.57 1.09 -14.44	28.92 1.07 -13.81	28.28 1.35 -9.39	28.98 1.16 -13.84	29.06 1.24 -13.90	28.61 1.85 -6.86	35.09 2.10 -10.69	37.77 2.75 -6.10	43.61 3.67 -0.86	47.31 3.75 -0.01	36.84 2.76 -1.99	31.64 2.85 -0.01	29.09 2.40 0.00
NORTH___COUNTRY_ESR 323785	10.78 -0.52 0.00	12.70 -0.50 0.00	13.02 -0.39 0.00	13.10 -0.25 0.00	14.33 -0.20 0.00	19.17 -0.21 0.00	17.49 -0.29 0.00	21.40 -0.57 0.00	18.34 -0.68 0.00	16.49 -0.67 0.00	16.48 -0.60 0.00	13.60 -0.44 0.00	13.58 -0.46 0.00	16.97 -0.56 0.00	13.56 -0.42 0.00	13.52 -0.40 0.00	19.37 -0.54 0.00	21.83 -0.47 0.00	28.46 -0.46 0.00	38.10 -0.98 0.00	42.34 -1.22 0.00	30.97 -1.12 0.00	27.95 -0.84 0.00	26.10 -0.59 0.00
NPX_GEN_1385_PROXY 323591	29.99 0.97 -17.71	27.68 1.03 -13.45	26.17 1.05 -11.72	26.94 0.87 -12.72	26.27 0.96 -10.78	26.50 1.16 -5.95	28.60 1.33 -9.49	27.66 2.15 -3.53	28.00 1.79 -7.19	29.82 1.36 -11.30	30.36 1.25 -12.04	29.67 1.19 -14.44	29.02 1.17 -13.81	28.40 1.47 -9.39	29.08 1.26 -13.84	29.25 1.43 -13.90	30.50 2.31 -8.29	36.80 2.61 -11.89	40.10 3.41 -7.77	44.42 4.49 -0.86	47.31 3.75 -0.01	37.06 2.98 -1.99	31.90 3.11 -0.01	29.06 2.37 0.00
NPX_GEN_CSC 323557	30.10 1.09 -17.71	27.78 1.12 -13.45	26.28 1.15 -11.72	27.02 0.95 -12.72	26.37 1.06 -10.78	26.59 1.26 -5.95	28.58 1.32 -9.49	27.41 1.91 -3.53	27.89 1.67 -7.19	29.65 1.18 -11.30	30.31 1.19 -12.04	29.53 1.05 -14.44	28.87 1.01 -13.81	28.21 1.28 -9.39	29.02 1.20 -13.84	29.13 1.31 -13.90	28.72 1.95 -6.86	35.32 2.28 -10.74	38.07 3.01 -6.14	44.08 4.14 -0.87	47.92 4.36 -0.01	37.09 2.98 -2.02	31.70 2.91 -0.01	29.36 2.67 0.00
NSINS_S___GLNS_FALLS 23858	34.15 0.69 -22.15	30.80 0.78 -16.82	28.86 0.80 -14.66	30.05 0.79 -15.90	28.87 0.86 -13.48	27.95 1.12 -7.44	30.70 1.05 -11.87	27.77 1.38 -4.42	29.23 1.22 -8.99	32.46 1.17 -14.14	33.38 1.25 -15.06	33.03 0.94 -18.06	32.21 0.90 -17.26	30.39 1.10 -11.75	32.20 0.91 -17.31	32.20 0.90 -17.37	29.71 1.23 -8.57	32.77 1.49 -8.97	34.75 2.14 -3.69	42.37 3.09 -0.21	46.95 3.40 0.00	34.56 2.47 0.00	30.85 2.07 0.00	28.53 1.84 0.00
NUCOR_STEEL___DRP 24197	13.47 0.00 -2.17	14.84 -0.01 -1.65	14.81 -0.03 -1.44	14.86 -0.05 -1.56	15.80 -0.06 -1.32	20.05 -0.06 -0.73	18.92 -0.02 -1.16	22.43 0.02 -0.43	19.93 0.02 -0.88	18.54 0.00 -1.38	18.57 0.02 -1.48	15.79 -0.01 -1.77	15.73 -0.01 -1.69	18.63 -0.05 -1.15	15.62 -0.06 -1.70	15.57 -0.06 -1.70	20.64 -0.10 -0.84	23.03 -0.16 -0.88	28.99 -0.29 -0.36	38.90 -0.20 -0.02	43.51 -0.04 0.00	32.09 0.00 0.00	28.72 -0.06 0.00	26.58 -0.11 0.00
NUMBER_THREE_WT_PWR 323818	11.78 -0.20 -0.68	13.48 -0.24 -0.52	13.61 -0.24 -0.45	13.60 -0.24 -0.49	14.75 -0.20 -0.41	19.34 -0.27 -0.23	17.86 -0.29 -0.37	21.78 -0.33 -0.14	18.96 -0.34 -0.28	17.20 -0.39 -0.43	17.15 -0.39 -0.46	14.24 -0.35 -0.56	14.19 -0.39 -0.53	17.37 -0.53 -0.36	14.08 -0.43 -0.53	14.00 -0.46 -0.53	19.59 -0.58 -0.26	22.00 -0.58 -0.28	28.69 -0.35 -0.11	38.89 -0.19 -0.01	43.38 -0.17 0.00	31.80 -0.29 0.00	28.41 -0.37 0.00	26.26 -0.43 0.00
NYISO_LBMP_REFERENCE 24008	11.30 0.00 0.00	13.20 0.00 0.00	13.40 0.00 0.00	13.36 0.00 0.00	14.53 0.00 0.00	19.38 0.00 0.00	17.78 0.00 0.00	21.97 0.00 0.00	19.03 0.00 0.00	17.16 0.00 0.00	17.07 0.00 0.00	14.04 0.00 0.00	14.05 0.00 0.00	17.54 0.00 0.00	13.98 0.00 0.00	13.92 0.00 0.00	19.90 0.00 0.00	22.30 0.00 0.00	28.92 0.00 0.00	39.08 0.00 0.00	43.56 0.00 0.00	32.09 0.00 0.00	28.78 0.00 0.00	26.69 0.00 0.00

NYPA_BRENTWD____GT 24164	30.09 1.07 -17.71	27.79 1.14 -13.45	26.28 1.15 -11.72	27.03 0.96 -12.72	26.39 1.08 -10.78	26.63 1.30 -5.95	28.58 1.32 -9.49	27.41 1.91 -3.53	27.89 1.67 -7.19	29.80 1.34 -11.30	30.46 1.35 -12.04	29.66 1.18 -14.44	29.01 1.15 -13.81	28.37 1.44 -9.39	29.07 1.24 -13.84	29.14 1.32 -13.90	28.74 1.97 -6.86	35.38 2.28 -10.80	38.13 3.01 -6.20	44.02 4.06 -0.88	47.84 4.27 -0.01	37.25 3.11 -2.05	31.90 3.11 -0.01	29.30 2.62 0.00
NYPA_GOWANUS____GT5 24156	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
NYPA_GOWANUS____GT6 24157	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.02 1.51 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.87 3.31 0.00	34.57 2.47 -0.01	31.04 2.25 -0.01	28.78 2.08 -0.01
NYPA_HARLEM__RVR__GT1 24160	29.67 0.67 -17.70	27.41 0.77 -13.44	25.86 0.75 -11.71	26.73 0.67 -12.71	26.03 0.73 -10.77	26.22 0.89 -5.94	28.17 0.91 -9.48	26.68 1.19 -3.52	27.34 1.14 -7.18	29.47 1.01 -11.29	30.04 0.94 -12.03	29.27 0.80 -14.43	28.67 0.83 -13.79	27.96 1.03 -9.39	28.64 0.82 -13.83	28.62 0.82 -13.88	27.94 1.19 -6.84	30.87 1.41 -7.16	33.74 1.88 -2.94	41.70 2.46 -0.16	46.16 2.61 0.01	34.01 1.93 0.01	30.56 1.79 0.01	28.33 1.66 0.01
NYPA_HARLEM__RVR__GT2 24161	29.67 0.67 -17.70	27.41 0.77 -13.44	25.86 0.75 -11.71	26.73 0.67 -12.71	26.03 0.73 -10.77	26.22 0.89 -5.94	28.17 0.91 -9.48	26.68 1.19 -3.52	27.34 1.14 -7.18	29.47 1.01 -11.29	30.04 0.94 -12.03	29.27 0.80 -14.43	28.67 0.83 -13.79	27.96 1.03 -9.39	28.64 0.82 -13.83	28.62 0.82 -13.88	27.94 1.19 -6.84	30.87 1.41 -7.16	33.74 1.88 -2.94	41.70 2.46 -0.16	46.16 2.61 0.01	34.01 1.93 0.01	30.56 1.79 0.01	28.33 1.66 0.01
NYPA_KENT____GT 24152	29.83 0.81 -17.72	27.59 0.94 -13.46	26.06 0.94 -11.72	26.92 0.84 -12.72	26.23 0.92 -10.78	26.48 1.14 -5.95	28.39 1.12 -9.49	26.95 1.45 -3.53	27.59 1.37 -7.19	29.70 1.24 -11.31	30.28 1.16 -12.04	29.46 0.98 -14.44	28.87 1.01 -13.81	28.18 1.25 -9.40	28.83 1.01 -13.84	28.82 1.00 -13.89	28.21 1.45 -6.86	31.15 1.67 -7.17	34.10 2.23 -2.96	42.22 2.97 -0.17	46.73 3.18 0.00	34.44 2.34 0.00	30.95 2.16 0.00	28.69 2.00 0.00
NYPA_POUCH1____GT 24155	29.85 0.82 -17.72	27.62 0.96 -13.46	26.09 0.97 -11.72	26.95 0.87 -12.72	26.25 0.94 -10.78	26.50 1.16 -5.95	28.42 1.15 -9.49	27.00 1.49 -3.53	27.61 1.39 -7.19	29.71 1.24 -11.31	30.28 1.16 -12.05	29.46 0.98 -14.45	28.87 1.01 -13.81	28.20 1.26 -9.40	28.83 1.01 -13.84	28.82 1.00 -13.90	28.21 1.45 -6.86	31.18 1.69 -7.18	34.14 2.26 -2.96	42.22 2.97 -0.18	46.65 3.09 0.00	34.47 2.37 -0.01	30.98 2.19 -0.01	28.72 2.03 -0.01
NYPA_VERNON____GT2 24162	29.79 0.77 -17.71	27.55 0.90 -13.45	26.01 0.88 -11.72	26.87 0.80 -12.72	26.17 0.86 -10.78	26.42 1.08 -5.95	28.33 1.07 -9.49	26.89 1.39 -3.53	27.52 1.31 -7.19	29.65 1.18 -11.30	30.22 1.11 -12.04	29.42 0.94 -14.44	28.82 0.97 -13.80	28.12 1.19 -9.39	28.77 0.95 -13.84	28.77 0.96 -13.89	28.13 1.37 -6.85	31.08 1.61 -7.17	34.01 2.14 -2.95	42.10 2.85 -0.17	46.60 3.05 0.00	34.34 2.25 0.00	30.86 2.07 0.00	28.58 1.90 0.00
NYPA_VERNON____GT3 24163	29.79 0.77 -17.71	27.55 0.90 -13.45	26.01 0.88 -11.72	26.87 0.80 -12.72	26.17 0.86 -10.78	26.42 1.08 -5.95	28.33 1.07 -9.49	26.89 1.39 -3.53	27.52 1.31 -7.19	29.65 1.18 -11.30	30.22 1.11 -12.04	29.42 0.94 -14.44	28.82 0.97 -13.80	28.12 1.19 -9.39	28.77 0.95 -13.84	28.77 0.96 -13.89	28.13 1.37 -6.85	31.08 1.61 -7.17	34.01 2.14 -2.95	42.10 2.85 -0.17	46.60 3.05 0.00	34.34 2.25 0.00	30.86 2.07 0.00	28.58 1.90 0.00
NYPA__ASTORIA_CC1 323568	29.77 0.76 -17.71	27.54 0.88 -13.45	25.99 0.87 -11.72	26.84 0.77 -12.71	26.15 0.84 -10.78	26.38 1.05 -5.95	28.32 1.05 -9.49	26.87 1.36 -3.53	27.51 1.29 -7.18	29.61 1.15 -11.30	30.19 1.08 -12.04	29.39 0.91 -14.44	28.79 0.94 -13.80	28.10 1.18 -9.39	28.76 0.94 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.06 1.58 -7.17	33.96 2.08 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.80 2.01 0.00	28.56 1.87 0.00
NYPA__ASTORIA_CC2 323569	29.77 0.76 -17.71	27.54 0.88 -13.45	25.99 0.87 -11.72	26.84 0.77 -12.71	26.15 0.84 -10.78	26.38 1.05 -5.95	28.32 1.05 -9.49	26.87 1.36 -3.53	27.51 1.29 -7.18	29.61 1.15 -11.30	30.19 1.08 -12.04	29.39 0.91 -14.44	28.79 0.94 -13.80	28.10 1.18 -9.39	28.76 0.94 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.06 1.58 -7.17	33.96 2.08 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.80 2.01 0.00	28.56 1.87 0.00
NYPA__HOLTSVILL 23794	30.05 1.03 -17.71	27.72 1.07 -13.45	26.22 1.10 -11.72	26.98 0.91 -12.72	26.33 1.02 -10.78	26.54 1.20 -5.95	28.53 1.26 -9.49	27.33 1.82 -3.53	27.81 1.60 -7.19	29.70 1.24 -11.30	30.36 1.25 -12.04	29.57 1.10 -14.44	28.92 1.07 -13.81	28.26 1.33 -9.39	29.00 1.17 -13.84	29.09 1.27 -13.90	28.66 1.89 -6.86	35.21 2.16 -10.74	37.92 2.86 -6.14	43.81 3.87 -0.87	47.66 4.09 -0.01	37.02 2.92 -2.01	31.73 2.94 -0.01	29.22 2.54 0.00
NYPA__HELLGATE_GT1 24158	29.67 0.67 -17.70	27.41 0.77 -13.44	25.86 0.75 -11.71	26.73 0.67 -12.71	26.03 0.73 -10.77	26.22 0.89 -5.94	28.17 0.91 -9.48	26.68 1.19 -3.52	27.34 1.14 -7.18	29.47 1.01 -11.29	30.04 0.94 -12.03	29.27 0.80 -14.43	28.67 0.83 -13.79	27.96 1.03 -9.39	28.64 0.82 -13.83	28.62 0.82 -13.88	27.94 1.19 -6.84	30.87 1.41 -7.16	33.74 1.88 -2.94	41.70 2.46 -0.16	46.16 2.61 0.01	34.01 1.93 0.01	30.56 1.79 0.01	28.33 1.66 0.01
NYPA__HELLGATE_GT2 24159	29.67 0.67 -17.70	27.41 0.77 -13.44	25.86 0.75 -11.71	26.73 0.67 -12.71	26.03 0.73 -10.77	26.22 0.89 -5.94	28.17 0.91 -9.48	26.68 1.19 -3.52	27.34 1.14 -7.18	29.47 1.01 -11.29	30.04 0.94 -12.03	29.27 0.80 -14.43	28.67 0.83 -13.79	27.96 1.03 -9.39	28.64 0.82 -13.83	28.62 0.82 -13.88	27.94 1.19 -6.84	30.87 1.41 -7.16	33.74 1.88 -2.94	41.70 2.46 -0.16	46.16 2.61 0.01	34.01 1.93 0.01	30.56 1.79 0.01	28.33 1.66 0.01
NYS_BARGE__HYD 23848	13.26 -0.70 -2.65	14.36 -0.86 -2.02	14.25 -0.91 -1.76	14.25 -1.02 -1.91	14.94 -1.21 -1.62	18.72 -1.55 -0.89	17.81 -1.39 -1.42	20.79 -1.71 -0.53	18.58 -1.52 -1.08	17.46 -1.39 -1.69	17.33 -1.55 -1.80	14.91 -1.29 -2.16	14.91 -1.21 -2.07	17.42 -1.53 -1.41	14.91 -1.15 -2.07	14.92 -1.09 -2.08	19.38 -1.55 -1.03	21.42 -1.96 -1.07	26.73 -2.63 -0.44	35.62 -3.48 -0.03	40.03 -3.53 0.00	29.91 -2.18 0.00	26.77 -2.02 0.00	25.01 -1.68 0.00

