

# Time Weighted/Integrated Real Time LBMP- Generator

Generator Data		03/10/2024																						
Name	PTID	00:00	01:00	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
59TH STREET_GT_1	24138	22.02	19.37	19.81	20.69	21.58	20.09	18.88	18.45	19.26	20.28	19.39	20.68	20.82	20.67	20.73	23.83	29.08	33.02	28.45	27.24	38.20	32.17	22.80
		0.75	0.64	0.55	0.47	0.43	0.56	0.66	0.70	0.67	0.94	0.88	0.88	0.94	0.99	0.99	1.13	1.39	1.93	1.90	1.81	2.14	1.73	1.23
		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
74TH STREET_GT_1	24260	22.02	19.36	19.81	20.69	21.59	20.09	18.88	18.45	19.26	20.27	19.38	20.66	20.80	20.66	20.70	23.80	29.07	33.00	28.42	27.20	38.14	32.11	22.78
		0.75	0.64	0.55	0.47	0.44	0.56	0.66	0.69	0.66	0.94	0.87	0.86	0.93	0.97	0.97	1.11	1.38	1.91	1.87	1.77	2.08	1.67	1.21
		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
74TH STREET_GT_2	24261	22.02	19.36	19.81	20.69	21.59	20.09	18.88	18.45	19.26	20.27	19.38	20.66	20.80	20.66	20.70	23.80	29.07	33.00	28.42	27.20	38.14	32.11	22.78
		0.75	0.64	0.55	0.47	0.44	0.56	0.66	0.69	0.66	0.94	0.87	0.86	0.93	0.97	0.97	1.11	1.38	1.91	1.87	1.77	2.08	1.67	1.21
		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
ADK HUDSON___FALLS	24011	22.02	19.36	19.92	20.89	21.69	20.19	18.90	18.58	19.43	20.23	19.24	20.54	20.68	20.50	20.54	23.69	29.21	33.16	28.26	26.97	37.87	31.75	22.50
		0.75	0.64	0.66	0.67	0.53	0.66	0.68	0.83	0.83	0.90	0.72	0.74	0.80	0.82	0.81	0.99	1.53	2.06	1.72	1.54	1.80	1.31	0.93
		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
ADK RESOURCE___RCVRY	23798	22.11	19.44	20.02	20.99	21.75	20.27	18.99	18.69	19.55	20.34	19.30	20.62	20.77	20.59	20.63	23.81	29.42	33.46	28.45	27.13	38.03	31.86	22.57
		0.83	0.72	0.76	0.77	0.60	0.74	0.77	0.94	0.95	1.01	0.79	0.81	0.89	0.90	0.89	1.11	1.74	2.36	1.91	1.71	1.96	1.42	1.00
		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
ADK S GLENS___FALLS	24028	22.02	19.36	19.92	20.89	21.69	20.19	18.90	18.58	19.43	20.23	19.24	20.54	20.68	20.50	20.54	23.69	29.21	33.16	28.26	26.97	37.87	31.75	22.50
		0.75	0.64	0.66	0.67	0.53	0.66	0.68	0.83	0.83	0.90	0.72	0.74	0.80	0.82	0.81	0.99	1.53	2.06	1.72	1.54	1.80	1.31	0.93
		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
ADK_NYS___DAM	23527	21.56	18.97	19.52	20.49	21.23	19.75	18.47	18.10	18.90	19.72	18.86	20.08	20.23	20.05	19.99	23.05	28.45	32.24	27.51	26.29	36.99	30.99	22.00
		0.29	0.25	0.26	0.27	0.08	0.22	0.25	0.35	0.30	0.39	0.35	0.28	0.35	0.36	0.26	0.34	0.77	1.14	0.97	0.86	0.92	0.55	0.43
		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
AIR_PRODUCTS___DRP	24190	21.71	19.09	19.62	20.57	21.41	19.85	18.54	18.13	18.94	19.82	18.96	20.22	20.35	20.17	20.19	23.23	28.47	32.19	27.53	26.33	37.12	31.19	22.16
		0.44	0.37	0.36	0.35	0.26	0.32	0.33	0.37	0.34	0.49	0.44	0.42	0.47	0.49	0.46	0.53	0.78	1.10	0.99	0.90	1.05	0.76	0.59
		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
AKWESSNE_115KV_BK	355683	21.19	18.67	19.26	20.30	21.37	19.81	18.46	17.95	18.88	19.41	18.57	19.96	19.95	19.71	19.76	22.75	27.63	30.79	26.16	25.06	35.87	30.40	21.43
		-0.08	-0.05	0.00	0.08	0.22	0.27	0.25	0.20	0.28	0.08	0.06	0.16	0.07	0.02	0.02	0.04	-0.05	-0.31	-0.38	-0.37	-0.19	-0.04	-0.14
		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	323833	21.93	19.28	19.82	20.79	21.65	20.07	18.73	18.31	19.13	20.01	19.13	20.41	20.52	20.36	20.38	23.44	28.73	32.46	27.73	26.51	37.41	31.46	22.34
		0.66	0.56	0.56	0.57	0.50	0.54	0.51	0.56	0.53	0.67	0.62	0.61	0.65	0.68	0.65	0.73	1.04	1.36	1.20	1.08	1.35	1.02	0.78
		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_2_SOLAR	323834	21.93	19.28	19.82	20.78	21.65	20.07	18.72	18.31	19.13	20.00	19.12	20.40	20.52	20.35	20.38	23.43	28.72	32.45	27.72	26.50	37.41	31.45	22.34
		0.65	0.56	0.56	0.56	0.50	0.53	0.51	0.55	0.53	0.66	0.61	0.60	0.64	0.67	0.65	0.73	1.03	1.35	1.18	1.07	1.34	1.02	0.77
		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	23571	21.71	19.09	19.62	20.57	21.41	19.85	18.54	18.13	18.94	19.82	18.96	20.22	20.35	20.17	20.19	23.23	28.47	32.19	27.53	26.33	37.12	31.19	22.16
		0.44	0.37	0.36	0.35	0.26	0.32	0.33	0.37	0.34	0.49	0.44	0.42	0.47	0.49	0.46	0.53	0.78	1.10	0.99	0.90	1.05	0.76	0.59
		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___2		21.71	19.09	19.62	20.57	21.41	19.85	18.54	18.13	18.94	19.82	18.96	20.22	20.35	20.17	20.19	23.23	28.47	32.19	27.53	26.33	37.12	31.19	22.16

23572	0.44 0.00	0.37 0.00	0.36 0.00	0.35 0.00	0.26 0.00	0.32 0.00	0.33 0.00	0.37 0.00	0.34 0.00	0.49 0.00	0.44 0.00	0.42 0.00	0.47 0.00	0.49 0.00	0.46 0.00	0.53 0.00	0.78 0.00	1.10 0.00	0.99 0.00	0.90 0.00	1.05 0.00	0.76 0.00	0.59 0.00
ALBANY___3 23573	21.71 0.44 0.00	19.09 0.37 0.00	19.62 0.36 0.00	20.57 0.35 0.00	21.41 0.26 0.00	19.85 0.32 0.00	18.54 0.33 0.00	18.13 0.37 0.00	18.94 0.34 0.00	19.82 0.49 0.00	18.96 0.44 0.00	20.22 0.42 0.00	20.35 0.47 0.00	20.17 0.49 0.00	20.19 0.46 0.00	23.23 0.53 0.00	28.47 0.78 0.00	32.19 1.10 0.00	27.53 0.99 0.00	26.33 0.90 0.00	37.12 1.05 0.00	31.19 0.76 0.00	22.16 0.59 0.00
ALBANY___4 23574	21.71 0.44 0.00	19.09 0.37 0.00	19.62 0.36 0.00	20.57 0.35 0.00	21.41 0.26 0.00	19.85 0.32 0.00	18.54 0.33 0.00	18.13 0.37 0.00	18.94 0.34 0.00	19.82 0.49 0.00	18.96 0.44 0.00	20.22 0.42 0.00	20.35 0.47 0.00	20.17 0.49 0.00	20.19 0.46 0.00	23.23 0.53 0.00	28.47 0.78 0.00	32.19 1.10 0.00	27.53 0.99 0.00	26.33 0.90 0.00	37.12 1.05 0.00	31.19 0.76 0.00	22.16 0.59 0.00
ALBANY___LFGE 323615	21.83 0.56 0.00	19.19 0.47 0.00	19.72 0.46 0.00	20.68 0.46 0.00	21.53 0.38 0.00	19.97 0.44 0.00	18.64 0.42 0.00	18.23 0.47 0.00	19.05 0.45 0.00	19.94 0.60 0.00	19.08 0.56 0.00	20.34 0.54 0.00	20.48 0.61 0.00	20.31 0.62 0.00	20.32 0.59 0.00	23.38 0.68 0.00	28.66 0.97 0.00	32.42 1.32 0.00	27.72 1.18 0.00	26.50 1.07 0.00	37.34 1.27 0.00	31.38 0.94 0.00	22.29 0.72 0.00
ALCOA_PA_115KV_PL-6C 55860	21.23 -0.04 0.00	18.70 -0.02 0.00	19.30 0.04 0.00	20.35 0.13 0.00	21.44 0.29 0.00	19.93 0.40 0.00	18.57 0.36 0.00	18.06 0.30 0.00	18.99 0.39 0.00	19.51 0.18 0.00	18.67 0.16 0.00	20.07 0.26 0.00	20.05 0.17 0.00	19.96 0.10 -0.17	20.82 0.11 -0.98	23.04 0.16 -0.19	28.65 -0.01 -0.97	31.99 -0.25 -1.14	27.46 -0.32 -1.24	26.32 -0.32 -1.21	37.44 -0.12 -1.50	31.91 0.12 -1.35	22.66 -0.03 -1.12
ALCOA_RYNLDS___DRP 24188	21.23 -0.04 0.00	18.70 -0.02 0.00	19.30 0.04 0.00	20.35 0.13 0.00	21.44 0.29 0.00	19.93 0.40 0.00	18.57 0.36 0.00	18.06 0.30 0.00	18.99 0.39 0.00	19.51 0.18 0.00	18.67 0.16 0.00	20.07 0.26 0.00	20.05 0.17 0.00	19.96 0.10 -0.17	20.82 0.11 -0.98	23.04 0.16 -0.19	28.65 -0.01 -0.97	31.99 -0.25 -1.14	27.46 -0.32 -1.24	26.32 -0.32 -1.21	37.44 -0.12 -1.50	31.91 0.12 -1.35	22.66 -0.03 -1.12
ALCOA___DSASP 323711	21.23 -0.04 0.00	18.70 -0.02 0.00	19.30 0.04 0.00	20.35 0.13 0.00	21.44 0.29 0.00	19.93 0.40 0.00	18.57 0.36 0.00	18.06 0.30 0.00	18.99 0.39 0.00	19.51 0.18 0.00	18.67 0.16 0.00	20.07 0.26 0.00	20.05 0.17 0.00	19.96 0.10 -0.17	20.82 0.11 -0.98	23.05 0.16 -0.19	28.65 -0.01 -0.97	31.99 -0.25 -1.14	27.46 -0.32 -1.24	26.32 -0.32 -1.21	37.44 -0.12 -1.50	31.90 0.11 -1.35	22.66 -0.03 -1.12
ALLEGHENY___COGEN 23514	21.31 0.04 0.00	18.67 -0.05 0.00	19.23 -0.03 0.00	20.26 0.04 0.00	21.26 0.11 0.00	19.40 -0.13 0.00	17.99 -0.22 0.00	17.39 -0.36 0.00	18.07 -0.53 0.00	18.58 -0.76 0.00	17.67 -0.84 0.00	18.73 -1.08 0.00	18.85 -1.03 0.00	18.75 -0.94 0.00	18.80 -0.93 0.00	21.86 -0.84 0.00	27.00 -0.68 0.00	30.62 -0.48 0.00	26.24 -0.30 0.00	25.25 -0.17 0.00	35.61 -0.46 0.00	30.19 -0.25 0.00	21.72 0.15 0.00
ALTAMONT_115KV_TB 2 55880	21.63 0.36 0.00	19.02 0.30 0.00	19.55 0.28 0.00	20.49 0.28 0.00	21.36 0.21 0.00	19.79 0.26 0.00	18.49 0.27 0.00	18.07 0.32 0.00	18.88 0.28 0.00	19.74 0.40 0.00	18.88 0.37 0.00	20.15 0.34 0.00	20.26 0.38 0.00	20.09 0.40 0.00	20.12 0.38 0.00	23.14 0.44 0.00	28.33 0.64 0.00	32.02 0.92 0.00	27.40 0.86 0.00	26.21 0.78 0.00	36.96 0.89 0.00	31.08 0.65 0.00	22.07 0.50 0.00
ALTONA_WT_PWR 323606	20.90 -0.37 0.00	18.23 -0.49 0.00	19.12 -0.14 0.00	20.48 0.26 0.00	21.69 0.53 0.00	20.21 0.68 0.00	18.97 0.75 0.00	18.50 0.75 0.00	19.43 0.83 0.00	19.95 0.61 0.00	19.01 0.49 0.00	20.24 0.43 0.00	19.80 -0.09 0.00	12.72 -0.55 6.42	-17.52 -0.62 36.64	15.01 -0.64 7.05	-9.36 -0.91 36.14	-12.74 -1.23 42.60	-21.07 -1.18 46.43	-21.06 -1.12 45.37	-21.08 -1.30 55.85	-21.09 -0.99 50.54	-21.06 -0.83 41.81
AMERICAN_REF_FUEL 24010	19.60 -1.67 0.00	17.38 -1.34 0.00	17.89 -1.37 0.00	18.78 -1.44 0.00	19.63 -1.52 0.00	17.94 -1.59 0.00	16.45 -1.76 0.00	15.76 -1.99 0.00	16.66 -1.94 0.00	17.16 -2.18 0.00	16.52 -1.99 0.00	17.52 -2.29 0.00	17.56 -2.32 0.00	17.46 -2.23 0.00	17.50 -2.23 0.00	20.21 -2.49 0.00	24.37 -3.32 0.00	27.50 -3.60 0.00	23.25 -3.29 0.00	22.20 -3.23 0.00	31.41 -4.66 0.00	26.92 -3.52 0.00	19.59 -1.98 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.47 -0.80 0.00	17.99 -0.72 0.00	18.55 -0.71 0.00	19.39 -0.82 0.00	20.33 -0.82 0.00	18.64 -0.89 0.00	17.13 -1.08 0.00	16.40 -1.35 0.00	17.26 -1.34 0.00	17.77 -1.56 0.00	17.12 -1.39 0.00	18.11 -1.69 0.00	18.20 -1.68 0.00	18.07 -1.62 0.00	18.15 -1.59 0.00	20.91 -1.79 0.00	25.20 -2.48 0.00	28.47 -2.62 0.00	24.16 -2.38 0.00	23.21 -2.22 0.00	32.66 -3.41 0.00	27.85 -2.59 0.00	20.17 -1.40 0.00
ARTHUR_KILL_GT_1 23520	22.02 0.75 0.00	19.37 0.64 0.00	19.80 0.54 0.00	20.70 0.48 0.00	21.60 0.45 0.00	20.11 0.57 0.00	18.89 0.67 0.00	18.48 0.73 0.00	19.24 0.63 0.00	20.28 0.94 0.00	19.32 0.81 0.00	20.66 0.85 0.00	20.79 0.91 0.00	20.61 0.92 0.00	20.68 0.95 0.00	23.78 1.08 0.00	29.00 1.32 0.00	32.93 1.84 0.00	28.37 1.83 0.00	27.18 1.75 0.00	38.07 2.01 0.00	32.09 1.66 0.00	22.78 1.21 0.00
ARTHUR_KILL_2 23512	21.96 0.69 0.00	19.31 0.59 0.00	19.75 0.49 0.00	20.64 0.42 0.00	21.54 0.39 0.00	20.05 0.52 0.00	18.84 0.63 0.00	18.43 0.67 0.00	19.19 0.59 0.00	20.22 0.89 0.00	19.28 0.76 0.00	20.60 0.80 0.00	20.74 0.85 0.00	20.56 0.87 0.00	20.62 0.89 0.00	23.72 1.01 0.00	28.91 1.23 0.00	32.84 1.74 0.00	28.29 1.75 0.00	27.10 1.67 0.00	37.96 1.90 0.00	32.00 1.56 0.00	22.72 1.15 0.00
ARTHUR_KILL_3 23513	21.77 0.50 0.00	19.15 0.43 0.00	19.59 0.33 0.00	20.45 0.23 0.00	21.34 0.18 0.00	19.86 0.33 0.00	18.68 0.46 0.00	18.26 0.50 0.00	19.04 0.44 0.00	20.04 0.71 0.00	19.16 0.65 0.00	20.43 0.63 0.00	20.57 0.70 0.00	20.42 0.73 0.00	20.47 0.73 0.00	23.53 0.83 0.00	28.72 1.04 0.00	32.63 1.53 0.00	28.10 1.56 0.00	26.91 1.48 0.00	37.74 1.68 0.00	31.79 1.36 0.00	22.54 0.97 0.00
ARTHUR_KILL_COGEN	22.02	19.37	19.80	20.70	21.60	20.11	18.89	18.48	19.24	20.28	19.32	20.66	20.79	20.61	20.68	23.78	29.00	32.93	28.37	27.18	38.07	32.09	22.78