OAK ORCHARD___HYD 24046	13.21 -0.28 -2.19	14.49 -0.37 -1.66	14.46 -0.39 -1.45	14.49 -0.44 -1.57	15.33 -0.54 -1.33	19.42 -0.70 -0.73	18.33 -0.62 -1.17	21.68 -0.72 -0.44	19.23 -0.68 -0.89	17.95 -0.60 -1.40	17.90 -0.67 -1.49	15.26 -0.56 -1.78	15.20 -0.55 -1.70	18.03 -0.67 -1.16	15.17 -0.52 -1.71	15.16 -0.47 -1.72	20.03 -0.72 -0.85	22.25 -0.94 -0.89	27.98 -1.30 -0.36	37.30 -1.80 -0.02	41.90 -1.66 0.00	31.00 -1.09 0.00	27.75 -1.03 0.00	25.75 -0.93 0.00
OAKDALE___35_KV_LOAD 356122	16.92 -0.03 -5.65	17.44 -0.05 -4.29	17.07 -0.07 -3.74	17.32 -0.09 -4.05	17.85 -0.12 -3.44	21.13 -0.16 -1.90	20.68 -0.12 -3.03	22.99 -0.11 -1.13	21.22 -0.10 -2.29	20.68 -0.09 -3.60	20.79 -0.12 -3.84	18.53 -0.11 -4.60	18.36 -0.08 -4.40	20.41 -0.12 -2.99	18.29 -0.10 -4.41	18.24 -0.11 -4.43	21.93 -0.16 -2.18	24.34 -0.25 -2.29	29.54 -0.32 -0.94	38.97 -0.16 -0.05	43.47 -0.09 0.00	32.12 0.03 0.00	28.78 0.00 0.00	26.66 -0.03 0.00
OCC_CHEM___DRP 24175	13.31 -0.71 -2.72	14.38 -0.88 -2.07	14.28 -0.92 -1.80	14.28 -1.03 -1.95	14.93 -1.26 -1.66	18.59 -1.71 -0.91	17.72 -1.51 -1.46	20.67 -1.85 -0.54	18.49 -1.64 -1.10	17.44 -1.46 -1.74	17.30 -1.62 -1.85	14.91 -1.35 -2.22	14.92 -1.25 -2.12	17.42 -1.56 -1.44	14.92 -1.19 -2.13	14.91 -1.14 -2.13	19.32 -1.63 -1.05	21.31 -2.10 -1.10	26.51 -2.86 -0.45	35.12 -3.99 -0.03	39.46 -4.09 0.00	29.49 -2.60 0.00	26.45 -2.33 0.00	24.74 -1.95 0.00
OH_GEN_PROXY 24063	13.31 -0.69 -2.69	14.40 -0.85 -2.04	14.30 -0.89 -1.78	14.30 -0.99 -1.93	15.00 -1.18 -1.64	18.76 -1.53 -0.90	17.87 -1.35 -1.44	20.86 -1.65 -0.54	18.65 -1.46 -1.09	17.59 -1.29 -1.72	17.47 -1.43 -1.83	15.04 -1.19 -2.19	15.04 -1.11 -2.10	17.56 -1.56 -1.43	15.04 -1.05 -2.10	15.03 -1.00 -2.11	19.47 -1.47 -1.04	21.52 -1.87 -1.09	26.77 -2.60 -0.45	35.55 -3.56 -0.03	39.90 -3.66 0.00	29.78 -2.31 0.00	26.71 -2.07 0.00	24.95 -1.73 0.00
OLIN_CORP_DRP 24177	13.22 -0.83 -2.74	14.28 -1.00 -2.08	14.16 -1.06 -1.81	14.18 -1.15 -1.97	14.84 -1.37 -1.67	18.54 -1.76 -0.92	17.67 -1.58 -1.47	20.59 -1.93 -0.55	18.43 -1.71 -1.11	17.35 -1.56 -1.75	17.23 -1.71 -1.86	14.85 -1.42 -2.24	14.85 -1.33 -2.14	17.31 -1.68 -1.45	14.85 -1.27 -2.14	14.86 -1.21 -2.15	19.23 -1.73 -1.06	21.23 -2.19 -1.11	26.40 -2.98 -0.46	35.04 -4.06 -0.03	39.42 -4.14 0.00	29.46 -2.63 0.00	26.39 -2.39 0.00	24.69 -2.00 0.00
OLIN_CORP_DSASP 323712	13.31 -0.71 -2.72	14.40 -0.87 -2.07	14.28 -0.92 -1.80	14.28 -1.03 -1.95	14.93 -1.26 -1.66	18.59 -1.71 -0.91	17.72 -1.51 -1.46	20.65 -1.87 -0.54	18.49 -1.64 -1.10	17.44 -1.46 -1.74	17.30 -1.62 -1.85	14.91 -1.35 -2.22	14.92 -1.25 -2.12	17.42 -1.56 -1.44	14.92 -1.19 -2.13	14.91 -1.14 -2.13	19.32 -1.63 -1.05	21.31 -2.10 -1.10	26.51 -2.86 -0.45	35.16 -3.95 -0.03	39.46 -4.10 0.00	29.49 -2.60 0.00	26.45 -2.33 0.00	24.74 -1.95 0.00
ONEIDA_HERK_LFGE 323681	11.95 0.03 -0.61	13.70 0.04 -0.46	13.85 0.04 -0.40	13.83 0.04 -0.44	14.98 0.07 -0.37	19.68 0.10 -0.20	18.17 0.07 -0.33	22.25 0.15 -0.12	19.39 0.11 -0.25	17.62 0.07 -0.39	17.54 0.05 -0.41	14.56 0.03 -0.50	14.52 0.00 -0.47	17.84 -0.02 -0.32	14.43 -0.03 -0.47	14.33 -0.07 -0.48	20.10 -0.04 -0.24	22.51 -0.04 -0.25	29.25 0.23 -0.10	39.59 0.51 -0.01	44.17 0.61 0.00	32.44 0.35 0.00	29.01 0.23 0.00	26.85 0.16 0.00
ONEIDA___115KV_TB4 55905	12.56 0.18 -1.07	14.21 0.20 -0.81	14.30 0.19 -0.71	14.30 0.17 -0.77	15.40 0.22 -0.65	20.03 0.29 -0.36	18.64 0.28 -0.57	22.60 0.42 -0.21	19.80 0.34 -0.43	18.12 0.27 -0.68	18.08 0.27 -0.73	15.11 0.20 -0.87	15.07 0.18 -0.84	18.31 0.21 -0.57	14.97 0.15 -0.84	14.87 0.11 -0.84	20.52 0.20 -0.41	22.96 0.22 -0.43	29.56 0.46 -0.18	39.95 0.86 -0.01	44.56 1.00 0.00	32.80 0.71 0.00	29.33 0.55 0.00	27.14 0.45 0.00
ONONDAGA_REF_OCCRA 23987	13.19 -0.07 -1.96	14.59 -0.09 -1.49	14.59 -0.11 -1.29	14.64 -0.12 -1.40	15.59 -0.13 -1.19	19.87 -0.17 -0.66	18.68 -0.14 -1.05	22.23 -0.13 -0.39	19.71 -0.11 -0.79	18.32 -0.09 -1.25	18.32 -0.09 -1.33	15.55 -0.08 -1.60	15.49 -0.08 -1.53	18.45 -0.12 -1.04	15.40 -0.11 -1.53	15.34 -0.11 -1.53	20.48 -0.18 -0.76	22.85 -0.25 -0.79	28.81 -0.43 -0.33	38.66 -0.43 -0.02	43.16 -0.39 0.00	31.83 -0.26 0.00	28.49 -0.29 0.00	26.39 -0.29 0.00
ONONDAGA___COGEN 23986	13.07 -0.06 -1.82	14.50 -0.08 -1.38	14.51 -0.09 -1.20	14.54 -0.12 -1.31	15.52 -0.12 -1.11	19.84 -0.16 -0.61	18.63 -0.12 -0.97	22.23 -0.11 -0.36	19.69 -0.08 -0.74	18.25 -0.07 -1.16	18.26 -0.05 -1.24	15.45 -0.07 -1.48	15.41 -0.06 -1.42	18.41 -0.09 -0.96	15.30 -0.10 -1.42	15.25 -0.10 -1.43	20.45 -0.16 -0.70	22.82 -0.22 -0.74	28.79 -0.43 -0.30	38.62 -0.47 -0.02	43.12 -0.44 0.00	31.80 -0.29 0.00	28.49 -0.29 0.00	26.39 -0.29 0.00
ONTARIO___LFGE 23819	13.75 -0.12 -2.57	14.98 -0.17 -1.95	14.90 -0.20 -1.70	14.96 -0.24 -1.85	15.84 -0.26 -1.56	19.90 -0.35 -0.86	18.89 -0.27 -1.38	22.22 -0.26 -0.51	19.78 -0.28 -1.04	18.52 -0.28 -1.64	18.50 -0.32 -1.75	15.84 -0.30 -2.10	15.76 -0.30 -2.00	18.53 -0.37 -1.36	15.68 -0.31 -2.01	15.64 -0.29 -2.02	20.46 -0.44 -0.99	22.83 -0.51 -1.04	28.71 -0.64 -0.43	38.67 -0.43 -0.02	43.16 -0.39 0.00	32.03 -0.06 0.00	28.64 -0.14 0.00	26.50 -0.19 0.00
ORANGEVILLE_WT_PWR 323706	13.75 -0.82 -3.27	14.68 -1.00 -2.48	14.52 -1.05 -2.16	14.58 -1.12 -2.35	15.23 -1.29 -1.99	18.80 -1.69 -1.10	18.05 -1.48 -1.75	20.78 -1.85 -0.65	18.64 -1.71 -1.33	17.70 -1.54 -2.09	17.62 -1.67 -2.22	15.31 -1.39 -2.67	15.30 -1.29 -2.55	17.71 -1.56 -1.73	15.35 -1.19 -2.55	15.34 -1.14 -2.56	19.54 -1.63 -1.26	21.69 -1.94 -1.32	27.04 -2.43 -0.54	36.45 -2.66 -0.03	40.94 -2.61 0.00	30.58 -1.51 0.00	27.37 -1.41 0.00	25.54 -1.15 0.00
ORANGEVILLE___ESR 323794	13.75 -0.82 -3.27	14.68 -1.00 -2.48	14.52 -1.05 -2.16	14.58 -1.12 -2.35	15.23 -1.29 -1.99	18.80 -1.69 -1.10	18.05 -1.48 -1.75	20.78 -1.85 -0.65	18.64 -1.71 -1.33	17.70 -1.54 -2.09	17.62 -1.67 -2.22	15.31 -1.39 -2.67	15.30 -1.29 -2.55	17.71 -1.56 -1.73	15.35 -1.19 -2.55	15.34 -1.14 -2.56	19.54 -1.63 -1.26	21.69 -1.94 -1.32	27.04 -2.43 -0.54	36.45 -2.66 -0.03	40.94 -2.61 0.00	30.58 -1.51 0.00	27.37 -1.41 0.00	25.54 -1.15 0.00
OSWEGATCHIE___HYD 24044	11.36 -0.45 -0.51	13.08 -0.50 -0.39	13.23 -0.51 -0.34	13.25 -0.47 -0.36	14.38 -0.47 -0.31	18.95 -0.60 -0.17	17.37 -0.68 -0.27	21.19 -0.88 -0.10	18.38 -0.86 -0.21	16.66 -0.82 -0.32	16.63 -0.79 -0.35	13.80 -0.65 -0.41	13.74 -0.70 -0.40	16.93 -0.88 -0.27	13.67 -0.71 -0.40	13.59 -0.72 -0.40	19.14 -0.95 -0.20	21.51 -1.00 -0.21	28.08 -0.93 -0.08	37.95 -1.13 0.00	42.34 -1.22 0.00	30.97 -1.12 0.00	27.72 -1.06 0.00	25.67 -1.01 0.00
OSWEGO___5 23606	12.35 -0.24 -1.28	13.88 -0.29 -0.97	13.96 -0.29 -0.85	13.97 -0.31 -0.92	14.98 -0.33 -0.78	19.37 -0.45 -0.43	18.07 -0.39 -0.69	21.74 -0.48 -0.26	19.13 -0.42 -0.52	17.60 -0.38 -0.82	17.57 -0.38 -0.87	14.77 -0.31 -1.04	14.74 -0.31 -1.00	17.81 -0.40 -0.68	14.66 -0.32 -1.00	14.60 -0.32 -1.00	19.92 -0.48 -0.50	22.24 -0.58 -0.52	28.24 -0.90 -0.21	37.92 -1.17 -0.01	42.29 -1.26 0.00	31.19 -0.90 0.00	27.98 -0.81 0.00	25.94 -0.75 0.00

OSWEGO___6 23613	12.35 -0.24 -1.28	13.88 -0.29 -0.97	13.96 -0.29 -0.85	13.97 -0.31 -0.92	14.98 -0.33 -0.78	19.37 -0.45 -0.43	18.07 -0.39 -0.69	21.74 -0.48 -0.26	19.13 -0.42 -0.52	17.60 -0.38 -0.82	17.57 -0.38 -0.87	14.77 -0.31 -1.04	14.74 -0.31 -1.00	17.81 -0.40 -0.68	14.66 -0.32 -1.00	14.60 -0.32 -1.00	19.92 -0.48 -0.50	22.24 -0.58 -0.52	28.24 -0.90 -0.21	37.92 -1.17 -0.01	42.29 -1.26 0.00	31.19 -0.90 0.00	27.98 -0.81 0.00	25.94 -0.75 0.00
OUTOKUMPU-AB___DRP 24206	13.44 -0.63 -2.77	14.53 -0.78 -2.10	14.42 -0.82 -1.83	14.42 -0.92 -1.99	15.09 -1.13 -1.69	18.84 -1.47 -0.93	17.96 -1.30 -1.48	20.90 -1.63 -0.55	18.70 -1.45 -1.12	17.62 -1.30 -1.77	17.49 -1.47 -1.88	15.09 -1.21 -2.26	15.08 -1.12 -2.16	17.58 -1.42 -1.47	15.08 -1.06 -2.16	15.09 -1.00 -2.17	19.54 -1.43 -1.07	21.55 -1.87 -1.12	26.87 -2.52 -0.46	35.82 -3.28 -0.03	40.29 -3.27 0.00	30.13 -1.96 0.00	26.97 -1.81 0.00	25.19 -1.49 0.00
OXBOW___BTM 323836	13.36 -0.69 -2.75	14.44 -0.85 -2.09	14.34 -0.89 -1.82	14.34 -0.99 -1.97	14.98 -1.22 -1.67	18.70 -1.61 -0.92	17.83 -1.42 -1.47	20.76 -1.76 -0.55	18.58 -1.56 -1.11	17.51 -1.41 -1.75	17.37 -1.57 -1.87	14.98 -1.29 -2.24	14.98 -1.21 -2.14	17.48 -1.51 -1.46	14.98 -1.15 -2.15	14.99 -1.09 -2.15	19.41 -1.55 -1.06	21.43 -1.99 -1.11	26.66 -2.72 -0.46	35.47 -3.63 -0.03	39.85 -3.70 0.00	29.81 -2.28 0.00	26.68 -2.10 0.00	24.95 -1.73 0.00
OXBOW____ 24026	13.36 -0.69 -2.75	14.44 -0.84 -2.09	14.34 -0.88 -1.82	14.34 -0.99 -1.97	14.98 -1.22 -1.67	18.70 -1.61 -0.92	17.83 -1.42 -1.47	20.76 -1.76 -0.55	18.58 -1.56 -1.11	17.50 -1.41 -1.75	17.37 -1.57 -1.87	14.98 -1.29 -2.24	14.98 -1.21 -2.14	17.48 -1.51 -1.46	14.98 -1.15 -2.15	14.99 -1.09 -2.15	19.41 -1.55 -1.06	21.43 -1.99 -1.11	26.66 -2.72 -0.46	35.43 -3.67 -0.03	39.85 -3.70 0.00	29.81 -2.28 0.00	26.68 -2.10 0.00	24.95 -1.73 0.00
OXY_CHEM_DSASP 323612	13.31 -0.71 -2.72	14.38 -0.88 -2.07	14.28 -0.92 -1.80	14.28 -1.03 -1.95	14.93 -1.26 -1.66	18.59 -1.71 -0.91	17.72 -1.51 -1.46	20.67 -1.85 -0.54	18.49 -1.64 -1.10	17.44 -1.46 -1.74	17.30 -1.62 -1.85	14.91 -1.35 -2.22	14.92 -1.25 -2.12	17.42 -1.56 -1.44	14.92 -1.19 -2.13	14.91 -1.14 -2.13	19.32 -1.63 -1.05	21.31 -2.10 -1.10	26.51 -2.86 -0.45	35.12 -3.99 -0.03	39.46 -4.09 0.00	29.49 -2.60 0.00	26.45 -2.33 0.00	24.74 -1.95 0.00
OZONE_PARK_ESR 323760	29.84 0.83 -17.71	27.60 0.95 -13.45	26.06 0.94 -11.72	26.92 0.85 -12.71	26.23 0.92 -10.78	26.50 1.16 -5.95	28.40 1.14 -9.49	26.98 1.47 -3.53	27.58 1.37 -7.18	29.71 1.25 -11.30	30.29 1.18 -12.04	29.45 0.98 -14.44	28.86 1.01 -13.80	28.19 1.26 -9.39	28.82 1.01 -13.84	28.81 1.00 -13.89	28.21 1.45 -6.85	31.17 1.70 -7.17	34.16 2.28 -2.95	42.29 3.05 -0.17	46.82 3.27 0.00	34.50 2.41 0.00	30.97 2.19 0.00	28.64 1.95 0.00
PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013	13.31 -0.71 -2.72	14.38 -0.88 -2.07	14.28 -0.92 -1.80	14.28 -1.03 -1.95	14.93 -1.26 -1.66	18.59 -1.71 -0.91	17.72 -1.51 -1.46	20.67 -1.85 -0.54	18.49 -1.64 -1.10	17.44 -1.46 -1.74	17.30 -1.62 -1.85	14.91 -1.35 -2.22	14.92 -1.25 -2.12	17.42 -1.56 -1.44	14.92 -1.19 -2.13	14.91 -1.14 -2.13	19.32 -1.63 -1.05	21.31 -2.10 -1.10	26.51 -2.86 -0.45	35.12 -3.99 -0.03	39.46 -4.09 0.00	29.49 -2.60 0.00	26.45 -2.33 0.00	24.74 -1.95 0.00
PACKARD__I15KV_DUPONT_I84 80571	13.31 -0.71 -2.72	14.38 -0.88 -2.07	14.28 -0.92 -1.80	14.28 -1.03 -1.95	14.93 -1.26 -1.66	18.59 -1.71 -0.91	17.72 -1.51 -1.46	20.67 -1.85 -0.54	18.49 -1.64 -1.10	17.44 -1.46 -1.74	17.30 -1.62 -1.85	14.91 -1.35 -2.22	14.92 -1.25 -2.12	17.42 -1.56 -1.44	14.92 -1.19 -2.13	14.91 -1.14 -2.13	19.32 -1.63 -1.05	21.31 -2.10 -1.10	26.51 -2.86 -0.45	35.12 -3.99 -0.03	39.46 -4.09 0.00	29.49 -2.60 0.00	26.45 -2.33 0.00	24.74 -1.95 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	29.73 0.71 -17.71	27.47 0.82 -13.45	25.94 0.82 -11.72	26.79 0.72 -12.71	26.10 0.78 -10.78	26.30 0.97 -5.95	28.25 0.98 -9.49	26.78 1.27 -3.53	27.43 1.22 -7.18	29.54 1.08 -11.30	30.12 1.01 -12.04	29.33 0.86 -14.44	28.74 0.89 -13.80	28.03 1.10 -9.39	28.70 0.88 -13.84	28.69 0.88 -13.89	28.03 1.27 -6.85	30.97 1.49 -7.17	33.87 2.00 -2.95	41.90 2.66 -0.17	46.34 2.79 0.00	34.14 2.05 0.00	30.68 1.90 0.00	28.48 1.79 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	29.77 0.76 -17.71	27.54 0.88 -13.45	26.01 0.88 -11.72	26.87 0.80 -12.71	26.17 0.86 -10.78	26.42 1.09 -5.95	28.33 1.07 -9.49	26.89 1.38 -3.53	27.50 1.29 -7.18	29.61 1.15 -11.30	30.17 1.06 -12.04	29.37 0.90 -14.44	28.78 0.93 -13.80	28.09 1.16 -9.39	28.74 0.92 -13.84	28.73 0.92 -13.89	28.07 1.31 -6.85	31.03 1.56 -7.17	33.95 2.08 -2.95	42.06 2.81 -0.17	46.56 3.01 0.00	34.27 2.18 0.00	30.80 2.01 0.00	28.56 1.87 0.00
PATROON__I15KV_TB1 80586	33.36 0.33 -21.73	30.09 0.38 -16.50	28.17 0.39 -14.37	29.33 0.37 -15.60	28.16 0.41 -13.22	27.25 0.56 -7.30	29.92 0.50 -11.64	26.96 0.66 -4.33	28.45 0.61 -8.81	31.57 0.55 -13.87	32.41 0.56 -14.77	32.20 0.45 -17.71	31.43 0.45 -16.93	29.60 0.54 -11.52	31.40 0.45 -16.98	31.42 0.46 -17.04	28.95 0.64 -8.41	31.86 0.76 -8.80	33.61 1.07 -3.62	40.69 1.41 -0.21	45.08 1.52 0.00	33.28 1.19 0.00	29.82 1.04 0.00	27.70 1.01 0.00
PATTRSNVILLE__SOLAR 323815	35.77 0.60 -23.87	32.01 0.69 -18.13	29.90 0.71 -15.79	31.18 0.69 -17.13	29.81 0.76 -14.52	28.37 0.97 -8.02	31.47 0.91 -12.79	27.83 1.10 -4.76	29.52 0.82 -9.68	33.09 0.70 -15.23	34.01 0.72 -16.22	34.04 0.55 -19.46	33.17 0.52 -18.60	30.82 0.63 -12.66	33.10 0.48 -18.65	33.07 0.43 -18.72	29.73 0.60 -9.23	32.79 0.83 -9.66	34.49 1.59 -3.98	41.88 2.58 -0.23	46.48 2.92 0.00	34.27 2.18 0.00	30.60 1.81 0.00	28.29 1.60 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	13.53 -0.80 -3.02	14.52 -0.98 -2.30	14.39 -1.02 -2.00	14.42 -1.11 -2.17	15.08 -1.29 -1.84	18.71 -1.69 -1.02	17.90 -1.49 -1.62	20.73 -1.85 -0.60	18.62 -1.64 -1.23	17.60 -1.49 -1.93	17.49 -1.64 -2.06	15.15 -1.35 -2.47	15.13 -1.28 -2.36	17.53 -1.61 -1.60	15.13 -1.22 -2.36	15.12 -1.17 -2.37	19.40 -1.67 -1.17	21.43 -2.10 -1.22	26.65 -2.78 -0.50	36.17 -2.93 -0.03	40.73 -2.83 0.00	30.39 -1.70 0.00	27.20 -1.58 0.00	25.35 -1.33 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	29.90 0.71 -17.89	27.63 0.84 -13.58	26.08 0.84 -11.83	26.98 0.79 -12.84	26.26 0.84 -10.88	26.44 1.05 -6.01	28.41 1.05 -9.58	26.83 1.30 -3.57	27.50 1.22 -7.26	29.66 1.08 -11.41	30.29 1.06 -12.16	29.52 0.90 -14.58	28.89 0.90 -13.94	28.16 1.14 -9.49	28.84 0.88 -13.97	28.84 0.89 -14.03	28.10 1.27 -6.92	31.08 1.54 -7.24	34.04 2.14 -2.98	42.18 2.93 -0.17	46.74 3.18 0.00	34.43 2.34 0.00	30.85 2.07 0.00	28.50 1.81 0.00
PEEKSKILL____ 23653	29.49 0.66 -17.53	27.28 0.77 -13.31	25.75 0.75 -11.60	26.63 0.69 -12.58	25.94 0.74 -10.67	26.20 0.93 -5.89	28.08 0.91 -9.39	26.63 1.16 -3.49	27.24 1.10 -7.11	29.32 0.98 -11.19	29.93 0.94 -11.91	29.13 0.80 -14.29	28.51 0.80 -13.66	27.85 1.02 -9.30	28.49 0.81 -13.70	28.47 0.81 -13.75	27.86 1.17 -6.78	30.78 1.38 -7.10	33.69 1.85 -2.92	41.75 2.50 -0.17	46.26 2.70 0.00	34.08 1.99 0.00	30.57 1.79 0.00	28.29 1.60 0.00

PGE MADISON___WINDPWR 24146	17.15 0.40 -5.45	17.79 0.45 -4.14	17.44 0.43 -3.60	17.65 0.39 -3.91	18.33 0.48 -3.32	21.85 0.64 -1.83	21.34 0.64 -2.92	24.05 0.99 -1.09	22.07 0.84 -2.21	21.29 0.65 -3.48	21.39 0.61 -3.70	18.96 0.48 -4.44	18.69 0.39 -4.25	20.86 0.44 -2.89	18.56 0.32 -4.26	18.44 0.25 -4.27	22.49 0.48 -2.11	25.04 0.53 -2.21	31.16 1.33 -0.91	41.59 2.46 -0.05	46.48 2.92 0.00	34.17 2.08 0.00	30.48 1.70 0.00	28.15 1.47 0.00
PIERCEFIELD___HYD 23852	10.83 -0.47 0.00	12.70 -0.50 0.00	12.92 -0.48 0.00	12.94 -0.41 0.00	14.11 -0.42 0.00	18.86 -0.52 0.00	17.10 -0.68 0.00	21.01 -0.97 0.00	18.06 -0.97 0.00	16.28 -0.88 0.00	16.27 -0.80 0.00	13.40 -0.63 0.00	13.37 -0.67 0.00	16.73 -0.81 0.00	13.32 -0.66 0.00	13.28 -0.64 0.00	19.01 -0.90 0.00	21.39 -0.91 0.00	28.05 -0.87 0.00	37.83 -1.25 0.00	42.12 -1.44 0.00	30.81 -1.28 0.00	27.66 -1.12 0.00	25.70 -0.99 0.00
PINELAWN_CC_1 323563	30.00 0.98 -17.71	27.70 1.04 -13.45	26.17 1.05 -11.72	26.95 0.88 -12.72	26.29 0.97 -10.78	26.52 1.18 -5.95	28.46 1.19 -9.49	27.22 1.71 -3.53	27.73 1.52 -7.19	29.68 1.22 -11.30	30.36 1.25 -12.04	29.56 1.08 -14.44	28.91 1.05 -13.81	28.25 1.32 -9.39	28.95 1.13 -13.84	29.02 1.20 -13.90	28.54 1.77 -6.86	35.44 2.03 -11.11	38.05 2.66 -6.47	43.61 3.59 -0.94	47.40 3.83 -0.01	37.10 2.79 -2.22	31.64 2.85 -0.01	29.06 2.37 0.00
PJM_GEN_HTP_PROXY 323702	29.76 0.75 -17.71	27.51 0.86 -13.45	25.98 0.86 -11.72	26.84 0.77 -12.71	26.14 0.83 -10.78	26.38 1.05 -5.95	28.30 1.03 -9.49	26.82 1.32 -3.53	27.45 1.24 -7.18	29.57 1.11 -11.30	30.17 1.06 -12.04	29.36 0.88 -14.44	28.75 0.90 -13.80	28.05 1.12 -9.39	28.71 0.90 -13.83	28.70 0.89 -13.89	28.07 1.31 -6.85	30.99 1.52 -7.17	33.90 2.02 -2.95	41.98 2.73 -0.17	46.48 2.92 0.00	34.24 2.15 0.00	30.74 1.96 0.00	28.45 1.76 0.00
PJM_GEN_KEystone 24065	22.25 0.05 -10.90	21.52 0.04 -8.28	20.63 0.01 -7.21	21.13 -0.05 -7.83	21.08 -0.09 -6.63	22.89 -0.16 -3.66	23.53 -0.09 -5.84	24.08 -0.07 -2.17	23.43 -0.02 -4.42	24.10 -0.02 -6.96	24.40 -0.08 -7.41	22.85 -0.07 -8.89	22.50 -0.04 -8.50	23.26 -0.05 -5.78	22.47 -0.03 -8.52	22.46 -0.01 -8.55	24.08 -0.04 -4.22	26.61 -0.11 -4.41	30.57 -0.17 -1.82	39.18 0.00 -0.10	43.60 0.04 0.00	32.28 0.19 0.00	28.93 0.14 0.00	26.85 0.16 0.00
PJM_GEN_NEPTUNE_PROXY 323594	29.87 0.85 -17.71	27.55 0.90 -13.45	26.02 0.90 -11.72	26.83 0.76 -12.72	26.14 0.83 -10.78	26.34 1.01 -5.95	28.30 1.03 -9.49	26.98 1.47 -3.53	27.54 1.33 -7.19	29.55 1.08 -11.30	30.22 1.11 -12.04	29.44 0.97 -14.44	28.81 0.96 -13.81	28.12 1.19 -9.39	28.83 1.01 -13.84	28.86 1.04 -13.90	28.28 1.51 -6.86	34.49 1.69 -10.49	37.04 2.20 -5.92	42.83 2.93 -0.82	46.70 3.14 -0.01	36.24 2.28 -1.88	31.27 2.48 -0.01	28.74 2.06 0.00
PJM_GEN_VFT_PROXY 323633	29.73 0.71 -17.71	27.47 0.82 -13.45	25.94 0.82 -11.72	26.79 0.72 -12.71	26.09 0.78 -10.78	26.32 0.99 -5.95	28.24 0.98 -9.49	26.75 1.25 -3.53	27.41 1.20 -7.18	29.54 1.08 -11.30	30.14 1.02 -12.04	29.33 0.86 -14.44	28.74 0.89 -13.80	28.02 1.09 -9.39	28.68 0.87 -13.84	28.67 0.86 -13.89	28.01 1.25 -6.85	30.94 1.47 -7.17	33.84 1.97 -2.95	41.86 2.62 -0.17	46.35 2.79 0.00	34.17 2.08 0.00	30.68 1.90 0.00	28.37 1.68 0.00
PLATSBURG_115KV_PMLD1 355749	10.90 -0.41 0.00	12.84 -0.36 0.00	13.15 -0.25 0.00	13.25 -0.11 0.00	14.48 -0.06 0.00	19.36 -0.02 0.00	17.67 -0.11 0.00	21.62 -0.35 0.00	18.51 -0.51 0.00	16.64 -0.51 0.00	16.63 -0.44 0.00	13.73 -0.31 0.00	13.71 -0.34 0.00	17.13 -0.40 0.00	13.67 -0.31 0.00	13.64 -0.28 0.00	19.56 -0.34 0.00	22.06 -0.25 0.00	28.78 -0.14 0.00	38.53 -0.55 0.00	42.77 -0.78 0.00	31.29 -0.80 0.00	28.21 -0.58 0.00	26.34 -0.35 0.00
PLEASANTVLY___LBMP 24000	30.36 0.60 -18.46	27.92 0.70 -14.02	26.31 0.70 -12.21	27.25 0.64 -13.25	26.46 0.70 -11.23	26.48 0.89 -6.20	28.54 0.87 -9.89	26.75 1.10 -3.68	27.54 1.03 -7.49	29.85 0.91 -11.78	30.51 0.89 -12.55	29.83 0.74 -15.05	29.19 0.76 -14.39	28.27 0.95 -9.79	29.16 0.76 -14.42	29.15 0.75 -14.48	28.14 1.09 -7.14	31.05 1.27 -7.47	33.73 1.74 -3.08	41.60 2.34 -0.18	46.08 2.53 0.00	33.95 1.86 0.00	30.45 1.67 0.00	28.21 1.52 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.83 0.69 -17.84	27.54 0.79 -13.55	26.00 0.79 -11.80	26.88 0.72 -12.81	26.17 0.78 -10.86	26.37 0.99 -5.99	28.30 0.96 -9.56	26.78 1.25 -3.56	27.40 1.14 -7.24	29.57 1.03 -11.38	30.19 0.99 -12.13	29.41 0.83 -14.54	28.79 0.84 -13.90	28.05 1.05 -9.46	28.77 0.85 -13.94	28.76 0.85 -13.99	28.04 1.23 -6.90	30.98 1.45 -7.22	33.86 1.97 -2.97	41.90 2.66 -0.17	46.39 2.83 0.00	34.18 2.09 0.00	30.65 1.87 0.00	28.37 1.68 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.83 0.69 -17.84	27.54 0.79 -13.55	26.00 0.79 -11.80	26.88 0.72 -12.81	26.17 0.78 -10.86	26.37 0.99 -5.99	28.30 0.96 -9.56	26.78 1.25 -3.56	27.40 1.14 -7.24	29.57 1.03 -11.38	30.19 0.99 -12.13	29.41 0.83 -14.54	28.79 0.84 -13.90	28.05 1.05 -9.46	28.77 0.85 -13.94	28.76 0.85 -13.99	28.04 1.23 -6.90	30.98 1.45 -7.22	33.86 1.97 -2.97	41.90 2.66 -0.17	46.39 2.83 0.00	34.18 2.09 0.00	30.65 1.87 0.00	28.37 1.68 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.94 0.66 -17.98	27.62 0.77 -13.65	26.06 0.76 -11.89	26.97 0.71 -12.90	26.24 0.77 -10.94	26.41 0.99 -6.04	28.37 0.96 -9.63	26.74 1.19 -3.58	27.38 1.07 -7.29	29.59 0.96 -11.47	30.23 0.94 -12.22	29.46 0.77 -14.65	28.84 0.79 -14.01	28.05 0.98 -9.53	28.81 0.78 -14.04	28.80 0.78 -14.10	27.97 1.11 -6.95	30.94 1.36 -7.28	33.83 1.91 -3.00	41.90 2.66 -0.17	46.43 2.87 0.00	34.18 2.09 0.00	30.65 1.87 0.00	28.40 1.71 0.00
POLETTI_____ 23519	29.77 0.76 -17.71	27.52 0.87 -13.45	25.99 0.87 -11.72	26.86 0.79 -12.71	26.15 0.84 -10.78	26.40 1.07 -5.95	28.30 1.03 -9.49	26.84 1.34 -3.53	27.45 1.24 -7.18	29.59 1.13 -11.30	30.17 1.06 -12.04	29.37 0.90 -14.44	28.76 0.91 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.71 0.90 -13.89	28.07 1.31 -6.85	30.99 1.52 -7.17	33.90 2.02 -2.95	41.90 2.66 -0.17	46.39 2.83 0.00	34.21 2.12 0.00	30.74 1.96 0.00	28.45 1.76 0.00
POMONA___ESR 323819	29.12 0.66 -17.16	27.00 0.77 -13.03	25.51 0.75 -11.35	26.37 0.69 -12.32	25.72 0.74 -10.44	26.08 0.93 -5.77	27.88 0.91 -9.19	26.56 1.16 -3.42	27.07 1.08 -6.96	29.09 0.98 -10.95	29.68 0.94 -11.66	28.81 0.79 -13.99	28.22 0.80 -13.37	27.64 1.00 -9.10	28.18 0.80 -13.41	28.17 0.79 -13.46	27.69 1.15 -6.64	30.61 1.36 -6.95	33.60 1.82 -2.86	41.74 2.50 -0.16	46.21 2.66 0.00	34.05 1.96 0.00	30.54 1.76 0.00	28.26 1.57 0.00
PORT_JEFF_3 23555	30.09 1.07 -17.71	27.78 1.12 -13.45	26.26 1.14 -11.72	27.02 0.95 -12.72	26.37 1.06 -10.78	26.59 1.26 -5.95	28.57 1.30 -9.49	27.39 1.89 -3.53	27.87 1.65 -7.19	29.75 1.29 -11.30	30.41 1.30 -12.04	29.61 1.14 -14.44	28.96 1.11 -13.81	28.32 1.39 -9.39	29.05 1.23 -13.84	29.13 1.31 -13.90	28.72 1.95 -6.86	35.30 2.25 -10.75	38.05 2.98 -6.15	44.01 4.06 -0.87	47.84 4.27 -0.01	37.16 3.05 -2.02	31.84 3.05 -0.01	29.30 2.62 0.00

PORT_JEFF_4 23616	30.09 1.07 -17.71	27.78 1.12 -13.45	26.26 1.14 -11.72	27.02 0.95 -12.72	26.37 1.06 -10.78	26.59 1.26 -5.95	28.57 1.30 -9.49	27.39 1.89 -3.53	27.87 1.65 -7.19	29.75 1.29 -11.30	30.41 1.30 -12.04	29.61 1.14 -14.44	28.96 1.11 -13.81	28.32 1.39 -9.39	29.05 1.23 -13.84	29.13 1.31 -13.90	28.72 1.95 -6.86	35.30 2.25 -10.75	38.05 2.98 -6.15	44.01 4.06 -0.87	47.84 4.27 -0.01	37.16 3.05 -2.02	31.84 3.05 -0.01	29.30 2.62 0.00
PORT_JEFF_IC 23713	30.10 1.09 -17.71	27.79 1.14 -13.45	26.28 1.15 -11.72	27.03 0.96 -12.72	26.37 1.06 -10.78	26.61 1.28 -5.95	28.58 1.32 -9.49	27.42 1.91 -3.53	27.89 1.67 -7.19	29.75 1.29 -11.30	30.43 1.31 -12.04	29.63 1.15 -14.44	28.96 1.11 -13.81	28.33 1.40 -9.39	29.05 1.23 -13.84	29.14 1.32 -13.90	28.73 1.97 -6.86	35.34 2.27 -10.76	38.09 3.01 -6.16	44.05 4.10 -0.87	47.88 4.31 -0.01	37.19 3.08 -2.02	31.87 3.08 -0.01	29.33 2.64 0.00
PPL_PILGRIM_ST_GT1 24216	30.09 1.07 -17.71	27.79 1.14 -13.45	26.28 1.15 -11.72	27.03 0.96 -12.72	26.39 1.08 -10.78	26.63 1.30 -5.95	28.58 1.32 -9.49	27.41 1.91 -3.53	27.89 1.67 -7.19	29.80 1.34 -11.30	30.46 1.35 -12.04	29.66 1.18 -14.44	29.01 1.15 -13.81	28.37 1.44 -9.39	29.07 1.24 -13.84	29.14 1.32 -13.90	28.74 1.97 -6.86	35.38 2.28 -10.80	38.13 3.01 -6.20	44.02 4.06 -0.88	47.84 4.27 -0.01	37.25 3.11 -2.05	31.90 3.11 -0.01	29.30 2.62 0.00
PPL_PILGRIM_ST_GT2 24217	30.09 1.07 -17.71	27.79 1.14 -13.45	26.28 1.15 -11.72	27.03 0.96 -12.72	26.39 1.08 -10.78	26.63 1.30 -5.95	28.58 1.32 -9.49	27.41 1.91 -3.53	27.89 1.67 -7.19	29.80 1.34 -11.30	30.46 1.35 -12.04	29.66 1.18 -14.44	29.01 1.15 -13.81	28.37 1.44 -9.39	29.07 1.24 -13.84	29.14 1.32 -13.90	28.74 1.97 -6.86	35.38 2.28 -10.80	38.13 3.01 -6.20	44.02 4.06 -0.88	47.84 4.27 -0.01	37.25 3.11 -2.05	31.90 3.11 -0.01	29.30 2.62 0.00
PPL_SHRM_GT3 24213	30.12 1.10 -17.71	27.79 1.14 -13.45	26.29 1.17 -11.72	27.02 0.95 -12.72	26.39 1.08 -10.78	26.61 1.28 -5.95	28.58 1.32 -9.49	27.44 1.93 -3.53	27.89 1.67 -7.19	29.66 1.20 -11.30	30.33 1.21 -12.04	29.53 1.05 -14.44	28.87 1.01 -13.81	28.21 1.28 -9.39	29.02 1.20 -13.84	29.13 1.31 -13.90	28.72 1.95 -6.86	35.33 2.28 -10.75	38.11 3.04 -6.15	44.13 4.18 -0.87	47.96 4.40 -0.01	37.12 3.02 -2.02	31.73 2.94 -0.01	29.38 2.69 0.00
PPL_SHRM_GT4 24214	30.12 1.10 -17.71	27.79 1.14 -13.45	26.29 1.17 -11.72	27.02 0.95 -12.72	26.39 1.08 -10.78	26.61 1.28 -5.95	28.58 1.32 -9.49	27.44 1.93 -3.53	27.89 1.67 -7.19	29.66 1.20 -11.30	30.33 1.21 -12.04	29.53 1.05 -14.44	28.87 1.01 -13.81	28.21 1.28 -9.39	29.02 1.20 -13.84	29.13 1.31 -13.90	28.72 1.95 -6.86	35.33 2.28 -10.75	38.11 3.04 -6.15	44.13 4.18 -0.87	47.96 4.40 -0.01	37.12 3.02 -2.02	31.73 2.94 -0.01	29.38 2.69 0.00
PROJECT___ORANGE 1 24174	12.82 -0.09 -1.61	14.30 -0.12 -1.22	14.34 -0.13 -1.06	14.35 -0.16 -1.16	15.34 -0.17 -0.98	19.69 -0.23 -0.54	18.46 -0.18 -0.86	22.10 -0.20 -0.32	19.53 -0.15 -0.65	18.05 -0.14 -1.03	18.05 -0.12 -1.09	15.24 -0.11 -1.31	15.19 -0.11 -1.25	18.23 -0.16 -0.85	15.11 -0.13 -1.26	15.04 -0.14 -1.26	20.31 -0.22 -0.62	22.64 -0.31 -0.65	28.67 -0.52 -0.27	38.47 -0.63 -0.02	42.95 -0.61 0.00	31.70 -0.39 0.00	28.38 -0.40 0.00	26.29 -0.40 0.00
PROJECT___ORANGE 2 24166	12.82 -0.09 -1.61	14.30 -0.12 -1.22	14.34 -0.13 -1.06	14.35 -0.16 -1.16	15.34 -0.17 -0.98	19.69 -0.23 -0.54	18.46 -0.18 -0.86	22.10 -0.20 -0.32	19.53 -0.15 -0.65	18.05 -0.14 -1.03	18.05 -0.12 -1.09	15.24 -0.11 -1.31	15.19 -0.11 -1.25	18.23 -0.16 -0.85	15.11 -0.13 -1.26	15.04 -0.14 -1.26	20.31 -0.22 -0.62	22.64 -0.31 -0.65	28.67 -0.52 -0.27	38.47 -0.63 -0.02	42.95 -0.61 0.00	31.70 -0.39 0.00	28.38 -0.40 0.00	26.29 -0.40 0.00
PUCKETT___SOLAR 323809	17.23 0.10 -5.83	17.73 0.11 -4.43	17.34 0.08 -3.85	17.61 0.07 -4.18	18.15 0.07 -3.55	21.44 0.10 -1.96	21.02 0.13 -3.12	23.33 0.20 -1.16	21.56 0.17 -2.36	21.00 0.12 -3.72	21.12 0.09 -3.96	18.83 0.04 -4.75	18.63 0.04 -4.54	20.64 0.02 -3.09	18.55 0.01 -4.55	18.48 -0.01 -4.57	22.16 0.00 -2.25	24.64 -0.02 -2.36	29.98 0.09 -0.97	39.68 0.55 -0.06	44.30 0.74 0.00	32.67 0.58 0.00	29.24 0.46 0.00	27.06 0.37 0.00
PYRITES___HYD 24023	11.04 -0.26 0.00	12.95 -0.25 0.00	13.18 -0.23 0.00	13.20 -0.16 0.00	14.39 -0.15 0.00	19.23 -0.16 0.00	17.46 -0.32 0.00	21.47 -0.51 0.00	18.42 -0.61 0.00	16.58 -0.58 0.00	16.55 -0.53 0.00	13.63 -0.41 0.00	13.58 -0.46 0.00	16.97 -0.56 0.00	13.51 -0.48 0.00	13.46 -0.46 0.00	19.33 -0.58 0.00	21.79 -0.51 0.00	28.69 -0.23 0.00	38.76 -0.31 0.00	43.21 -0.35 0.00	31.58 -0.51 0.00	28.32 -0.46 0.00	26.29 -0.40 0.00
QUAKERRD_115KV_BK1 80622	12.95 -0.46 -2.11	14.23 -0.57 -1.60	14.19 -0.60 -1.39	14.23 -0.64 -1.51	15.09 -0.73 -1.28	19.14 -0.95 -0.71	18.04 -0.87 -1.13	21.36 -1.03 -0.42	18.95 -0.93 -0.85	17.68 -0.82 -1.34	17.64 -0.87 -1.43	15.02 -0.73 -1.72	14.96 -0.73 -1.64	17.78 -0.88 -1.12	14.93 -0.70 -1.65	14.90 -0.67 -1.65	19.72 -1.00 -0.81	21.93 -1.23 -0.85	27.59 -1.68 -0.35	36.79 -2.31 -0.02	41.29 -2.26 0.00	30.52 -1.57 0.00	27.31 -1.47 0.00	25.35 -1.33 0.00
QUENSBRY_115KV_TB8 356137	34.17 0.70 -22.16	30.83 0.79 -16.83	28.89 0.82 -14.66	30.07 0.80 -15.91	28.91 0.89 -13.49	27.97 1.14 -7.45	30.72 1.07 -11.88	27.80 1.41 -4.42	29.25 1.24 -8.99	32.50 1.20 -14.14	33.40 1.26 -15.06	33.06 0.95 -18.07	32.25 0.93 -17.27	30.41 1.12 -11.76	32.23 0.94 -17.32	32.23 0.93 -17.38	29.73 1.25 -8.57	32.79 1.52 -8.97	34.81 2.20 -3.69	42.41 3.13 -0.21	47.04 3.48 0.00	34.62 2.54 0.00	30.91 2.13 0.00	28.58 1.89 0.00
RAMAPO___LBMP 323565	28.96 0.62 -17.04	26.85 0.71 -12.94	25.39 0.71 -11.27	26.24 0.65 -12.23	25.60 0.70 -10.37	25.98 0.87 -5.72	27.76 0.85 -9.13	26.47 1.10 -3.40	26.96 1.03 -6.91	28.96 0.93 -10.87	29.54 0.89 -11.58	28.67 0.74 -13.89	28.08 0.76 -13.28	27.52 0.95 -9.04	28.05 0.76 -13.31	28.03 0.75 -13.36	27.59 1.09 -6.59	30.47 1.27 -6.90	33.47 1.71 -2.84	41.54 2.31 -0.16	46.04 2.48 0.00	33.92 1.83 0.00	30.42 1.64 0.00	28.16 1.47 0.00
RANKINE____ 23646	13.57 -0.68 -2.95	14.61 -0.83 -2.24	14.48 -0.87 -1.95	14.50 -0.97 -2.11	15.16 -1.16 -1.79	18.88 -1.49 -0.99	18.04 -1.32 -1.58	20.93 -1.63 -0.59	18.78 -1.45 -1.19	17.72 -1.32 -1.88	17.61 -1.47 -2.00	15.23 -1.21 -2.40	15.22 -1.12 -2.30	17.68 -1.42 -1.56	15.23 -1.05 -2.30	15.23 -1.00 -2.31	19.61 -1.43 -1.14	21.65 -1.85 -1.19	26.95 -2.46 -0.49	36.13 -2.97 -0.03	40.64 -2.92 0.00	30.39 -1.70 0.00	27.20 -1.58 0.00	25.38 -1.31 0.00
RAVENSWOOD_GT2_1 24244	29.76 0.75 -17.71	27.52 0.87 -13.45	25.98 0.86 -11.72	26.84 0.77 -12.71	26.15 0.84 -10.78	26.38 1.05 -5.95	28.30 1.03 -9.49	26.84 1.34 -3.53	27.47 1.26 -7.18	29.59 1.13 -11.30	30.19 1.08 -12.04	29.37 0.90 -14.44	28.78 0.93 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.73 0.92 -13.89	28.09 1.33 -6.85	31.01 1.54 -7.17	33.95 2.08 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.77 1.99 0.00	28.48 1.79 0.00