323718	0.75 0.00	0.64 0.00	0.54 0.00	0.48 0.00	0.45 0.00	0.57 0.00	0.67 0.00	0.73 0.00	0.63 0.00	0.94 0.00	0.81 0.00	0.85 0.00	0.91 0.00	0.92 0.00	0.95 0.00	1.08 0.00	1.32 0.00	1.84 0.00	1.83 0.00	1.75 0.00	2.01 0.00	1.66 0.00	1.21 0.00
ASHOKAN____ 23654	22.05 0.78 0.00	19.36 0.64 0.00	19.87 0.61 0.00	20.83 0.61 0.00	21.71 0.56 0.00	20.15 0.62 0.00	18.85 0.64 0.00	18.45 0.69 0.00	19.28 0.68 0.00	20.19 0.86 0.00	19.29 0.78 0.00	20.55 0.75 0.00	20.71 0.83 0.00	20.56 0.87 0.00	20.56 0.83 0.00	23.63 0.93 0.00	29.13 1.44 0.00	33.03 1.93 0.00	28.28 1.75 0.00	26.98 1.56 0.00	37.99 1.92 0.00	31.86 1.43 0.00	22.56 0.99 0.00
ASTORIA_EAST_ENERGY_CC1 323581	21.84 0.57 0.00	19.24 0.52 0.00	19.64 0.38 0.00	20.53 0.31 0.00	21.41 0.26 0.00	19.93 0.40 0.00	18.72 0.51 0.00	18.29 0.54 0.00	19.10 0.50 0.00	20.15 0.82 0.00	19.25 0.73 0.00	20.54 0.73 0.00	20.66 0.78 0.00	20.52 0.83 0.00	20.56 0.83 0.00	23.61 0.91 0.00	28.77 1.09 0.00	32.72 1.62 0.00	28.21 1.67 0.00	27.01 1.59 0.00	37.82 1.76 0.00	31.83 1.39 0.00	22.63 1.06 0.00
ASTORIA_EAST_ENERGY_CC2 323582	21.84 0.57 0.00	19.24 0.52 0.00	19.64 0.38 0.00	20.53 0.31 0.00	21.41 0.26 0.00	19.93 0.40 0.00	18.72 0.51 0.00	18.29 0.54 0.00	19.10 0.50 0.00	20.15 0.82 0.00	19.25 0.73 0.00	20.53 0.73 0.00	20.66 0.78 0.00	20.52 0.83 0.00	20.56 0.83 0.00	23.61 0.91 0.00	28.77 1.09 0.00	32.72 1.62 0.00	28.21 1.67 0.00	27.01 1.59 0.00	37.82 1.75 0.00	31.82 1.39 0.00	22.63 1.06 0.00
ASTORIA_GT2_1 24094	21.86 0.58 0.00	19.24 0.52 0.00	19.64 0.38 0.00	20.54 0.32 0.00	21.42 0.27 0.00	19.93 0.40 0.00	18.73 0.52 0.00	18.30 0.54 0.00	19.10 0.51 0.00	20.15 0.82 0.00	19.25 0.74 0.00	20.54 0.74 0.00	20.67 0.79 0.00	20.52 0.84 0.00	20.56 0.83 0.00	23.62 0.92 0.00	28.78 1.10 0.00	32.73 1.63 0.00	28.23 1.70 0.00	27.03 1.60 0.00	37.84 1.77 0.00	31.85 1.41 0.00	22.63 1.07 0.00
ASTORIA_GT2_2 24095	21.86 0.58 0.00	19.24 0.52 0.00	19.64 0.38 0.00	20.54 0.32 0.00	21.42 0.27 0.00	19.93 0.40 0.00	18.73 0.52 0.00	18.30 0.54 0.00	19.10 0.51 0.00	20.15 0.82 0.00	19.25 0.74 0.00	20.54 0.74 0.00	20.67 0.79 0.00	20.52 0.84 0.00	20.56 0.83 0.00	23.62 0.92 0.00	28.78 1.10 0.00	32.73 1.63 0.00	28.23 1.70 0.00	27.03 1.60 0.00	37.84 1.77 0.00	31.85 1.41 0.00	22.63 1.07 0.00
ASTORIA_GT2_3 24096	21.86 0.58 0.00	19.24 0.52 0.00	19.64 0.38 0.00	20.54 0.32 0.00	21.42 0.27 0.00	19.93 0.40 0.00	18.73 0.52 0.00	18.30 0.54 0.00	19.10 0.51 0.00	20.15 0.82 0.00	19.25 0.74 0.00	20.54 0.74 0.00	20.67 0.79 0.00	20.52 0.84 0.00	20.56 0.83 0.00	23.62 0.92 0.00	28.78 1.10 0.00	32.73 1.63 0.00	28.23 1.70 0.00	27.03 1.60 0.00	37.84 1.77 0.00	31.85 1.41 0.00	22.63 1.07 0.00
ASTORIA_GT2_4 24097	21.86 0.58 0.00	19.24 0.52 0.00	19.64 0.38 0.00	20.54 0.32 0.00	21.42 0.27 0.00	19.93 0.40 0.00	18.73 0.52 0.00	18.30 0.54 0.00	19.10 0.51 0.00	20.15 0.82 0.00	19.25 0.74 0.00	20.54 0.74 0.00	20.67 0.79 0.00	20.52 0.84 0.00	20.56 0.83 0.00	23.62 0.92 0.00	28.78 1.10 0.00	32.73 1.63 0.00	28.23 1.70 0.00	27.03 1.60 0.00	37.84 1.77 0.00	31.85 1.41 0.00	22.63 1.07 0.00
ASTORIA_GT3_1 24098	21.86 0.58 0.00	19.24 0.52 0.00	19.64 0.38 0.00	20.54 0.32 0.00	21.42 0.27 0.00	19.93 0.40 0.00	18.73 0.52 0.00	18.30 0.54 0.00	19.10 0.51 0.00	20.15 0.82 0.00	19.25 0.74 0.00	20.54 0.74 0.00	20.67 0.79 0.00	20.52 0.84 0.00	20.56 0.83 0.00	23.62 0.92 0.00	28.78 1.10 0.00	32.73 1.63 0.00	28.23 1.70 0.00	27.03 1.60 0.00	37.84 1.77 0.00	31.85 1.41 0.00	22.63 1.07 0.00
ASTORIA_GT3_2 24099	21.86 0.58 0.00	19.24 0.52 0.00	19.64 0.38 0.00	20.54 0.32 0.00	21.42 0.27 0.00	19.93 0.40 0.00	18.73 0.52 0.00	18.30 0.54 0.00	19.10 0.51 0.00	20.15 0.82 0.00	19.25 0.74 0.00	20.54 0.74 0.00	20.67 0.79 0.00	20.52 0.84 0.00	20.56 0.83 0.00	23.62 0.92 0.00	28.78 1.10 0.00	32.73 1.63 0.00	28.23 1.70 0.00	27.03 1.60 0.00	37.84 1.77 0.00	31.85 1.41 0.00	22.63 1.07 0.00
ASTORIA_GT3_3 24100	21.86 0.58 0.00	19.24 0.52 0.00	19.64 0.38 0.00	20.54 0.32 0.00	21.42 0.27 0.00	19.93 0.40 0.00	18.73 0.52 0.00	18.30 0.54 0.00	19.10 0.51 0.00	20.15 0.82 0.00	19.25 0.74 0.00	20.54 0.74 0.00	20.67 0.79 0.00	20.52 0.84 0.00	20.56 0.83 0.00	23.62 0.92 0.00	28.78 1.10 0.00	32.73 1.63 0.00	28.23 1.70 0.00	27.03 1.60 0.00	37.84 1.77 0.00	31.85 1.41 0.00	22.63 1.07 0.00
ASTORIA_GT3_4 24101	21.86 0.58 0.00	19.24 0.52 0.00	19.64 0.38 0.00	20.54 0.32 0.00	21.42 0.27 0.00	19.93 0.40 0.00	18.73 0.52 0.00	18.30 0.54 0.00	19.10 0.51 0.00	20.15 0.82 0.00	19.25 0.74 0.00	20.54 0.74 0.00	20.67 0.79 0.00	20.52 0.84 0.00	20.56 0.83 0.00	23.62 0.92 0.00	28.78 1.10 0.00	32.73 1.63 0.00	28.23 1.70 0.00	27.03 1.60 0.00	37.84 1.77 0.00	31.85 1.41 0.00	22.63 1.07 0.00
ASTORIA_GT4_1 24102	21.86 0.58 0.00	19.24 0.52 0.00	19.64 0.38 0.00	20.54 0.32 0.00	21.42 0.27 0.00	19.93 0.40 0.00	18.73 0.52 0.00	18.30 0.54 0.00	19.10 0.51 0.00	20.15 0.82 0.00	19.25 0.74 0.00	20.54 0.74 0.00	20.67 0.79 0.00	20.52 0.84 0.00	20.56 0.83 0.00	23.62 0.92 0.00	28.78 1.10 0.00	32.73 1.63 0.00	28.23 1.70 0.00	27.03 1.60 0.00	37.84 1.77 0.00	31.85 1.41 0.00	22.63 1.07 0.00
ASTORIA_GT4_2 24103	21.86 0.58 0.00	19.24 0.52 0.00	19.64 0.38 0.00	20.54 0.32 0.00	21.42 0.27 0.00	19.93 0.40 0.00	18.73 0.52 0.00	18.30 0.54 0.00	19.10 0.51 0.00	20.15 0.82 0.00	19.25 0.74 0.00	20.54 0.74 0.00	20.67 0.79 0.00	20.52 0.84 0.00	20.56 0.83 0.00	23.62 0.92 0.00	28.78 1.10 0.00	32.73 1.63 0.00	28.23 1.70 0.00	27.03 1.60 0.00	37.84 1.77 0.00	31.85 1.41 0.00	22.63 1.07 0.00
ASTORIA_GT4_3 24104	21.86 0.58 0.00	19.24 0.52 0.00	19.64 0.38 0.00	20.54 0.32 0.00	21.42 0.27 0.00	19.93 0.40 0.00	18.73 0.52 0.00	18.30 0.54 0.00	19.10 0.51 0.00	20.15 0.82 0.00	19.25 0.74 0.00	20.54 0.74 0.00	20.67 0.79 0.00	20.52 0.84 0.00	20.56 0.83 0.00	23.62 0.92 0.00	28.78 1.10 0.00	32.73 1.63 0.00	28.23 1.70 0.00	27.03 1.60 0.00	37.84 1.77 0.00	31.85 1.41 0.00	22.63 1.07 0.00
ASTORIA_GT4_4	21.86	19.24	19.64	20.54	21.42	19.93	18.73	18.30	19.10	20.15	19.25	20.54	20.67	20.52	20.56	23.62	28.78	32.73	28.23	27.03	37.84	31.85	22.63

24105	0.58 0.00	0.52 0.00	0.38 0.00	0.32 0.00	0.27 0.00	0.40 0.00	0.52 0.00	0.54 0.00	0.51 0.00	0.82 0.00	0.74 0.00	0.74 0.00	0.79 0.00	0.84 0.00	0.83 0.00	0.92 0.00	1.10 0.00	1.63 0.00	1.70 0.00	1.60 0.00	1.77 0.00	1.41 0.00	1.07 0.00
ASTORIA_GT_1 23523	21.89 0.62 0.00	19.28 0.55 0.00	19.68 0.42 0.00	20.56 0.34 0.00	21.45 0.30 0.00	19.97 0.43 0.00	18.76 0.55 0.00	18.33 0.58 0.00	19.14 0.54 0.00	20.19 0.85 0.00	19.29 0.77 0.00	20.58 0.77 0.00	20.70 0.82 0.00	20.56 0.87 0.00	20.60 0.87 0.00	23.67 0.97 0.00	28.84 1.15 0.00	32.79 1.69 0.00	28.28 1.75 0.00	27.08 1.66 0.00	37.91 1.84 0.00	31.90 1.47 0.00	22.67 1.11 0.00
ASTORIA_GT_10 24110	21.87 0.60 0.00	19.24 0.52 0.00	19.66 0.40 0.00	20.55 0.33 0.00	21.43 0.28 0.00	19.95 0.42 0.00	18.75 0.54 0.00	18.33 0.57 0.00	19.13 0.53 0.00	20.14 0.81 0.00	19.24 0.73 0.00	20.52 0.72 0.00	20.66 0.78 0.00	20.51 0.82 0.00	20.56 0.82 0.00	23.63 0.94 0.00	28.84 1.16 0.00	32.76 1.66 0.00	28.23 1.70 0.00	27.03 1.60 0.00	37.87 1.81 0.00	31.89 1.45 0.00	22.62 1.06 0.00
ASTORIA_GT_11 24225	21.87 0.60 0.00	19.24 0.52 0.00	19.66 0.40 0.00	20.55 0.33 0.00	21.43 0.28 0.00	19.95 0.42 0.00	18.75 0.54 0.00	18.33 0.57 0.00	19.13 0.53 0.00	20.14 0.81 0.00	19.24 0.73 0.00	20.52 0.72 0.00	20.66 0.78 0.00	20.51 0.82 0.00	20.56 0.82 0.00	23.63 0.94 0.00	28.84 1.16 0.00	32.76 1.66 0.00	28.23 1.70 0.00	27.03 1.60 0.00	37.87 1.81 0.00	31.89 1.45 0.00	22.62 1.06 0.00
ASTORIA_GT_12 24226	21.87 0.60 0.00	19.24 0.52 0.00	19.66 0.40 0.00	20.55 0.33 0.00	21.43 0.28 0.00	19.95 0.42 0.00	18.75 0.54 0.00	18.33 0.57 0.00	19.13 0.53 0.00	20.14 0.81 0.00	19.24 0.73 0.00	20.52 0.72 0.00	20.66 0.78 0.00	20.51 0.82 0.00	20.56 0.82 0.00	23.63 0.94 0.00	28.84 1.16 0.00	32.76 1.66 0.00	28.23 1.70 0.00	27.03 1.60 0.00	37.87 1.81 0.00	31.89 1.45 0.00	22.62 1.06 0.00
ASTORIA_GT_13 24227	21.87 0.60 0.00	19.24 0.52 0.00	19.66 0.40 0.00	20.55 0.33 0.00	21.43 0.28 0.00	19.95 0.42 0.00	18.75 0.54 0.00	18.33 0.57 0.00	19.13 0.53 0.00	20.14 0.81 0.00	19.24 0.73 0.00	20.52 0.72 0.00	20.66 0.78 0.00	20.51 0.82 0.00	20.56 0.82 0.00	23.63 0.94 0.00	28.84 1.16 0.00	32.76 1.66 0.00	28.23 1.70 0.00	27.03 1.60 0.00	37.87 1.81 0.00	31.89 1.45 0.00	22.62 1.06 0.00
ASTORIA_GT_5 24106	21.89 0.62 0.00	19.27 0.55 0.00	19.67 0.41 0.00	20.56 0.34 0.00	21.45 0.30 0.00	19.97 0.43 0.00	18.76 0.55 0.00	18.33 0.58 0.00	19.14 0.54 0.00	20.19 0.85 0.00	19.29 0.77 0.00	20.58 0.77 0.00	20.71 0.83 0.00	20.56 0.87 0.00	20.60 0.87 0.00	23.67 0.97 0.00	28.83 1.15 0.00	32.79 1.70 0.00	28.28 1.75 0.00	27.08 1.66 0.00	37.91 1.84 0.00	31.91 1.47 0.00	22.67 1.11 0.00
ASTORIA_GT_7 24107	21.89 0.62 0.00	19.27 0.55 0.00	19.67 0.41 0.00	20.56 0.34 0.00	21.45 0.30 0.00	19.97 0.43 0.00	18.76 0.55 0.00	18.33 0.58 0.00	19.14 0.54 0.00	20.19 0.85 0.00	19.29 0.77 0.00	20.58 0.77 0.00	20.71 0.83 0.00	20.56 0.87 0.00	20.60 0.87 0.00	23.67 0.97 0.00	28.83 1.15 0.00	32.79 1.70 0.00	28.28 1.75 0.00	27.08 1.66 0.00	37.91 1.84 0.00	31.91 1.47 0.00	22.67 1.11 0.00
ASTORIA_GT_8 24108	21.89 0.62 0.00	19.27 0.55 0.00	19.67 0.41 0.00	20.56 0.34 0.00	21.45 0.30 0.00	19.97 0.43 0.00	18.76 0.55 0.00	18.33 0.58 0.00	19.14 0.54 0.00	20.19 0.85 0.00	19.29 0.77 0.00	20.58 0.77 0.00	20.71 0.83 0.00	20.56 0.87 0.00	20.60 0.87 0.00	23.67 0.97 0.00	28.83 1.15 0.00	32.79 1.70 0.00	28.28 1.75 0.00	27.08 1.66 0.00	37.91 1.84 0.00	31.91 1.47 0.00	22.67 1.11 0.00
ASTORIA___2 24149	21.86 0.59 0.00	19.25 0.52 0.00	19.65 0.39 0.00	20.54 0.32 0.00	21.42 0.27 0.00	19.93 0.40 0.00	18.73 0.52 0.00	18.30 0.54 0.00	19.10 0.51 0.00	20.15 0.82 0.00	19.25 0.74 0.00	20.54 0.74 0.00	20.67 0.79 0.00	20.52 0.84 0.00	20.56 0.83 0.00	23.62 0.92 0.00	28.78 1.10 0.00	32.73 1.63 0.00	28.23 1.69 0.00	27.03 1.60 0.00	37.84 1.77 0.00	31.84 1.41 0.00	22.64 1.07 0.00
ASTORIA___3 23516	21.86 0.59 0.00	19.25 0.52 0.00	19.65 0.39 0.00	20.54 0.32 0.00	21.42 0.27 0.00	19.93 0.40 0.00	18.73 0.52 0.00	18.30 0.54 0.00	19.10 0.51 0.00	20.15 0.82 0.00	19.25 0.74 0.00	20.54 0.74 0.00	20.67 0.79 0.00	20.52 0.84 0.00	20.56 0.83 0.00	23.62 0.92 0.00	28.78 1.10 0.00	32.73 1.63 0.00	28.23 1.69 0.00	27.03 1.60 0.00	37.84 1.77 0.00	31.84 1.41 0.00	22.64 1.07 0.00
ASTORIA___4 23517	21.86 0.58 0.00	19.24 0.52 0.00	19.64 0.38 0.00	20.54 0.32 0.00	21.42 0.27 0.00	19.93 0.40 0.00	18.73 0.52 0.00	18.30 0.54 0.00	19.10 0.51 0.00	20.15 0.82 0.00	19.25 0.74 0.00	20.54 0.74 0.00	20.67 0.79 0.00	20.52 0.84 0.00	20.56 0.83 0.00	23.62 0.92 0.00	28.78 1.10 0.00	32.73 1.63 0.00	28.23 1.70 0.00	27.03 1.60 0.00	37.84 1.77 0.00	31.85 1.41 0.00	22.63 1.07 0.00
ASTORIA___5 23518	21.87 0.60 0.00	19.24 0.52 0.00	19.67 0.40 0.00	20.55 0.33 0.00	21.43 0.28 0.00	19.95 0.42 0.00	18.75 0.54 0.00	18.32 0.57 0.00	19.13 0.53 0.00	20.14 0.81 0.00	19.24 0.73 0.00	20.52 0.72 0.00	20.65 0.77 0.00	20.51 0.82 0.00	20.55 0.82 0.00	23.63 0.93 0.00	28.84 1.16 0.00	32.76 1.66 0.00	28.23 1.69 0.00	27.03 1.60 0.00	37.87 1.80 0.00	31.88 1.45 0.00	22.62 1.05 0.00
AST_ENERGY_2_CC3 323677	21.85 0.58 0.00	19.24 0.52 0.00	19.68 0.42 0.00	20.55 0.33 0.00	21.42 0.27 0.00	19.94 0.41 0.00	18.75 0.54 0.00	18.33 0.57 0.00	19.12 0.52 0.00	20.13 0.79 0.00	19.25 0.73 0.00	20.51 0.71 0.00	20.64 0.76 0.00	20.50 0.81 0.00	20.55 0.82 0.00	23.61 0.91 0.00	28.83 1.14 0.00	32.73 1.63 0.00	28.19 1.65 0.00	26.99 1.57 0.00	37.85 1.79 0.00	31.87 1.43 0.00	22.61 1.04 0.00
AST_ENERGY_2_CC4 323678	21.85 0.58 0.00	19.24 0.52 0.00	19.68 0.42 0.00	20.55 0.33 0.00	21.42 0.27 0.00	19.94 0.41 0.00	18.75 0.54 0.00	18.33 0.57 0.00	19.12 0.52 0.00	20.13 0.79 0.00	19.25 0.73 0.00	20.51 0.71 0.00	20.64 0.76 0.00	20.50 0.81 0.00	20.55 0.82 0.00	23.61 0.91 0.00	28.83 1.14 0.00	32.73 1.63 0.00	28.19 1.65 0.00	26.99 1.57 0.00	37.85 1.79 0.00	31.87 1.43 0.00	22.61 1.04 0.00
ATHENS_STG_1	21.59	18.99	19.49	20.41	21.28	19.74	18.47	18.04	18.86	19.74	18.87	20.13	20.26	20.09	20.12	23.15	28.32	32.05	27.47	26.29	37.01	31.14	22.10

23668	0.32 0.00	0.26 0.00	0.23 0.00	0.19 0.00	0.13 0.00	0.21 0.00	0.25 0.00	0.29 0.00	0.26 0.00	0.40 0.00	0.36 0.00	0.33 0.00	0.38 0.00	0.40 0.00	0.39 0.00	0.45 0.00	0.64 0.00	0.96 0.00	0.94 0.00	0.86 0.00	0.94 0.00	0.70 0.00	0.54 0.00
ATHENS_STG_2 23670	21.59 0.32 0.00	18.99 0.26 0.00	19.49 0.23 0.00	20.41 0.19 0.00	21.28 0.13 0.00	19.74 0.21 0.00	18.47 0.25 0.00	18.04 0.29 0.00	18.86 0.26 0.00	19.74 0.40 0.00	18.87 0.36 0.00	20.13 0.33 0.00	20.26 0.38 0.00	20.09 0.40 0.00	20.12 0.39 0.00	23.15 0.45 0.00	28.32 0.64 0.00	32.05 0.96 0.00	27.47 0.94 0.00	26.29 0.86 0.00	37.01 0.94 0.00	31.14 0.70 0.00	22.10 0.54 0.00
ATHENS_STG_3 23677	21.59 0.32 0.00	18.99 0.26 0.00	19.49 0.23 0.00	20.41 0.19 0.00	21.28 0.13 0.00	19.74 0.21 0.00	18.47 0.25 0.00	18.04 0.29 0.00	18.86 0.26 0.00	19.74 0.40 0.00	18.87 0.36 0.00	20.13 0.33 0.00	20.26 0.38 0.00	20.09 0.40 0.00	20.12 0.39 0.00	23.15 0.45 0.00	28.32 0.64 0.00	32.05 0.96 0.00	27.47 0.94 0.00	26.29 0.86 0.00	37.01 0.94 0.00	31.14 0.70 0.00	22.10 0.54 0.00
AUBURN___LFGE 323710	21.38 0.11 0.00	18.74 0.01 0.00	19.33 0.07 0.00	20.29 0.07 0.00	21.19 0.04 0.00	19.35 -0.18 0.00	18.02 -0.19 0.00	17.57 -0.19 0.00	18.41 -0.20 0.00	19.25 -0.09 0.00	18.47 -0.05 0.00	19.69 -0.12 0.00	19.75 -0.13 0.00	19.52 -0.17 0.00	19.58 -0.16 0.00	22.54 -0.17 0.00	27.44 -0.24 0.00	30.96 -0.14 0.00	26.53 -0.01 0.00	25.41 -0.02 0.00	35.90 -0.17 0.00	30.21 -0.22 0.00	21.54 -0.03 0.00
BABYLON_RES_REC 323704	22.20 0.93 0.00	19.50 0.78 0.00	19.95 0.69 0.00	20.77 0.55 0.00	21.75 0.60 0.00	20.33 0.79 0.00	18.98 0.76 0.00	18.44 0.69 0.00	19.18 0.58 0.00	20.22 0.88 0.00	19.23 0.72 0.00	20.49 0.69 0.00	20.71 0.83 0.00	20.61 0.92 0.00	20.83 1.09 0.00	24.55 1.37 -0.48	29.48 1.75 -0.06	33.41 2.31 0.00	28.63 2.09 0.00	27.58 2.05 -0.11	38.32 2.25 0.00	32.08 1.64 0.00	22.89 1.32 0.00
BABYLON__69_KV_BK2 356345	22.37 1.10 0.00	19.65 0.93 0.00	20.11 0.85 0.00	20.93 0.71 0.00	21.93 0.78 0.00	20.52 0.99 0.00	19.13 0.92 0.00	18.58 0.82 0.00	19.31 0.72 0.00	20.37 1.04 0.00	19.37 0.86 0.00	20.63 0.82 0.00	20.85 0.97 0.00	20.76 1.08 0.00	21.00 1.26 0.00	24.72 1.58 -0.44	29.76 2.02 -0.05	33.71 2.61 0.00	28.89 2.35 0.00	27.82 2.29 -0.10	38.62 2.56 0.00	32.34 1.90 0.00	23.07 1.50 0.00
BALL_HILL_WT_PWR 323825	20.36 -0.91 0.00	17.96 -0.76 0.00	18.52 -0.74 0.00	19.39 -0.83 0.00	20.28 -0.87 0.00	18.58 -0.96 0.00	17.12 -1.09 0.00	16.46 -1.30 0.00	17.33 -1.27 0.00	17.90 -1.43 0.00	17.24 -1.28 0.00	18.28 -1.53 0.00	18.36 -1.52 0.00	18.22 -1.47 0.00	18.27 -1.46 0.00	21.05 -1.65 0.00	25.36 -2.32 0.00	28.63 -2.47 0.00	24.24 -2.30 0.00	23.25 -2.18 0.00	32.80 -3.27 0.00	28.01 -2.43 0.00	20.31 -1.26 0.00
BARON_WINDS___WT_PWR 323822	20.69 -0.58 0.00	17.99 -0.73 0.00	18.57 -0.69 0.00	19.65 -0.56 0.00	20.67 -0.48 0.00	18.80 -0.74 0.00	17.46 -0.75 0.00	16.87 -0.88 0.00	17.62 -0.98 0.00	18.22 -1.12 0.00	17.43 -1.08 0.00	18.51 -1.29 0.00	18.69 -1.20 0.00	18.47 -1.21 0.00	18.57 -1.16 0.00	21.45 -1.25 0.00	26.05 -1.64 0.00	29.50 -1.60 0.00	25.21 -1.33 0.00	24.37 -1.06 0.00	34.26 -1.80 0.00	29.05 -1.38 0.00	20.97 -0.60 0.00
BARRETT_IC_1 23704	22.11 0.84 0.00	19.43 0.71 0.00	19.87 0.61 0.00	20.70 0.48 0.00	21.65 0.50 0.00	20.19 0.65 0.00	18.87 0.65 0.00	18.36 0.61 0.00	19.11 0.51 0.00	20.22 0.89 0.00	19.26 0.75 0.00	20.56 0.76 0.00	20.72 0.84 0.00	20.65 0.96 0.00	20.79 1.05 -0.01	29.11 1.21 -5.20	29.84 1.56 -0.59	33.21 2.11 0.00	28.48 1.94 0.00	28.46 1.87 -1.17	38.14 2.07 0.00	32.03 1.59 0.00	22.81 1.24 0.00
BARRETT_IC_10 23701	22.11 0.84 0.00	19.43 0.71 0.00	19.87 0.61 0.00	20.70 0.48 0.00	21.65 0.50 0.00	20.19 0.65 0.00	18.87 0.65 0.00	18.36 0.61 0.00	19.11 0.51 0.00	20.22 0.89 0.00	19.26 0.75 0.00	20.56 0.76 0.00	20.72 0.84 0.00	20.65 0.96 0.00	20.79 1.05 -0.01	29.11 1.21 -5.20	29.84 1.56 -0.59	33.21 2.11 0.00	28.48 1.94 0.00	28.46 1.87 -1.17	38.14 2.07 0.00	32.03 1.59 0.00	22.81 1.24 0.00
BARRETT_IC_11 23702	22.11 0.84 0.00	19.43 0.71 0.00	19.87 0.61 0.00	20.70 0.48 0.00	21.65 0.50 0.00	20.19 0.65 0.00	18.87 0.65 0.00	18.36 0.61 0.00	19.11 0.51 0.00	20.22 0.89 0.00	19.26 0.75 0.00	20.56 0.76 0.00	20.72 0.84 0.00	20.65 0.96 0.00	20.79 1.05 -0.01	29.11 1.21 -5.20	29.84 1.56 -0.59	33.21 2.11 0.00	28.48 1.94 0.00	28.46 1.87 -1.17	38.14 2.07 0.00	32.03 1.59 0.00	22.81 1.24 0.00
BARRETT_IC_12 23703	22.11 0.84 0.00	19.43 0.71 0.00	19.87 0.61 0.00	20.70 0.48 0.00	21.65 0.50 0.00	20.19 0.65 0.00	18.87 0.65 0.00	18.36 0.61 0.00	19.11 0.51 0.00	20.22 0.89 0.00	19.26 0.75 0.00	20.56 0.76 0.00	20.72 0.84 0.00	20.65 0.96 0.00	20.79 1.05 -0.01	29.11 1.21 -5.20	29.84 1.56 -0.59	33.21 2.11 0.00	28.48 1.94 0.00	28.46 1.87 -1.17	38.14 2.07 0.00	32.03 1.59 0.00	22.81 1.24 0.00
BARRETT_IC_2 23705	22.11 0.84 0.00	19.43 0.71 0.00	19.87 0.61 0.00	20.70 0.48 0.00	21.65 0.50 0.00	20.19 0.65 0.00	18.87 0.65 0.00	18.36 0.61 0.00	19.11 0.51 0.00	20.22 0.89 0.00	19.26 0.75 0.00	20.56 0.76 0.00	20.72 0.84 0.00	20.65 0.96 0.00	20.79 1.05 -0.01	29.11 1.21 -5.20	29.84 1.56 -0.59	33.21 2.11 0.00	28.48 1.94 0.00	28.46 1.87 -1.17	38.14 2.07 0.00	32.03 1.59 0.00	22.81 1.24 0.00
BARRETT_IC_3 23706	22.11 0.84 0.00	19.43 0.71 0.00	19.87 0.61 0.00	20.70 0.48 0.00	21.65 0.50 0.00	20.19 0.65 0.00	18.87 0.65 0.00	18.36 0.61 0.00	19.11 0.51 0.00	20.22 0.89 0.00	19.26 0.75 0.00	20.56 0.76 0.00	20.72 0.84 0.00	20.65 0.96 0.00	20.79 1.05 -0.01	29.11 1.21 -5.20	29.84 1.56 -0.59	33.21 2.11 0.00	28.48 1.94 0.00	28.46 1.87 -1.17	38.14 2.07 0.00	32.03 1.59 0.00	22.81 1.24 0.00
BARRETT_IC_4 23707	22.11 0.84 0.00	19.43 0.71 0.00	19.87 0.61 0.00	20.70 0.48 0.00	21.65 0.50 0.00	20.19 0.65 0.00	18.87 0.65 0.00	18.36 0.61 0.00	19.11 0.51 0.00	20.22 0.89 0.00	19.26 0.75 0.00	20.56 0.76 0.00	20.72 0.84 0.00	20.65 0.96 0.00	20.79 1.05 -0.01	29.11 1.21 -5.20	29.84 1.56 -0.59	33.21 2.11 0.00	28.48 1.94 0.00	28.46 1.87 -1.17	38.14 2.07 0.00	32.03 1.59 0.00	22.81 1.24 0.00
BARRETT_IC_5	22.11	19.43	19.87	20.70	21.65	20.19	18.87	18.36	19.11	20.22	19.26	20.56	20.72	20.65	20.79	29.11	29.84	33.21	28.48	28.46	38.14	32.03	22.81