RAVENSWOOD_GT2_2 24245	29.76 0.75 -17.71	27.52 0.87 -13.45	25.98 0.86 -11.72	26.84 0.77 -12.71	26.15 0.84 -10.78	26.38 1.05 -5.95	28.30 1.03 -9.49	26.84 1.34 -3.53	27.47 1.26 -7.18	29.59 1.13 -11.30	30.19 1.08 -12.04	29.37 0.90 -14.44	28.78 0.93 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.73 0.92 -13.89	28.09 1.33 -6.85	31.01 1.54 -7.17	33.95 2.08 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.77 1.99 0.00	28.48 1.79 0.00
RAVENSWOOD_GT2_3 24246	29.77 0.76 -17.71	27.52 0.87 -13.45	25.98 0.86 -11.72	26.84 0.77 -12.71	26.15 0.84 -10.78	26.40 1.07 -5.95	28.30 1.03 -9.49	26.84 1.34 -3.53	27.47 1.26 -7.18	29.59 1.13 -11.30	30.19 1.08 -12.04	29.39 0.91 -14.44	28.78 0.93 -13.80	28.09 1.16 -9.39	28.74 0.92 -13.84	28.73 0.92 -13.89	28.09 1.33 -6.85	31.03 1.56 -7.17	33.95 2.08 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.80 2.01 0.00	28.50 1.81 0.00
RAVENSWOOD_GT2_4 24247	29.77 0.76 -17.71	27.52 0.87 -13.45	25.98 0.86 -11.72	26.84 0.77 -12.71	26.15 0.84 -10.78	26.40 1.07 -5.95	28.30 1.03 -9.49	26.84 1.34 -3.53	27.47 1.26 -7.18	29.59 1.13 -11.30	30.19 1.08 -12.04	29.39 0.91 -14.44	28.78 0.93 -13.80	28.09 1.16 -9.39	28.74 0.92 -13.84	28.73 0.92 -13.89	28.09 1.33 -6.85	31.03 1.56 -7.17	33.95 2.08 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.80 2.01 0.00	28.50 1.81 0.00
RAVENSWOOD_GT3_1 24248	29.76 0.75 -17.71	27.52 0.87 -13.45	25.98 0.86 -11.72	26.84 0.77 -12.71	26.15 0.84 -10.78	26.40 1.07 -5.95	28.30 1.03 -9.49	26.84 1.34 -3.53	27.47 1.26 -7.18	29.59 1.13 -11.30	30.19 1.08 -12.04	29.37 0.90 -14.44	28.78 0.93 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.73 0.92 -13.89	28.09 1.33 -6.85	31.01 1.54 -7.17	33.95 2.08 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.77 1.99 0.00	28.48 1.79 0.00
RAVENSWOOD_GT3_2 24249	29.76 0.75 -17.71	27.52 0.87 -13.45	25.98 0.86 -11.72	26.84 0.77 -12.71	26.15 0.84 -10.78	26.40 1.07 -5.95	28.30 1.03 -9.49	26.84 1.34 -3.53	27.47 1.26 -7.18	29.59 1.13 -11.30	30.19 1.08 -12.04	29.37 0.90 -14.44	28.78 0.93 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.73 0.92 -13.89	28.09 1.33 -6.85	31.01 1.54 -7.17	33.95 2.08 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.77 1.99 0.00	28.48 1.79 0.00
RAVENSWOOD_GT3_3 24250	29.77 0.76 -17.71	27.54 0.88 -13.45	25.99 0.87 -11.72	26.86 0.79 -12.71	26.17 0.86 -10.78	26.40 1.07 -5.95	28.32 1.05 -9.49	26.87 1.36 -3.53	27.49 1.27 -7.18	29.61 1.15 -11.30	30.21 1.09 -12.04	29.39 0.91 -14.44	28.79 0.94 -13.80	28.09 1.16 -9.39	28.76 0.94 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.06 1.58 -7.17	33.98 2.11 -2.95	42.06 2.81 -0.17	46.56 3.01 0.00	34.30 2.21 0.00	30.80 2.01 0.00	28.50 1.81 0.00
RAVENSWOOD_GT3_4 24251	29.77 0.76 -17.71	27.54 0.88 -13.45	25.99 0.87 -11.72	26.86 0.79 -12.71	26.17 0.86 -10.78	26.40 1.07 -5.95	28.32 1.05 -9.49	26.87 1.36 -3.53	27.49 1.27 -7.18	29.61 1.15 -11.30	30.21 1.09 -12.04	29.39 0.91 -14.44	28.79 0.94 -13.80	28.09 1.16 -9.39	28.76 0.94 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.06 1.58 -7.17	33.98 2.11 -2.95	42.06 2.81 -0.17	46.56 3.01 0.00	34.30 2.21 0.00	30.80 2.01 0.00	28.50 1.81 0.00
RAVENSWOOD_GT_1 23729	29.79 0.77 -17.71	27.55 0.90 -13.45	26.01 0.88 -11.72	26.87 0.80 -12.72	26.17 0.86 -10.78	26.42 1.09 -5.95	28.33 1.07 -9.49	26.91 1.41 -3.53	27.52 1.31 -7.19	29.65 1.18 -11.30	30.22 1.11 -12.04	29.41 0.94 -14.44	28.82 0.97 -13.80	28.12 1.19 -9.39	28.77 0.95 -13.84	28.77 0.96 -13.89	28.13 1.37 -6.85	31.08 1.61 -7.17	34.01 2.14 -2.95	42.10 2.85 -0.17	46.61 3.05 0.00	34.34 2.25 0.00	30.86 2.07 0.00	28.58 1.89 0.00
RAVENSWOOD_GT_10 24258	29.76 0.75 -17.71	27.52 0.87 -13.45	25.98 0.86 -11.72	26.84 0.77 -12.71	26.15 0.84 -10.78	26.40 1.07 -5.95	28.30 1.03 -9.49	26.84 1.34 -3.53	27.47 1.26 -7.18	29.59 1.13 -11.30	30.19 1.08 -12.04	29.37 0.90 -14.44	28.78 0.93 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.73 0.92 -13.89	28.09 1.33 -6.85	31.01 1.54 -7.17	33.95 2.08 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.77 1.99 0.00	28.48 1.79 0.00
RAVENSWOOD_GT_11 24259	29.76 0.75 -17.71	27.52 0.87 -13.45	25.98 0.86 -11.72	26.84 0.77 -12.71	26.15 0.84 -10.78	26.40 1.07 -5.95	28.30 1.03 -9.49	26.84 1.34 -3.53	27.47 1.26 -7.18	29.59 1.13 -11.30	30.19 1.08 -12.04	29.37 0.90 -14.44	28.78 0.93 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.73 0.92 -13.89	28.09 1.33 -6.85	31.01 1.54 -7.17	33.95 2.08 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.77 1.99 0.00	28.48 1.79 0.00
RAVENSWOOD_GT_4 24252	29.76 0.75 -17.71	27.51 0.86 -13.45	25.98 0.86 -11.72	26.85 0.77 -12.72	26.15 0.84 -10.78	26.40 1.07 -5.95	28.30 1.03 -9.49	26.84 1.34 -3.53	27.45 1.24 -7.18	29.60 1.13 -11.30	30.19 1.08 -12.04	29.37 0.90 -14.44	28.76 0.91 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.72 0.90 -13.89	28.07 1.31 -6.85	31.01 1.54 -7.17	33.93 2.05 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.77 1.99 0.00	28.48 1.79 0.00
RAVENSWOOD_GT_5 24254	29.76 0.75 -17.71	27.51 0.86 -13.45	25.98 0.86 -11.72	26.85 0.77 -12.72	26.15 0.84 -10.78	26.40 1.07 -5.95	28.30 1.03 -9.49	26.84 1.34 -3.53	27.45 1.24 -7.18	29.60 1.13 -11.30	30.19 1.08 -12.04	29.37 0.90 -14.44	28.76 0.91 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.72 0.90 -13.89	28.07 1.31 -6.85	31.01 1.54 -7.17	33.93 2.05 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.77 1.99 0.00	28.48 1.79 0.00
RAVENSWOOD_GT_6 24253	29.76 0.75 -17.71	27.51 0.86 -13.45	25.98 0.86 -11.72	26.85 0.77 -12.72	26.15 0.84 -10.78	26.40 1.07 -5.95	28.30 1.03 -9.49	26.84 1.34 -3.53	27.45 1.24 -7.18	29.60 1.13 -11.30	30.19 1.08 -12.04	29.37 0.90 -14.44	28.76 0.91 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.72 0.90 -13.89	28.07 1.31 -6.85	31.01 1.54 -7.17	33.93 2.05 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.77 1.99 0.00	28.48 1.79 0.00
RAVENSWOOD_GT_7 24255	29.76 0.75 -17.71	27.51 0.86 -13.45	25.98 0.86 -11.72	26.85 0.77 -12.72	26.15 0.84 -10.78	26.40 1.07 -5.95	28.30 1.03 -9.49	26.84 1.34 -3.53	27.45 1.24 -7.18	29.60 1.13 -11.30	30.19 1.08 -12.04	29.37 0.90 -14.44	28.76 0.91 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.72 0.90 -13.89	28.07 1.31 -6.85	31.01 1.54 -7.17	33.93 2.05 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.77 1.99 0.00	28.48 1.79 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.76 0.75 -17.71	27.52 0.87 -13.45	25.98 0.86 -11.72	26.84 0.77 -12.71	26.15 0.84 -10.78	26.40 1.07 -5.95	28.30 1.03 -9.49	26.84 1.34 -3.53	27.47 1.26 -7.18	29.59 1.13 -11.30	30.19 1.08 -12.04	29.37 0.90 -14.44	28.78 0.93 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.73 0.92 -13.89	28.09 1.33 -6.85	31.01 1.54 -7.17	33.95 2.08 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.77 1.99 0.00	28.48 1.79 0.00

RAVENSWOOD_GT_9 24257	29.76 0.75 -17.71	27.52 0.87 -13.45	25.98 0.86 -11.72	26.84 0.77 -12.71	26.15 0.84 -10.78	26.40 1.07 -5.95	28.30 1.03 -9.49	26.84 1.34 -3.53	27.47 1.26 -7.18	29.59 1.13 -11.30	30.19 1.08 -12.04	29.37 0.90 -14.44	28.78 0.93 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.73 0.92 -13.89	28.09 1.33 -6.85	31.01 1.54 -7.17	33.95 2.08 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.77 1.99 0.00	28.48 1.79 0.00
RAVENSWOOD___1 23533	29.78 0.77 -17.71	27.54 0.88 -13.45	26.01 0.88 -11.72	26.86 0.79 -12.71	26.17 0.86 -10.78	26.40 1.07 -5.95	28.33 1.07 -9.49	26.89 1.39 -3.53	27.51 1.29 -7.18	29.63 1.17 -11.30	30.21 1.09 -12.04	29.40 0.93 -14.44	28.81 0.96 -13.80	28.12 1.19 -9.39	28.77 0.95 -13.84	28.76 0.95 -13.89	28.13 1.37 -6.85	31.08 1.61 -7.17	33.98 2.11 -2.95	42.10 2.85 -0.17	46.56 3.00 0.00	34.30 2.21 0.00	30.83 2.04 0.00	28.58 1.90 0.00
RAVENSWOOD___2 23534	29.77 0.76 -17.71	27.54 0.88 -13.45	25.99 0.87 -11.72	26.86 0.79 -12.71	26.17 0.86 -10.78	26.40 1.07 -5.95	28.32 1.05 -9.49	26.87 1.36 -3.53	27.51 1.29 -7.18	29.63 1.17 -11.30	30.21 1.09 -12.04	29.40 0.93 -14.44	28.81 0.96 -13.80	28.10 1.18 -9.39	28.76 0.94 -13.84	28.76 0.95 -13.89	28.11 1.35 -6.85	31.06 1.58 -7.17	33.98 2.11 -2.95	42.06 2.82 -0.17	46.56 3.00 0.00	34.30 2.21 0.00	30.83 2.04 0.00	28.56 1.87 0.00
RAVENSWOOD___3 23535	29.76 0.75 -17.71	27.52 0.87 -13.45	25.98 0.86 -11.72	26.84 0.77 -12.71	26.15 0.84 -10.78	26.40 1.07 -5.95	28.30 1.03 -9.49	26.84 1.34 -3.53	27.47 1.26 -7.18	29.59 1.13 -11.30	30.19 1.08 -12.04	29.37 0.90 -14.44	28.78 0.93 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.73 0.92 -13.89	28.09 1.33 -6.85	31.01 1.54 -7.17	33.96 2.08 -2.95	42.02 2.77 -0.17	46.52 2.96 0.00	34.27 2.18 0.00	30.77 1.98 0.00	28.48 1.79 0.00
RAVENSWOOD___4 23820	29.77 0.76 -17.71	27.53 0.88 -13.45	25.99 0.87 -11.72	26.86 0.79 -12.71	26.15 0.84 -10.78	26.40 1.07 -5.95	28.32 1.05 -9.49	26.87 1.36 -3.53	27.50 1.29 -7.18	29.61 1.15 -11.30	30.20 1.09 -12.04	29.40 0.93 -14.44	28.79 0.94 -13.80	28.10 1.18 -9.39	28.75 0.94 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.06 1.58 -7.17	33.98 2.11 -2.95	42.06 2.82 -0.17	46.56 3.00 0.00	34.30 2.21 0.00	30.79 2.01 0.00	28.55 1.87 0.00
RCPL_TRUST___DRP 24196	29.82 0.80 -17.71	27.57 0.92 -13.45	26.03 0.91 -11.72	26.90 0.83 -12.71	26.21 0.90 -10.78	26.48 1.14 -5.95	28.39 1.12 -9.49	26.93 1.43 -3.53	27.56 1.35 -7.18	29.68 1.22 -11.30	30.27 1.16 -12.04	29.44 0.97 -14.44	28.83 0.98 -13.80	28.16 1.23 -9.39	28.80 0.98 -13.83	28.78 0.97 -13.89	28.17 1.41 -6.85	31.12 1.65 -7.17	34.10 2.23 -2.95	42.21 2.97 -0.17	46.74 3.18 0.00	34.43 2.34 0.00	30.91 2.13 0.00	28.58 1.89 0.00
RED___ROCHESTER 323720	13.25 -0.23 -2.18	14.55 -0.30 -1.65	14.51 -0.33 -1.44	14.53 -0.39 -1.56	15.39 -0.47 -1.32	19.51 -0.60 -0.73	18.41 -0.53 -1.17	21.79 -0.62 -0.43	19.32 -0.59 -0.88	18.02 -0.53 -1.39	17.97 -0.58 -1.48	15.32 -0.49 -1.77	15.25 -0.49 -1.70	18.13 -0.56 -1.15	15.23 -0.45 -1.70	15.22 -0.40 -1.71	20.13 -0.62 -0.84	22.34 -0.85 -0.88	28.16 -1.13 -0.36	37.57 -1.52 -0.02	42.21 -1.35 0.00	31.19 -0.90 0.00	27.92 -0.86 0.00	25.91 -0.77 0.00
REGAN___SOLAR 323812	36.35 0.75 -24.30	32.51 0.86 -18.46	30.37 0.88 -16.08	31.67 0.87 -17.45	30.28 0.96 -14.79	28.77 1.22 -8.17	31.94 1.14 -13.02	28.24 1.43 -4.84	30.01 1.12 -9.86	33.68 1.01 -15.51	34.65 1.06 -16.52	34.65 0.80 -19.81	33.75 0.76 -18.94	31.34 0.91 -12.89	33.67 0.70 -18.99	33.65 0.67 -19.06	30.22 0.92 -9.40	33.32 1.18 -9.84	35.05 2.08 -4.05	42.59 3.28 -0.23	47.26 3.70 0.00	34.85 2.76 0.00	31.06 2.27 0.00	28.66 1.97 0.00
RENSSELAER___COGEN 23796	33.15 0.29 -21.55	29.90 0.33 -16.37	28.01 0.35 -14.26	29.16 0.33 -15.47	28.01 0.36 -13.11	27.13 0.50 -7.24	29.77 0.44 -11.55	26.86 0.59 -4.30	28.30 0.53 -8.74	31.39 0.48 -13.75	32.20 0.48 -14.65	31.98 0.38 -17.57	31.22 0.38 -16.79	29.44 0.47 -11.43	31.21 0.39 -16.84	31.21 0.39 -16.90	28.80 0.56 -8.34	31.70 0.67 -8.72	33.47 0.95 -3.59	40.53 1.25 -0.21	44.91 1.35 0.00	33.15 1.06 0.00	29.70 0.92 0.00	27.60 0.91 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.55 1.10 -22.15	31.28 1.25 -16.82	29.36 1.30 -14.65	30.53 1.27 -15.90	29.42 1.41 -13.48	28.63 1.80 -7.44	31.34 1.69 -11.87	28.59 2.20 -4.42	29.91 1.90 -8.99	33.13 1.84 -14.14	34.06 1.93 -15.06	33.54 1.45 -18.06	32.70 1.39 -17.26	30.97 1.68 -11.75	32.70 1.41 -17.31	32.70 1.41 -17.37	30.36 1.89 -8.57	33.55 2.27 -8.97	36.00 3.38 -3.69	44.17 4.88 -0.21	49.00 5.44 0.00	36.04 3.95 0.00	32.06 3.28 0.00	29.62 2.94 0.00
REVERE_CPWR_DRP 24186	12.45 0.21 -0.93	14.14 0.24 -0.70	14.24 0.23 -0.61	14.25 0.23 -0.66	15.37 0.28 -0.56	20.06 0.37 -0.31	18.61 0.34 -0.50	22.66 0.51 -0.18	19.82 0.42 -0.38	18.08 0.33 -0.59	18.03 0.32 -0.63	15.03 0.24 -0.75	14.98 0.21 -0.72	18.27 0.25 -0.49	14.89 0.18 -0.72	14.77 0.13 -0.73	20.50 0.24 -0.36	22.95 0.27 -0.37	29.71 0.64 -0.15	40.18 1.09 -0.01	44.82 1.26 0.00	32.96 0.87 0.00	29.44 0.66 0.00	27.25 0.56 0.00
REYNOLDS_115KV_TB3 80639	33.28 0.41 -21.57	30.04 0.46 -16.38	28.16 0.48 -14.27	29.29 0.45 -15.48	28.15 0.49 -13.12	27.33 0.70 -7.25	29.97 0.64 -11.56	27.09 0.81 -4.30	28.52 0.74 -8.75	31.59 0.67 -13.76	32.40 0.67 -14.66	32.15 0.53 -17.58	31.39 0.53 -16.81	29.64 0.67 -11.44	31.38 0.55 -16.85	31.38 0.54 -16.91	29.02 0.78 -8.34	31.95 0.91 -8.73	33.79 1.27 -3.59	40.96 1.68 -0.21	45.39 1.83 0.00	33.50 1.41 0.00	30.02 1.24 0.00	27.86 1.17 0.00
RIVERBAY____ 323610	29.77 0.76 -17.71	27.54 0.88 -13.45	26.01 0.88 -11.72	26.87 0.80 -12.71	26.17 0.86 -10.78	26.42 1.09 -5.95	28.33 1.07 -9.49	26.89 1.38 -3.53	27.50 1.29 -7.18	29.61 1.15 -11.30	30.17 1.06 -12.04	29.37 0.90 -14.44	28.78 0.93 -13.80	28.09 1.16 -9.39	28.74 0.92 -13.84	28.73 0.92 -13.89	28.07 1.31 -6.85	31.03 1.56 -7.17	33.95 2.08 -2.95	42.06 2.81 -0.17	46.56 3.01 0.00	34.27 2.18 0.00	30.80 2.01 0.00	28.56 1.87 0.00
RIVERSIDE_115KV_TB3 55908	33.27 0.35 -21.62	30.03 0.41 -16.42	28.12 0.42 -14.30	29.27 0.40 -15.52	28.12 0.44 -13.15	27.25 0.60 -7.26	29.89 0.53 -11.58	26.99 0.70 -4.31	28.44 0.65 -8.77	31.54 0.58 -13.79	32.35 0.58 -14.69	32.12 0.46 -17.62	31.36 0.46 -16.85	29.58 0.58 -11.46	31.35 0.48 -16.89	31.35 0.47 -16.95	28.94 0.68 -8.36	31.86 0.80 -8.75	33.65 1.13 -3.60	40.77 1.48 -0.21	45.17 1.61 0.00	33.34 1.25 0.00	29.88 1.09 0.00	27.73 1.04 0.00
ROARING___BROOK_WT_PWR 323790	10.93 -0.37 0.00	12.79 -0.41 0.00	13.00 -0.40 0.00	13.00 -0.36 0.00	14.14 -0.39 0.00	18.88 -0.50 0.00	17.30 -0.48 0.00	21.33 -0.64 0.00	18.44 -0.59 0.00	16.63 -0.53 0.00	16.56 -0.51 0.00	13.63 -0.41 0.00	13.63 -0.42 0.00	17.05 -0.49 0.00	13.60 -0.38 0.00	13.56 -0.36 0.00	19.43 -0.48 0.00	21.81 -0.49 0.00	28.37 -0.55 0.00	38.29 -0.78 0.00	42.60 -0.96 0.00	31.32 -0.77 0.00	28.09 -0.69 0.00	26.10 -0.59 0.00