23708	0.84 0.00	0.71 0.00	0.61 0.00	0.48 0.00	0.50 0.00	0.65 0.00	0.65 0.00	0.61 0.00	0.51 0.00	0.89 0.00	0.75 0.00	0.76 0.00	0.84 0.00	0.96 0.00	1.05 -0.01	1.21 -5.20	1.56 -0.59	2.11 0.00	1.94 0.00	1.87 -1.17	2.07 0.00	1.59 0.00	1.24 0.00
BARRETT_IC_6 23709	22.11 0.84 0.00	19.43 0.71 0.00	19.87 0.61 0.00	20.70 0.48 0.00	21.65 0.50 0.00	20.19 0.65 0.00	18.87 0.65 0.00	18.36 0.61 0.00	19.11 0.51 0.00	20.22 0.89 0.00	19.26 0.75 0.00	20.56 0.76 0.00	20.72 0.84 0.00	20.65 0.96 0.00	20.79 1.05 -0.01	29.11 1.21 -5.20	29.84 1.56 -0.59	33.21 2.11 0.00	28.48 1.94 0.00	28.46 1.87 -1.17	38.14 2.07 0.00	32.03 1.59 0.00	22.81 1.24 0.00
BARRETT_IC_7 23710	22.11 0.84 0.00	19.42 0.70 0.00	19.87 0.61 0.00	20.69 0.48 0.00	21.65 0.50 0.00	20.19 0.66 0.00	18.87 0.66 0.00	18.36 0.61 0.00	19.11 0.51 0.00	20.22 0.89 0.00	19.26 0.75 0.00	20.56 0.76 0.00	20.72 0.84 0.00	20.65 0.97 0.00	20.79 1.05 -0.01	29.10 1.21 -5.20	29.83 1.56 -0.59	33.21 2.11 0.00	28.48 1.94 0.00	28.47 1.88 -1.16	38.14 2.07 0.00	32.03 1.60 0.00	22.81 1.24 0.00
BARRETT_IC_8 23711	22.11 0.84 0.00	19.43 0.71 0.00	19.87 0.61 0.00	20.70 0.48 0.00	21.65 0.50 0.00	20.19 0.65 0.00	18.87 0.65 0.00	18.36 0.61 0.00	19.11 0.51 0.00	20.22 0.89 0.00	19.26 0.75 0.00	20.56 0.76 0.00	20.72 0.84 0.00	20.65 0.96 0.00	20.79 1.05 -0.01	29.11 1.21 -5.20	29.84 1.56 -0.59	33.21 2.11 0.00	28.48 1.94 0.00	28.46 1.87 -1.17	38.14 2.07 0.00	32.03 1.59 0.00	22.81 1.24 0.00
BARRETT_IC_9 23700	22.11 0.84 0.00	19.43 0.71 0.00	19.87 0.61 0.00	20.70 0.48 0.00	21.65 0.50 0.00	20.19 0.65 0.00	18.87 0.65 0.00	18.36 0.61 0.00	19.11 0.51 0.00	20.22 0.89 0.00	19.26 0.75 0.00	20.56 0.76 0.00	20.72 0.84 0.00	20.65 0.96 0.00	20.79 1.05 -0.01	29.11 1.21 -5.20	29.84 1.56 -0.59	33.21 2.11 0.00	28.48 1.94 0.00	28.46 1.87 -1.17	38.14 2.07 0.00	32.03 1.59 0.00	22.81 1.24 0.00
BARRETT___1 23545	22.11 0.84 0.00	19.43 0.71 0.00	19.87 0.61 0.00	20.70 0.48 0.00	21.65 0.50 0.00	20.19 0.65 0.00	18.87 0.65 0.00	18.36 0.61 0.00	19.11 0.51 0.00	20.22 0.89 0.00	19.26 0.75 0.00	20.56 0.76 0.00	20.72 0.84 0.00	20.65 0.96 0.00	20.79 1.05 -0.01	29.11 1.21 -5.20	29.84 1.56 -0.59	33.21 2.11 0.00	28.48 1.94 0.00	28.46 1.87 -1.17	38.14 2.07 0.00	32.03 1.59 0.00	22.81 1.24 0.00
BARRETT___2 23546	22.11 0.84 0.00	19.43 0.71 0.00	19.87 0.61 0.00	20.70 0.48 0.00	21.65 0.50 0.00	20.19 0.65 0.00	18.87 0.65 0.00	18.36 0.61 0.00	19.11 0.51 0.00	20.22 0.89 0.00	19.26 0.75 0.00	20.56 0.76 0.00	20.72 0.84 0.00	20.65 0.96 0.00	20.79 1.05 -0.01	29.11 1.21 -5.20	29.84 1.56 -0.59	33.21 2.11 0.00	28.48 1.94 0.00	28.46 1.87 -1.17	38.14 2.07 0.00	32.03 1.59 0.00	22.81 1.24 0.00
BATAVIA___115KV_TB1 55881	20.46 -0.81 0.00	18.11 -0.61 0.00	18.65 -0.61 0.00	19.55 -0.67 0.00	20.44 -0.71 0.00	18.71 -0.82 0.00	17.23 -0.98 0.00	16.59 -1.16 0.00	17.52 -1.08 0.00	18.07 -1.27 0.00	17.41 -1.11 0.00	18.50 -1.30 0.00	18.56 -1.32 0.00	18.45 -1.24 0.00	18.51 -1.22 0.00	21.40 -1.30 0.00	25.89 -1.80 0.00	29.22 -1.87 0.00	24.78 -1.76 0.00	23.67 -1.76 0.00	33.42 -2.64 0.00	28.51 -1.93 0.00	20.63 -0.94 0.00
BAYONEEC___CTG1 323682	21.87 0.60 0.00	19.24 0.52 0.00	19.68 0.42 0.00	20.55 0.33 0.00	21.44 0.29 0.00	19.95 0.42 0.00	18.76 0.54 0.00	18.33 0.58 0.00	19.13 0.53 0.00	20.13 0.80 0.00	19.25 0.74 0.00	20.52 0.72 0.00	20.66 0.78 0.00	20.51 0.83 0.00	20.56 0.83 0.00	23.64 0.94 0.00	28.86 1.17 0.00	32.76 1.66 0.00	28.22 1.69 0.00	27.03 1.60 0.00	37.90 1.84 0.00	31.92 1.48 0.00	22.63 1.06 0.00
BAYONEEC___CTG10 323750	21.87 0.60 0.00	19.24 0.52 0.00	19.68 0.42 0.00	20.55 0.33 0.00	21.44 0.29 0.00	19.95 0.42 0.00	18.76 0.54 0.00	18.33 0.58 0.00	19.13 0.53 0.00	20.13 0.80 0.00	19.25 0.74 0.00	20.52 0.72 0.00	20.66 0.78 0.00	20.51 0.83 0.00	20.56 0.83 0.00	23.64 0.94 0.00	28.86 1.17 0.00	32.76 1.66 0.00	28.22 1.69 0.00	27.03 1.60 0.00	37.90 1.84 0.00	31.92 1.48 0.00	22.63 1.06 0.00
BAYONEEC___CTG2 323683	21.87 0.60 0.00	19.24 0.52 0.00	19.68 0.42 0.00	20.55 0.33 0.00	21.44 0.29 0.00	19.95 0.42 0.00	18.76 0.54 0.00	18.33 0.58 0.00	19.13 0.53 0.00	20.13 0.80 0.00	19.25 0.74 0.00	20.52 0.72 0.00	20.66 0.78 0.00	20.51 0.83 0.00	20.56 0.83 0.00	23.64 0.94 0.00	28.86 1.17 0.00	32.76 1.66 0.00	28.22 1.69 0.00	27.03 1.60 0.00	37.90 1.84 0.00	31.92 1.48 0.00	22.63 1.06 0.00
BAYONEEC___CTG3 323684	21.87 0.60 0.00	19.24 0.52 0.00	19.68 0.42 0.00	20.55 0.33 0.00	21.44 0.29 0.00	19.95 0.42 0.00	18.76 0.54 0.00	18.33 0.58 0.00	19.13 0.53 0.00	20.13 0.80 0.00	19.25 0.74 0.00	20.52 0.72 0.00	20.66 0.78 0.00	20.51 0.83 0.00	20.56 0.83 0.00	23.64 0.94 0.00	28.86 1.17 0.00	32.76 1.66 0.00	28.22 1.69 0.00	27.03 1.60 0.00	37.90 1.84 0.00	31.92 1.48 0.00	22.63 1.06 0.00
BAYONEEC___CTG4 323685	21.87 0.60 0.00	19.24 0.52 0.00	19.68 0.42 0.00	20.55 0.33 0.00	21.44 0.29 0.00	19.95 0.42 0.00	18.76 0.54 0.00	18.33 0.58 0.00	19.13 0.53 0.00	20.13 0.80 0.00	19.25 0.74 0.00	20.52 0.72 0.00	20.66 0.78 0.00	20.51 0.83 0.00	20.56 0.83 0.00	23.64 0.94 0.00	28.86 1.17 0.00	32.76 1.66 0.00	28.22 1.69 0.00	27.03 1.60 0.00	37.90 1.84 0.00	31.92 1.48 0.00	22.63 1.06 0.00
BAYONEEC___CTG5 323686	21.87 0.60 0.00	19.24 0.52 0.00	19.68 0.42 0.00	20.55 0.33 0.00	21.44 0.29 0.00	19.95 0.42 0.00	18.76 0.54 0.00	18.33 0.58 0.00	19.13 0.53 0.00	20.13 0.80 0.00	19.25 0.74 0.00	20.52 0.72 0.00	20.66 0.78 0.00	20.51 0.83 0.00	20.56 0.83 0.00	23.64 0.94 0.00	28.86 1.17 0.00	32.76 1.66 0.00	28.22 1.69 0.00	27.03 1.60 0.00	37.90 1.84 0.00	31.92 1.48 0.00	22.63 1.06 0.00
BAYONEEC___CTG6 323687	21.87 0.60 0.00	19.24 0.52 0.00	19.68 0.42 0.00	20.55 0.33 0.00	21.44 0.29 0.00	19.95 0.42 0.00	18.76 0.54 0.00	18.33 0.58 0.00	19.13 0.53 0.00	20.13 0.80 0.00	19.25 0.74 0.00	20.52 0.72 0.00	20.66 0.78 0.00	20.51 0.83 0.00	20.56 0.83 0.00	23.64 0.94 0.00	28.86 1.17 0.00	32.76 1.66 0.00	28.22 1.69 0.00	27.03 1.60 0.00	37.90 1.84 0.00	31.92 1.48 0.00	22.63 1.06 0.00
BAYONEEC___CTG7	21.87	19.24	19.68	20.55	21.44	19.95	18.76	18.33	19.13	20.13	19.25	20.52	20.66	20.51	20.56	23.64	28.86	32.76	28.22	27.03	37.90	31.92	22.63

323688	0.60 0.00	0.52 0.00	0.42 0.00	0.33 0.00	0.29 0.00	0.42 0.00	0.54 0.00	0.58 0.00	0.53 0.00	0.80 0.00	0.74 0.00	0.72 0.00	0.78 0.00	0.83 0.00	0.83 0.00	0.94 0.00	1.17 0.00	1.66 0.00	1.69 0.00	1.60 0.00	1.84 0.00	1.48 0.00	1.06 0.00
BAYONEEC___CTG8 323689	21.87 0.60 0.00	19.24 0.52 0.00	19.68 0.42 0.00	20.55 0.33 0.00	21.44 0.29 0.00	19.95 0.42 0.00	18.76 0.54 0.00	18.33 0.58 0.00	19.13 0.53 0.00	20.13 0.80 0.00	19.25 0.74 0.00	20.52 0.72 0.00	20.66 0.78 0.00	20.51 0.83 0.00	20.56 0.83 0.00	23.64 0.94 0.00	28.86 1.17 0.00	32.76 1.66 0.00	28.22 1.69 0.00	27.03 1.60 0.00	37.90 1.84 0.00	31.92 1.48 0.00	22.63 1.06 0.00
BAYONEEC___CTG9 323749	21.87 0.60 0.00	19.24 0.52 0.00	19.68 0.42 0.00	20.55 0.33 0.00	21.44 0.29 0.00	19.95 0.42 0.00	18.76 0.54 0.00	18.33 0.58 0.00	19.13 0.53 0.00	20.13 0.80 0.00	19.25 0.74 0.00	20.52 0.72 0.00	20.66 0.78 0.00	20.51 0.83 0.00	20.56 0.83 0.00	23.64 0.94 0.00	28.86 1.17 0.00	32.76 1.66 0.00	28.22 1.69 0.00	27.03 1.60 0.00	37.90 1.84 0.00	31.92 1.48 0.00	22.63 1.06 0.00
BEACON___LESR 323632	21.89 0.62 0.00	19.24 0.52 0.00	19.82 0.56 0.00	20.76 0.54 0.00	21.57 0.42 0.00	19.99 0.46 0.00	18.71 0.50 0.00	18.31 0.56 0.00	19.12 0.52 0.00	20.03 0.69 0.00	19.16 0.65 0.00	20.44 0.64 0.00	20.54 0.67 0.00	20.37 0.68 0.00	20.41 0.67 0.00	23.49 0.78 0.00	28.80 1.11 0.00	32.58 1.48 0.00	27.87 1.33 0.00	26.70 1.28 0.00	37.58 1.51 0.00	31.58 1.14 0.00	22.38 0.82 0.00
BEAVER RIVER___HYD 24048	20.44 -0.83 0.00	17.96 -0.76 0.00	18.77 -0.49 0.00	19.90 -0.32 0.00	20.99 -0.16 0.00	19.08 -0.45 0.00	17.64 -0.57 0.00	17.09 -0.66 0.00	18.06 -0.54 0.00	18.67 -0.67 0.00	17.93 -0.58 0.00	19.14 -0.66 0.00	19.11 -0.77 0.00	19.24 -0.82 -0.38	21.19 -0.71 -2.16	22.28 -0.83 -0.41	28.76 -1.05 -2.13	32.47 -1.14 -2.51	28.31 -0.97 -2.74	27.11 -0.99 -2.67	38.17 -1.19 -3.29	32.35 -1.06 -2.98	23.25 -0.78 -2.46
BEEBEE_GT_13 23619	20.54 -0.73 0.00	18.15 -0.58 0.00	18.68 -0.58 0.00	19.59 -0.63 0.00	20.46 -0.69 0.00	18.77 -0.77 0.00	17.35 -0.86 0.00	16.78 -0.97 0.00	17.67 -0.93 0.00	18.34 -0.99 0.00	17.63 -0.89 0.00	18.73 -1.07 0.00	18.82 -1.07 0.00	18.69 -1.00 0.00	18.74 -0.99 0.00	21.63 -1.07 0.00	26.22 -1.46 0.00	29.59 -1.51 0.00	25.15 -1.39 0.00	24.04 -1.39 0.00	34.00 -2.07 0.00	28.86 -1.58 0.00	20.74 -0.83 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.08 0.81 0.00	19.40 0.67 0.00	19.82 0.56 0.00	20.70 0.48 0.00	21.62 0.46 0.00	20.11 0.58 0.00	18.90 0.69 0.00	18.49 0.74 0.00	19.29 0.70 0.00	20.33 0.99 0.00	19.41 0.90 0.00	20.74 0.93 0.00	20.86 0.98 0.00	20.70 1.02 0.00	20.77 1.03 0.00	23.88 1.18 0.00	29.12 1.44 0.00	33.09 1.99 0.00	28.51 1.97 0.00	27.31 1.88 0.00	38.27 2.20 0.00	32.22 1.78 0.00	22.86 1.29 0.00
BETHLEHEM___GRP 23843	21.71 0.44 0.00	19.09 0.37 0.00	19.62 0.36 0.00	20.57 0.35 0.00	21.41 0.26 0.00	19.85 0.32 0.00	18.54 0.33 0.00	18.13 0.37 0.00	18.94 0.34 0.00	19.82 0.49 0.00	18.96 0.44 0.00	20.22 0.42 0.00	20.35 0.47 0.00	20.17 0.49 0.00	20.19 0.46 0.00	23.23 0.53 0.00	28.47 0.78 0.00	32.19 1.10 0.00	27.53 0.99 0.00	26.33 0.90 0.00	37.12 1.05 0.00	31.19 0.76 0.00	22.16 0.59 0.00
BETHLEHEM___GS1 323560	21.71 0.44 0.00	19.09 0.36 0.00	19.62 0.36 0.00	20.57 0.35 0.00	21.42 0.26 0.00	19.85 0.32 0.00	18.54 0.33 0.00	18.13 0.37 0.00	18.94 0.34 0.00	19.82 0.49 0.00	18.96 0.44 0.00	20.23 0.42 0.00	20.35 0.47 0.00	20.17 0.49 0.00	20.19 0.46 0.00	23.23 0.53 0.00	28.47 0.78 0.00	32.19 1.09 0.00	27.53 0.99 0.00	26.32 0.90 0.00	37.12 1.05 0.00	31.19 0.76 0.00	22.16 0.59 0.00
BETHLEHEM___GS2 323561	21.71 0.44 0.00	19.09 0.36 0.00	19.62 0.36 0.00	20.57 0.35 0.00	21.42 0.26 0.00	19.85 0.32 0.00	18.54 0.33 0.00	18.13 0.37 0.00	18.94 0.34 0.00	19.82 0.49 0.00	18.96 0.44 0.00	20.23 0.42 0.00	20.35 0.47 0.00	20.17 0.49 0.00	20.19 0.46 0.00	23.23 0.53 0.00	28.47 0.78 0.00	32.19 1.09 0.00	27.53 0.99 0.00	26.32 0.90 0.00	37.12 1.05 0.00	31.19 0.76 0.00	22.16 0.59 0.00
BETHLEHEM___GS3 323562	21.71 0.44 0.00	19.09 0.36 0.00	19.62 0.36 0.00	20.57 0.35 0.00	21.42 0.26 0.00	19.85 0.32 0.00	18.54 0.33 0.00	18.13 0.37 0.00	18.94 0.34 0.00	19.82 0.49 0.00	18.96 0.44 0.00	20.23 0.42 0.00	20.35 0.47 0.00	20.17 0.49 0.00	20.19 0.46 0.00	23.23 0.53 0.00	28.47 0.78 0.00	32.19 1.09 0.00	27.53 0.99 0.00	26.32 0.90 0.00	37.12 1.05 0.00	31.19 0.76 0.00	22.16 0.59 0.00
BETHLEHEM___STEEL 23779	20.32 -0.95 0.00	18.00 -0.72 0.00	18.54 -0.72 0.00	19.41 -0.80 0.00	20.27 -0.88 0.00	18.56 -0.98 0.00	17.06 -1.15 0.00	16.40 -1.35 0.00	17.29 -1.31 0.00	17.83 -1.51 0.00	17.17 -1.34 0.00	18.22 -1.58 0.00	18.29 -1.59 0.00	18.17 -1.51 0.00	18.21 -1.53 0.00	21.02 -1.69 0.00	25.33 -2.35 0.00	28.57 -2.53 0.00	24.17 -2.37 0.00	23.14 -2.29 0.00	32.70 -3.37 0.00	27.95 -2.49 0.00	20.29 -1.27 0.00
BETHLHEM_115KV_TB1 79974	21.69 0.42 0.00	19.07 0.35 0.00	19.60 0.34 0.00	20.55 0.33 0.00	21.40 0.25 0.00	19.84 0.30 0.00	18.52 0.31 0.00	18.11 0.36 0.00	18.92 0.32 0.00	19.80 0.47 0.00	18.94 0.42 0.00	20.20 0.40 0.00	20.33 0.45 0.00	20.15 0.47 0.00	20.17 0.44 0.00	23.21 0.51 0.00	28.43 0.75 0.00	32.15 1.05 0.00	27.50 0.96 0.00	26.30 0.87 0.00	37.07 1.00 0.00	31.17 0.73 0.00	22.14 0.57 0.00
BETHPAGE_CC_5 323564	22.21 0.94 0.00	19.51 0.79 0.00	19.96 0.70 0.00	20.79 0.57 0.00	21.76 0.60 0.00	20.32 0.79 0.00	18.98 0.77 0.00	18.46 0.71 0.00	19.22 0.62 0.00	20.28 0.94 0.00	19.30 0.78 0.00	20.59 0.78 0.00	20.77 0.89 0.00	20.69 1.00 0.00	20.85 1.12 0.00	24.72 1.37 -0.64	29.46 1.71 -0.07	33.35 2.26 0.00	28.61 2.06 0.00	27.58 2.01 -0.14	38.29 2.22 0.00	32.09 1.65 0.00	22.91 1.34 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.45 -0.82 0.00	18.11 -0.62 0.00	18.66 -0.61 0.00	19.53 -0.69 0.00	20.39 -0.76 0.00	18.66 -0.87 0.00	17.17 -1.04 0.00	16.52 -1.24 0.00	17.40 -1.20 0.00	17.95 -1.39 0.00	17.28 -1.23 0.00	18.34 -1.46 0.00	18.41 -1.47 0.00	18.30 -1.39 0.00	18.33 -1.40 0.00	21.16 -1.54 0.00	25.51 -2.18 0.00	28.75 -2.34 0.00	24.33 -2.21 0.00	23.30 -2.13 0.00	32.92 -3.15 0.00	28.13 -2.31 0.00	20.42 -1.15 0.00
BINGHAMTON___COGEN	21.20	18.62	19.16	20.08	20.97	19.28	18.00	17.53	18.36	19.16	18.36	19.55	19.67	19.46	19.56	22.53	27.39	30.92	26.43	25.38	35.76	30.20	21.56