ROCHESRG_115KV_T4 355643	13.15 -0.32 -2.16	14.43 -0.41 -1.64	14.40 -0.43 -1.43	14.42 -0.48 -1.55	15.27 -0.58 -1.31	19.35 -0.76 -0.73	18.26 -0.68 -1.16	21.61 -0.79 -0.43	19.18 -0.72 -0.88	17.89 -0.65 -1.38	17.82 -0.72 -1.47	15.19 -0.60 -1.76	15.15 -0.58 -1.68	17.98 -0.76 -1.14	15.12 -0.55 -1.69	15.10 -0.52 -1.69	19.98 -0.76 -0.84	22.17 -1.00 -0.87	27.89 -1.39 -0.36	37.14 -1.95 -0.02	41.73 -1.83 0.00	30.87 -1.22 0.00	27.63 -1.15 0.00	25.67 -1.01 0.00
ROCHESTER_9_IC 23652	13.21 -0.27 -2.17	14.50 -0.36 -1.65	14.47 -0.38 -1.44	14.49 -0.43 -1.56	15.33 -0.52 -1.32	19.44 -0.68 -0.73	18.34 -0.60 -1.17	21.70 -0.70 -0.43	19.26 -0.65 -0.88	17.96 -0.58 -1.39	17.90 -0.65 -1.48	15.28 -0.53 -1.77	15.21 -0.53 -1.70	18.06 -0.63 -1.15	15.19 -0.49 -1.70	15.17 -0.46 -1.71	20.05 -0.70 -0.84	22.27 -0.91 -0.88	28.01 -1.27 -0.36	37.34 -1.76 -0.02	41.99 -1.57 0.00	31.03 -1.06 0.00	27.80 -0.98 0.00	25.81 -0.88 0.00
ROCKVIEW_13_KV_LD 356306	29.75 0.73 -17.71	27.51 0.86 -13.45	25.97 0.84 -11.72	26.84 0.77 -12.71	26.14 0.83 -10.78	26.38 1.05 -5.95	28.28 1.01 -9.49	26.82 1.32 -3.53	27.43 1.22 -7.18	29.56 1.10 -11.30	30.17 1.06 -12.04	29.36 0.88 -14.44	28.75 0.90 -13.80	28.07 1.14 -9.39	28.73 0.91 -13.84	28.71 0.90 -13.89	28.07 1.31 -6.85	31.01 1.54 -7.17	33.95 2.08 -2.95	42.06 2.81 -0.17	46.61 3.05 0.00	34.34 2.25 0.00	30.80 2.01 0.00	28.48 1.79 0.00
ROME____115KV_TB2 80656	12.45 0.21 -0.93	14.14 0.24 -0.70	14.24 0.23 -0.61	14.25 0.23 -0.66	15.37 0.28 -0.56	20.06 0.37 -0.31	18.61 0.34 -0.50	22.66 0.51 -0.18	19.82 0.42 -0.38	18.08 0.33 -0.59	18.03 0.32 -0.63	15.03 0.24 -0.75	14.98 0.21 -0.72	18.27 0.25 -0.49	14.89 0.18 -0.72	14.77 0.13 -0.73	20.50 0.24 -0.36	22.95 0.27 -0.37	29.71 0.64 -0.15	40.18 1.09 -0.01	44.82 1.26 0.00	32.96 0.87 0.00	29.44 0.66 0.00	27.25 0.56 0.00
ROSETON___1 23587	29.59 0.58 -17.71	27.32 0.67 -13.45	25.79 0.67 -11.71	26.69 0.63 -12.71	25.98 0.67 -10.77	26.18 0.85 -5.95	28.10 0.84 -9.49	26.56 1.05 -3.53	27.18 0.97 -7.18	29.33 0.87 -11.30	29.96 0.85 -12.03	29.17 0.70 -14.43	28.56 0.72 -13.80	27.82 0.89 -9.39	28.53 0.71 -13.83	28.53 0.72 -13.88	27.79 1.03 -6.85	30.70 1.23 -7.17	33.52 1.65 -2.95	41.47 2.23 -0.17	45.95 2.39 0.00	33.85 1.76 0.00	30.39 1.61 0.00	28.13 1.44 0.00
ROSETON___2 23588	29.59 0.58 -17.71	27.32 0.67 -13.45	25.79 0.67 -11.71	26.69 0.63 -12.71	25.98 0.67 -10.77	26.18 0.85 -5.95	28.10 0.84 -9.49	26.56 1.05 -3.53	27.18 0.97 -7.18	29.33 0.87 -11.30	29.96 0.85 -12.03	29.17 0.70 -14.43	28.56 0.72 -13.80	27.82 0.89 -9.39	28.53 0.71 -13.83	28.53 0.72 -13.88	27.79 1.03 -6.85	30.70 1.23 -7.17	33.52 1.65 -2.95	41.47 2.23 -0.17	45.95 2.39 0.00	33.85 1.76 0.00	30.39 1.61 0.00	28.13 1.44 0.00
ROTRDAM_115KV_TB3 80664	34.09 0.41 -22.38	30.67 0.48 -16.99	28.69 0.48 -14.80	29.89 0.47 -16.06	28.66 0.51 -13.62	27.58 0.68 -7.52	30.39 0.62 -11.99	27.22 0.79 -4.46	28.79 0.68 -9.08	32.07 0.63 -14.28	32.92 0.63 -15.21	32.78 0.51 -18.24	31.99 0.51 -17.44	30.02 0.61 -11.87	31.97 0.50 -17.48	31.97 0.50 -17.55	29.26 0.70 -8.66	32.19 0.83 -9.06	33.84 1.19 -3.73	40.97 1.68 -0.21	45.43 1.87 0.00	33.47 1.38 0.00	29.99 1.21 0.00	27.78 1.09 0.00
RUSSELL___1 23602	13.25 -0.23 -2.18	14.55 -0.30 -1.65	14.51 -0.34 -1.44	14.54 -0.37 -1.56	15.39 -0.47 -1.32	19.51 -0.60 -0.73	18.41 -0.53 -1.17	21.79 -0.62 -0.43	19.32 -0.59 -0.88	18.02 -0.53 -1.39	17.97 -0.58 -1.48	15.32 -0.49 -1.77	15.25 -0.49 -1.70	18.13 -0.56 -1.15	15.23 -0.45 -1.70	15.22 -0.40 -1.71	20.13 -0.62 -0.84	22.34 -0.85 -0.88	28.16 -1.13 -0.36	37.53 -1.56 -0.02	42.21 -1.35 0.00	31.19 -0.90 0.00	27.92 -0.86 0.00	25.91 -0.77 0.00
RUSSELL___2 23532	13.25 -0.23 -2.18	14.55 -0.30 -1.65	14.51 -0.34 -1.44	14.54 -0.37 -1.56	15.39 -0.47 -1.32	19.51 -0.60 -0.73	18.41 -0.53 -1.17	21.79 -0.62 -0.43	19.32 -0.59 -0.88	18.02 -0.53 -1.39	17.97 -0.58 -1.48	15.32 -0.49 -1.77	15.25 -0.49 -1.70	18.13 -0.56 -1.15	15.23 -0.45 -1.70	15.22 -0.40 -1.71	20.13 -0.62 -0.84	22.34 -0.85 -0.88	28.16 -1.13 -0.36	37.53 -1.56 -0.02	42.21 -1.35 0.00	31.19 -0.90 0.00	27.92 -0.86 0.00	25.91 -0.77 0.00
RUSSELL___3 23549	13.25 -0.23 -2.18	14.55 -0.30 -1.65	14.51 -0.34 -1.44	14.54 -0.37 -1.56	15.39 -0.47 -1.32	19.51 -0.60 -0.73	18.41 -0.53 -1.17	21.79 -0.62 -0.43	19.32 -0.59 -0.88	18.02 -0.53 -1.39	17.97 -0.58 -1.48	15.32 -0.49 -1.77	15.25 -0.49 -1.70	18.13 -0.56 -1.15	15.23 -0.45 -1.70	15.22 -0.40 -1.71	20.13 -0.62 -0.84	22.34 -0.85 -0.88	28.16 -1.13 -0.36	37.53 -1.56 -0.02	42.21 -1.35 0.00	31.19 -0.90 0.00	27.92 -0.86 0.00	25.91 -0.77 0.00
RUSSELL___4 23556	13.25 -0.23 -2.18	14.55 -0.30 -1.65	14.51 -0.34 -1.44	14.54 -0.37 -1.56	15.39 -0.47 -1.32	19.51 -0.60 -0.73	18.41 -0.53 -1.17	21.79 -0.62 -0.43	19.32 -0.59 -0.88	18.02 -0.53 -1.39	17.97 -0.58 -1.48	15.32 -0.49 -1.77	15.25 -0.49 -1.70	18.13 -0.56 -1.15	15.23 -0.45 -1.70	15.22 -0.40 -1.71	20.13 -0.62 -0.84	22.34 -0.85 -0.88	28.16 -1.13 -0.36	37.53 -1.56 -0.02	42.21 -1.35 0.00	31.19 -0.90 0.00	27.92 -0.86 0.00	25.91 -0.77 0.00
RUSSELL__STATION 23914	13.25 -0.23 -2.18	14.55 -0.30 -1.65	14.51 -0.34 -1.44	14.54 -0.37 -1.56	15.39 -0.47 -1.32	19.51 -0.60 -0.73	18.41 -0.53 -1.17	21.79 -0.62 -0.43	19.32 -0.59 -0.88	18.02 -0.53 -1.39	17.97 -0.58 -1.48	15.32 -0.49 -1.77	15.25 -0.49 -1.70	18.13 -0.56 -1.15	15.23 -0.45 -1.70	15.22 -0.40 -1.71	20.13 -0.62 -0.84	22.34 -0.85 -0.88	28.16 -1.13 -0.36	37.53 -1.56 -0.02	42.21 -1.35 0.00	31.19 -0.90 0.00	27.92 -0.86 0.00	25.91 -0.77 0.00
S SALMON__HYD 24043	12.44 -0.17 -1.30	13.98 -0.21 -0.99	14.04 -0.23 -0.86	14.05 -0.24 -0.94	15.08 -0.25 -0.79	19.49 -0.33 -0.44	18.19 -0.29 -0.70	21.88 -0.35 -0.26	19.23 -0.32 -0.53	17.66 -0.33 -0.83	17.65 -0.31 -0.89	14.82 -0.28 -1.06	14.75 -0.31 -1.02	17.82 -0.40 -0.69	14.66 -0.34 -1.02	14.59 -0.35 -1.02	19.95 -0.46 -0.50	22.27 -0.56 -0.53	28.47 -0.66 -0.22	38.39 -0.70 -0.01	42.95 -0.61 0.00	31.58 -0.51 0.00	28.26 -0.52 0.00	26.13 -0.56 0.00
S.PERRY__115KV_TB1 80734	14.18 -0.19 -3.07	15.26 -0.28 -2.33	15.13 -0.31 -2.03	15.20 -0.36 -2.20	15.98 -0.42 -1.87	19.89 -0.52 -1.03	18.98 -0.44 -1.65	22.01 -0.57 -0.61	19.57 -0.70 -1.25	18.40 -0.72 -1.96	18.32 -0.84 -2.09	15.81 -0.73 -2.50	15.72 -0.72 -2.39	18.25 -0.91 -1.63	15.71 -0.67 -2.40	15.70 -0.63 -2.41	20.21 -0.88 -1.19	22.54 -1.00 -1.24	28.39 -1.04 -0.51	38.40 -0.70 -0.03	43.43 -0.13 0.00	32.06 -0.03 0.00	28.64 -0.14 0.00	26.55 -0.13 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	13.47 -0.66 -2.82	14.54 -0.81 -2.15	14.42 -0.86 -1.87	14.42 -0.96 -2.03	15.10 -1.15 -1.72	18.86 -1.47 -0.95	17.98 -1.32 -1.51	20.91 -1.63 -0.56	18.73 -1.45 -1.15	17.68 -1.29 -1.80	17.56 -1.43 -1.92	15.15 -1.19 -2.30	15.15 -1.10 -2.20	17.65 -1.39 -1.50	15.15 -1.03 -2.21	15.15 -0.99 -2.22	19.56 -1.43 -1.09	21.60 -1.85 -1.14	26.88 -2.52 -0.47	35.86 -3.24 -0.03	40.33 -3.22 0.00	30.13 -1.96 0.00	26.97 -1.81 0.00	25.19 -1.49 0.00

SAWYER___23_KV_LOAD 55526	13.47 -0.66 -2.82	14.54 -0.81 -2.15	14.42 -0.86 -1.87	14.42 -0.96 -2.03	15.10 -1.15 -1.72	18.86 -1.47 -0.95	17.98 -1.32 -1.51	20.91 -1.63 -0.56	18.73 -1.45 -1.15	17.68 -1.29 -1.80	17.56 -1.43 -1.92	15.15 -1.19 -2.30	15.15 -1.10 -2.20	17.65 -1.39 -1.50	15.15 -1.03 -2.21	15.15 -0.99 -2.22	19.56 -1.43 -1.09	21.60 -1.85 -1.14	26.88 -2.52 -0.47	35.86 -3.24 -0.03	40.33 -3.22 0.00	30.13 -1.96 0.00	26.97 -1.81 0.00	25.19 -1.49 0.00
SELKIRK___I 23801	32.92 0.33 -21.28	29.75 0.38 -16.16	27.89 0.40 -14.08	29.02 0.39 -15.28	27.91 0.42 -12.95	27.12 0.58 -7.15	29.68 0.50 -11.40	26.85 0.64 -4.24	28.21 0.55 -8.63	31.24 0.50 -13.58	32.04 0.50 -14.47	31.77 0.38 -17.35	31.02 0.38 -16.59	29.30 0.47 -11.29	31.00 0.39 -16.63	31.00 0.39 -16.69	28.69 0.56 -8.23	31.59 0.67 -8.62	33.45 0.98 -3.55	40.65 1.37 -0.20	45.08 1.52 0.00	33.28 1.19 0.00	29.82 1.03 0.00	27.68 0.99 0.00
SELKIRK___II 23799	33.09 0.31 -21.48	29.87 0.36 -16.32	27.98 0.36 -14.21	29.13 0.35 -15.42	27.98 0.38 -13.07	27.13 0.52 -7.22	29.75 0.46 -11.51	26.85 0.59 -4.28	28.27 0.53 -8.71	31.35 0.48 -13.71	32.15 0.48 -14.60	31.93 0.38 -17.51	31.17 0.38 -16.74	29.40 0.47 -11.39	31.16 0.39 -16.79	31.16 0.39 -16.85	28.77 0.56 -8.31	31.67 0.67 -8.70	33.45 0.95 -3.58	40.57 1.29 -0.20	44.95 1.39 0.00	33.18 1.09 0.00	29.73 0.95 0.00	27.60 0.91 0.00
SENECA OSWGO___HYD 24041	12.57 -0.16 -1.43	14.09 -0.20 -1.08	14.13 -0.21 -0.94	14.15 -0.23 -1.03	15.16 -0.25 -0.87	19.53 -0.33 -0.48	18.28 -0.27 -0.77	21.95 -0.31 -0.28	19.34 -0.27 -0.58	17.83 -0.24 -0.91	17.82 -0.22 -0.97	15.00 -0.20 -1.16	14.96 -0.20 -1.11	18.03 -0.26 -0.76	14.87 -0.22 -1.12	14.80 -0.24 -1.12	20.10 -0.36 -0.55	22.44 -0.45 -0.58	28.44 -0.72 -0.24	38.19 -0.90 -0.01	42.64 -0.92 0.00	31.45 -0.64 0.00	28.18 -0.61 0.00	26.10 -0.59 0.00
SENECA___115KV_TB3 355854	13.58 -0.67 -2.95	14.62 -0.82 -2.24	14.50 -0.86 -1.95	14.51 -0.96 -2.11	15.19 -1.13 -1.79	18.92 -1.45 -0.99	18.06 -1.30 -1.58	20.96 -1.60 -0.59	18.79 -1.43 -1.19	17.74 -1.30 -1.88	17.63 -1.45 -2.00	15.24 -1.19 -2.40	15.23 -1.11 -2.30	17.70 -1.40 -1.56	15.25 -1.03 -2.30	15.24 -0.99 -2.31	19.63 -1.41 -1.14	21.67 -1.83 -1.19	26.98 -2.43 -0.49	36.17 -2.93 -0.03	40.73 -2.83 0.00	30.42 -1.67 0.00	27.23 -1.55 0.00	25.43 -1.25 0.00
SENECA___ENERGY 23797	13.43 -0.17 -2.29	14.72 -0.22 -1.74	14.68 -0.24 -1.52	14.74 -0.27 -1.65	15.62 -0.31 -1.40	19.77 -0.39 -0.77	18.69 -0.32 -1.23	22.08 -0.35 -0.46	19.63 -0.32 -0.93	18.31 -0.31 -1.46	18.31 -0.32 -1.56	15.61 -0.30 -1.87	15.54 -0.30 -1.79	18.37 -0.39 -1.22	15.47 -0.31 -1.79	15.41 -0.31 -1.80	20.35 -0.44 -0.89	22.70 -0.54 -0.93	28.58 -0.72 -0.38	38.40 -0.70 -0.02	42.86 -0.70 0.00	31.71 -0.38 0.00	28.38 -0.40 0.00	26.26 -0.43 0.00
SHOEMAKER___GT 23640	27.98 0.49 -16.19	26.06 0.57 -12.30	24.68 0.56 -10.71	25.50 0.52 -11.62	24.95 0.57 -9.85	25.52 0.70 -5.44	27.13 0.68 -8.68	26.06 0.86 -3.23	26.37 0.78 -6.57	28.19 0.70 -10.33	28.76 0.68 -11.00	27.80 0.56 -13.20	27.23 0.56 -12.62	26.84 0.72 -8.59	27.20 0.57 -12.65	27.17 0.56 -12.70	26.98 0.82 -6.26	29.84 0.98 -6.55	32.98 1.36 -2.70	41.11 1.88 -0.15	45.60 2.05 0.00	33.60 1.51 0.00	30.13 1.35 0.00	27.92 1.23 0.00
SHOEMAKR_138KV_BK 111 55601	27.87 0.49 -16.08	25.98 0.57 -12.21	24.61 0.56 -10.64	25.42 0.52 -11.55	24.89 0.57 -9.79	25.48 0.70 -5.40	27.09 0.69 -8.62	26.06 0.88 -3.21	26.35 0.80 -6.52	28.14 0.72 -10.26	28.69 0.68 -10.93	27.72 0.58 -13.11	27.16 0.58 -12.53	26.78 0.72 -8.53	27.12 0.57 -12.56	27.10 0.57 -12.61	26.96 0.84 -6.22	29.82 1.00 -6.51	32.99 1.39 -2.68	41.14 1.91 -0.15	45.60 2.05 0.00	33.60 1.51 0.00	30.13 1.35 0.00	27.92 1.23 0.00
SHOREHAM_IC_1 23715	30.12 1.10 -17.71	27.79 1.14 -13.45	26.29 1.17 -11.72	27.02 0.95 -12.72	26.39 1.08 -10.78	26.61 1.28 -5.95	28.58 1.32 -9.49	27.44 1.93 -3.53	27.89 1.67 -7.19	29.66 1.20 -11.30	30.33 1.21 -12.04	29.53 1.05 -14.44	28.87 1.01 -13.81	28.21 1.28 -9.39	29.02 1.20 -13.84	29.13 1.31 -13.90	28.72 1.95 -6.86	35.33 2.28 -10.75	38.11 3.04 -6.15	44.13 4.18 -0.87	47.96 4.40 -0.01	37.12 3.02 -2.02	31.73 2.94 -0.01	29.38 2.69 0.00
SHOREHAM_IC_2 23716	30.12 1.10 -17.71	27.79 1.14 -13.45	26.29 1.17 -11.72	27.02 0.95 -12.72	26.39 1.08 -10.78	26.61 1.28 -5.95	28.58 1.32 -9.49	27.44 1.93 -3.53	27.89 1.67 -7.19	29.66 1.20 -11.30	30.33 1.21 -12.04	29.53 1.05 -14.44	28.87 1.01 -13.81	28.21 1.28 -9.39	29.02 1.20 -13.84	29.13 1.31 -13.90	28.72 1.95 -6.86	35.33 2.28 -10.75	38.11 3.04 -6.15	44.13 4.18 -0.87	47.96 4.40 -0.01	37.12 3.02 -2.02	31.73 2.94 -0.01	29.38 2.69 0.00
SISSONVILLE____ 23735	10.83 -0.47 0.00	12.70 -0.50 0.00	12.92 -0.48 0.00	12.94 -0.41 0.00	14.11 -0.42 0.00	18.86 -0.52 0.00	17.10 -0.68 0.00	21.01 -0.97 0.00	18.06 -0.97 0.00	16.28 -0.88 0.00	16.27 -0.80 0.00	13.40 -0.63 0.00	13.37 -0.67 0.00	16.73 -0.81 0.00	13.32 -0.66 0.00	13.28 -0.64 0.00	19.01 -0.90 0.00	21.39 -0.91 0.00	28.05 -0.87 0.00	37.83 -1.25 0.00	42.12 -1.44 0.00	30.81 -1.28 0.00	27.66 -1.12 0.00	25.70 -0.99 0.00
SITHE_IND_GS1 24169	12.13 -0.29 -1.12	13.69 -0.36 -0.85	13.78 -0.36 -0.74	13.78 -0.37 -0.80	14.81 -0.41 -0.68	19.22 -0.54 -0.38	17.88 -0.50 -0.60	21.60 -0.59 -0.22	18.97 -0.51 -0.45	17.41 -0.46 -0.71	17.37 -0.46 -0.76	14.55 -0.39 -0.91	14.53 -0.39 -0.87	17.64 -0.49 -0.59	14.46 -0.39 -0.87	14.41 -0.39 -0.88	19.78 -0.56 -0.43	22.06 -0.69 -0.45	28.01 -1.10 -0.19	37.56 -1.52 -0.01	41.90 -1.66 0.00	30.94 -1.15 0.00	27.75 -1.03 0.00	25.73 -0.96 0.00
SITHE_IND_GS2 24170	12.13 -0.29 -1.12	13.69 -0.36 -0.85	13.78 -0.36 -0.74	13.78 -0.37 -0.80	14.81 -0.41 -0.68	19.22 -0.54 -0.38	17.88 -0.50 -0.60	21.60 -0.59 -0.22	18.97 -0.51 -0.45	17.41 -0.46 -0.71	17.37 -0.46 -0.76	14.55 -0.39 -0.91	14.53 -0.39 -0.87	17.64 -0.49 -0.59	14.46 -0.39 -0.87	14.41 -0.39 -0.88	19.78 -0.56 -0.43	22.06 -0.69 -0.45	28.01 -1.10 -0.19	37.56 -1.52 -0.01	41.90 -1.66 0.00	30.94 -1.15 0.00	27.75 -1.03 0.00	25.73 -0.96 0.00
SITHE_IND_GS3 24171	12.13 -0.29 -1.12	13.69 -0.36 -0.85	13.78 -0.36 -0.74	13.78 -0.37 -0.80	14.81 -0.41 -0.68	19.22 -0.54 -0.38	17.88 -0.50 -0.60	21.60 -0.59 -0.22	18.97 -0.51 -0.45	17.41 -0.46 -0.71	17.37 -0.46 -0.76	14.55 -0.39 -0.91	14.53 -0.39 -0.87	17.64 -0.49 -0.59	14.46 -0.39 -0.87	14.41 -0.39 -0.88	19.78 -0.56 -0.43	22.06 -0.69 -0.45	28.01 -1.10 -0.19	37.56 -1.52 -0.01	41.90 -1.66 0.00	30.94 -1.15 0.00	27.75 -1.03 0.00	25.73 -0.96 0.00
SITHE_IND_GS4 24172	12.13 -0.29 -1.12	13.69 -0.36 -0.85	13.78 -0.36 -0.74	13.78 -0.37 -0.80	14.81 -0.41 -0.68	19.22 -0.54 -0.38	17.88 -0.50 -0.60	21.60 -0.59 -0.22	18.97 -0.51 -0.45	17.41 -0.46 -0.71	17.37 -0.46 -0.76	14.55 -0.39 -0.91	14.53 -0.39 -0.87	17.64 -0.49 -0.59	14.46 -0.39 -0.87	14.41 -0.39 -0.88	19.78 -0.56 -0.43	22.06 -0.69 -0.45	28.01 -1.10 -0.19	37.56 -1.52 -0.01	41.90 -1.66 0.00	30.94 -1.15 0.00	27.75 -1.03 0.00	25.73 -0.96 0.00