23790	-0.07 0.00	-0.10 0.00	-0.10 0.00	-0.14 0.00	-0.18 0.00	-0.25 0.00	-0.21 0.00	-0.23 0.00	-0.24 0.00	-0.17 0.00	-0.16 0.00	-0.26 0.00	-0.21 0.00	-0.22 0.00	-0.18 0.00	-0.17 0.00	-0.30 0.00	-0.17 0.00	-0.11 0.00	-0.04 0.00	-0.30 0.00	-0.23 0.00	-0.01 0.00
BIXINCNT_115KV_LOAD 355685	20.70 -0.58 0.00	18.36 -0.36 0.00	18.94 -0.32 0.00	19.76 -0.45 0.00	20.52 -0.64 0.00	18.75 -0.78 0.00	17.29 -0.92 0.00	16.67 -1.09 0.00	17.46 -1.14 0.00	17.94 -1.40 0.00	17.23 -1.28 0.00	18.32 -1.49 0.00	18.36 -1.52 0.00	18.39 -1.30 0.00	18.25 -1.49 0.00	21.07 -1.63 0.00	25.42 -1.26 0.00	28.53 -2.57 0.00	24.11 -2.43 0.00	23.08 -2.35 0.00	32.59 -3.48 0.00	27.92 -2.51 0.00	20.19 -1.38 0.00
BLACK RIVER___HYD 24047	20.33 -0.94 0.00	17.90 -0.82 0.00	18.70 -0.56 0.00	19.82 -0.40 0.00	20.90 -0.25 0.00	18.86 -0.67 0.00	17.39 -0.82 0.00	16.85 -0.90 0.00	17.81 -0.79 0.00	18.46 -0.87 0.00	17.77 -0.74 0.00	18.92 -0.89 0.00	18.89 -0.99 0.00	18.93 -1.03 -0.26	20.35 -0.90 -1.51	21.99 -1.00 -0.29	27.96 -1.22 -1.49	31.65 -1.21 -1.76	27.42 -1.03 -1.92	26.29 -1.01 -1.87	37.06 -1.31 -2.31	31.31 -1.21 -2.09	22.46 -0.83 -1.73
BLACKRVR_115KV_TB2 79977	20.33 -0.94 0.00	17.90 -0.82 0.00	18.70 -0.56 0.00	19.82 -0.40 0.00	20.90 -0.25 0.00	18.86 -0.67 0.00	17.39 -0.82 0.00	16.85 -0.90 0.00	17.81 -0.79 0.00	18.46 -0.87 0.00	17.77 -0.74 0.00	18.91 -0.89 0.00	18.89 -0.99 0.00	18.93 -1.03 -0.26	20.35 -0.90 -1.51	21.99 -1.00 -0.29	27.96 -1.22 -1.49	31.65 -1.21 -1.76	27.42 -1.03 -1.92	26.29 -1.01 -1.87	37.06 -1.31 -2.31	31.32 -1.21 -2.09	22.46 -0.83 -1.73
BLISS_WT_PWR 323608	20.64 -0.63 0.00	18.32 -0.40 0.00	18.89 -0.37 0.00	19.72 -0.50 0.00	20.44 -0.71 0.00	18.66 -0.87 0.00	17.21 -1.01 0.00	16.59 -1.16 0.00	17.35 -1.25 0.00	17.79 -1.55 0.00	17.08 -1.43 0.00	18.15 -1.65 0.00	18.18 -1.70 0.00	18.26 -1.43 0.00	18.07 -1.67 0.00	20.87 -1.84 0.00	25.20 -2.48 0.00	28.22 -2.88 0.00	23.84 -2.70 0.00	22.81 -2.62 0.00	32.19 -3.88 0.00	27.60 -2.84 0.00	19.95 -1.62 0.00
BLUESTONE___WT_PWR 323821	22.23 0.96 0.00	19.61 0.89 0.00	20.14 0.88 0.00	21.00 0.78 0.00	21.62 0.47 0.00	19.11 -0.42 0.00	18.06 -0.15 0.00	17.72 -0.03 0.00	18.71 0.11 0.00	19.79 0.46 0.00	18.59 0.08 0.00	19.83 0.02 0.00	19.85 -0.03 0.00	19.35 -0.34 0.00	19.75 0.01 0.00	22.58 -0.13 0.00	27.29 -0.39 0.00	30.75 -0.35 0.00	26.35 -0.19 0.00	25.21 -0.21 0.00	35.46 -0.61 0.00	29.88 -0.55 0.00	21.53 -0.04 0.00
BLUE_CIRC_CHEM_DRP 24182	21.77 0.50 0.00	19.15 0.43 0.00	19.68 0.42 0.00	20.64 0.43 0.00	21.51 0.35 0.00	19.93 0.40 0.00	18.59 0.38 0.00	18.17 0.42 0.00	19.00 0.40 0.00	19.86 0.52 0.00	18.99 0.48 0.00	20.26 0.46 0.00	20.38 0.50 0.00	20.21 0.53 0.00	20.23 0.50 0.00	23.26 0.56 0.00	28.50 0.81 0.00	32.20 1.10 0.00	27.51 0.97 0.00	26.31 0.88 0.00	37.13 1.06 0.00	31.23 0.79 0.00	22.18 0.61 0.00
BOC_GAS_DRP 24189	21.58 0.30 0.00	18.98 0.26 0.00	19.49 0.23 0.00	20.44 0.22 0.00	21.30 0.15 0.00	19.74 0.21 0.00	18.44 0.22 0.00	18.01 0.26 0.00	18.83 0.23 0.00	19.69 0.35 0.00	18.83 0.32 0.00	20.09 0.28 0.00	20.21 0.33 0.00	20.04 0.35 0.00	20.06 0.33 0.00	23.08 0.37 0.00	28.25 0.56 0.00	31.93 0.83 0.00	27.32 0.78 0.00	26.13 0.71 0.00	36.85 0.78 0.00	31.01 0.57 0.00	22.02 0.45 0.00
BOONVILLE_115KV_TB1 79983	21.26 -0.01 0.00	18.70 -0.02 0.00	19.37 0.11 0.00	20.41 0.19 0.00	21.40 0.25 0.00	19.62 0.08 0.00	18.23 0.02 0.00	17.73 -0.03 0.00	18.64 0.04 0.00	19.38 0.04 0.00	18.57 0.06 0.00	19.83 0.03 0.00	19.86 -0.02 0.00	19.80 -0.03 -0.14	20.61 0.05 -0.82	22.90 0.04 -0.16	28.57 0.07 -0.81	32.21 0.16 -0.96	27.76 0.18 -1.04	26.56 0.12 -1.02	37.51 0.18 -1.25	31.66 0.08 -1.14	22.56 0.05 -0.94
BORALEX_4TH_BRANCH 23824	21.56 0.29 0.00	18.97 0.25 0.00	19.52 0.26 0.00	20.49 0.27 0.00	21.23 0.08 0.00	19.75 0.22 0.00	18.47 0.25 0.00	18.10 0.35 0.00	18.90 0.30 0.00	19.72 0.39 0.00	18.86 0.35 0.00	20.08 0.28 0.00	20.23 0.35 0.00	20.05 0.36 0.00	20.00 0.26 0.00	23.05 0.34 0.00	28.46 0.77 0.00	32.24 1.14 0.00	27.51 0.96 0.00	26.29 0.86 0.00	36.99 0.92 0.00	30.99 0.55 0.00	22.00 0.43 0.00
BOWLINE___1 23526	21.85 0.58 0.00	19.20 0.48 0.00	19.67 0.41 0.00	20.56 0.34 0.00	21.45 0.30 0.00	19.95 0.42 0.00	18.71 0.50 0.00	18.28 0.53 0.00	19.08 0.48 0.00	20.06 0.73 0.00	19.17 0.66 0.00	20.44 0.64 0.00	20.59 0.71 0.00	20.42 0.73 0.00	20.47 0.74 0.00	23.55 0.85 0.00	28.77 1.09 0.00	32.67 1.57 0.00	28.09 1.55 0.00	26.88 1.46 0.00	37.75 1.69 0.00	31.79 1.36 0.00	22.57 1.00 0.00
BOWLINE___2 23595	21.85 0.58 0.00	19.20 0.48 0.00	19.67 0.41 0.00	20.56 0.34 0.00	21.45 0.30 0.00	19.95 0.42 0.00	18.71 0.50 0.00	18.28 0.53 0.00	19.08 0.48 0.00	20.06 0.73 0.00	19.17 0.66 0.00	20.44 0.64 0.00	20.59 0.71 0.00	20.42 0.73 0.00	20.47 0.74 0.00	23.55 0.85 0.00	28.77 1.09 0.00	32.67 1.57 0.00	28.09 1.55 0.00	26.88 1.46 0.00	37.75 1.69 0.00	31.80 1.36 0.00	22.57 1.00 0.00
BRADY___115KV_TB2 356060	21.29 0.02 0.00	18.76 0.04 0.00	19.37 0.11 0.00	20.44 0.22 0.00	21.55 0.40 0.00	20.05 0.52 0.00	18.69 0.48 0.00	18.17 0.42 0.00	19.11 0.51 0.00	19.61 0.28 0.00	18.77 0.26 0.00	20.16 0.36 0.00	20.13 0.24 0.00	20.30 0.16 -0.45	22.49 0.19 -2.57	23.46 0.27 -0.49	30.38 0.16 -2.53	34.03 -0.05 -2.99	29.66 -0.14 -3.26	28.45 -0.16 -3.18	40.10 0.12 -3.92	34.29 0.31 -3.54	24.59 0.08 -2.93
BRANSCOMB___SOLAR 323811	21.85 0.58 0.00	19.21 0.49 0.00	19.77 0.50 0.00	20.73 0.51 0.00	21.55 0.39 0.00	20.02 0.49 0.00	18.72 0.51 0.00	18.35 0.60 0.00	19.17 0.57 0.00	19.99 0.66 0.00	19.06 0.55 0.00	20.35 0.55 0.00	20.47 0.60 0.00	20.31 0.62 0.00	20.34 0.61 0.00	23.43 0.73 0.00	28.83 1.15 0.00	32.68 1.58 0.00	27.90 1.36 0.00	26.65 1.22 0.00	37.49 1.42 0.00	31.48 1.05 0.00	22.33 0.76 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.28 1.01 0.00	19.58 0.86 0.00	20.03 0.77 0.00	20.84 0.62 0.00	21.86 0.71 0.00	20.45 0.92 0.00	19.07 0.86 0.00	18.51 0.76 0.00	19.24 0.64 0.00	20.31 0.98 0.00	19.31 0.80 0.00	20.55 0.74 0.00	20.75 0.87 0.00	20.67 0.99 0.00	20.90 1.16 0.00	24.42 1.45 -0.27	29.58 1.87 -0.03	33.54 2.44 0.00	28.73 2.19 0.00	27.64 2.15 -0.06	38.40 2.33 0.00	32.15 1.71 0.00	22.97 1.40 0.00
BRISTLHL_115KV_TB1	20.94	18.44	18.96	19.88	20.74	19.01	17.67	17.21	18.05	18.85	18.08	19.27	19.33	19.19	19.24	22.13	26.98	30.40	25.96	24.84	35.11	29.64	21.12



79998	-0.34 0.00	-0.28 0.00	-0.30 0.00	-0.34 0.00	-0.42 0.00	-0.52 0.00	-0.54 0.00	-0.54 0.00	-0.55 0.00	-0.49 0.00	-0.43 0.00	-0.53 0.00	-0.55 0.00	-0.50 0.00	-0.49 0.00	-0.57 0.00	-0.71 0.00	-0.70 0.00	-0.58 0.00	-0.59 0.00	-0.95 0.00	-0.80 0.00	-0.45 0.00
BROOKHAVEN___DRP 24191	22.04 0.77 0.00	19.38 0.65 0.00	19.86 0.60 0.00	20.64 0.43 0.00	21.75 0.59 0.00	20.47 0.93 0.00	19.05 0.84 0.00	18.41 0.66 0.00	19.04 0.44 0.00	20.05 0.72 0.00	19.05 0.54 0.00	20.22 0.41 0.00	20.35 0.47 0.00	20.38 0.69 0.00	20.56 0.83 0.00	24.01 1.08 -0.23	29.19 1.47 -0.03	33.14 2.04 0.00	28.36 1.82 0.00	27.25 1.77 -0.05	37.88 1.82 0.00	31.71 1.27 0.00	22.64 1.07 0.00
BROOKLYN_NAVY_YARD 23515	21.89 0.62 0.00	19.27 0.54 0.00	19.70 0.44 0.00	20.57 0.35 0.00	21.45 0.30 0.00	19.97 0.44 0.00	18.77 0.56 0.00	18.34 0.59 0.00	19.15 0.54 0.00	20.15 0.82 0.00	19.28 0.77 0.00	20.54 0.74 0.00	20.68 0.80 0.00	20.54 0.85 0.00	20.59 0.86 0.00	23.66 0.96 0.00	28.89 1.20 0.00	32.80 1.71 0.00	28.26 1.72 0.00	27.06 1.63 0.00	37.95 1.89 0.00	31.95 1.52 0.00	22.65 1.08 0.00
BROOKLYN___ARMY_DRP 323595	21.97 0.70 0.00	19.31 0.59 0.00	19.73 0.47 0.00	20.62 0.40 0.00	21.52 0.37 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.23 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.60 0.91 0.00	20.66 0.92 0.00	23.76 1.06 0.00	28.97 1.28 0.00	32.91 1.81 0.00	28.36 1.82 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.62 0.00	22.74 1.17 0.00
BROOKVLE_69_KV_TB1 55790	22.31 1.04 0.00	19.60 0.87 0.00	20.05 0.78 0.00	20.88 0.66 0.00	21.84 0.69 0.00	20.38 0.85 0.00	19.07 0.86 0.00	18.57 0.81 0.00	19.34 0.74 0.00	20.39 1.06 0.00	19.43 0.92 0.00	20.74 0.94 0.00	20.92 1.04 0.00	20.84 1.16 0.00	20.98 1.25 0.00	25.33 1.50 -1.13	29.71 1.89 -0.13	33.58 2.48 0.00	28.81 2.27 0.00	27.88 2.20 -0.25	38.58 2.52 0.00	32.34 1.91 0.00	23.05 1.48 0.00
BROOME_2_LFGE 323671	21.20 -0.07 0.00	18.62 -0.10 0.00	19.16 -0.10 0.00	20.08 -0.14 0.00	20.97 -0.18 0.00	19.28 -0.25 0.00	18.00 -0.21 0.00	17.53 -0.23 0.00	18.36 -0.24 0.00	19.16 -0.18 0.00	18.36 -0.16 0.00	19.55 -0.26 0.00	19.67 -0.21 0.00	19.47 -0.22 0.00	19.56 -0.18 0.00	22.53 -0.17 0.00	27.39 -0.29 0.00	30.92 -0.17 0.00	26.43 -0.11 0.00	25.38 -0.04 0.00	35.76 -0.31 0.00	30.20 -0.24 0.00	21.56 -0.01 0.00
BROOME___LFGE 323600	21.20 -0.07 0.00	18.62 -0.10 0.00	19.16 -0.10 0.00	20.08 -0.14 0.00	20.97 -0.18 0.00	19.28 -0.25 0.00	18.00 -0.21 0.00	17.53 -0.23 0.00	18.36 -0.24 0.00	19.16 -0.18 0.00	18.36 -0.16 0.00	19.55 -0.26 0.00	19.67 -0.21 0.00	19.47 -0.22 0.00	19.56 -0.18 0.00	22.53 -0.17 0.00	27.39 -0.29 0.00	30.92 -0.17 0.00	26.43 -0.11 0.00	25.38 -0.04 0.00	35.76 -0.31 0.00	30.20 -0.24 0.00	21.56 -0.01 0.00
BROWNFLS_115KV_TB_3_5 80003	20.37 -0.90 0.00	17.91 -0.81 0.00	18.64 -0.62 0.00	19.74 -0.48 0.00	20.84 -0.32 0.00	19.14 -0.39 0.00	17.77 -0.45 0.00	17.24 -0.51 0.00	18.19 -0.41 0.00	18.73 -0.61 0.00	17.96 -0.55 0.00	19.23 -0.57 0.00	19.17 -0.71 0.00	19.58 -0.78 -0.68	22.89 -0.71 -3.87	22.64 -0.80 -0.74	30.40 -1.10 -3.81	34.28 -1.32 -4.49	30.28 -1.16 -4.90	29.06 -1.16 -4.79	40.59 -1.37 -5.89	34.69 -1.09 -5.33	25.13 -0.85 -4.41
BROWNSV1_27_KV_LOAD 356125	22.09 0.82 0.00	19.42 0.70 0.00	19.86 0.60 0.00	20.74 0.52 0.00	21.64 0.48 0.00	20.13 0.60 0.00	18.92 0.71 0.00	18.50 0.74 0.00	19.31 0.71 0.00	20.32 0.98 0.00	19.43 0.91 0.00	20.73 0.93 0.00	20.87 0.99 0.00	20.73 1.04 0.00	20.78 1.04 0.00	23.89 1.19 0.00	29.17 1.48 0.00	33.12 2.02 0.00	28.53 1.99 0.00	27.31 1.89 0.00	38.32 2.25 0.00	32.24 1.81 0.00	22.87 1.30 0.00
BURROWS___LYONSDAL 23803	21.05 -0.22 0.00	18.50 -0.22 0.00	19.22 -0.04 0.00	20.30 0.08 0.00	21.32 0.17 0.00	19.48 -0.05 0.00	18.08 -0.13 0.00	17.56 -0.19 0.00	18.49 -0.11 0.00	19.18 -0.15 0.00	18.40 -0.11 0.00	19.65 -0.16 0.00	19.67 -0.22 0.00	19.63 -0.24 -0.19	20.68 -0.14 -1.08	22.72 -0.19 -0.21	28.53 -0.23 -1.07	32.17 -0.19 -1.26	27.79 -0.12 -1.37	26.59 -0.18 -1.34	37.55 -0.17 -1.65	31.71 -0.22 -1.50	22.64 -0.17 -1.24
CAITHNESS_CC_1 323624	22.04 0.77 0.00	19.38 0.66 0.00	19.86 0.60 0.00	20.64 0.42 0.00	21.72 0.56 0.00	20.41 0.88 0.00	19.01 0.80 0.00	18.39 0.64 0.00	19.05 0.44 0.00	20.07 0.73 0.00	19.07 0.56 0.00	20.25 0.45 0.00	20.39 0.51 0.00	20.40 0.72 0.00	20.60 0.86 0.00	24.03 1.10 -0.23	29.19 1.48 -0.03	33.13 2.03 0.00	28.36 1.82 0.00	27.26 1.78 -0.05	37.89 1.82 0.00	31.73 1.30 0.00	22.65 1.08 0.00
CALPINE BETH_PAGE_GT4 24209	22.21 0.94 0.00	19.51 0.79 0.00	19.96 0.70 0.00	20.79 0.57 0.00	21.77 0.61 0.00	20.32 0.79 0.00	18.99 0.77 0.00	18.47 0.72 0.00	19.23 0.62 0.00	20.28 0.95 0.00	19.31 0.79 0.00	20.60 0.79 0.00	20.79 0.91 0.00	20.70 1.01 0.00	20.87 1.13 0.00	24.90 1.37 -0.83	29.45 1.67 -0.09	33.31 2.22 0.00	28.57 2.03 0.00	27.59 1.98 -0.18	38.24 2.17 0.00	32.05 1.62 0.00	22.91 1.35 0.00
CALPINE_BETH_PAGE_GT_4 323586	22.22 0.94 0.00	19.52 0.80 0.00	19.96 0.70 0.00	20.79 0.57 0.00	21.76 0.61 0.00	20.32 0.79 0.00	18.99 0.77 0.00	18.47 0.72 0.00	19.23 0.62 0.00	20.28 0.95 0.00	19.31 0.79 0.00	20.60 0.79 0.00	20.79 0.91 0.00	20.70 1.01 0.00	20.86 1.13 0.00	24.90 1.37 -0.83	29.44 1.67 -0.09	33.31 2.22 0.00	28.57 2.03 0.00	27.59 1.98 -0.18	38.24 2.17 0.00	32.05 1.61 0.00	22.91 1.35 0.00
CALPINE_BP_GT1 23823	22.22 0.94 0.00	19.52 0.80 0.00	19.96 0.70 0.00	20.79 0.57 0.00	21.76 0.61 0.00	20.32 0.79 0.00	18.99 0.77 0.00	18.47 0.72 0.00	19.23 0.62 0.00	20.28 0.95 0.00	19.31 0.79 0.00	20.60 0.79 0.00	20.79 0.91 0.00	20.70 1.01 0.00	20.86 1.13 0.00	24.90 1.37 -0.83	29.44 1.67 -0.09	33.31 2.22 0.00	28.57 2.03 0.00	27.59 1.98 -0.18	38.24 2.17 0.00	32.05 1.61 0.00	22.91 1.35 0.00
CALSPAN___DRP 24200	20.32 -0.95 0.00	18.00 -0.72 0.00	18.54 -0.72 0.00	19.41 -0.80 0.00	20.27 -0.88 0.00	18.56 -0.98 0.00	17.06 -1.15 0.00	16.40 -1.35 0.00	17.29 -1.31 0.00	17.83 -1.51 0.00	17.17 -1.34 0.00	18.22 -1.58 0.00	18.29 -1.59 0.00	18.17 -1.51 0.00	18.21 -1.53 0.00	21.02 -1.69 0.00	25.33 -2.35 0.00	28.57 -2.53 0.00	24.17 -2.37 0.00	23.14 -2.29 0.00	32.70 -3.37 0.00	27.95 -2.49 0.00	20.29 -1.27 0.00
CALVERTON___SOLAR	22.06	19.40	19.90	20.67	21.79	20.52	19.10	18.44	19.06	20.06	19.05	20.20	20.31	20.36	20.55	24.00	29.19	33.17	28.38	27.27	37.89	31.72	22.64

323806	0.79 0.00	0.68 0.00	0.64 0.00	0.45 0.00	0.64 0.00	0.99 0.00	0.89 0.00	0.69 0.00	0.45 0.00	0.72 0.00	0.54 0.00	0.40 0.00	0.43 0.00	0.67 0.00	0.82 0.00	1.07 -0.23	1.47 -0.03	2.07 0.00	1.84 0.00	1.79 -0.05	1.83 0.00	1.29 0.00	1.07 0.00
CANDIGU_WT_PWR 323617	20.69 -0.58 0.00	17.99 -0.73 0.00	18.57 -0.69 0.00	19.65 -0.56 0.00	20.67 -0.48 0.00	18.80 -0.74 0.00	17.46 -0.75 0.00	16.87 -0.88 0.00	17.62 -0.98 0.00	18.22 -1.12 0.00	17.43 -1.08 0.00	18.51 -1.29 0.00	18.69 -1.20 0.00	18.47 -1.21 0.00	18.57 -1.16 0.00	21.45 -1.25 0.00	26.05 -1.64 0.00	29.50 -1.60 0.00	25.21 -1.33 0.00	24.37 -1.06 0.00	34.26 -1.80 0.00	29.05 -1.38 0.00	20.97 -0.60 0.00
CARR STREET_E_SYR 24060	21.08 -0.19 0.00	18.55 -0.17 0.00	19.08 -0.18 0.00	20.01 -0.21 0.00	20.87 -0.28 0.00	19.14 -0.40 0.00	17.81 -0.41 0.00	17.34 -0.41 0.00	18.18 -0.42 0.00	18.98 -0.36 0.00	18.21 -0.30 0.00	19.40 -0.40 0.00	19.49 -0.39 0.00	19.33 -0.36 0.00	19.39 -0.34 0.00	22.28 -0.41 0.00	27.08 -0.61 0.00	30.42 -0.68 0.00	25.98 -0.56 0.00	24.87 -0.56 0.00	35.22 -0.84 0.00	29.85 -0.58 0.00	21.30 -0.28 0.00
CARTHAGE___PAPER 23857	20.53 -0.75 0.00	18.05 -0.67 0.00	18.87 -0.39 0.00	20.01 -0.21 0.00	21.11 -0.05 0.00	19.14 -0.39 0.00	17.67 -0.54 0.00	17.13 -0.62 0.00	18.10 -0.50 0.00	18.73 -0.61 0.00	18.00 -0.52 0.00	19.20 -0.60 0.00	19.17 -0.71 0.00	19.23 -0.76 -0.31	20.86 -0.64 -1.76	22.32 -0.72 -0.34	28.53 -0.90 -1.74	32.22 -0.93 -2.05	27.98 -0.79 -2.23	26.80 -0.81 -2.18	37.78 -0.97 -2.69	31.97 -0.89 -2.43	22.92 -0.66 -2.01
CASSADAGA_WT_PWR 323784	20.73 -0.54 0.00	18.20 -0.52 0.00	18.80 -0.46 0.00	19.65 -0.57 0.00	20.58 -0.57 0.00	18.87 -0.66 0.00	17.35 -0.86 0.00	16.61 -1.15 0.00	17.48 -1.12 0.00	18.01 -1.33 0.00	17.34 -1.17 0.00	18.34 -1.46 0.00	18.43 -1.45 0.00	18.31 -1.38 0.00	18.41 -1.32 0.00	21.23 -1.47 0.00	25.56 -2.12 0.00	28.91 -2.19 0.00	24.58 -1.96 0.00	23.61 -1.81 0.00	33.23 -2.84 0.00	28.35 -2.09 0.00	20.52 -1.05 0.00
CE_DUNWOOD___DRP 24194	21.90 0.63 0.00	19.25 0.53 0.00	19.71 0.45 0.00	20.60 0.38 0.00	21.49 0.34 0.00	19.99 0.46 0.00	18.75 0.54 0.00	18.32 0.57 0.00	19.12 0.52 0.00	20.11 0.77 0.00	19.21 0.70 0.00	20.50 0.69 0.00	20.64 0.76 0.00	20.49 0.80 0.00	20.54 0.81 0.00	23.62 0.93 0.00	28.87 1.19 0.00	32.77 1.67 0.00	28.18 1.64 0.00	26.98 1.55 0.00	37.86 1.79 0.00	31.85 1.42 0.00	22.61 1.04 0.00
CE_MILLWOOD___DRP 24193	21.89 0.62 0.00	19.23 0.51 0.00	19.69 0.43 0.00	20.58 0.36 0.00	21.48 0.33 0.00	19.97 0.44 0.00	18.74 0.52 0.00	18.31 0.56 0.00	19.11 0.51 0.00	20.09 0.75 0.00	19.20 0.68 0.00	20.48 0.67 0.00	20.62 0.74 0.00	20.46 0.78 0.00	20.51 0.78 0.00	23.60 0.90 0.00	28.84 1.16 0.00	32.73 1.64 0.00	28.15 1.61 0.00	26.95 1.52 0.00	37.81 1.75 0.00	31.83 1.39 0.00	22.59 1.02 0.00
CE_NYC2_DRP 24202	21.90 0.62 0.00	19.25 0.53 0.00	19.68 0.41 0.00	20.56 0.34 0.00	21.46 0.30 0.00	19.97 0.43 0.00	18.76 0.55 0.00	18.34 0.59 0.00	19.15 0.54 0.00	20.16 0.83 0.00	19.26 0.75 0.00	20.54 0.74 0.00	20.67 0.79 0.00	20.52 0.84 0.00	20.58 0.84 0.00	23.66 0.96 0.00	28.87 1.18 0.00	32.79 1.70 0.00	28.25 1.71 0.00	27.05 1.62 0.00	37.90 1.84 0.00	31.91 1.48 0.00	22.64 1.08 0.00
CE_NYC_DRP 24195	21.90 0.62 0.00	19.25 0.53 0.00	19.70 0.43 0.00	20.57 0.35 0.00	21.46 0.31 0.00	19.97 0.44 0.00	18.77 0.56 0.00	18.35 0.60 0.00	19.15 0.54 0.00	20.15 0.82 0.00	19.27 0.76 0.00	20.54 0.74 0.00	20.68 0.80 0.00	20.54 0.85 0.00	20.58 0.85 0.00	23.67 0.97 0.00	28.89 1.21 0.00	32.80 1.70 0.00	28.26 1.72 0.00	27.05 1.63 0.00	37.94 1.87 0.00	31.94 1.50 0.00	22.65 1.08 0.00
CHAFFEE___LFGE 323603	20.42 -0.85 0.00	18.06 -0.66 0.00	18.60 -0.66 0.00	19.50 -0.72 0.00	20.37 -0.78 0.00	18.64 -0.89 0.00	17.16 -1.06 0.00	16.50 -1.25 0.00	17.40 -1.20 0.00	17.97 -1.37 0.00	17.30 -1.22 0.00	18.35 -1.46 0.00	18.42 -1.46 0.00	18.30 -1.39 0.00	18.34 -1.39 0.00	21.17 -1.53 0.00	25.53 -2.16 0.00	28.81 -2.29 0.00	24.39 -2.15 0.00	23.35 -2.08 0.00	32.99 -3.08 0.00	28.20 -2.24 0.00	20.45 -1.12 0.00
CHATEAUG_35_KV_LOAD 355732	20.91 -0.36 0.00	18.23 -0.50 0.00	19.14 -0.12 0.00	20.46 0.25 0.00	21.68 0.52 0.00	20.19 0.66 0.00	18.93 0.72 0.00	18.45 0.70 0.00	19.39 0.79 0.00	19.91 0.57 0.00	18.97 0.46 0.00	20.21 0.40 0.00	19.77 -0.11 0.00	12.28 -0.53 6.88	-20.11 -0.54 39.30	14.58 -0.56 7.56	-11.89 -0.82 38.76	-15.73 -1.14 45.70	-24.34 -1.08 49.80	-24.30 -1.06 48.66	-25.03 -1.19 59.91	-24.68 -0.91 54.20	-24.06 -0.79 44.84
CHATEAUG_WT_PWR 323614	20.84 -0.43 0.00	18.13 -0.59 0.00	19.06 -0.20 0.00	20.41 0.19 0.00	21.61 0.46 0.00	20.14 0.61 0.00	18.88 0.67 0.00	18.40 0.65 0.00	19.34 0.74 0.00	19.85 0.52 0.00	18.92 0.41 0.00	20.15 0.35 0.00	19.69 -0.19 0.00	12.66 -0.63 6.40	-17.49 -0.68 36.55	14.97 -0.70 7.03	-9.35 -1.00 36.04	-12.74 -1.35 42.50	-21.03 -1.26 46.31	-21.07 -1.24 45.26	-21.13 -1.48 55.71	-21.13 -1.15 50.41	-21.08 -0.95 41.70
CHAT_HIGH_FALL_HYD 323578	20.91 -0.36 0.00	18.23 -0.50 0.00	19.14 -0.12 0.00	20.46 0.25 0.00	21.68 0.52 0.00	20.19 0.66 0.00	18.93 0.72 0.00	18.45 0.70 0.00	19.39 0.79 0.00	19.91 0.57 0.00	18.97 0.46 0.00	20.21 0.40 0.00	19.77 -0.11 0.00	12.28 -0.53 6.88	-20.11 -0.54 39.30	14.58 -0.56 7.56	-11.89 -0.82 38.76	-15.73 -1.14 45.70	-24.34 -1.08 49.80	-24.30 -1.06 48.66	-25.03 -1.19 59.91	-24.68 -0.91 54.20	-24.06 -0.79 44.84
CHAUTAUQUA___LFGE 323629	20.47 -0.80 0.00	18.02 -0.70 0.00	18.58 -0.68 0.00	19.44 -0.78 0.00	20.36 -0.80 0.00	18.66 -0.87 0.00	17.21 -1.00 0.00	16.52 -1.23 0.00	17.39 -1.21 0.00	17.95 -1.38 0.00	17.29 -1.23 0.00	18.31 -1.49 0.00	18.40 -1.48 0.00	18.25 -1.44 0.00	18.33 -1.41 0.00	21.12 -1.58 0.00	25.45 -2.23 0.00	28.76 -2.34 0.00	24.38 -2.16 0.00	23.43 -2.00 0.00	32.97 -3.10 0.00	28.12 -2.32 0.00	20.37 -1.20 0.00
CHERRYST_13_KV_LD 356241	21.95 0.67 0.00	19.30 0.58 0.00	19.75 0.48 0.00	20.62 0.40 0.00	21.51 0.36 0.00	20.02 0.49 0.00	18.81 0.60 0.00	18.39 0.64 0.00	19.19 0.59 0.00	20.20 0.87 0.00	19.31 0.80 0.00	20.60 0.79 0.00	20.73 0.85 0.00	20.59 0.90 0.00	20.64 0.91 0.00	23.73 1.03 0.00	28.97 1.28 0.00	32.88 1.78 0.00	28.32 1.78 0.00	27.12 1.69 0.00	38.03 1.97 0.00	32.02 1.58 0.00	22.71 1.15 0.00
CHESTROR_138KV_BK263	21.77	19.14	19.62	20.51	21.41	19.88	18.64	18.21	19.01	19.95	19.06	20.33	20.48	20.30	20.36	23.43	28.62	32.47	27.90	26.70	37.52	31.59	22.42

355645	0.50 0.00	0.41 0.00	0.36 0.00	0.30 0.00	0.25 0.00	0.35 0.00	0.43 0.00	0.45 0.00	0.41 0.00	0.61 0.00	0.55 0.00	0.53 0.00	0.60 0.00	0.62 0.00	0.63 0.00	0.74 0.00	0.94 0.00	1.37 0.00	1.36 0.00	1.27 0.00	1.45 0.00	1.15 0.00	0.85 0.00
CH_MIDHUDSON___DRP 24192	21.88 0.61 0.00	19.23 0.51 0.00	19.71 0.45 0.00	20.63 0.41 0.00	21.51 0.36 0.00	19.99 0.45 0.00	18.73 0.52 0.00	18.31 0.56 0.00	19.13 0.52 0.00	20.05 0.72 0.00	19.17 0.66 0.00	20.45 0.64 0.00	20.58 0.70 0.00	20.42 0.74 0.00	20.46 0.73 0.00	23.55 0.85 0.00	28.83 1.14 0.00	32.72 1.62 0.00	28.10 1.55 0.00	26.88 1.45 0.00	37.74 1.67 0.00	31.72 1.28 0.00	22.51 0.94 0.00
CH_MISC_IPPS 23765	22.02 0.74 0.00	19.35 0.63 0.00	19.83 0.57 0.00	20.74 0.52 0.00	21.63 0.48 0.00	20.11 0.57 0.00	18.84 0.63 0.00	18.41 0.66 0.00	19.23 0.63 0.00	20.18 0.84 0.00	19.30 0.78 0.00	20.58 0.78 0.00	20.73 0.85 0.00	20.55 0.87 0.00	20.59 0.86 0.00	23.72 1.02 0.00	29.03 1.34 0.00	32.94 1.85 0.00	28.30 1.76 0.00	27.07 1.64 0.00	38.02 1.95 0.00	31.95 1.52 0.00	22.67 1.10 0.00
CH_RES_BVR_FALLS 23983	20.95 -0.32 0.00	18.49 -0.23 0.00	19.09 -0.17 0.00	20.15 -0.06 0.00	21.18 0.03 0.00	19.52 -0.01 0.00	18.16 -0.05 0.00	17.63 -0.12 0.00	18.53 -0.07 0.00	19.13 -0.21 0.00	18.33 -0.18 0.00	19.67 -0.14 0.00	19.67 -0.21 0.00	19.45 -0.24 0.00	19.48 -0.26 0.00	22.41 -0.29 0.00	27.26 -0.42 0.00	30.43 -0.67 0.00	25.89 -0.65 0.00	24.82 -0.60 0.00	35.48 -0.58 0.00	30.00 -0.43 0.00	21.20 -0.37 0.00
CH_RES_NIAGARA 23895	19.57 -1.70 0.00	17.37 -1.36 0.00	17.89 -1.37 0.00	18.78 -1.44 0.00	19.62 -1.53 0.00	17.94 -1.60 0.00	16.45 -1.77 0.00	15.76 -1.99 0.00	16.66 -1.94 0.00	17.16 -2.18 0.00	16.50 -2.02 0.00	17.41 -2.40 0.00	17.46 -2.43 0.00	17.35 -2.34 0.00	17.39 -2.35 0.00	20.08 -2.62 0.00	24.20 -3.48 0.00	27.30 -3.80 0.00	23.08 -3.46 0.00	22.05 -3.38 0.00	31.19 -4.87 0.00	26.74 -3.70 0.00	19.53 -2.04 0.00
CH_RES_SYRACUSE 23985	21.23 -0.04 0.00	18.67 -0.05 0.00	19.22 -0.04 0.00	20.16 -0.06 0.00	21.03 -0.12 0.00	19.27 -0.26 0.00	17.94 -0.27 0.00	17.48 -0.27 0.00	18.32 -0.28 0.00	19.14 -0.20 0.00	18.36 -0.15 0.00	19.57 -0.23 0.00	19.66 -0.23 0.00	19.48 -0.21 0.00	19.54 -0.19 0.00	22.47 -0.23 0.00	27.37 -0.31 0.00	30.83 -0.27 0.00	26.35 -0.19 0.00	25.22 -0.21 0.00	35.66 -0.41 0.00	30.09 -0.35 0.00	21.45 -0.12 0.00
CLINTON_WT_PWR 323605	20.84 -0.43 0.00	18.13 -0.59 0.00	19.06 -0.20 0.00	20.41 0.19 0.00	21.61 0.46 0.00	20.14 0.61 0.00	18.88 0.67 0.00	18.40 0.65 0.00	19.34 0.74 0.00	19.85 0.52 0.00	18.92 0.41 0.00	20.15 0.35 0.00	19.69 -0.19 0.00	12.66 -0.63 6.40	-17.49 -0.68 36.55	14.97 -0.70 7.03	-9.35 -1.00 36.04	-12.74 -1.35 42.50	-21.03 -1.26 46.31	-21.07 -1.24 45.26	-21.13 -1.48 55.71	-21.13 -1.15 50.41	-21.08 -0.95 41.70
CLINTON___LFGE 323618	21.15 -0.12 0.00	18.42 -0.30 0.00	19.32 0.06 0.00	20.67 0.45 0.00	21.87 0.72 0.00	20.38 0.84 0.00	19.12 0.91 0.00	18.65 0.90 0.00	19.61 1.01 0.00	20.14 0.80 0.00	19.18 0.67 0.00	20.43 0.63 0.00	19.99 0.11 0.00	12.84 -0.33 6.52	-17.91 -0.38 37.27	15.19 -0.35 7.17	-9.61 -0.54 36.75	-13.02 -0.79 43.33	-21.46 -0.77 47.22	-21.48 -0.76 46.15	-21.59 -0.84 56.81	-21.59 -0.62 51.40	-21.51 -0.56 42.52
COBBLENY_34_KV_TB1 80064	20.42 -0.85 0.00	18.08 -0.64 0.00	18.62 -0.64 0.00	19.50 -0.72 0.00	20.37 -0.78 0.00	18.65 -0.88 0.00	17.16 -1.06 0.00	16.51 -1.24 0.00	17.40 -1.20 0.00	17.97 -1.37 0.00	17.30 -1.22 0.00	18.35 -1.46 0.00	18.43 -1.45 0.00	18.30 -1.39 0.00	18.34 -1.39 0.00	21.18 -1.52 0.00	25.53 -2.16 0.00	28.81 -2.29 0.00	24.39 -2.15 0.00	23.35 -2.08 0.00	32.98 -3.09 0.00	28.19 -2.25 0.00	20.44 -1.13 0.00
COFFEEN___115KV_TB3 355620	20.43 -0.84 0.00	17.98 -0.74 0.00	18.77 -0.49 0.00	19.88 -0.34 0.00	20.96 -0.19 0.00	18.93 -0.60 0.00	17.47 -0.74 0.00	16.94 -0.82 0.00	17.90 -0.70 0.00	18.56 -0.78 0.00	17.86 -0.65 0.00	19.00 -0.81 0.00	18.98 -0.90 0.00	19.02 -0.93 -0.26	20.40 -0.80 -1.47	22.12 -0.87 -0.28	28.09 -1.04 -1.45	31.82 -0.99 -1.71	27.56 -0.84 -1.86	26.41 -0.83 -1.82	37.23 -1.08 -2.24	31.44 -1.02 -2.02	22.54 -0.71 -1.67
COLDSPRG_115KV_BK1 355956	21.21 -0.06 0.00	18.65 -0.07 0.00	19.28 0.02 0.00	20.15 -0.07 0.00	21.08 -0.07 0.00	19.35 -0.18 0.00	17.87 -0.35 0.00	17.17 -0.58 0.00	18.05 -0.55 0.00	18.69 -0.64 0.00	18.01 -0.50 0.00	19.15 -0.66 0.00	19.27 -0.61 0.00	19.11 -0.58 0.00	19.19 -0.54 0.00	22.14 -0.56 0.00	26.63 -1.06 0.00	30.12 -0.97 0.00	25.60 -0.94 0.00	24.57 -0.85 0.00	34.65 -1.41 0.00	29.62 -0.81 0.00	21.41 -0.15 0.00
COLONIE_LFGE___ 323577	21.64 0.37 0.00	19.03 0.31 0.00	19.57 0.31 0.00	20.52 0.31 0.00	21.34 0.18 0.00	19.81 0.28 0.00	18.51 0.30 0.00	18.12 0.36 0.00	18.93 0.33 0.00	19.77 0.44 0.00	18.90 0.39 0.00	20.15 0.34 0.00	20.28 0.40 0.00	20.11 0.42 0.00	20.11 0.38 0.00	23.15 0.45 0.00	28.46 0.77 0.00	32.21 1.11 0.00	27.52 0.98 0.00	26.30 0.87 0.00	37.04 0.98 0.00	31.11 0.67 0.00	22.08 0.51 0.00
COOPERNY_115KV_TB1 80082	21.64 0.37 0.00	19.02 0.30 0.00	19.51 0.25 0.00	20.42 0.20 0.00	21.32 0.17 0.00	19.77 0.24 0.00	18.51 0.30 0.00	18.07 0.31 0.00	18.88 0.28 0.00	19.78 0.44 0.00	18.91 0.39 0.00	20.17 0.37 0.00	20.30 0.42 0.00	20.12 0.43 0.00	20.18 0.45 0.00	23.22 0.52 0.00	28.34 0.66 0.00	32.08 0.98 0.00	27.53 0.99 0.00	26.36 0.93 0.00	37.11 1.05 0.00	31.26 0.83 0.00	22.20 0.63 0.00
COPENHAGEN_WT_PWR 323753	20.19 -1.08 0.00	17.78 -0.94 0.00	18.62 -0.64 0.00	19.75 -0.46 0.00	20.85 -0.30 0.00	18.71 -0.82 0.00	17.22 -0.99 0.00	16.67 -1.08 0.00	17.63 -0.97 0.00	18.29 -1.05 0.00	17.62 -0.89 0.00	18.73 -1.08 0.00	18.70 -1.18 0.00	18.71 -1.21 -0.24	20.04 -1.08 -1.39	21.74 -1.22 -0.27	27.56 -1.50 -1.37	31.21 -1.50 -1.62	27.01 -1.30 -1.76	25.91 -1.23 -1.72	36.58 -1.61 -2.12	30.90 -1.46 -1.92	22.15 -1.00 -1.59
CORNELL_____ 23752	21.57 0.30 0.00	18.95 0.23 0.00	19.50 0.24 0.00	20.44 0.22 0.00	21.33 0.18 0.00	19.57 0.04 0.00	18.26 0.05 0.00	17.80 0.04 0.00	18.66 0.06 0.00	19.48 0.14 0.00	18.65 0.14 0.00	19.85 0.04 0.00	19.94 0.06 0.00	19.75 0.07 0.00	19.84 0.11 0.00	22.87 0.17 0.00	27.87 0.18 0.00	31.46 0.37 0.00	26.94 0.40 0.00	25.82 0.39 0.00	36.40 0.34 0.00	30.68 0.25 0.00	21.88 0.31 0.00
CORONAAV_69_KV_TB1	22.22	19.52	19.97	20.81	21.77	20.29	18.98	18.48	19.25	20.32	19.36	20.68	20.83	20.77	20.90	27.42	29.80	33.39	28.68	28.24	38.42	32.24	22.95