SITHE___BATAVIA 24024	13.42 -0.40 -2.51	14.61 -0.50 -1.91	14.53 -0.54 -1.66	14.54 -0.61 -1.80	15.31 -0.76 -1.53	19.26 -0.97 -0.84	18.25 -0.87 -1.34	21.42 -1.05 -0.50	19.04 -1.01 -1.02	17.80 -0.96 -1.60	17.71 -1.08 -1.71	15.17 -0.91 -2.05	15.10 -0.90 -1.96	17.78 -1.09 -1.33	15.12 -0.82 -1.96	15.12 -0.77 -1.97	19.80 -1.08 -0.97	21.92 -1.40 -1.02	27.55 -1.79 -0.42	36.87 -2.23 -0.02	41.60 -1.96 0.00	30.87 -1.22 0.00	27.60 -1.18 0.00	25.65 -1.04 0.00
SITHE___INDEPEND 23800	12.13 -0.29 -1.12	13.69 -0.36 -0.85	13.78 -0.36 -0.74	13.78 -0.37 -0.80	14.81 -0.41 -0.68	19.22 -0.54 -0.38	17.88 -0.50 -0.60	21.60 -0.59 -0.22	18.97 -0.51 -0.45	17.41 -0.46 -0.71	17.37 -0.46 -0.76	14.55 -0.39 -0.91	14.53 -0.39 -0.87	17.64 -0.49 -0.59	14.46 -0.39 -0.87	14.41 -0.39 -0.88	19.78 -0.56 -0.43	22.07 -0.69 -0.45	28.01 -1.10 -0.19	37.56 -1.52 -0.01	41.94 -1.61 0.00	30.93 -1.16 0.00	27.75 -1.04 0.00	25.73 -0.96 0.00
SITHE___MASSENA 23902	11.08 -0.23 0.00	12.99 -0.21 0.00	13.22 -0.19 0.00	13.22 -0.13 0.00	14.39 -0.15 0.00	19.23 -0.16 0.00	17.55 -0.23 0.00	21.60 -0.37 0.00	18.59 -0.44 0.00	16.78 -0.38 0.00	16.77 -0.31 0.00	13.80 -0.24 0.00	13.80 -0.25 0.00	17.25 -0.28 0.00	13.74 -0.24 0.00	13.71 -0.21 0.00	19.60 -0.30 0.00	22.04 -0.27 0.00	28.75 -0.17 0.00	38.69 -0.39 0.00	43.12 -0.44 0.00	31.61 -0.48 0.00	28.38 -0.40 0.00	26.39 -0.29 0.00
SITHE___OGDNSBRG 24021	11.10 -0.20 0.00	13.02 -0.18 0.00	13.24 -0.16 0.00	13.25 -0.11 0.00	14.45 -0.09 0.00	19.31 -0.08 0.00	17.58 -0.20 0.00	21.60 -0.37 0.00	18.53 -0.49 0.00	16.68 -0.48 0.00	16.65 -0.43 0.00	13.71 -0.32 0.00	13.67 -0.38 0.00	17.08 -0.46 0.00	13.60 -0.38 0.00	13.57 -0.35 0.00	19.47 -0.44 0.00	21.92 -0.38 0.00	28.83 -0.09 0.00	39.00 -0.08 0.00	43.43 -0.13 0.00	31.74 -0.35 0.00	28.49 -0.29 0.00	26.45 -0.24 0.00
SITHE___STERLING 23777	12.56 0.18 -1.07	14.21 0.20 -0.81	14.30 0.19 -0.71	14.30 0.17 -0.77	15.40 0.22 -0.65	20.03 0.29 -0.36	18.64 0.28 -0.57	22.60 0.42 -0.21	19.80 0.34 -0.43	18.12 0.27 -0.68	18.08 0.27 -0.73	15.11 0.20 -0.87	15.07 0.18 -0.84	18.32 0.21 -0.57	14.97 0.15 -0.84	14.87 0.11 -0.84	20.52 0.20 -0.41	22.96 0.22 -0.43	29.56 0.46 -0.18	39.94 0.86 -0.01	44.56 1.00 0.00	32.79 0.71 0.00	29.33 0.55 0.00	27.14 0.45 0.00
SLEIGHT__34_KV_TB1 80719	13.18 -0.25 -2.12	14.49 -0.32 -1.61	14.47 -0.34 -1.40	14.50 -0.37 -1.52	15.39 -0.44 -1.29	19.53 -0.56 -0.71	18.43 -0.48 -1.14	21.85 -0.55 -0.42	19.39 -0.49 -0.86	18.07 -0.45 -1.35	18.06 -0.46 -1.44	15.37 -0.39 -1.73	15.29 -0.41 -1.65	18.17 -0.49 -1.12	15.23 -0.41 -1.66	15.19 -0.39 -1.66	20.13 -0.60 -0.82	22.40 -0.76 -0.86	28.23 -1.04 -0.35	37.77 -1.33 -0.02	42.38 -1.18 0.00	31.29 -0.80 0.00	27.98 -0.81 0.00	25.91 -0.77 0.00
SOUTH CAIRO___GT 23612	32.28 0.36 -20.62	29.29 0.44 -15.66	27.49 0.44 -13.64	28.58 0.43 -14.80	27.56 0.48 -12.55	26.93 0.62 -6.93	29.41 0.59 -11.05	26.79 0.70 -4.11	27.92 0.53 -8.36	30.80 0.48 -13.16	31.58 0.50 -14.01	31.18 0.34 -16.81	30.43 0.31 -16.07	28.86 0.39 -10.93	30.41 0.32 -16.11	30.40 0.31 -16.17	28.32 0.44 -7.98	31.34 0.69 -8.35	33.66 1.30 -3.44	41.73 2.46 -0.20	46.34 2.79 0.00	34.14 2.05 0.00	30.54 1.76 0.00	28.37 1.68 0.00
SOUTH HAMPTN___IC 23720	30.13 1.11 -17.71	27.80 1.15 -13.45	26.32 1.19 -11.72	27.03 0.96 -12.72	26.40 1.09 -10.78	26.63 1.30 -5.95	28.60 1.33 -9.49	27.46 1.95 -3.53	27.93 1.71 -7.19	29.72 1.25 -11.30	30.34 1.23 -12.04	29.54 1.07 -14.44	28.88 1.02 -13.81	28.21 1.28 -9.39	29.01 1.19 -13.84	29.12 1.29 -13.90	28.69 1.93 -6.86	35.32 2.28 -10.74	38.13 3.06 -6.14	44.16 4.22 -0.87	48.05 4.49 -0.01	37.19 3.08 -2.02	31.76 2.97 -0.01	29.38 2.69 0.00
SOUTHDOW_115KV_TB1 355954	14.11 -0.44 -3.25	15.14 -0.53 -2.46	14.99 -0.56 -2.15	15.02 -0.67 -2.33	15.71 -0.80 -1.97	19.45 -1.03 -1.09	18.63 -0.89 -1.74	21.50 -1.12 -0.65	19.30 -1.05 -1.32	18.15 -1.08 -2.07	18.02 -1.26 -2.21	15.61 -1.07 -2.65	15.57 -1.01 -2.53	17.96 -1.30 -1.72	15.55 -0.96 -2.54	15.52 -0.95 -2.54	19.82 -1.33 -1.26	21.83 -1.78 -1.31	27.21 -2.26 -0.54	36.92 -2.19 -0.03	41.60 -1.96 0.00	31.13 -0.96 0.00	27.80 -0.98 0.00	25.97 -0.72 0.00
SOUTHOLD_69_KV_BK 2 55809	30.12 1.10 -17.71	27.79 1.14 -13.45	26.29 1.17 -11.72	27.01 0.93 -12.72	26.36 1.05 -10.78	26.59 1.26 -5.95	28.57 1.30 -9.49	27.44 1.93 -3.53	27.89 1.67 -7.19	29.68 1.22 -11.30	30.26 1.14 -12.04	29.46 0.98 -14.44	28.78 0.93 -13.81	28.09 1.16 -9.39	28.91 1.09 -13.84	29.02 1.20 -13.90	28.58 1.81 -6.86	35.23 2.19 -10.74	38.07 3.01 -6.14	44.08 4.14 -0.87	47.96 4.40 -0.01	37.12 3.02 -2.02	31.64 2.85 -0.01	29.33 2.64 0.00
SOUTHOLD___IC 23719	30.12 1.10 -17.71	27.79 1.14 -13.45	26.29 1.17 -11.72	27.01 0.93 -12.72	26.36 1.05 -10.78	26.59 1.26 -5.95	28.57 1.30 -9.49	27.44 1.93 -3.53	27.89 1.67 -7.19	29.68 1.22 -11.30	30.26 1.14 -12.04	29.46 0.98 -14.44	28.78 0.93 -13.81	28.09 1.16 -9.39	28.91 1.09 -13.84	29.02 1.20 -13.90	28.58 1.81 -6.86	35.23 2.19 -10.74	38.07 3.01 -6.14	44.08 4.14 -0.87	47.96 4.40 -0.01	37.12 3.02 -2.02	31.64 2.85 -0.01	29.33 2.64 0.00
SOUTH_FORK_WT_PWR 323839	30.01 1.00 -17.71	27.67 1.02 -13.45	26.17 1.05 -11.72	26.89 0.81 -12.72	26.23 0.92 -10.78	26.42 1.08 -5.95	28.41 1.14 -9.49	27.22 1.71 -3.53	27.71 1.50 -7.19	29.53 1.06 -11.30	30.04 0.92 -12.04	29.28 0.80 -14.44	28.60 0.74 -13.81	27.86 0.93 -9.39	28.72 0.90 -13.84	28.84 1.02 -13.90	28.32 1.55 -6.86	34.94 1.89 -10.74	37.72 2.66 -6.14	43.61 3.67 -0.87	47.40 3.83 -0.01	36.70 2.60 -2.02	31.27 2.48 -0.01	29.04 2.35 0.00
SPIERFLS_115KV_TB 1 80737	34.12 0.64 -22.17	30.78 0.74 -16.84	28.84 0.76 -14.67	30.01 0.73 -15.92	28.84 0.81 -13.49	27.90 1.07 -7.45	30.65 1.00 -11.88	27.69 1.30 -4.42	29.18 1.16 -8.99	32.41 1.10 -14.15	33.32 1.18 -15.07	33.00 0.88 -18.08	32.19 0.86 -17.28	30.33 1.03 -11.76	32.17 0.87 -17.32	32.17 0.86 -17.39	29.64 1.15 -8.58	32.69 1.41 -8.98	34.64 2.02 -3.70	42.18 2.89 -0.21	46.78 3.22 0.00	34.43 2.34 0.00	30.74 1.96 0.00	28.42 1.73 0.00
ST LAWRENCE____ 23600	11.00 -0.30 0.00	12.88 -0.32 0.00	13.12 -0.28 0.00	13.12 -0.24 0.00	14.29 -0.25 0.00	19.07 -0.31 0.00	17.44 -0.34 0.00	21.49 -0.48 0.00	18.53 -0.49 0.00	16.71 -0.45 0.00	16.66 -0.41 0.00	13.73 -0.31 0.00	13.73 -0.32 0.00	17.15 -0.39 0.00	13.67 -0.31 0.00	13.63 -0.29 0.00	19.48 -0.42 0.00	21.90 -0.40 0.00	28.49 -0.43 0.00	38.37 -0.70 0.00	42.73 -0.83 0.00	31.35 -0.74 0.00	28.18 -0.61 0.00	26.18 -0.51 0.00
STATE_CA_115KV_115_LB 55624	33.37 0.33 -21.74	30.09 0.38 -16.51	28.18 0.39 -14.38	29.34 0.37 -15.61	28.17 0.41 -13.23	27.25 0.56 -7.30	29.92 0.50 -11.65	26.97 0.66 -4.33	28.45 0.61 -8.82	31.58 0.55 -13.87	32.41 0.56 -14.78	32.21 0.45 -17.72	31.44 0.45 -16.94	29.61 0.54 -11.53	31.41 0.45 -16.99	31.43 0.46 -17.05	28.95 0.64 -8.41	31.86 0.76 -8.80	33.61 1.07 -3.62	40.69 1.41 -0.21	45.08 1.52 0.00	33.28 1.19 0.00	29.82 1.04 0.00	27.70 1.01 0.00

STATE_ST_34_KV_LOAD 55959	13.52 -0.05 -2.26	14.85 -0.07 -1.72	14.82 -0.08 -1.50	14.86 -0.12 -1.62	15.79 -0.12 -1.38	19.99 -0.16 -0.76	18.90 -0.09 -1.21	22.36 -0.07 -0.45	19.89 -0.06 -0.92	18.55 -0.05 -1.44	18.58 -0.03 -1.54	15.82 -0.06 -1.84	15.74 -0.07 -1.76	18.63 -0.11 -1.20	15.65 -0.10 -1.77	15.60 -0.10 -1.77	20.62 -0.16 -0.88	23.02 -0.20 -0.92	28.98 -0.32 -0.38	38.90 -0.20 -0.02	43.47 -0.09 0.00	32.06 -0.03 0.00	28.67 -0.12 0.00	26.50 -0.19 0.00
STATION 5_MISC_HYD 23604	13.21 -0.27 -2.17	14.51 -0.34 -1.65	14.47 -0.38 -1.44	14.49 -0.43 -1.56	15.33 -0.52 -1.32	19.43 -0.68 -0.73	18.34 -0.60 -1.17	21.70 -0.70 -0.43	19.26 -0.65 -0.88	17.96 -0.58 -1.39	17.90 -0.65 -1.48	15.28 -0.53 -1.77	15.21 -0.53 -1.70	18.06 -0.63 -1.15	15.19 -0.49 -1.70	15.17 -0.46 -1.71	20.05 -0.70 -0.84	22.27 -0.92 -0.88	28.01 -1.27 -0.36	37.38 -1.72 -0.02	41.99 -1.57 0.00	31.03 -1.06 0.00	27.80 -0.98 0.00	25.81 -0.88 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	13.30 -0.21 -2.21	14.60 -0.28 -1.68	14.56 -0.31 -1.46	14.59 -0.35 -1.58	15.47 -0.41 -1.34	19.60 -0.52 -0.74	18.52 -0.44 -1.18	21.91 -0.51 -0.44	19.45 -0.48 -0.90	18.12 -0.45 -1.41	18.10 -0.48 -1.50	15.43 -0.41 -1.80	15.35 -0.42 -1.72	18.22 -0.49 -1.17	15.30 -0.41 -1.72	15.28 -0.38 -1.73	20.18 -0.58 -0.85	22.46 -0.74 -0.89	28.31 -0.98 -0.37	37.89 -1.21 -0.02	42.55 -1.00 0.00	31.38 -0.71 0.00	28.09 -0.69 0.00	26.02 -0.67 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	13.14 -0.32 -2.16	14.43 -0.41 -1.64	14.40 -0.43 -1.43	14.42 -0.48 -1.55	15.28 -0.57 -1.31	19.37 -0.74 -0.72	18.28 -0.66 -1.16	21.63 -0.77 -0.43	19.20 -0.70 -0.87	17.90 -0.63 -1.38	17.86 -0.68 -1.47	15.22 -0.58 -1.76	15.15 -0.58 -1.68	18.00 -0.68 -1.14	15.14 -0.53 -1.68	15.11 -0.50 -1.69	19.98 -0.76 -0.83	22.20 -0.98 -0.87	27.92 -1.36 -0.36	37.22 -1.88 -0.02	41.86 -1.70 0.00	30.93 -1.16 0.00	27.69 -1.09 0.00	25.67 -1.01 0.00
STA_56___34_KV_BUS2 355983	13.14 -0.32 -2.16	14.43 -0.41 -1.64	14.40 -0.43 -1.43	14.42 -0.48 -1.55	15.28 -0.57 -1.31	19.37 -0.74 -0.72	18.28 -0.66 -1.16	21.63 -0.77 -0.43	19.20 -0.70 -0.87	17.90 -0.63 -1.38	17.86 -0.68 -1.47	15.22 -0.58 -1.76	15.15 -0.58 -1.68	18.00 -0.68 -1.14	15.14 -0.53 -1.68	15.11 -0.50 -1.69	19.98 -0.76 -0.83	22.20 -0.98 -0.87	27.92 -1.36 -0.36	37.22 -1.88 -0.02	41.86 -1.70 0.00	30.93 -1.16 0.00	27.69 -1.09 0.00	25.67 -1.01 0.00
STA_67___115KV_BK2 355882	13.18 -0.29 -2.17	14.48 -0.37 -1.65	14.44 -0.40 -1.44	14.46 -0.45 -1.56	15.30 -0.55 -1.32	19.42 -0.70 -0.73	18.32 -0.62 -1.16	21.68 -0.73 -0.43	19.22 -0.68 -0.88	17.95 -0.60 -1.39	17.89 -0.67 -1.48	15.25 -0.56 -1.77	15.19 -0.55 -1.69	18.02 -0.67 -1.15	15.16 -0.52 -1.70	15.14 -0.49 -1.70	20.03 -0.72 -0.84	22.22 -0.96 -0.88	27.98 -1.30 -0.36	37.26 -1.70 -0.02	41.86 -1.70 0.00	30.97 -1.12 0.00	27.72 -1.06 0.00	25.75 -0.93 0.00
STA_7___115KV_9TRANS 80674	13.25 -0.23 -2.18	14.55 -0.30 -1.65	14.51 -0.34 -1.44	14.54 -0.37 -1.56	15.39 -0.47 -1.32	19.51 -0.60 -0.73	18.41 -0.53 -1.17	21.79 -0.62 -0.43	19.32 -0.59 -0.88	18.02 -0.53 -1.39	17.97 -0.58 -1.48	15.32 -0.49 -1.77	15.25 -0.49 -1.70	18.13 -0.56 -1.15	15.23 -0.45 -1.70	15.22 -0.40 -1.71	20.13 -0.62 -0.84	22.34 -0.85 -0.88	28.16 -1.13 -0.36	37.53 -1.56 -0.02	42.21 -1.35 0.00	31.19 -0.90 0.00	27.92 -0.86 0.00	25.91 -0.77 0.00
STA_82___115KV_TB1 80780	13.20 -0.29 -2.19	14.49 -0.37 -1.66	14.45 -0.40 -1.45	14.47 -0.45 -1.57	15.33 -0.54 -1.33	19.42 -0.70 -0.73	18.33 -0.62 -1.17	21.68 -0.73 -0.44	19.23 -0.68 -0.89	17.95 -0.60 -1.39	17.89 -0.67 -1.49	15.26 -0.56 -1.78	15.20 -0.55 -1.70	18.03 -0.67 -1.16	15.17 -0.52 -1.71	15.16 -0.47 -1.71	20.03 -0.72 -0.85	22.23 -0.96 -0.88	27.98 -1.30 -0.36	37.26 -1.84 -0.02	41.90 -1.66 0.00	30.97 -1.12 0.00	27.75 -1.04 0.00	25.75 -0.93 0.00
STEEL___WIND 323596	13.57 -0.68 -2.95	14.61 -0.83 -2.24	14.48 -0.87 -1.95	14.50 -0.97 -2.11	15.16 -1.16 -1.79	18.88 -1.49 -0.99	18.04 -1.32 -1.58	20.93 -1.63 -0.59	18.77 -1.45 -1.19	17.72 -1.32 -1.88	17.61 -1.47 -2.00	15.23 -1.21 -2.40	15.22 -1.12 -2.30	17.68 -1.42 -1.56	15.23 -1.05 -2.30	15.23 -1.00 -2.31	19.61 -1.43 -1.14	21.65 -1.85 -1.19	26.95 -2.46 -0.49	36.17 -2.93 -0.03	40.68 -2.88 0.00	30.39 -1.70 0.00	27.20 -1.58 0.00	25.41 -1.28 0.00
STEPHTWN_115KV_BK_2 55603	33.24 0.38 -21.55	30.00 0.44 -16.37	28.12 0.46 -14.26	29.27 0.44 -15.47	28.13 0.48 -13.11	27.26 0.64 -7.24	29.91 0.59 -11.55	27.04 0.77 -4.30	28.47 0.70 -8.74	31.56 0.65 -13.75	32.39 0.67 -14.65	32.12 0.52 -17.57	31.36 0.52 -16.79	29.60 0.63 -11.43	31.33 0.52 -16.84	31.33 0.52 -16.90	28.96 0.72 -8.34	31.90 0.87 -8.72	33.76 1.24 -3.59	40.96 1.68 -0.21	45.39 1.83 0.00	33.50 1.41 0.00	29.99 1.21 0.00	27.84 1.15 0.00
STEUBEN_REC_LFGE 323667	14.40 -0.78 -3.87	15.18 -0.96 -2.94	14.97 -0.99 -2.56	15.08 -1.06 -2.78	15.71 -1.18 -2.36	19.13 -1.55 -1.30	18.52 -1.33 -2.07	21.07 -1.67 -0.77	19.04 -1.56 -1.57	18.19 -1.44 -2.47	18.19 -1.52 -2.63	15.93 -1.26 -3.16	15.86 -1.21 -3.02	18.10 -1.49 -2.05	15.86 -1.15 -3.02	15.87 -1.09 -3.04	19.89 -1.51 -1.50	22.22 -1.65 -1.57	27.66 -1.91 -0.64	37.51 -1.60 -0.04	42.25 -1.31 0.00	31.42 -0.67 0.00	28.09 -0.69 0.00	26.29 -0.40 0.00
STILLWATER___SOLAR 323814	33.98 0.60 -22.07	30.66 0.70 -16.76	28.72 0.71 -14.60	29.90 0.69 -15.85	28.72 0.76 -13.43	27.81 1.01 -7.42	30.53 0.92 -11.83	27.58 1.21 -4.40	29.05 1.06 -8.95	32.24 0.99 -14.09	33.10 1.02 -15.00	32.82 0.79 -17.99	32.02 0.77 -17.20	30.19 0.95 -11.71	32.01 0.78 -17.25	32.01 0.78 -17.31	29.52 1.07 -8.54	32.53 1.29 -8.94	34.42 1.82 -3.68	41.86 2.58 -0.21	46.43 2.87 0.00	34.17 2.08 0.00	30.60 1.81 0.00	28.32 1.63 0.00
STONY___BROOK 24151	30.10 1.09 -17.71	27.79 1.14 -13.45	26.28 1.15 -11.72	27.03 0.96 -12.72	26.39 1.08 -10.78	26.63 1.30 -5.95	28.58 1.32 -9.49	27.41 1.91 -3.53	27.89 1.67 -7.19	29.77 1.30 -11.30	30.45 1.33 -12.04	29.64 1.16 -14.44	28.98 1.12 -13.81	28.35 1.42 -9.39	29.07 1.24 -13.84	29.16 1.34 -13.90	28.75 1.99 -6.86	35.36 2.30 -10.76	38.12 3.04 -6.16	44.05 4.10 -0.87	47.92 4.36 -0.01	37.23 3.11 -2.03	31.90 3.11 -0.01	29.36 2.67 0.00
STURGEON_POOL_HYD 23609	29.96 0.52 -18.14	27.59 0.62 -13.77	26.02 0.62 -12.00	26.94 0.56 -13.02	26.18 0.61 -11.04	26.23 0.76 -6.09	28.24 0.75 -9.72	26.51 0.92 -3.62	27.22 0.84 -7.36	29.49 0.76 -11.57	30.14 0.73 -12.33	29.44 0.62 -14.78	28.80 0.62 -14.13	27.94 0.79 -9.62	28.78 0.63 -14.17	28.76 0.61 -14.22	27.81 0.90 -7.02	30.74 1.09 -7.34	33.48 1.53 -3.02	41.63 2.38 -0.17	46.13 2.57 0.00	33.95 1.86 0.00	30.48 1.70 0.00	28.24 1.55 0.00
ST_LAW_115_BK7_LBMP 345037	10.99 -0.32 0.00	12.87 -0.33 0.00	13.10 -0.31 0.00	13.10 -0.25 0.00	14.27 -0.26 0.00	19.05 -0.33 0.00	17.42 -0.36 0.00	21.44 -0.53 0.00	18.49 -0.53 0.00	16.68 -0.48 0.00	16.65 -0.43 0.00	13.70 -0.34 0.00	13.71 -0.34 0.00	17.13 -0.40 0.00	13.66 -0.32 0.00	13.61 -0.31 0.00	19.46 -0.44 0.00	21.88 -0.42 0.00	28.49 -0.43 0.00	38.33 -0.74 0.00	42.69 -0.87 0.00	31.32 -0.77 0.00	28.15 -0.63 0.00	26.15 -0.53 0.00