355595	0.96 0.00	0.80 0.00	0.70 0.00	0.59 0.00	0.61 0.00	0.76 0.00	0.77 0.00	0.73 0.00	0.64 0.00	0.99 0.00	0.85 0.00	0.88 0.00	0.95 0.00	1.08 0.00	1.16 0.00	1.37 -3.35	1.74 -0.38	2.29 0.00	2.14 0.00	2.07 -0.75	2.36 0.00	1.81 0.00	1.38 0.00
CORTLAND_115KV_TB3 80093	21.39 0.12 0.00	18.80 0.08 0.00	19.35 0.08 0.00	20.28 0.06 0.00	21.16 0.01 0.00	19.44 -0.09 0.00	18.14 -0.07 0.00	17.67 -0.08 0.00	18.53 -0.07 0.00	19.33 0.00 0.00	18.53 0.02 0.00	19.72 -0.09 0.00	19.82 -0.07 0.00	19.63 -0.06 0.00	19.72 -0.02 0.00	22.71 0.01 0.00	27.67 -0.01 0.00	31.22 0.12 0.00	26.70 0.16 0.00	25.59 0.16 0.00	36.11 0.05 0.00	30.46 0.02 0.00	21.71 0.14 0.00
COXSACKIE___GT 23611	22.81 1.53 0.00	20.03 1.30 0.00	20.60 1.34 0.00	21.61 1.39 0.00	22.51 1.36 0.00	20.88 1.34 0.00	19.49 1.28 0.00	19.09 1.33 0.00	19.92 1.32 0.00	20.88 1.55 0.00	19.93 1.41 0.00	21.23 1.43 0.00	21.31 1.43 0.00	21.22 1.53 0.00	21.27 1.53 0.00	24.35 1.65 0.00	30.15 2.47 0.00	34.17 3.08 0.00	29.19 2.65 0.00	27.83 2.41 0.00	39.19 3.12 0.00	32.84 2.41 0.00	23.28 1.72 0.00
CPV_VALLEY___CC1 323721	21.64 0.37 0.00	19.02 0.30 0.00	19.50 0.24 0.00	20.40 0.18 0.00	21.29 0.13 0.00	19.76 0.23 0.00	18.52 0.31 0.00	18.09 0.34 0.00	18.89 0.29 0.00	19.81 0.48 0.00	18.94 0.43 0.00	20.21 0.40 0.00	20.34 0.46 0.00	20.17 0.48 0.00	20.22 0.49 0.00	23.26 0.56 0.00	28.40 0.72 0.00	32.19 1.10 0.00	27.65 1.11 0.00	26.46 1.04 0.00	37.21 1.15 0.00	31.34 0.90 0.00	22.25 0.69 0.00
CPV_VALLEY___CC2 323722	21.64 0.37 0.00	19.02 0.30 0.00	19.50 0.24 0.00	20.40 0.18 0.00	21.29 0.13 0.00	19.76 0.23 0.00	18.52 0.31 0.00	18.09 0.34 0.00	18.89 0.29 0.00	19.81 0.48 0.00	18.94 0.43 0.00	20.21 0.40 0.00	20.34 0.46 0.00	20.17 0.48 0.00	20.22 0.49 0.00	23.26 0.56 0.00	28.40 0.72 0.00	32.19 1.10 0.00	27.65 1.11 0.00	26.46 1.04 0.00	37.21 1.15 0.00	31.34 0.90 0.00	22.25 0.69 0.00
CRESCENT___HYD 24018	21.64 0.37 0.00	19.03 0.31 0.00	19.57 0.31 0.00	20.52 0.31 0.00	21.34 0.18 0.00	19.81 0.28 0.00	18.51 0.30 0.00	18.12 0.36 0.00	18.93 0.33 0.00	19.77 0.44 0.00	18.90 0.39 0.00	20.15 0.34 0.00	20.28 0.40 0.00	20.11 0.42 0.00	20.11 0.38 0.00	23.15 0.45 0.00	28.46 0.77 0.00	32.21 1.11 0.00	27.52 0.98 0.00	26.30 0.87 0.00	37.04 0.98 0.00	31.11 0.67 0.00	22.08 0.51 0.00
CRICKET___VALLEY_CC1 323756	21.66 0.38 0.00	19.05 0.33 0.00	19.54 0.28 0.00	20.47 0.25 0.00	21.30 0.14 0.00	19.79 0.26 0.00	18.54 0.33 0.00	18.16 0.40 0.00	18.98 0.38 0.00	19.86 0.53 0.00	18.97 0.46 0.00	20.22 0.42 0.00	20.35 0.47 0.00	20.20 0.51 0.00	20.22 0.49 0.00	23.24 0.54 0.00	28.52 0.83 0.00	32.41 1.32 0.00	27.81 1.27 0.00	26.59 1.17 0.00	37.28 1.22 0.00	31.30 0.86 0.00	22.23 0.66 0.00
CRICKET___VALLEY_CC2 323757	21.66 0.38 0.00	19.05 0.33 0.00	19.54 0.28 0.00	20.47 0.25 0.00	21.30 0.14 0.00	19.79 0.26 0.00	18.54 0.33 0.00	18.16 0.40 0.00	18.98 0.38 0.00	19.86 0.53 0.00	18.97 0.46 0.00	20.22 0.42 0.00	20.35 0.47 0.00	20.20 0.51 0.00	20.22 0.49 0.00	23.24 0.54 0.00	28.52 0.83 0.00	32.41 1.32 0.00	27.81 1.27 0.00	26.59 1.17 0.00	37.28 1.22 0.00	31.30 0.86 0.00	22.23 0.66 0.00
CRICKET___VALLEY_CC3 323758	21.66 0.38 0.00	19.05 0.33 0.00	19.54 0.28 0.00	20.47 0.25 0.00	21.30 0.14 0.00	19.79 0.26 0.00	18.54 0.33 0.00	18.16 0.40 0.00	18.98 0.38 0.00	19.86 0.53 0.00	18.97 0.46 0.00	20.22 0.42 0.00	20.35 0.47 0.00	20.20 0.51 0.00	20.22 0.49 0.00	23.24 0.54 0.00	28.52 0.83 0.00	32.41 1.32 0.00	27.81 1.27 0.00	26.59 1.17 0.00	37.28 1.22 0.00	31.30 0.86 0.00	22.23 0.66 0.00
CRUCIBLE_METL_DRP 24180	21.23 -0.04 0.00	18.68 -0.05 0.00	19.22 -0.04 0.00	20.16 -0.06 0.00	21.03 -0.12 0.00	19.27 -0.25 0.00	17.94 -0.27 0.00	17.48 -0.27 0.00	18.32 -0.28 0.00	19.14 -0.20 0.00	18.36 -0.15 0.00	19.57 -0.23 0.00	19.66 -0.23 0.00	19.48 -0.21 0.00	19.54 -0.19 0.00	22.47 -0.23 0.00	27.37 -0.32 0.00	30.83 -0.27 0.00	26.34 -0.20 0.00	25.22 -0.21 0.00	35.65 -0.41 0.00	30.09 -0.35 0.00	21.45 -0.12 0.00
DAHOWA___HYDRO 323763	21.88 0.61 0.00	19.24 0.52 0.00	19.79 0.53 0.00	20.76 0.54 0.00	21.57 0.42 0.00	20.06 0.52 0.00	18.76 0.54 0.00	18.41 0.66 0.00	19.23 0.63 0.00	20.05 0.72 0.00	19.11 0.60 0.00	20.40 0.60 0.00	20.52 0.65 0.00	20.35 0.67 0.00	20.38 0.65 0.00	23.50 0.80 0.00	28.94 1.25 0.00	32.81 1.71 0.00	28.00 1.46 0.00	26.73 1.31 0.00	37.59 1.52 0.00	31.58 1.14 0.00	22.40 0.83 0.00
DANC___LFGE 323619	20.44 -0.83 0.00	18.00 -0.72 0.00	18.71 -0.55 0.00	19.76 -0.46 0.00	20.75 -0.40 0.00	18.79 -0.74 0.00	17.37 -0.85 0.00	16.85 -0.90 0.00	17.77 -0.84 0.00	18.47 -0.86 0.00	17.77 -0.74 0.00	18.91 -0.90 0.00	18.92 -0.97 0.00	18.88 -0.97 0.00	19.82 -0.87 0.00	21.89 -0.99 0.00	27.41 -1.23 0.00	30.98 -1.23 0.00	26.70 -1.05 0.00	25.60 -1.01 0.00	36.13 -1.40 0.00	30.52 -1.25 0.00	21.85 -0.82 0.00
DANSKAMMER___1 23586	22.02 0.74 0.00	19.35 0.63 0.00	19.83 0.57 0.00	20.74 0.52 0.00	21.63 0.48 0.00	20.11 0.57 0.00	18.84 0.63 0.00	18.41 0.66 0.00	19.23 0.63 0.00	20.18 0.84 0.00	19.30 0.78 0.00	20.58 0.78 0.00	20.73 0.85 0.00	20.55 0.87 0.00	20.59 0.86 0.00	23.72 1.02 0.00	29.03 1.34 0.00	32.94 1.85 0.00	28.30 1.76 0.00	27.07 1.64 0.00	38.02 1.95 0.00	31.95 1.52 0.00	22.67 1.10 0.00
DANSKAMMER___2 23589	22.02 0.74 0.00	19.35 0.63 0.00	19.83 0.57 0.00	20.74 0.52 0.00	21.63 0.48 0.00	20.11 0.57 0.00	18.84 0.63 0.00	18.41 0.66 0.00	19.23 0.63 0.00	20.18 0.84 0.00	19.30 0.78 0.00	20.58 0.78 0.00	20.73 0.85 0.00	20.55 0.87 0.00	20.59 0.86 0.00	23.72 1.02 0.00	29.03 1.34 0.00	32.94 1.85 0.00	28.30 1.76 0.00	27.07 1.64 0.00	38.02 1.95 0.00	31.95 1.52 0.00	22.67 1.10 0.00
DANSKAMMER___3 23590	22.02 0.74 0.00	19.35 0.63 0.00	19.83 0.57 0.00	20.74 0.52 0.00	21.63 0.48 0.00	20.11 0.57 0.00	18.84 0.63 0.00	18.41 0.66 0.00	19.23 0.63 0.00	20.18 0.84 0.00	19.30 0.78 0.00	20.58 0.78 0.00	20.73 0.85 0.00	20.55 0.87 0.00	20.59 0.86 0.00	23.72 1.02 0.00	29.03 1.34 0.00	32.94 1.85 0.00	28.30 1.76 0.00	27.07 1.64 0.00	38.02 1.95 0.00	31.95 1.52 0.00	22.67 1.10 0.00
DANSKAMMER___4	22.02	19.35	19.83	20.74	21.63	20.11	18.84	18.41	19.23	20.18	19.30	20.58	20.73	20.55	20.59	23.72	29.03	32.94	28.30	27.07	38.02	31.95	22.67

23591	0.74 0.00	0.63 0.00	0.57 0.00	0.52 0.00	0.48 0.00	0.57 0.00	0.63 0.00	0.66 0.00	0.63 0.00	0.84 0.00	0.78 0.00	0.78 0.00	0.85 0.00	0.87 0.00	0.86 0.00	1.02 0.00	1.34 0.00	1.85 0.00	1.76 0.00	1.64 0.00	1.95 0.00	1.52 0.00	1.10 0.00
DANSKAMMER___DIESEL 23592	22.02 0.75 0.00	19.35 0.62 0.00	19.83 0.57 0.00	20.74 0.52 0.00	21.63 0.48 0.00	20.11 0.57 0.00	18.84 0.63 0.00	18.42 0.66 0.00	19.23 0.63 0.00	20.18 0.84 0.00	19.30 0.78 0.00	20.58 0.78 0.00	20.73 0.85 0.00	20.56 0.87 0.00	20.59 0.86 0.00	23.72 1.02 0.00	29.03 1.34 0.00	32.94 1.85 0.00	28.30 1.76 0.00	27.07 1.64 0.00	38.02 1.95 0.00	31.96 1.52 0.00	22.67 1.10 0.00
DARBY___SOLAR 323810	21.87 0.60 0.00	19.23 0.51 0.00	19.78 0.52 0.00	20.75 0.53 0.00	21.56 0.41 0.00	20.04 0.51 0.00	18.74 0.52 0.00	18.37 0.62 0.00	19.19 0.59 0.00	20.01 0.68 0.00	19.08 0.57 0.00	20.37 0.57 0.00	20.49 0.61 0.00	20.32 0.64 0.00	20.35 0.62 0.00	23.46 0.75 0.00	28.87 1.18 0.00	32.71 1.61 0.00	27.93 1.39 0.00	26.67 1.25 0.00	37.52 1.46 0.00	31.49 1.06 0.00	22.34 0.77 0.00
DASHVILLE___HYD 23610	21.66 0.39 0.00	19.04 0.32 0.00	19.50 0.24 0.00	20.39 0.17 0.00	21.27 0.12 0.00	19.77 0.24 0.00	18.54 0.33 0.00	18.12 0.37 0.00	18.93 0.33 0.00	19.85 0.52 0.00	18.99 0.48 0.00	20.25 0.45 0.00	20.40 0.53 0.00	20.23 0.54 0.00	20.26 0.53 0.00	23.34 0.64 0.00	28.54 0.86 0.00	32.39 1.30 0.00	27.86 1.32 0.00	26.65 1.22 0.00	37.42 1.35 0.00	31.47 1.03 0.00	22.31 0.75 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	22.36 1.09 0.00	19.64 0.92 0.00	20.15 0.89 0.00	20.93 0.71 0.00	22.08 0.93 0.00	20.82 1.28 0.00	19.36 1.15 0.00	18.69 0.94 0.00	19.29 0.69 0.00	20.28 0.94 0.00	19.25 0.74 0.00	20.35 0.55 0.00	20.35 0.47 0.00	20.41 0.72 0.00	20.61 0.88 0.00	24.10 1.16 -0.23	29.29 1.59 -0.03	33.36 2.26 0.00	28.59 2.05 0.00	27.42 1.95 -0.05	38.12 2.06 0.00	31.87 1.44 0.00	22.74 1.17 0.00
DELAWARE___LFGE 323621	21.71 0.44 0.00	19.10 0.37 0.00	19.62 0.36 0.00	20.56 0.34 0.00	21.47 0.32 0.00	19.79 0.26 0.00	18.50 0.28 0.00	18.04 0.29 0.00	18.90 0.30 0.00	19.75 0.42 0.00	18.90 0.38 0.00	20.16 0.35 0.00	20.26 0.37 0.00	20.05 0.36 0.00	20.12 0.39 0.00	23.14 0.44 0.00	28.21 0.53 0.00	31.85 0.76 0.00	27.29 0.75 0.00	26.13 0.70 0.00	36.85 0.79 0.00	31.07 0.64 0.00	22.09 0.52 0.00
DERFIELD_115KV_TB7 355931	21.31 0.03 0.00	18.75 0.03 0.00	19.28 0.02 0.00	20.23 0.01 0.00	21.13 -0.02 0.00	19.52 -0.02 0.00	18.21 -0.01 0.00	17.76 0.00 0.00	18.59 -0.01 0.00	19.37 0.04 0.00	18.55 0.04 0.00	19.82 0.01 0.00	19.91 0.03 0.00	19.73 0.04 0.00	19.77 0.04 0.00	22.74 0.04 0.00	27.77 0.09 0.00	31.29 0.19 0.00	26.73 0.19 0.00	25.60 0.17 0.00	36.21 0.15 0.00	30.52 0.08 0.00	21.64 0.07 0.00
DOGLEVILLE___HYD 23807	20.86 -0.41 0.00	18.45 -0.27 0.00	18.88 -0.38 0.00	19.80 -0.42 0.00	20.66 -0.49 0.00	19.17 -0.36 0.00	17.93 -0.29 0.00	17.53 -0.22 0.00	18.33 -0.27 0.00	19.15 -0.18 0.00	18.29 -0.22 0.00	19.54 -0.27 0.00	19.61 -0.27 0.00	19.45 -0.23 0.00	19.44 -0.29 0.00	22.38 -0.32 0.00	27.55 -0.14 0.00	31.31 0.21 0.00	26.91 0.37 0.00	25.76 0.33 0.00	36.14 0.08 0.00	30.20 -0.23 0.00	21.38 -0.18 0.00
DUNKIRK___115KV_TB_200 55889	20.45 -0.82 0.00	18.02 -0.70 0.00	18.58 -0.68 0.00	19.43 -0.79 0.00	20.33 -0.82 0.00	18.64 -0.89 0.00	17.20 -1.02 0.00	16.53 -1.23 0.00	17.39 -1.21 0.00	17.96 -1.37 0.00	17.30 -1.22 0.00	18.33 -1.48 0.00	18.42 -1.46 0.00	18.26 -1.42 0.00	18.34 -1.40 0.00	21.14 -1.57 0.00	25.46 -2.22 0.00	28.77 -2.32 0.00	24.38 -2.16 0.00	23.42 -2.00 0.00	32.97 -3.09 0.00	28.13 -2.31 0.00	20.38 -1.19 0.00
DUNKIRK___1 23563	20.45 -0.82 0.00	18.02 -0.70 0.00	18.58 -0.68 0.00	19.43 -0.79 0.00	20.33 -0.82 0.00	18.64 -0.89 0.00	17.20 -1.02 0.00	16.53 -1.23 0.00	17.39 -1.21 0.00	17.96 -1.37 0.00	17.30 -1.22 0.00	18.33 -1.48 0.00	18.42 -1.46 0.00	18.26 -1.42 0.00	18.34 -1.40 0.00	21.14 -1.57 0.00	25.46 -2.22 0.00	28.77 -2.32 0.00	24.38 -2.16 0.00	23.42 -2.00 0.00	32.97 -3.09 0.00	28.13 -2.31 0.00	20.38 -1.19 0.00
DUNKIRK___2 23564	20.45 -0.82 0.00	18.02 -0.70 0.00	18.58 -0.68 0.00	19.43 -0.79 0.00	20.33 -0.82 0.00	18.64 -0.89 0.00	17.20 -1.02 0.00	16.53 -1.23 0.00	17.39 -1.21 0.00	17.96 -1.37 0.00	17.30 -1.22 0.00	18.33 -1.48 0.00	18.42 -1.46 0.00	18.26 -1.42 0.00	18.34 -1.40 0.00	21.14 -1.57 0.00	25.46 -2.22 0.00	28.77 -2.32 0.00	24.38 -2.16 0.00	23.42 -2.00 0.00	32.97 -3.09 0.00	28.13 -2.31 0.00	20.38 -1.19 0.00
DUNKIRK___3 23565	20.40 -0.87 0.00	18.00 -0.72 0.00	18.55 -0.71 0.00	19.41 -0.81 0.00	20.30 -0.85 0.00	18.61 -0.92 0.00	17.16 -1.05 0.00	16.51 -1.24 0.00	17.37 -1.23 0.00	17.95 -1.38 0.00	17.29 -1.23 0.00	18.33 -1.48 0.00	18.41 -1.47 0.00	18.26 -1.43 0.00	18.33 -1.41 0.00	21.13 -1.57 0.00	25.46 -2.23 0.00	28.74 -2.35 0.00	24.35 -2.19 0.00	23.39 -2.04 0.00	32.95 -3.12 0.00	28.12 -2.31 0.00	20.38 -1.19 0.00
DUNKIRK___4 23566	20.40 -0.87 0.00	18.00 -0.72 0.00	18.55 -0.71 0.00	19.41 -0.81 0.00	20.30 -0.85 0.00	18.61 -0.92 0.00	17.16 -1.05 0.00	16.51 -1.24 0.00	17.37 -1.23 0.00	17.95 -1.38 0.00	17.29 -1.23 0.00	18.33 -1.48 0.00	18.41 -1.47 0.00	18.26 -1.43 0.00	18.33 -1.41 0.00	21.13 -1.57 0.00	25.46 -2.23 0.00	28.74 -2.35 0.00	24.35 -2.19 0.00	23.39 -2.04 0.00	32.95 -3.12 0.00	28.12 -2.31 0.00	20.38 -1.19 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.91 0.64 0.00	19.27 0.55 0.00	19.73 0.47 0.00	20.61 0.39 0.00	21.51 0.35 0.00	20.01 0.48 0.00	18.77 0.56 0.00	18.34 0.59 0.00	19.14 0.54 0.00	20.13 0.79 0.00	19.24 0.73 0.00	20.53 0.72 0.00	20.67 0.79 0.00	20.52 0.84 0.00	20.58 0.84 0.00	23.67 0.96 0.00	28.91 1.23 0.00	32.82 1.73 0.00	28.22 1.69 0.00	27.03 1.60 0.00	37.92 1.85 0.00	31.90 1.46 0.00	22.64 1.07 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.88 0.61 0.00	19.23 0.50 0.00	19.70 0.44 0.00	20.60 0.38 0.00	21.51 0.35 0.00	19.98 0.45 0.00	18.73 0.52 0.00	18.30 0.55 0.00	19.10 0.50 0.00	20.04 0.71 0.00	19.17 0.66 0.00	20.44 0.63 0.00	20.59 0.71 0.00	20.41 0.72 0.00	20.46 0.73 0.00	23.56 0.86 0.00	28.81 1.13 0.00	32.68 1.59 0.00	28.08 1.54 0.00	26.88 1.45 0.00	37.74 1.68 0.00	31.77 1.33 0.00	22.54 0.97 0.00
E179THST_138_KV_TB4_REV_LBMP_J	21.87	19.24	19.65	20.54	21.44	19.95	18.74	18.32	19.12	20.14	19.23	20.50	20.63	20.48	20.52	23.59	28.78	32.72	28.21	26.99	37.81	31.82	22.60

345001	0.60 0.00	0.52 0.00	0.39 0.00	0.32 0.00	0.28 0.00	0.42 0.00	0.53 0.00	0.57 0.00	0.52 0.00	0.81 0.00	0.72 0.00	0.69 0.00	0.75 0.00	0.79 0.00	0.79 0.00	0.89 0.00	1.10 0.00	1.63 0.00	1.67 0.00	1.57 0.00	1.75 0.00	1.39 0.00	1.03 0.00
E179THST_13_KV_LOAD 356214	21.96 0.69 0.00	19.32 0.59 0.00	19.73 0.46 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.49 0.00	18.81 0.60 0.00	18.39 0.64 0.00	19.20 0.60 0.00	20.23 0.89 0.00	19.31 0.80 0.00	20.59 0.78 0.00	20.72 0.84 0.00	20.57 0.89 0.00	20.62 0.88 0.00	23.70 1.00 0.00	28.92 1.23 0.00	32.88 1.79 0.00	28.34 1.80 0.00	27.12 1.69 0.00	37.98 1.91 0.00	31.97 1.54 0.00	22.70 1.13 0.00
EAST HAMPTON___GT 23717	22.60 1.33 0.00	19.83 1.11 0.00	20.35 1.08 0.00	21.13 0.91 0.00	22.29 1.14 0.00	21.01 1.47 0.00	19.54 1.33 0.00	18.87 1.12 0.00	19.47 0.87 0.00	20.45 1.11 0.00	19.41 0.90 0.00	20.43 0.62 0.00	20.27 0.39 0.00	20.35 0.66 0.00	20.57 0.84 0.00	24.06 1.12 -0.23	29.24 1.52 -0.03	33.34 2.24 0.00	28.63 2.09 0.00	27.41 1.93 -0.05	38.09 2.03 0.00	31.83 1.40 0.00	22.70 1.13 0.00
EAST RIVER___6 23660	21.90 0.62 0.00	19.26 0.53 0.00	19.70 0.44 0.00	20.57 0.35 0.00	21.46 0.31 0.00	19.97 0.44 0.00	18.77 0.56 0.00	18.35 0.60 0.00	19.15 0.55 0.00	20.16 0.83 0.00	19.28 0.77 0.00	20.56 0.76 0.00	20.70 0.82 0.00	20.56 0.87 0.00	20.61 0.87 0.00	23.69 0.99 0.00	28.92 1.23 0.00	32.83 1.73 0.00	28.27 1.73 0.00	27.07 1.64 0.00	37.95 1.89 0.00	31.95 1.51 0.00	22.66 1.10 0.00
EAST RIVER___7 23524	21.90 0.62 0.00	19.26 0.53 0.00	19.70 0.44 0.00	20.57 0.35 0.00	21.46 0.31 0.00	19.97 0.44 0.00	18.77 0.56 0.00	18.35 0.60 0.00	19.15 0.55 0.00	20.16 0.83 0.00	19.28 0.77 0.00	20.56 0.76 0.00	20.70 0.82 0.00	20.56 0.87 0.00	20.61 0.87 0.00	23.69 0.99 0.00	28.92 1.23 0.00	32.83 1.73 0.00	28.27 1.73 0.00	27.07 1.64 0.00	37.95 1.89 0.00	31.95 1.51 0.00	22.66 1.10 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.90 0.63 0.00	19.25 0.53 0.00	19.71 0.45 0.00	20.60 0.38 0.00	21.49 0.34 0.00	19.99 0.46 0.00	18.75 0.54 0.00	18.32 0.57 0.00	19.12 0.52 0.00	20.11 0.77 0.00	19.21 0.70 0.00	20.50 0.69 0.00	20.64 0.76 0.00	20.49 0.80 0.00	20.54 0.81 0.00	23.62 0.93 0.00	28.87 1.19 0.00	32.77 1.67 0.00	28.18 1.64 0.00	26.98 1.55 0.00	37.86 1.79 0.00	31.85 1.42 0.00	22.61 1.04 0.00
EAST_HAMPTON___DIESEL 23722	22.60 1.33 0.00	19.83 1.11 0.00	20.35 1.08 0.00	21.13 0.91 0.00	22.29 1.14 0.00	21.01 1.48 0.00	19.54 1.33 0.00	18.88 1.12 0.00	19.47 0.87 0.00	20.45 1.12 0.00	19.41 0.90 0.00	20.42 0.61 0.00	20.24 0.36 0.00	20.32 0.63 0.00	20.54 0.81 0.00	24.03 1.10 -0.23	29.19 1.48 -0.03	33.29 2.19 0.00	28.59 2.05 0.00	27.37 1.89 -0.05	38.05 1.98 0.00	31.78 1.35 0.00	22.67 1.10 0.00
EAST_PULASKI___ESR 323781	20.76 -0.51 0.00	18.27 -0.45 0.00	18.87 -0.40 0.00	19.84 -0.38 0.00	20.75 -0.40 0.00	18.93 -0.60 0.00	17.57 -0.65 0.00	17.09 -0.66 0.00	17.95 -0.65 0.00	18.71 -0.62 0.00	17.97 -0.54 0.00	19.13 -0.67 0.00	19.19 -0.70 0.00	19.01 -0.68 0.00	19.11 -0.62 0.00	21.99 -0.71 0.00	26.81 -0.88 0.00	30.23 -0.87 0.00	25.81 -0.73 0.00	24.70 -0.72 0.00	34.97 -1.09 0.00	29.50 -0.94 0.00	21.00 -0.57 0.00
EAST_RIVER___1 323558	21.90 0.62 0.00	19.26 0.53 0.00	19.70 0.44 0.00	20.57 0.35 0.00	21.46 0.31 0.00	19.97 0.44 0.00	18.77 0.56 0.00	18.35 0.60 0.00	19.15 0.54 0.00	20.15 0.82 0.00	19.27 0.76 0.00	20.54 0.74 0.00	20.68 0.80 0.00	20.54 0.85 0.00	20.59 0.85 0.00	23.67 0.97 0.00	28.89 1.20 0.00	32.80 1.70 0.00	28.26 1.72 0.00	27.05 1.62 0.00	37.94 1.87 0.00	31.94 1.51 0.00	22.65 1.08 0.00
EAST_RIVER___2 323559	21.90 0.62 0.00	19.26 0.53 0.00	19.70 0.44 0.00	20.57 0.35 0.00	21.46 0.31 0.00	19.97 0.44 0.00	18.77 0.56 0.00	18.35 0.60 0.00	19.15 0.55 0.00	20.16 0.83 0.00	19.28 0.77 0.00	20.56 0.76 0.00	20.70 0.82 0.00	20.56 0.87 0.00	20.61 0.87 0.00	23.69 0.99 0.00	28.92 1.23 0.00	32.83 1.73 0.00	28.27 1.73 0.00	27.07 1.64 0.00	37.95 1.89 0.00	31.95 1.51 0.00	22.66 1.10 0.00
EAST___DELAWARE_HYD 23607	22.25 0.98 0.00	19.55 0.83 0.00	20.02 0.76 0.00	20.93 0.71 0.00	21.85 0.70 0.00	20.30 0.76 0.00	19.03 0.82 0.00	18.58 0.84 0.00	19.41 0.81 0.00	20.34 1.00 0.00	19.45 0.94 0.00	20.72 0.91 0.00	20.87 0.99 0.00	20.64 0.95 0.00	20.75 1.01 0.00	23.96 1.26 0.00	29.23 1.54 0.00	33.13 2.03 0.00	28.54 2.00 0.00	27.34 1.91 0.00	38.39 2.33 0.00	32.28 1.85 0.00	22.90 1.33 0.00
EIGHT_POINT___WT_PWR 323820	20.69 -0.58 0.00	18.09 -0.64 0.00	18.62 -0.64 0.00	19.70 -0.52 0.00	20.81 -0.34 0.00	18.73 -0.81 0.00	17.32 -0.90 0.00	16.73 -1.02 0.00	17.49 -1.11 0.00	17.87 -1.47 0.00	17.11 -1.41 0.00	18.09 -1.71 0.00	18.30 -1.57 0.00	18.05 -1.64 0.00	18.14 -1.59 0.00	20.99 -1.71 0.00	25.53 -2.15 0.00	28.96 -2.13 0.00	24.79 -1.75 0.00	23.93 -1.49 0.00	33.68 -2.39 0.00	28.74 -1.70 0.00	20.93 -0.64 0.00
ELBRIDGE_115KV_TB2 80188	21.14 -0.14 0.00	18.57 -0.15 0.00	19.13 -0.13 0.00	20.06 -0.16 0.00	20.93 -0.22 0.00	19.18 -0.36 0.00	17.84 -0.37 0.00	17.39 -0.37 0.00	18.22 -0.38 0.00	19.03 -0.30 0.00	18.26 -0.25 0.00	19.46 -0.34 0.00	19.55 -0.33 0.00	19.35 -0.33 0.00	19.41 -0.32 0.00	22.33 -0.37 0.00	27.19 -0.50 0.00	30.64 -0.45 0.00	26.20 -0.33 0.00	25.09 -0.34 0.00	35.45 -0.62 0.00	29.90 -0.54 0.00	21.32 -0.25 0.00
ELEC_TRO_TEK 24086	22.11 0.85 0.00	19.43 0.71 0.00	19.88 0.62 0.00	20.72 0.50 0.00	21.67 0.51 0.00	20.22 0.68 0.00	18.91 0.69 0.00	18.42 0.67 0.00	19.19 0.59 0.00	20.23 0.90 0.00	19.28 0.77 0.00	20.58 0.77 0.00	20.74 0.86 0.00	20.65 0.97 0.00	20.78 1.04 0.00	25.57 1.25 -1.63	29.46 1.59 -0.18	33.23 2.14 0.00	28.52 1.98 0.00	27.71 1.92 -0.36	38.21 2.14 0.00	32.05 1.62 0.00	22.82 1.25 0.00
ELLENBURG_WT_PWR 323604	20.84 -0.43 0.00	18.13 -0.59 0.00	19.06 -0.20 0.00	20.41 0.19 0.00	21.61 0.46 0.00	20.14 0.61 0.00	18.88 0.67 0.00	18.40 0.65 0.00	19.34 0.74 0.00	19.85 0.52 0.00	18.92 0.41 0.00	20.15 0.35 0.00	19.69 -0.19 0.00	12.66 -0.63 6.40	-17.49 -0.68 36.55	14.97 -0.70 7.03	-9.35 -1.00 36.04	-12.74 -1.35 42.50	-21.03 -1.26 46.31	-21.07 -1.24 45.26	-21.13 -1.48 55.71	-21.13 -1.15 50.41	-21.08 -0.95 41.70
ELM_ST_23_KV_LD_REV_LBMP_A	20.18	17.87	18.41	19.28	20.14	18.43	16.95	16.28	17.17	17.71	17.05	18.08	18.15	18.03	18.07	20.86	25.14	28.35	24.00	22.96	32.46	27.75	20.16

345012	-1.09 0.00	-0.86 0.00	-0.86 0.00	-0.94 0.00	-1.01 0.00	-1.10 0.00	-1.27 0.00	-1.47 0.00	-1.43 0.00	-1.62 0.00	-1.46 0.00	-1.72 0.00	-1.73 0.00	-1.65 0.00	-1.67 0.00	-1.85 0.00	-2.54 0.00	-2.74 0.00	-2.54 0.00	-2.47 0.00	-3.61 0.00	-2.68 0.00	-1.41 0.00
EMPIRE_CC_1 323656	21.49 0.22 0.00	18.90 0.17 0.00	19.42 0.16 0.00	20.37 0.15 0.00	21.17 0.02 0.00	19.65 0.12 0.00	18.28 0.07 0.00	17.90 0.14 0.00	18.70 0.10 0.00	19.62 0.29 0.00	18.77 0.25 0.00	19.99 0.19 0.00	20.13 0.25 0.00	19.96 0.27 0.00	19.95 0.22 0.00	22.93 0.23 0.00	28.10 0.41 0.00	31.79 0.69 0.00	27.19 0.65 0.00	25.98 0.56 0.00	36.61 0.54 0.00	30.77 0.33 0.00	21.92 0.36 0.00
EMPIRE_CC_2 323658	21.49 0.22 0.00	18.90 0.17 0.00	19.42 0.16 0.00	20.37 0.15 0.00	21.17 0.02 0.00	19.65 0.12 0.00	18.28 0.07 0.00	17.90 0.14 0.00	18.70 0.10 0.00	19.62 0.29 0.00	18.77 0.25 0.00	19.99 0.19 0.00	20.13 0.25 0.00	19.96 0.27 0.00	19.95 0.22 0.00	22.93 0.23 0.00	28.10 0.41 0.00	31.79 0.69 0.00	27.19 0.65 0.00	25.98 0.56 0.00	36.61 0.54 0.00	30.77 0.33 0.00	21.92 0.36 0.00
ENORWICH_115KV_TB1 80156	22.76 1.49 0.00	20.03 1.30 0.00	20.59 1.32 0.00	21.53 1.32 0.00	22.36 1.21 0.00	20.24 0.71 0.00	19.00 0.79 0.00	18.50 0.75 0.00	19.50 0.90 0.00	20.46 1.13 0.00	19.47 0.96 0.00	20.64 0.84 0.00	20.60 0.72 0.00	20.38 0.69 0.00	20.47 0.74 0.00	23.56 0.86 0.00	28.75 1.07 0.00	32.58 1.48 0.00	27.96 1.42 0.00	26.74 1.32 0.00	37.61 1.55 0.00	31.71 1.27 0.00	22.62 1.05 0.00
ERIE_ST__34_KV_TB1-2 80199	20.72 -0.55 0.00	18.32 -0.40 0.00	18.89 -0.37 0.00	19.78 -0.44 0.00	20.66 -0.49 0.00	18.93 -0.61 0.00	17.43 -0.79 0.00	16.76 -0.99 0.00	17.65 -0.95 0.00	18.23 -1.10 0.00	17.56 -0.96 0.00	18.67 -1.14 0.00	18.75 -1.13 0.00	18.61 -1.08 0.00	18.66 -1.07 0.00	21.55 -1.15 0.00	25.97 -1.71 0.00	29.30 -1.80 0.00	24.81 -1.73 0.00	23.75 -1.67 0.00	33.57 -2.49 0.00	28.69 -1.74 0.00	20.81 -0.76 0.00
ERIE_WT_PWR 323693	20.33 -0.95 0.00	17.98 -0.74 0.00	18.52 -0.74 0.00	19.42 -0.80 0.00	20.28 -0.87 0.00	18.55 -0.98 0.00	17.06 -1.15 0.00	16.40 -1.35 0.00	17.28 -1.32 0.00	17.83 -1.51 0.00	17.17 -1.35 0.00	18.22 -1.58 0.00	18.28 -1.59 0.00	18.17 -1.52 0.00	18.21 -1.52 0.00	21.01 -1.69 0.00	25.32 -2.36 0.00	28.56 -2.54 0.00	24.17 -2.37 0.00	23.13 -2.30 0.00	32.70 -3.36 0.00	27.96 -2.48 0.00	20.30 -1.27 0.00
ESPRGFLD_115KV_TB1 80157	22.14 0.87 0.00	19.55 0.83 0.00	20.07 0.80 0.00	21.10 0.88 0.00	22.18 1.03 0.00	20.34 0.81 0.00	18.90 0.69 0.00	18.34 0.59 0.00	19.27 0.67 0.00	20.04 0.70 0.00	19.22 0.70 0.00	20.54 0.73 0.00	20.56 0.68 0.00	20.33 0.64 0.00	20.42 0.69 0.00	23.46 0.76 0.00	28.51 0.82 0.00	32.08 0.99 0.00	27.45 0.91 0.00	26.28 0.85 0.00	37.21 1.15 0.00	31.47 1.03 0.00	22.37 0.81 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.54 0.27 0.00	18.92 0.20 0.00	19.48 0.21 0.00	20.41 0.20 0.00	21.31 0.15 0.00	19.54 0.00 0.00	18.24 0.02 0.00	17.76 0.01 0.00	18.64 0.04 0.00	19.44 0.11 0.00	18.63 0.11 0.00	19.83 0.02 0.00	19.91 0.03 0.00	19.72 0.04 0.00	19.81 0.08 0.00	22.83 0.13 0.00	27.82 0.13 0.00	31.40 0.31 0.00	26.88 0.34 0.00	25.77 0.34 0.00	36.34 0.27 0.00	30.63 0.19 0.00	21.84 0.27 0.00
ETNA_____115KV_TB2 80207	21.54 0.27 0.00	18.92 0.20 0.00	19.48 0.21 0.00	20.41 0.20 0.00	21.31 0.15 0.00	19.54 0.00 0.00	18.24 0.02 0.00	17.76 0.01 0.00	18.64 0.04 0.00	19.44 0.11 0.00	18.63 0.11 0.00	19.83 0.02 0.00	19.91 0.03 0.00	19.72 0.04 0.00	19.81 0.08 0.00	22.83 0.13 0.00	27.82 0.13 0.00	31.40 0.31 0.00	26.88 0.34 0.00	25.77 0.34 0.00	36.34 0.27 0.00	30.63 0.19 0.00	21.84 0.27 0.00
EUCLID__115KV_TB2 356179	20.98 -0.29 0.00	18.47 -0.25 0.00	19.00 -0.26 0.00	19.92 -0.30 0.00	20.78 -0.37 0.00	19.05 -0.48 0.00	17.72 -0.49 0.00	17.26 -0.50 0.00	18.09 -0.51 0.00	18.89 -0.45 0.00	18.12 -0.39 0.00	19.31 -0.49 0.00	19.40 -0.49 0.00	19.23 -0.46 0.00	19.29 -0.44 0.00	22.17 -0.53 0.00	26.99 -0.70 0.00	30.39 -0.70 0.00	25.96 -0.58 0.00	24.84 -0.58 0.00	35.13 -0.93 0.00	29.70 -0.74 0.00	21.18 -0.39 0.00
E_CANADA_CAP_HY 24051	22.21 0.94 0.00	19.65 0.92 0.00	20.16 0.90 0.00	21.23 1.01 0.00	22.37 1.22 0.00	20.57 1.04 0.00	19.07 0.86 0.00	18.47 0.72 0.00	19.44 0.84 0.00	20.14 0.80 0.00	19.31 0.80 0.00	20.67 0.87 0.00	20.68 0.80 0.00	20.47 0.78 0.00	20.55 0.82 0.00	23.61 0.91 0.00	28.69 1.00 0.00	32.30 1.20 0.00	27.61 1.07 0.00	26.39 0.97 0.00	37.45 1.38 0.00	31.69 1.26 0.00	22.51 0.94 0.00
E_CANADA_MHWK_HY 24050	20.86 -0.41 0.00	18.45 -0.27 0.00	18.88 -0.38 0.00	19.80 -0.42 0.00	20.66 -0.49 0.00	19.17 -0.36 0.00	17.93 -0.29 0.00	17.53 -0.22 0.00	18.33 -0.27 0.00	19.15 -0.18 0.00	18.29 -0.22 0.00	19.54 -0.27 0.00	19.61 -0.27 0.00	19.45 -0.23 0.00	19.44 -0.29 0.00	22.38 -0.32 0.00	27.55 -0.14 0.00	31.31 0.21 0.00	26.91 0.37 0.00	25.76 0.33 0.00	36.14 0.08 0.00	30.20 -0.23 0.00	21.38 -0.18 0.00
E_FISHKILL__LBMP 23776	21.77 0.51 0.00	19.14 0.42 0.00	19.62 0.36 0.00	20.53 0.31 0.00	21.40 0.25 0.00	19.89 0.36 0.00	18.64 0.43 0.00	18.22 0.47 0.00	19.03 0.43 0.00	19.97 0.63 0.00	19.08 0.57 0.00	20.35 0.54 0.00	20.48 0.60 0.00	20.32 0.64 0.00	20.36 0.64 0.00	23.42 0.72 0.00	28.66 0.98 0.00	32.53 1.43 0.00	27.94 1.39 0.00	26.73 1.31 0.00	37.53 1.46 0.00	31.56 1.13 0.00	22.40 0.84 0.00
FALCON__SEABRD_CC1 323796	21.08 -0.19 0.00	18.37 -0.35 0.00	19.26 0.00 0.00	20.60 0.38 0.00	21.78 0.63 0.00	20.27 0.74 0.00	19.03 0.82 0.00	18.56 0.81 0.00	19.50 0.89 0.00	20.02 0.69 0.00	19.06 0.55 0.00	20.30 0.49 0.00	19.87 -0.01 0.00	12.77 -0.47 6.46	-17.69 -0.53 36.89	15.08 -0.53 7.09	-9.45 -0.76 36.38	-12.86 -1.07 42.89	-21.20 -1.00 46.74	-21.16 -0.92 45.67	-21.20 -1.04 56.23	-21.22 -0.79 50.87	-21.18 -0.66 42.08
FALCON__SEABRD_CC2 323797	21.08 -0.19 0.00	18.37 -0.35 0.00	19.26 0.00 0.00	20.60 0.38 0.00	21.78 0.63 0.00	20.27 0.74 0.00	19.03 0.82 0.00	18.56 0.81 0.00	19.50 0.89 0.00	20.02 0.69 0.00	19.06 0.55 0.00	20.30 0.49 0.00	19.87 -0.01 0.00	12.77 -0.47 6.46	-17.69 -0.53 36.89	15.08 -0.53 7.09	-9.45 -0.76 36.38	-12.86 -1.07 42.89	-21.20 -1.00 46.74	-21.16 -0.92 45.67	-21.20 -1.04 56.23	-21.22 -0.79 50.87	-21.18 -0.66 42.08
FAR ROCKAWAY__4	22.37	19.65	20.09	20.93	21.90	20.43	19.11	18.60	19.37	20.46	19.48	20.83	20.96	20.92	21.05	27.78	30.00	33.56	28.91	28.50	38.71	32.48	23.11