ST_LAW_115_BK8_LBMP 345038	10.99 -0.32 0.00	12.87 -0.33 0.00	13.10 -0.31 0.00	13.10 -0.25 0.00	14.27 -0.26 0.00	19.05 -0.33 0.00	17.42 -0.36 0.00	21.44 -0.53 0.00	18.49 -0.53 0.00	16.68 -0.48 0.00	16.65 -0.43 0.00	13.70 -0.34 0.00	13.71 -0.34 0.00	17.13 -0.40 0.00	13.66 -0.32 0.00	13.61 -0.31 0.00	19.46 -0.44 0.00	21.88 -0.42 0.00	28.49 -0.43 0.00	38.33 -0.74 0.00	42.69 -0.87 0.00	31.32 -0.77 0.00	28.15 -0.63 0.00	26.15 -0.53 0.00
ST_LAW_230_BK5_LBMP 345035	11.00 -0.30 0.00	12.88 -0.32 0.00	13.12 -0.28 0.00	13.12 -0.24 0.00	14.29 -0.25 0.00	19.07 -0.31 0.00	17.44 -0.34 0.00	21.49 -0.48 0.00	18.53 -0.49 0.00	16.71 -0.45 0.00	16.66 -0.41 0.00	13.73 -0.31 0.00	13.73 -0.32 0.00	17.15 -0.39 0.00	13.67 -0.31 0.00	13.63 -0.29 0.00	19.48 -0.42 0.00	21.90 -0.40 0.00	28.49 -0.43 0.00	38.37 -0.70 0.00	42.73 -0.83 0.00	31.35 -0.74 0.00	28.18 -0.61 0.00	26.18 -0.51 0.00
ST_LAW_230_BK6_LBMP 345036	11.00 -0.30 0.00	12.88 -0.32 0.00	13.12 -0.28 0.00	13.12 -0.24 0.00	14.29 -0.25 0.00	19.07 -0.31 0.00	17.44 -0.34 0.00	21.49 -0.48 0.00	18.53 -0.49 0.00	16.71 -0.45 0.00	16.66 -0.41 0.00	13.73 -0.31 0.00	13.73 -0.32 0.00	17.15 -0.39 0.00	13.67 -0.31 0.00	13.63 -0.29 0.00	19.48 -0.42 0.00	21.90 -0.40 0.00	28.49 -0.43 0.00	38.37 -0.70 0.00	42.73 -0.83 0.00	31.35 -0.74 0.00	28.18 -0.61 0.00	26.18 -0.51 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.41 0.55 -16.55	26.42 0.65 -12.57	25.00 0.64 -10.95	25.82 0.59 -11.88	25.24 0.64 -10.07	25.74 0.79 -5.56	27.43 0.78 -8.87	26.28 1.01 -3.30	26.65 0.91 -6.71	28.54 0.82 -10.56	29.12 0.80 -11.25	28.20 0.67 -13.49	27.62 0.67 -12.90	27.15 0.84 -8.78	27.58 0.67 -12.93	27.57 0.67 -12.98	27.28 0.98 -6.40	30.14 1.14 -6.70	33.24 1.56 -2.76	41.38 2.15 -0.16	45.86 2.31 0.00	33.79 1.70 0.00	30.31 1.53 0.00	28.05 1.36 0.00
SWANROAD_115KV_TB1 355699	13.19 -0.83 -2.71	14.25 -1.00 -2.05	14.14 -1.06 -1.79	14.15 -1.15 -1.94	14.81 -1.37 -1.65	18.53 -1.76 -0.91	17.66 -1.56 -1.45	20.58 -1.93 -0.54	18.39 -1.73 -1.10	17.32 -1.56 -1.73	17.19 -1.72 -1.84	14.81 -1.43 -2.21	14.81 -1.35 -2.11	17.27 -1.70 -1.44	14.81 -1.29 -2.11	14.82 -1.23 -2.12	19.22 -1.73 -1.05	21.21 -2.19 -1.10	26.39 -2.98 -0.45	35.08 -4.02 -0.03	39.46 -4.09 0.00	29.49 -2.60 0.00	26.42 -2.36 0.00	24.69 -2.00 0.00
SYNERGY___BIOGAS 323694	13.42 -0.40 -2.51	14.61 -0.50 -1.91	14.52 -0.55 -1.66	14.54 -0.61 -1.80	15.31 -0.76 -1.53	19.26 -0.97 -0.84	18.25 -0.87 -1.34	21.42 -1.05 -0.50	19.04 -1.01 -1.02	17.80 -0.96 -1.60	17.70 -1.08 -1.71	15.17 -0.91 -2.05	15.11 -0.90 -1.96	17.78 -1.09 -1.33	15.12 -0.82 -1.96	15.12 -0.77 -1.97	19.80 -1.07 -0.97	21.91 -1.41 -1.02	27.55 -1.79 -0.42	36.83 -2.27 -0.02	41.60 -1.96 0.00	30.87 -1.22 0.00	27.60 -1.18 0.00	25.65 -1.04 0.00
SYRACUSE___ENERGY_ST1 323597	13.07 -0.06 -1.82	14.50 -0.08 -1.38	14.51 -0.09 -1.20	14.54 -0.12 -1.31	15.52 -0.12 -1.11	19.84 -0.16 -0.61	18.63 -0.12 -0.97	22.23 -0.11 -0.36	19.69 -0.08 -0.74	18.25 -0.07 -1.16	18.26 -0.05 -1.24	15.45 -0.07 -1.48	15.41 -0.06 -1.42	18.41 -0.09 -0.96	15.30 -0.10 -1.42	15.25 -0.10 -1.43	20.45 -0.16 -0.70	22.82 -0.22 -0.74	28.79 -0.43 -0.30	38.62 -0.47 -0.02	43.12 -0.44 0.00	31.80 -0.29 0.00	28.49 -0.29 0.00	26.39 -0.29 0.00
SYRACUSE___ENERGY_ST2 323598	13.07 -0.06 -1.82	14.50 -0.08 -1.38	14.51 -0.09 -1.20	14.54 -0.12 -1.31	15.52 -0.12 -1.11	19.84 -0.16 -0.61	18.63 -0.12 -0.97	22.23 -0.11 -0.36	19.69 -0.08 -0.74	18.25 -0.07 -1.16	18.26 -0.05 -1.24	15.45 -0.07 -1.48	15.41 -0.06 -1.42	18.41 -0.09 -0.96	15.30 -0.10 -1.42	15.25 -0.10 -1.43	20.45 -0.16 -0.70	22.82 -0.22 -0.74	28.79 -0.43 -0.30	38.62 -0.47 -0.02	43.12 -0.44 0.00	31.80 -0.29 0.00	28.49 -0.29 0.00	26.39 -0.29 0.00
SYRACUSE___POWER 24017	13.13 -0.07 -1.90	14.54 -0.11 -1.44	14.55 -0.11 -1.25	14.58 -0.13 -1.36	15.54 -0.15 -1.15	19.83 -0.19 -0.64	18.65 -0.14 -1.02	22.22 -0.13 -0.38	19.68 -0.11 -0.77	18.27 -0.10 -1.21	18.28 -0.09 -1.29	15.48 -0.10 -1.55	15.44 -0.08 -1.48	18.42 -0.12 -1.01	15.35 -0.11 -1.48	15.30 -0.11 -1.49	20.46 -0.18 -0.73	22.83 -0.25 -0.77	28.80 -0.43 -0.32	38.62 -0.47 -0.02	43.12 -0.44 0.00	31.80 -0.29 0.00	28.49 -0.29 0.00	26.37 -0.32 0.00
TALLMAN___138KV_BK151 55660	28.98 0.64 -17.03	26.89 0.75 -12.94	25.42 0.75 -11.27	26.26 0.68 -12.23	25.64 0.74 -10.36	26.02 0.91 -5.72	27.79 0.89 -9.13	26.53 1.16 -3.40	27.00 1.07 -6.91	29.01 0.98 -10.87	29.59 0.94 -11.58	28.71 0.79 -13.89	28.12 0.80 -13.27	27.57 1.00 -9.03	28.09 0.80 -13.31	28.07 0.79 -13.36	27.63 1.13 -6.59	30.54 1.34 -6.90	33.55 1.79 -2.84	41.66 2.42 -0.16	46.17 2.61 0.00	34.02 1.93 0.00	30.51 1.73 0.00	28.24 1.55 0.00
TEALLAVE_115KV_TB7 355573	12.79 -0.10 -1.59	14.28 -0.13 -1.21	14.31 -0.15 -1.05	14.34 -0.16 -1.14	15.33 -0.17 -0.97	19.68 -0.23 -0.53	18.43 -0.20 -0.85	22.09 -0.20 -0.32	19.50 -0.17 -0.64	18.04 -0.14 -1.01	18.02 -0.14 -1.08	15.20 -0.13 -1.29	15.16 -0.13 -1.24	18.22 -0.16 -0.84	15.08 -0.14 -1.24	15.01 -0.15 -1.25	20.28 -0.24 -0.61	22.63 -0.31 -0.64	28.64 -0.55 -0.26	38.43 -0.66 -0.02	42.95 -0.61 0.00	31.67 -0.42 0.00	28.38 -0.40 0.00	26.26 -0.43 0.00
TELGRAPH_34_KV_EAST 80808	13.32 -0.58 -2.59	14.45 -0.71 -1.97	14.37 -0.75 -1.71	14.37 -0.84 -1.86	15.09 -1.02 -1.57	18.95 -1.30 -0.87	18.01 -1.16 -1.39	21.06 -1.43 -0.52	18.78 -1.29 -1.05	17.61 -1.20 -1.65	17.50 -1.33 -1.76	15.04 -1.11 -2.11	15.01 -1.05 -2.02	17.59 -1.32 -1.37	15.01 -0.99 -2.02	15.02 -0.93 -2.03	19.57 -1.33 -1.00	21.63 -1.72 -1.05	27.10 -2.26 -0.43	36.13 -2.97 -0.02	40.68 -2.87 0.00	30.29 -1.80 0.00	27.11 -1.67 0.00	25.27 -1.41 0.00
TEMPLE___115KV_TB 2 55572	12.82 -0.09 -1.61	14.30 -0.12 -1.22	14.34 -0.13 -1.06	14.35 -0.16 -1.16	15.34 -0.17 -0.98	19.69 -0.23 -0.54	18.46 -0.18 -0.86	22.10 -0.20 -0.32	19.53 -0.15 -0.65	18.05 -0.14 -1.03	18.05 -0.12 -1.09	15.24 -0.11 -1.31	15.19 -0.11 -1.25	18.23 -0.16 -0.85	15.11 -0.13 -1.26	15.04 -0.14 -1.26	20.31 -0.22 -0.62	22.64 -0.31 -0.65	28.67 -0.52 -0.27	38.47 -0.63 -0.02	42.95 -0.61 0.00	31.70 -0.39 0.00	28.38 -0.40 0.00	26.29 -0.40 0.00
TIANA____69_KV_BK 1 55817	30.14 1.12 -17.71	27.82 1.16 -13.45	26.32 1.19 -11.72	27.05 0.97 -12.72	26.42 1.10 -10.78	26.65 1.32 -5.95	28.62 1.35 -9.49	27.48 1.98 -3.53	27.94 1.73 -7.19	29.73 1.27 -11.30	30.38 1.26 -12.04	29.57 1.09 -14.44	28.91 1.05 -13.81	28.25 1.32 -9.39	29.04 1.22 -13.84	29.14 1.32 -13.90	28.73 1.97 -6.86	35.37 2.32 -10.74	38.19 3.12 -6.14	44.20 4.26 -0.87	48.10 4.53 -0.01	37.25 3.14 -2.02	31.81 3.02 -0.01	29.41 2.72 0.00
TILDEN___115KV_TB1 80814	13.13 -0.07 -1.90	14.54 -0.11 -1.44	14.55 -0.11 -1.25	14.58 -0.13 -1.36	15.54 -0.15 -1.15	19.83 -0.19 -0.64	18.65 -0.14 -1.02	22.22 -0.13 -0.38	19.68 -0.11 -0.77	18.27 -0.10 -1.21	18.28 -0.09 -1.29	15.48 -0.10 -1.55	15.44 -0.08 -1.48	18.42 -0.12 -1.01	15.35 -0.11 -1.48	15.30 -0.11 -1.49	20.46 -0.18 -0.73	22.83 -0.25 -0.77	28.80 -0.43 -0.32	38.62 -0.47 -0.02	43.12 -0.44 0.00	31.80 -0.29 0.00	28.49 -0.29 0.00	26.37 -0.32 0.00

TRIGEN___CC 323695	29.88 0.86 -17.71	27.59 0.94 -13.45	26.05 0.92 -11.72	26.87 0.80 -12.72	26.18 0.87 -10.78	26.40 1.07 -5.95	28.34 1.07 -9.49	27.02 1.52 -3.53	27.56 1.35 -7.19	29.60 1.13 -11.30	30.28 1.16 -12.04	29.47 1.00 -14.44	28.84 0.98 -13.81	28.18 1.25 -9.39	28.86 1.03 -13.84	28.89 1.06 -13.91	28.30 1.53 -6.87	37.51 1.72 -13.49	39.74 2.23 -8.59	43.45 2.97 -1.40	46.75 3.18 -0.02	38.03 2.37 -3.56	31.27 2.48 -0.02	28.80 2.11 0.00
TRINITY___115KV___4 BK 55933	33.20 0.31 -21.59	29.95 0.36 -16.40	28.06 0.38 -14.28	29.20 0.35 -15.50	28.06 0.39 -13.14	27.18 0.54 -7.25	29.83 0.48 -11.57	26.91 0.64 -4.30	28.35 0.57 -8.76	31.45 0.51 -13.78	32.28 0.53 -14.67	32.06 0.42 -17.60	31.29 0.42 -16.82	29.51 0.53 -11.45	31.27 0.42 -16.87	31.28 0.43 -16.93	28.85 0.60 -8.35	31.76 0.71 -8.74	33.53 1.01 -3.60	40.61 1.33 -0.21	44.99 1.44 0.00	33.21 1.12 0.00	29.76 0.98 0.00	27.65 0.96 0.00
UNION___PROCESSING_DRP 323587	13.21 -0.28 -2.19	14.49 -0.37 -1.66	14.45 -0.40 -1.45	14.49 -0.44 -1.57	15.33 -0.54 -1.33	19.42 -0.70 -0.73	18.33 -0.62 -1.17	21.68 -0.73 -0.44	19.23 -0.68 -0.89	17.95 -0.60 -1.40	17.90 -0.67 -1.49	15.26 -0.56 -1.78	15.21 -0.55 -1.70	18.03 -0.67 -1.16	15.17 -0.52 -1.71	15.16 -0.47 -1.72	20.03 -0.72 -0.85	22.25 -0.94 -0.89	27.98 -1.30 -0.36	37.30 -1.80 -0.02	41.90 -1.66 0.00	31.00 -1.09 0.00	27.75 -1.04 0.00	25.75 -0.93 0.00
UPPER HUDSON___HYD 24058	34.12 0.64 -22.17	30.78 0.74 -16.84	28.84 0.76 -14.67	30.01 0.73 -15.92	28.84 0.81 -13.49	27.90 1.07 -7.45	30.65 0.99 -11.88	27.69 1.30 -4.42	29.18 1.16 -8.99	32.41 1.10 -14.15	33.32 1.18 -15.07	33.00 0.88 -18.08	32.19 0.86 -17.28	30.31 1.02 -11.76	32.16 0.85 -17.32	32.17 0.86 -17.39	29.63 1.15 -8.58	32.69 1.41 -8.98	34.64 2.02 -3.70	42.22 2.93 -0.21	46.78 3.22 0.00	34.43 2.34 0.00	30.74 1.96 0.00	28.42 1.73 0.00
UPPER RAQUET___HYD 24056	10.83 -0.47 0.00	12.70 -0.50 0.00	12.92 -0.48 0.00	12.94 -0.41 0.00	14.11 -0.42 0.00	18.86 -0.52 0.00	17.10 -0.68 0.00	21.01 -0.97 0.00	18.06 -0.97 0.00	16.28 -0.87 0.00	16.27 -0.80 0.00	13.40 -0.63 0.00	13.37 -0.67 0.00	16.73 -0.81 0.00	13.32 -0.66 0.00	13.28 -0.64 0.00	19.01 -0.90 0.00	21.39 -0.92 0.00	28.05 -0.87 0.00	37.79 -1.29 0.00	42.12 -1.44 0.00	30.81 -1.28 0.00	27.66 -1.12 0.00	25.70 -0.99 0.00
VALLEY44_115KV_TB2 355964	13.91 -0.78 -3.39	14.84 -0.94 -2.57	14.68 -0.97 -2.24	14.73 -1.06 -2.43	15.39 -1.21 -2.06	18.91 -1.61 -1.14	18.15 -1.44 -1.81	20.91 -1.74 -0.68	18.88 -1.52 -1.37	17.91 -1.41 -2.16	17.84 -1.54 -2.30	15.52 -1.28 -2.76	15.48 -1.21 -2.64	17.79 -1.54 -1.80	15.45 -1.17 -2.65	15.44 -1.14 -2.66	19.54 -1.67 -1.31	21.58 -2.10 -1.37	26.71 -2.78 -0.56	36.57 -2.54 -0.03	41.03 -2.53 0.00	30.61 -1.48 0.00	27.40 -1.38 0.00	25.51 -1.17 0.00
VALLEY___115KV_TB 1-4 80826	11.28 -0.02 0.00	13.17 -0.03 0.00	13.38 -0.03 0.00	13.33 -0.03 0.00	14.51 -0.03 0.00	19.34 -0.04 0.00	17.71 -0.07 0.00	21.91 -0.07 0.00	18.97 -0.06 0.00	17.11 -0.05 0.00	17.04 -0.03 0.00	14.01 -0.03 0.00	14.01 -0.04 0.00	17.47 -0.07 0.00	13.93 -0.06 0.00	13.85 -0.07 0.00	19.82 -0.08 0.00	22.24 -0.07 0.00	28.95 0.03 0.00	39.19 0.12 0.00	43.73 0.17 0.00	32.22 0.13 0.00	28.93 0.14 0.00	26.79 0.11 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.39 0.53 -7.56	19.56 0.62 -5.74	19.02 0.62 -5.00	19.40 0.61 -5.43	19.83 0.70 -4.60	22.85 0.93 -2.54	22.68 0.85 -4.05	24.62 1.14 -1.51	23.14 1.05 -3.07	22.93 0.94 -4.82	23.13 0.92 -5.14	20.96 0.76 -6.16	20.66 0.72 -5.89	22.42 0.88 -4.01	20.57 0.69 -5.91	20.45 0.60 -5.93	23.70 0.88 -2.92	26.30 0.94 -3.06	31.66 1.47 -1.26	41.30 2.15 -0.07	46.00 2.44 0.00	33.82 1.73 0.00	30.28 1.50 0.00	28.02 1.33 0.00
VISCHER___FERRY HYD 24020	33.61 0.52 -21.78	30.35 0.61 -16.54	28.43 0.62 -14.41	29.58 0.59 -15.64	28.43 0.64 -13.25	27.59 0.89 -7.32	30.28 0.84 -11.67	27.37 1.05 -4.34	28.81 0.95 -8.83	31.93 0.87 -13.90	32.75 0.87 -14.80	32.49 0.70 -17.76	31.72 0.70 -16.97	29.95 0.86 -11.55	31.70 0.70 -17.02	31.70 0.70 -17.08	29.32 0.99 -8.43	32.28 1.16 -8.82	34.17 1.62 -3.63	41.51 2.23 -0.21	45.99 2.44 0.00	33.92 1.83 0.00	30.36 1.58 0.00	28.13 1.44 0.00
V_A_10_SYNC_DSASP 323832	13.24 -0.51 -2.44	14.42 -0.63 -1.85	14.35 -0.67 -1.61	14.36 -0.75 -1.75	15.12 -0.90 -1.48	19.02 -1.18 -0.82	18.05 -1.03 -1.31	21.21 -1.25 -0.49	18.89 -1.12 -0.99	17.74 -0.98 -1.56	17.62 -1.11 -1.66	15.10 -0.93 -1.99	15.09 -0.86 -1.90	17.74 -1.09 -1.29	15.08 -0.81 -1.91	15.07 -0.77 -1.91	19.71 -1.13 -0.94	21.82 -1.47 -0.99	27.27 -2.05 -0.41	36.17 -2.93 -0.02	40.55 -3.00 0.00	30.20 -1.89 0.00	27.06 -1.73 0.00	25.25 -1.44 0.00
V_CMM_10_SYNC_DSASP 323787	11.03 -0.27 0.00	12.92 -0.28 0.00	13.15 -0.26 0.00	13.16 -0.20 0.00	14.33 -0.20 0.00	19.13 -0.25 0.00	17.49 -0.29 0.00	21.51 -0.46 0.00	18.55 -0.47 0.00	16.75 -0.41 0.00	16.72 -0.36 0.00	13.76 -0.28 0.00	13.77 -0.28 0.00	17.20 -0.33 0.00	13.72 -0.27 0.00	13.67 -0.25 0.00	19.55 -0.36 0.00	21.95 -0.36 0.00	28.60 -0.32 0.00	38.49 -0.59 0.00	42.86 -0.70 0.00	31.45 -0.64 0.00	28.26 -0.52 0.00	26.26 -0.43 0.00
V_CMP_10_SYNC_DSASP 323788	10.90 -0.41 0.00	12.84 -0.36 0.00	13.15 -0.26 0.00	13.25 -0.11 0.00	14.48 -0.06 0.00	19.36 -0.02 0.00	17.67 -0.11 0.00	21.62 -0.35 0.00	18.51 -0.51 0.00	16.65 -0.51 0.00	16.63 -0.44 0.00	13.73 -0.31 0.00	13.71 -0.34 0.00	17.13 -0.40 0.00	13.67 -0.31 0.00	13.64 -0.28 0.00	19.56 -0.34 0.00	22.06 -0.24 0.00	28.78 -0.14 0.00	38.49 -0.59 0.00	42.77 -0.78 0.00	31.29 -0.80 0.00	28.21 -0.58 0.00	26.34 -0.35 0.00
V_D_10_SYNC_DSASP 323841	11.08 -0.23 0.00	12.99 -0.21 0.00	13.22 -0.19 0.00	13.22 -0.13 0.00	14.39 -0.15 0.00	19.23 -0.16 0.00	17.55 -0.23 0.00	21.60 -0.37 0.00	18.59 -0.44 0.00	16.78 -0.38 0.00	16.77 -0.31 0.00	13.81 -0.23 0.00	13.80 -0.25 0.00	17.25 -0.28 0.00	13.74 -0.24 0.00	13.71 -0.21 0.00	19.60 -0.30 0.00	22.04 -0.27 0.00	28.75 -0.17 0.00	38.69 -0.39 0.00	43.12 -0.44 0.00	31.61 -0.48 0.00	28.41 -0.37 0.00	26.39 -0.29 0.00
V_E_10_SYNC_DSASP 323830	17.15 0.40 -5.45	17.79 0.45 -4.14	17.44 0.43 -3.60	17.65 0.39 -3.91	18.33 0.48 -3.32	21.85 0.64 -1.83	21.34 0.64 -2.92	24.05 0.99 -1.09	22.07 0.84 -2.21	21.29 0.65 -3.48	21.39 0.61 -3.70	18.96 0.48 -4.44	18.69 0.39 -4.25	20.86 0.44 -2.89	18.56 0.32 -4.26	18.44 0.25 -4.27	22.49 0.48 -2.11	25.04 0.53 -2.21	31.16 1.33 -0.91	41.59 2.46 -0.05	46.48 2.92 0.00	34.17 2.08 0.00	30.48 1.70 0.00	28.15 1.47 0.00
V_F_30_NSYNC___DSASP 323816	34.03 0.61 -22.12	30.70 0.70 -16.80	28.76 0.72 -14.63	29.93 0.69 -15.88	28.76 0.77 -13.46	27.82 1.01 -7.43	30.57 0.94 -11.85	27.59 1.21 -4.41	29.06 1.06 -8.97	32.29 1.01 -14.12	33.15 1.04 -15.03	32.87 0.80 -18.03	32.07 0.79 -17.24	30.23 0.96 -11.73	32.06 0.80 -17.28	32.06 0.79 -17.35	29.55 1.09 -8.56	32.55 1.29 -8.95	34.46 1.85 -3.69	41.90 2.62 -0.21	46.43 2.87 0.00	34.21 2.12 0.00	30.60 1.81 0.00	28.32 1.63 0.00

V_F_30_SYNC_DSASP 323786	33.36 0.33 -21.73	30.09 0.38 -16.50	28.17 0.39 -14.37	29.33 0.37 -15.60	28.16 0.41 -13.22	27.25 0.56 -7.30	29.92 0.50 -11.64	26.96 0.66 -4.33	28.45 0.61 -8.81	31.57 0.55 -13.87	32.41 0.56 -14.77	32.20 0.45 -17.71	31.43 0.45 -16.93	29.60 0.54 -11.52	31.40 0.45 -16.98	31.42 0.46 -17.04	28.95 0.64 -8.41	31.86 0.76 -8.80	33.61 1.07 -3.62	40.69 1.41 -0.21	45.08 1.52 0.00	33.28 1.19 0.00	29.82 1.04 0.00	27.70 1.01 0.00
V_XM_10_SYNC_DSASP 323789	10.90 -0.41 0.00	12.84 -0.36 0.00	13.15 -0.26 0.00	13.25 -0.11 0.00	14.48 -0.06 0.00	19.36 -0.02 0.00	17.67 -0.11 0.00	21.62 -0.35 0.00	18.51 -0.51 0.00	16.65 -0.51 0.00	16.63 -0.44 0.00	13.73 -0.31 0.00	13.71 -0.34 0.00	17.13 -0.40 0.00	13.67 -0.31 0.00	13.64 -0.28 0.00	19.56 -0.34 0.00	22.06 -0.24 0.00	28.78 -0.14 0.00	38.49 -0.59 0.00	42.77 -0.78 0.00	31.29 -0.80 0.00	28.21 -0.58 0.00	26.34 -0.35 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.14 0.68 -17.16	27.03 0.79 -13.03	25.53 0.78 -11.35	26.40 0.72 -12.32	25.75 0.77 -10.44	26.12 0.97 -5.77	27.91 0.94 -9.20	26.60 1.21 -3.42	27.11 1.12 -6.96	29.12 1.01 -10.95	29.71 0.97 -11.66	28.84 0.81 -13.99	28.25 0.83 -13.37	27.67 1.03 -9.10	28.21 0.82 -13.41	28.20 0.82 -13.46	27.74 1.19 -6.64	30.63 1.38 -6.95	33.66 1.88 -2.86	41.82 2.58 -0.16	46.30 2.74 0.00	34.11 2.02 0.00	30.60 1.81 0.00	28.32 1.63 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.77 0.76 -17.71	27.52 0.87 -13.45	25.99 0.87 -11.72	26.86 0.79 -12.71	26.15 0.84 -10.78	26.40 1.07 -5.95	28.32 1.05 -9.49	26.87 1.36 -3.53	27.47 1.26 -7.18	29.61 1.15 -11.30	30.20 1.09 -12.04	29.38 0.91 -14.44	28.78 0.93 -13.80	28.09 1.16 -9.39	28.74 0.92 -13.83	28.73 0.92 -13.89	28.09 1.33 -6.85	31.03 1.56 -7.17	33.95 2.08 -2.95	42.06 2.81 -0.17	46.52 2.96 0.00	34.30 2.21 0.00	30.80 2.01 0.00	28.50 1.81 0.00
W50THST__13_KV_LOAD 356117	29.82 0.80 -17.71	27.57 0.92 -13.45	26.04 0.92 -11.72	26.91 0.84 -12.71	26.21 0.90 -10.78	26.48 1.14 -5.95	28.39 1.12 -9.49	26.95 1.45 -3.53	27.56 1.35 -7.18	29.70 1.24 -11.30	30.27 1.16 -12.04	29.44 0.97 -14.44	28.85 1.00 -13.80	28.16 1.23 -9.39	28.81 0.99 -13.83	28.80 0.99 -13.89	28.19 1.43 -6.85	31.14 1.67 -7.17	34.10 2.23 -2.95	42.25 3.01 -0.17	46.74 3.18 0.00	34.43 2.34 0.00	30.91 2.13 0.00	28.61 1.92 0.00
WADING RIVER_IC_1 23522	30.10 1.09 -17.71	27.78 1.12 -13.45	26.29 1.17 -11.72	27.02 0.95 -12.72	26.39 1.08 -10.78	26.59 1.26 -5.95	28.58 1.32 -9.49	27.41 1.91 -3.53	27.89 1.67 -7.19	29.65 1.18 -11.30	30.31 1.19 -12.04	29.53 1.05 -14.44	28.87 1.01 -13.81	28.19 1.26 -9.39	29.02 1.20 -13.84	29.13 1.31 -13.90	28.72 1.95 -6.86	35.32 2.28 -10.74	38.10 3.04 -6.14	44.08 4.14 -0.87	47.96 4.40 -0.01	37.09 2.98 -2.02	31.70 2.91 -0.01	29.36 2.67 0.00
WADING RIVER_IC_2 23547	30.10 1.09 -17.71	27.78 1.12 -13.45	26.29 1.17 -11.72	27.02 0.95 -12.72	26.39 1.08 -10.78	26.59 1.26 -5.95	28.58 1.32 -9.49	27.41 1.91 -3.53	27.89 1.67 -7.19	29.65 1.18 -11.30	30.31 1.19 -12.04	29.53 1.05 -14.44	28.87 1.01 -13.81	28.19 1.26 -9.39	29.02 1.20 -13.84	29.13 1.31 -13.90	28.72 1.95 -6.86	35.32 2.28 -10.74	38.10 3.04 -6.14	44.08 4.14 -0.87	47.96 4.40 -0.01	37.09 2.98 -2.02	31.70 2.91 -0.01	29.36 2.67 0.00
WADING RIVER_IC_3 23601	30.10 1.09 -17.71	27.78 1.12 -13.45	26.29 1.17 -11.72	27.02 0.95 -12.72	26.39 1.08 -10.78	26.59 1.26 -5.95	28.58 1.32 -9.49	27.41 1.91 -3.53	27.89 1.67 -7.19	29.65 1.18 -11.30	30.31 1.19 -12.04	29.53 1.05 -14.44	28.87 1.01 -13.81	28.19 1.26 -9.39	29.02 1.20 -13.84	29.13 1.31 -13.90	28.72 1.95 -6.86	35.32 2.28 -10.74	38.10 3.04 -6.14	44.08 4.14 -0.87	47.96 4.40 -0.01	37.09 2.98 -2.02	31.70 2.91 -0.01	29.36 2.67 0.00
WALDENNY_12_KV_BK2 80841	13.57 -0.66 -2.92	14.61 -0.81 -2.22	14.48 -0.86 -1.93	14.49 -0.96 -2.10	15.18 -1.13 -1.78	18.91 -1.45 -0.98	18.06 -1.28 -1.57	20.95 -1.60 -0.58	18.78 -1.43 -1.18	17.72 -1.30 -1.86	17.61 -1.45 -1.99	15.22 -1.19 -2.38	15.21 -1.11 -2.28	17.68 -1.40 -1.55	15.23 -1.03 -2.28	15.22 -0.99 -2.29	19.62 -1.41 -1.13	21.66 -1.83 -1.18	26.98 -2.43 -0.49	36.13 -2.97 -0.03	40.68 -2.87 0.00	30.39 -1.70 0.00	27.20 -1.58 0.00	25.41 -1.28 0.00
WALDEN__HYDRO 24148	29.06 0.60 -17.16	26.93 0.70 -13.03	25.45 0.70 -11.35	26.31 0.64 -12.32	25.66 0.68 -10.44	26.00 0.85 -5.76	27.81 0.84 -9.19	26.45 1.05 -3.42	26.96 0.97 -6.96	28.98 0.88 -10.95	29.57 0.84 -11.66	28.72 0.70 -13.99	28.12 0.70 -13.37	27.53 0.89 -9.10	28.09 0.70 -13.40	28.07 0.70 -13.45	27.55 1.02 -6.64	30.45 1.20 -6.95	33.49 1.71 -2.86	41.58 2.34 -0.16	46.08 2.53 0.00	33.95 1.86 0.00	30.45 1.67 0.00	28.18 1.49 0.00
WARRENSBURG____ 23737	34.12 0.64 -22.17	30.78 0.74 -16.84	28.84 0.76 -14.67	30.01 0.73 -15.92	28.84 0.81 -13.49	27.90 1.07 -7.45	30.65 1.00 -11.88	27.69 1.30 -4.42	29.18 1.16 -8.99	32.41 1.10 -14.15	33.32 1.18 -15.07	33.00 0.88 -18.08	32.19 0.86 -17.28	30.33 1.03 -11.76	32.17 0.87 -17.32	32.17 0.86 -17.39	29.64 1.15 -8.58	32.69 1.41 -8.98	34.64 2.02 -3.70	42.18 2.89 -0.21	46.78 3.22 0.00	34.43 2.34 0.00	30.74 1.96 0.00	28.42 1.73 0.00
WATERSIDE____6 8 9 23538	29.77 0.76 -17.71	27.53 0.88 -13.45	25.99 0.87 -11.72	26.86 0.79 -12.71	26.15 0.84 -10.78	26.40 1.07 -5.95	28.32 1.05 -9.49	26.89 1.38 -3.53	27.50 1.29 -7.18	29.61 1.15 -11.30	30.20 1.09 -12.04	29.40 0.93 -14.44	28.79 0.94 -13.80	28.10 1.17 -9.39	28.75 0.94 -13.84	28.74 0.93 -13.89	28.11 1.35 -6.85	31.06 1.58 -7.17	33.98 2.11 -2.95	42.06 2.81 -0.17	46.52 2.96 0.00	34.30 2.21 0.00	30.80 2.01 0.00	28.55 1.87 0.00
WATKINRD_115KV_LN8_ILLION 55919	11.33 0.02 0.00	13.23 0.03 0.00	13.43 0.03 0.00	13.38 0.03 0.00	14.56 0.03 0.00	19.42 0.04 0.00	17.80 0.02 0.00	22.02 0.04 0.00	19.06 0.04 0.00	17.19 0.03 0.00	17.11 0.03 0.00	14.06 0.03 0.00	14.06 0.01 0.00	17.55 0.02 0.00	14.00 0.01 0.00	13.92 0.00 0.00	19.92 0.02 0.00	22.33 0.02 0.00	29.07 0.14 0.00	39.31 0.23 0.00	43.82 0.26 0.00	32.28 0.19 0.00	28.98 0.20 0.00	26.85 0.16 0.00
WATSON__69_KV_BK 1 55734	30.16 1.14 -17.71	27.86 1.20 -13.45	26.34 1.22 -11.72	27.10 1.03 -12.72	26.45 1.13 -10.78	26.71 1.38 -5.95	28.67 1.40 -9.49	27.53 2.02 -3.53	27.96 1.75 -7.19	29.87 1.41 -11.30	30.55 1.43 -12.04	29.71 1.24 -14.44	29.06 1.21 -13.81	28.44 1.51 -9.39	29.12 1.30 -13.84	29.21 1.39 -13.90	28.83 2.07 -6.86	35.58 2.41 -10.86	38.35 3.18 -6.25	44.30 4.34 -0.89	48.18 4.62 -0.01	37.51 3.34 -2.08	32.07 3.28 -0.01	29.46 2.78 0.00
WDELAWARE__HYD 323627	27.99 0.53 -16.15	26.09 0.62 -12.26	24.71 0.62 -10.68	25.51 0.56 -11.59	24.97 0.61 -9.83	25.56 0.76 -5.43	27.18 0.75 -8.65	26.11 0.92 -3.22	26.39 0.82 -6.55	28.20 0.74 -10.31	28.77 0.72 -10.98	27.78 0.58 -13.17	27.21 0.58 -12.59	26.82 0.72 -8.57	27.17 0.57 -12.62	27.14 0.56 -12.66	26.97 0.82 -6.25	29.85 1.00 -6.54	33.12 1.50 -2.69	41.42 2.19 -0.15	45.95 2.39 0.00	33.79 1.70 0.00	30.31 1.52 0.00	28.05 1.36 0.00

WEST BABYLON___IC 23714	30.10 1.09 -17.71	27.80 1.15 -13.45	26.28 1.15 -11.72	27.05 0.97 -12.72	26.39 1.08 -10.78	26.65 1.32 -5.95	28.60 1.33 -9.49	27.42 1.91 -3.53	27.89 1.67 -7.19	29.82 1.36 -11.30	30.50 1.38 -12.04	29.67 1.19 -14.44	29.02 1.17 -13.81	28.39 1.46 -9.39	29.07 1.24 -13.84	29.14 1.32 -13.90	28.74 1.97 -6.86	35.67 2.25 -11.12	38.37 2.98 -6.47	44.08 4.06 -0.94	47.88 4.31 -0.01	37.46 3.14 -2.23	31.93 3.14 -0.01	29.33 2.64 0.00
WEST CANADA___HYD 24049	11.35 0.05 0.00	13.25 0.05 0.00	13.46 0.05 0.00	13.41 0.05 0.00	14.59 0.06 0.00	19.46 0.08 0.00	17.83 0.05 0.00	22.06 0.09 0.00	19.12 0.10 0.00	17.25 0.09 0.00	17.14 0.07 0.00	14.09 0.06 0.00	14.10 0.06 0.00	17.61 0.07 0.00	14.04 0.06 0.00	13.96 0.04 0.00	19.98 0.08 0.00	22.39 0.09 0.00	29.07 0.15 0.00	39.31 0.24 0.00	43.78 0.22 0.00	32.25 0.16 0.00	28.93 0.14 0.00	26.82 0.13 0.00
WESTERN_NY_WIND 24143	13.43 -0.42 -2.54	14.60 -0.53 -1.93	14.52 -0.56 -1.68	14.54 -0.64 -1.82	15.30 -0.78 -1.55	19.23 -1.01 -0.85	18.23 -0.91 -1.36	21.38 -1.10 -0.51	19.01 -1.05 -1.03	17.79 -1.00 -1.62	17.69 -1.11 -1.73	15.17 -0.94 -2.07	15.11 -0.91 -1.98	17.76 -1.12 -1.35	15.13 -0.84 -1.98	15.12 -0.79 -1.99	19.77 -1.11 -0.98	21.90 -1.43 -1.03	27.52 -1.82 -0.42	36.76 -2.34 -0.02	41.51 -2.05 0.00	30.81 -1.28 0.00	27.54 -1.24 0.00	25.62 -1.07 0.00
WESTOVER___LESR 323668	16.95 -0.01 -5.66	17.46 -0.04 -4.30	17.09 -0.05 -3.74	17.34 -0.08 -4.06	17.89 -0.09 -3.44	21.15 -0.14 -1.90	20.72 -0.09 -3.03	23.01 -0.09 -1.13	21.24 -0.08 -2.29	20.70 -0.07 -3.61	20.82 -0.10 -3.84	18.55 -0.10 -4.61	18.37 -0.08 -4.41	20.41 -0.12 -3.00	18.30 -0.10 -4.42	18.26 -0.10 -4.44	21.93 -0.16 -2.19	24.37 -0.22 -2.29	29.55 -0.32 -0.94	39.01 -0.12 -0.05	43.56 0.00 0.00	32.19 0.10 0.00	28.81 0.03 0.00	26.71 0.03 0.00
WETHRSFD_WT_PWR 323626	13.78 -0.82 -3.30	14.70 -1.00 -2.50	14.54 -1.05 -2.18	14.60 -1.12 -2.37	15.25 -1.29 -2.01	18.82 -1.67 -1.11	18.07 -1.48 -1.77	20.78 -1.85 -0.66	18.65 -1.71 -1.34	17.70 -1.56 -2.10	17.64 -1.67 -2.24	15.33 -1.39 -2.69	15.33 -1.29 -2.57	17.71 -1.58 -1.75	15.36 -1.20 -2.58	15.37 -1.14 -2.59	19.55 -1.63 -1.28	21.70 -1.94 -1.33	27.07 -2.40 -0.55	36.49 -2.62 -0.03	40.99 -2.57 0.00	30.58 -1.51 0.00	27.40 -1.38 0.00	25.57 -1.12 0.00
WHAVSTOR_138KV_BK127 55557	29.14 0.64 -17.19	27.00 0.74 -13.06	25.52 0.74 -11.37	26.38 0.68 -12.34	25.72 0.73 -10.46	26.07 0.91 -5.78	27.88 0.89 -9.21	26.54 1.14 -3.43	27.07 1.07 -6.97	29.09 0.96 -10.97	29.68 0.92 -11.69	28.82 0.77 -14.01	28.23 0.79 -13.40	27.64 0.98 -9.12	28.20 0.78 -13.43	28.20 0.79 -13.48	27.69 1.13 -6.65	30.58 1.32 -6.96	33.58 1.79 -2.86	41.66 2.42 -0.16	46.13 2.57 0.00	34.02 1.93 0.00	30.51 1.73 0.00	28.24 1.55 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.14 0.64 -17.19	27.00 0.74 -13.06	25.52 0.74 -11.37	26.38 0.68 -12.34	25.72 0.73 -10.46	26.07 0.91 -5.78	27.88 0.89 -9.21	26.54 1.14 -3.43	27.07 1.07 -6.97	29.09 0.96 -10.97	29.68 0.92 -11.69	28.82 0.77 -14.01	28.23 0.79 -13.40	27.64 0.98 -9.12	28.20 0.78 -13.43	28.20 0.79 -13.48	27.69 1.13 -6.65	30.58 1.32 -6.96	33.58 1.79 -2.86	41.66 2.42 -0.16	46.13 2.57 0.00	34.02 1.93 0.00	30.51 1.73 0.00	28.24 1.55 0.00
WHITEHAL_115KV_TB1 80871	34.32 0.86 -22.15	31.00 0.98 -16.82	29.06 1.01 -14.65	30.25 0.99 -15.90	29.10 1.09 -13.48	28.22 1.40 -7.44	30.96 1.32 -11.87	28.10 1.71 -4.42	29.52 1.50 -8.99	32.72 1.42 -14.14	33.62 1.49 -15.06	33.22 1.12 -18.06	32.39 1.08 -17.26	30.60 1.32 -11.75	32.39 1.10 -17.31	32.39 1.10 -17.37	29.96 1.49 -8.57	33.08 1.81 -8.97	35.27 2.66 -3.69	43.12 3.83 -0.21	47.82 4.27 0.00	35.20 3.11 0.00	31.37 2.59 0.00	28.98 2.30 0.00
WHITEPLN_13_KV_LOAD 356215	29.76 0.78 -17.67	27.53 0.91 -13.42	25.99 0.90 -11.69	26.87 0.83 -12.69	26.17 0.89 -10.75	26.43 1.10 -5.94	28.33 1.08 -9.47	26.92 1.43 -3.52	27.49 1.29 -7.17	29.60 1.17 -11.28	30.23 1.14 -12.01	29.40 0.95 -14.41	28.79 0.97 -13.77	28.14 1.23 -9.37	28.77 0.98 -13.81	28.75 0.97 -13.86	28.13 1.39 -6.84	31.13 1.67 -7.15	34.18 2.31 -2.94	42.41 3.17 -0.17	46.95 3.40 0.00	34.56 2.47 0.00	30.94 2.16 0.00	28.58 1.89 0.00
WM_FLOYD_69_KV_BK2 356380	30.12 1.10 -17.71	27.79 1.14 -13.45	26.29 1.17 -11.72	27.03 0.96 -12.72	26.39 1.08 -10.78	26.61 1.28 -5.95	28.60 1.33 -9.49	27.46 1.96 -3.53	27.91 1.69 -7.19	29.72 1.25 -11.30	30.38 1.26 -12.04	29.57 1.09 -14.44	28.92 1.07 -13.81	28.26 1.33 -9.39	29.04 1.22 -13.84	29.13 1.31 -13.90	28.73 1.97 -6.86	35.33 2.27 -10.75	38.11 3.04 -6.15	44.08 4.14 -0.87	47.96 4.40 -0.01	37.19 3.08 -2.02	31.81 3.02 -0.01	29.38 2.70 0.00
WOODARD___115KV_TB2 355635	12.81 -0.11 -1.62	14.28 -0.15 -1.23	14.31 -0.16 -1.07	14.34 -0.17 -1.16	15.33 -0.19 -0.98	19.67 -0.25 -0.54	18.43 -0.21 -0.87	22.08 -0.22 -0.32	19.49 -0.19 -0.66	18.02 -0.17 -1.03	18.02 -0.15 -1.10	15.21 -0.14 -1.32	15.17 -0.14 -1.26	18.22 -0.18 -0.86	15.09 -0.15 -1.26	15.02 -0.17 -1.27	20.27 -0.26 -0.63	22.62 -0.33 -0.66	28.61 -0.58 -0.27	38.39 -0.70 -0.02	42.86 -0.70 0.00	31.61 -0.48 0.00	28.32 -0.46 0.00	26.23 -0.45 0.00
YORK___WARBASSE 23770	29.87 0.85 -17.72	27.65 0.99 -13.46	26.11 0.98 -11.72	26.96 0.88 -12.72	26.27 0.96 -10.78	26.54 1.20 -5.95	28.44 1.17 -9.49	27.04 1.54 -3.53	27.65 1.43 -7.19	29.76 1.29 -11.31	30.33 1.21 -12.05	29.51 1.02 -14.45	28.91 1.05 -13.81	28.25 1.32 -9.40	28.88 1.05 -13.84	28.86 1.04 -13.90	28.27 1.51 -6.86	31.24 1.76 -7.18	34.22 2.34 -2.96	42.38 3.13 -0.18	46.82 3.27 0.00	34.57 2.47 -0.01	31.03 2.24 -0.01	28.78 2.08 -0.01