23548	1.10 0.00	0.93 0.00	0.83 0.00	0.72 0.00	0.75 0.00	0.89 0.00	0.89 0.00	0.85 0.00	0.77 0.00	1.12 0.00	0.96 0.00	1.02 0.00	1.08 0.00	1.23 0.00	1.31 0.00	1.55 -3.53	1.92 -0.40	2.46 0.00	2.37 0.00	2.28 -0.79	2.64 0.00	2.04 0.00	1.54 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.92 0.65 0.00	19.27 0.55 0.00	19.71 0.45 0.00	20.59 0.37 0.00	21.48 0.33 0.00	19.99 0.46 0.00	18.79 0.57 0.00	18.36 0.61 0.00	19.16 0.56 0.00	20.17 0.84 0.00	19.29 0.78 0.00	20.56 0.76 0.00	20.70 0.82 0.00	20.55 0.87 0.00	20.60 0.87 0.00	23.69 0.98 0.00	28.92 1.23 0.00	32.83 1.74 0.00	28.28 1.74 0.00	27.08 1.65 0.00	37.98 1.91 0.00	31.97 1.53 0.00	22.67 1.10 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.93 0.66 0.00	19.28 0.56 0.00	19.73 0.47 0.00	20.60 0.39 0.00	21.49 0.34 0.00	20.00 0.47 0.00	18.80 0.58 0.00	18.37 0.62 0.00	19.17 0.57 0.00	20.18 0.84 0.00	19.29 0.78 0.00	20.58 0.77 0.00	20.71 0.83 0.00	20.57 0.88 0.00	20.61 0.88 0.00	23.70 1.00 0.00	28.93 1.25 0.00	32.85 1.75 0.00	28.30 1.76 0.00	27.09 1.67 0.00	38.00 1.93 0.00	31.99 1.56 0.00	22.69 1.12 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.90 0.63 0.00	19.26 0.54 0.00	19.71 0.45 0.00	20.58 0.36 0.00	21.47 0.32 0.00	19.98 0.45 0.00	18.78 0.57 0.00	18.35 0.60 0.00	19.15 0.55 0.00	20.16 0.82 0.00	19.28 0.76 0.00	20.56 0.75 0.00	20.69 0.81 0.00	20.54 0.85 0.00	20.59 0.86 0.00	23.67 0.97 0.00	28.90 1.21 0.00	32.81 1.71 0.00	28.26 1.72 0.00	27.06 1.63 0.00	37.95 1.88 0.00	31.96 1.52 0.00	22.66 1.10 0.00
FARRAGUT___LBMP 323566	21.90 0.62 0.00	19.25 0.53 0.00	19.70 0.43 0.00	20.57 0.35 0.00	21.46 0.31 0.00	19.97 0.44 0.00	18.77 0.56 0.00	18.34 0.59 0.00	19.14 0.54 0.00	20.15 0.81 0.00	19.26 0.75 0.00	20.54 0.73 0.00	20.68 0.80 0.00	20.53 0.84 0.00	20.58 0.85 0.00	23.66 0.96 0.00	28.88 1.20 0.00	32.79 1.69 0.00	28.25 1.71 0.00	27.04 1.61 0.00	37.93 1.86 0.00	31.93 1.49 0.00	22.65 1.08 0.00
FENNER___WINDPWR 24204	21.53 0.26 0.00	18.94 0.22 0.00	19.50 0.24 0.00	20.45 0.23 0.00	21.32 0.16 0.00	19.59 0.05 0.00	18.26 0.04 0.00	17.80 0.05 0.00	18.67 0.07 0.00	19.49 0.15 0.00	18.67 0.16 0.00	19.90 0.10 0.00	19.95 0.07 0.00	19.75 0.07 0.00	19.83 0.09 0.00	22.83 0.13 0.00	27.85 0.16 0.00	31.40 0.30 0.00	26.83 0.29 0.00	25.69 0.26 0.00	36.32 0.26 0.00	30.62 0.18 0.00	21.75 0.18 0.00
FIBERTEK___ENERGY 23856	21.23 -0.04 0.00	18.68 -0.05 0.00	19.22 -0.04 0.00	20.16 -0.06 0.00	21.03 -0.12 0.00	19.27 -0.25 0.00	17.94 -0.27 0.00	17.48 -0.27 0.00	18.32 -0.28 0.00	19.14 -0.20 0.00	18.36 -0.15 0.00	19.57 -0.23 0.00	19.66 -0.23 0.00	19.48 -0.21 0.00	19.54 -0.19 0.00	22.47 -0.23 0.00	27.37 -0.32 0.00	30.83 -0.27 0.00	26.34 -0.20 0.00	25.22 -0.21 0.00	35.65 -0.41 0.00	30.09 -0.35 0.00	21.45 -0.12 0.00
FITZPATRICK____ 23598	20.82 -0.45 0.00	18.32 -0.40 0.00	18.85 -0.41 0.00	19.77 -0.44 0.00	20.63 -0.52 0.00	18.92 -0.62 0.00	17.59 -0.63 0.00	17.13 -0.62 0.00	17.96 -0.64 0.00	18.74 -0.60 0.00	17.97 -0.54 0.00	19.16 -0.65 0.00	19.25 -0.64 0.00	19.07 -0.62 0.00	19.12 -0.61 0.00	21.97 -0.73 0.00	26.76 -0.93 0.00	30.12 -0.97 0.00	25.72 -0.82 0.00	24.62 -0.80 0.00	34.84 -1.23 0.00	29.42 -1.01 0.00	20.97 -0.60 0.00
FLOWRFLD_69_KV_BK1 356044	22.17 0.90 0.00	19.48 0.76 0.00	19.94 0.68 0.00	20.74 0.52 0.00	21.78 0.63 0.00	20.41 0.88 0.00	19.04 0.83 0.00	18.46 0.71 0.00	19.16 0.56 0.00	20.21 0.87 0.00	19.23 0.71 0.00	20.43 0.63 0.00	20.59 0.71 0.00	20.59 0.91 0.00	20.79 1.05 0.00	24.29 1.35 -0.24	29.49 1.78 -0.03	33.45 2.36 0.00	28.64 2.10 0.00	27.52 2.04 -0.05	38.26 2.20 0.00	32.01 1.58 0.00	22.83 1.27 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.05 0.78 0.00	19.38 0.65 0.00	19.85 0.59 0.00	20.77 0.55 0.00	21.66 0.51 0.00	20.14 0.60 0.00	18.88 0.66 0.00	18.44 0.69 0.00	19.26 0.66 0.00	20.21 0.88 0.00	19.33 0.82 0.00	20.62 0.82 0.00	20.76 0.88 0.00	20.59 0.90 0.00	20.63 0.90 0.00	23.77 1.06 0.00	29.08 1.40 0.00	33.01 1.91 0.00	28.36 1.82 0.00	27.12 1.70 0.00	38.08 2.02 0.00	32.00 1.57 0.00	22.71 1.14 0.00
FORT ORANGE____ 23900	21.83 0.56 0.00	19.19 0.47 0.00	19.72 0.46 0.00	20.68 0.46 0.00	21.53 0.38 0.00	19.97 0.44 0.00	18.64 0.43 0.00	18.23 0.48 0.00	19.05 0.45 0.00	19.93 0.60 0.00	19.06 0.55 0.00	20.32 0.52 0.00	20.46 0.58 0.00	20.28 0.60 0.00	20.30 0.57 0.00	23.35 0.65 0.00	28.65 0.96 0.00	32.42 1.32 0.00	27.73 1.19 0.00	26.50 1.08 0.00	37.36 1.29 0.00	31.39 0.95 0.00	22.29 0.72 0.00
FORT_DRUM_COGEN 23780	20.34 -0.93 0.00	17.90 -0.82 0.00	18.71 -0.55 0.00	19.82 -0.39 0.00	20.91 -0.25 0.00	18.87 -0.66 0.00	17.41 -0.81 0.00	16.87 -0.88 0.00	17.83 -0.77 0.00	18.48 -0.86 0.00	17.78 -0.73 0.00	18.93 -0.87 0.00	18.91 -0.98 0.00	18.95 -1.01 -0.27	20.41 -0.89 -1.56	22.01 -0.99 -0.30	28.01 -1.21 -1.54	31.70 -1.21 -1.81	27.49 -1.03 -1.98	26.35 -1.01 -1.93	37.14 -1.30 -2.38	31.38 -1.20 -2.15	22.52 -0.83 -1.78
FOX_HILLS___ESR 323835	21.98 0.72 0.00	19.32 0.60 0.00	19.75 0.49 0.00	20.64 0.42 0.00	21.54 0.39 0.00	20.05 0.52 0.00	18.84 0.63 0.00	18.43 0.68 0.00	19.22 0.61 0.00	20.25 0.91 0.00	19.32 0.81 0.00	20.64 0.84 0.00	20.77 0.89 0.00	20.60 0.92 0.00	20.67 0.93 0.00	23.77 1.06 0.00	28.98 1.29 0.00	32.91 1.82 0.00	28.37 1.82 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.07 1.63 0.00	22.75 1.18 0.00
FPL FAR_ROCK_GT1 24212	22.37 1.10 0.00	19.66 0.94 0.00	20.10 0.84 0.00	20.93 0.71 0.00	21.90 0.75 0.00	20.43 0.89 0.00	19.11 0.89 0.00	18.60 0.85 0.00	19.37 0.77 0.00	20.46 1.12 0.00	19.48 0.96 0.00	20.83 1.02 0.00	20.96 1.08 0.00	20.92 1.23 0.00	21.05 1.31 -0.01	27.79 1.55 -3.54	30.00 1.92 -0.40	33.56 2.46 0.00	28.91 2.37 0.00	28.50 2.28 -0.79	38.71 2.64 0.00	32.48 2.05 0.00	23.11 1.54 0.00
FPL FAR_ROCK_GT2 23815	22.37 1.10 0.00	19.66 0.94 0.00	20.10 0.84 0.00	20.93 0.71 0.00	21.90 0.75 0.00	20.43 0.89 0.00	19.11 0.89 0.00	18.60 0.85 0.00	19.37 0.77 0.00	20.46 1.12 0.00	19.48 0.96 0.00	20.83 1.02 0.00	20.96 1.08 0.00	20.92 1.23 0.00	21.05 1.31 -0.01	27.79 1.55 -3.54	30.00 1.92 -0.40	33.56 2.46 0.00	28.91 2.37 0.00	28.50 2.28 -0.79	38.71 2.64 0.00	32.48 2.05 0.00	23.11 1.54 0.00
FRANKLIN_FALL_HYD	21.02	18.37	19.23	20.51	21.72	20.23	18.94	18.46	19.43	19.93	19.01	20.30	19.95	23.84	44.74	27.31	52.17	59.77	57.86	56.00	73.88	64.80	49.92



24054	-0.24 0.00	-0.35 0.00	-0.03 0.00	0.29 0.00	0.57 0.00	0.70 0.00	0.73 0.00	0.70 0.00	0.83 0.00	0.59 0.00	0.50 0.00	0.50 0.00	0.07 0.00	-0.27 -4.43	-0.28 -25.29	-0.25 -4.86	-0.46 -24.94	-0.73 -29.40	-0.73 -32.04	-0.74 -31.31	-0.74 -38.55	-0.52 -34.88	-0.50 -28.85
FREEPORT_EQUS_GT1 23764	22.23 0.96 0.00	19.52 0.80 0.00	19.96 0.70 0.00	20.79 0.57 0.00	21.76 0.60 0.00	20.31 0.77 0.00	18.99 0.77 0.00	18.47 0.72 0.00	19.23 0.63 0.00	20.29 0.96 0.00	19.32 0.80 0.00	20.63 0.82 0.00	20.81 0.93 0.00	20.74 1.05 0.00	20.88 1.15 0.00	25.54 1.39 -1.45	29.61 1.76 -0.16	33.43 2.33 0.00	28.67 2.14 0.00	27.82 2.07 -0.32	38.39 2.32 0.00	32.18 1.74 0.00	22.94 1.37 0.00
FREEPORT___CT2 23818	22.23 0.96 0.00	19.52 0.80 0.00	19.96 0.70 0.00	20.79 0.57 0.00	21.76 0.60 0.00	20.31 0.77 0.00	18.99 0.77 0.00	18.47 0.72 0.00	19.23 0.63 0.00	20.29 0.96 0.00	19.32 0.80 0.00	20.63 0.82 0.00	20.81 0.93 0.00	20.74 1.05 0.00	20.88 1.15 0.00	25.54 1.39 -1.45	29.61 1.76 -0.16	33.43 2.33 0.00	28.67 2.14 0.00	27.82 2.07 -0.32	38.39 2.32 0.00	32.18 1.74 0.00	22.94 1.37 0.00
FRESHKLS_33_KV_LOAD 356253	22.02 0.75 0.00	19.36 0.64 0.00	19.80 0.54 0.00	20.70 0.48 0.00	21.60 0.45 0.00	20.11 0.57 0.00	18.89 0.67 0.00	18.48 0.73 0.00	19.24 0.63 0.00	20.28 0.94 0.00	19.32 0.81 0.00	20.66 0.85 0.00	20.79 0.91 0.00	20.61 0.92 0.00	20.68 0.95 0.00	23.78 1.08 0.00	29.00 1.32 0.00	32.93 1.84 0.00	28.38 1.84 0.00	27.18 1.75 0.00	38.07 2.01 0.00	32.10 1.67 0.00	22.78 1.21 0.00
FULTON COGEN____ 23766	20.94 -0.34 0.00	18.44 -0.28 0.00	18.96 -0.30 0.00	19.88 -0.34 0.00	20.74 -0.42 0.00	19.01 -0.52 0.00	17.67 -0.54 0.00	17.21 -0.54 0.00	18.05 -0.55 0.00	18.85 -0.49 0.00	18.08 -0.43 0.00	19.27 -0.53 0.00	19.33 -0.55 0.00	19.19 -0.50 0.00	19.24 -0.49 0.00	22.13 -0.57 0.00	26.98 -0.71 0.00	30.40 -0.70 0.00	25.96 -0.58 0.00	24.84 -0.59 0.00	35.11 -0.95 0.00	29.64 -0.80 0.00	21.12 -0.45 0.00
FULTON___LFGE 323630	23.11 1.84 0.00	20.34 1.61 0.00	20.86 1.60 0.00	21.95 1.73 0.00	23.05 1.90 0.00	21.27 1.74 0.00	19.80 1.59 0.00	19.27 1.52 0.00	20.29 1.69 0.00	20.96 1.63 0.00	20.19 1.68 0.00	21.63 1.82 0.00	21.61 1.73 0.00	21.41 1.73 0.00	21.48 1.75 0.00	24.69 1.99 0.00	30.21 2.53 0.00	34.28 3.18 0.00	29.36 2.82 0.00	28.02 2.60 0.00	39.60 3.53 0.00	33.43 2.99 0.00	23.66 2.10 0.00
G.F.CEMENT___DRP 24184	22.02 0.75 0.00	19.36 0.64 0.00	19.92 0.66 0.00	20.89 0.67 0.00	21.69 0.53 0.00	20.19 0.66 0.00	18.90 0.68 0.00	18.58 0.83 0.00	19.43 0.83 0.00	20.23 0.90 0.00	19.24 0.72 0.00	20.54 0.74 0.00	20.68 0.80 0.00	20.50 0.82 0.00	20.54 0.81 0.00	23.69 0.99 0.00	29.21 1.53 0.00	33.16 2.06 0.00	28.26 1.72 0.00	26.97 1.54 0.00	37.87 1.80 0.00	31.75 1.31 0.00	22.50 0.93 0.00
GARDENVILLE___LBMP 24039	20.26 -1.01 0.00	17.94 -0.78 0.00	18.48 -0.78 0.00	19.35 -0.87 0.00	20.21 -0.94 0.00	18.50 -1.04 0.00	17.01 -1.20 0.00	16.35 -1.40 0.00	17.23 -1.37 0.00	17.78 -1.55 0.00	17.12 -1.40 0.00	18.16 -1.64 0.00	18.23 -1.65 0.00	18.11 -1.58 0.00	18.15 -1.58 0.00	20.95 -1.76 0.00	25.25 -2.44 0.00	28.47 -2.62 0.00	24.10 -2.44 0.00	23.07 -2.36 0.00	32.60 -3.47 0.00	27.87 -2.57 0.00	20.23 -1.34 0.00
GARDNVLA_35_KV_LD 355827	20.35 -0.92 0.00	18.02 -0.70 0.00	18.56 -0.70 0.00	19.43 -0.78 0.00	20.29 -0.86 0.00	18.57 -0.96 0.00	17.08 -1.13 0.00	16.42 -1.33 0.00	17.31 -1.29 0.00	17.85 -1.48 0.00	17.19 -1.32 0.00	18.24 -1.56 0.00	18.31 -1.57 0.00	18.19 -1.49 0.00	18.23 -1.50 0.00	21.04 -1.66 0.00	25.36 -2.32 0.00	28.60 -2.50 0.00	24.20 -2.34 0.00	23.16 -2.27 0.00	32.73 -3.34 0.00	27.97 -2.46 0.00	20.31 -1.26 0.00
GELCKHM__115KV_LOAD 80723	21.07 -0.19 0.00	18.54 -0.18 0.00	19.08 -0.18 0.00	20.01 -0.21 0.00	20.87 -0.28 0.00	19.14 -0.40 0.00	17.80 -0.41 0.00	17.34 -0.41 0.00	18.18 -0.43 0.00	18.98 -0.36 0.00	18.21 -0.30 0.00	19.41 -0.40 0.00	19.49 -0.39 0.00	19.32 -0.37 0.00	19.38 -0.35 0.00	22.28 -0.42 0.00	27.14 -0.54 0.00	30.57 -0.53 0.00	26.11 -0.44 0.00	24.99 -0.44 0.00	35.33 -0.73 0.00	29.84 -0.60 0.00	21.27 -0.30 0.00
GENERAL___MILLS 23808	20.32 -0.95 0.00	18.00 -0.72 0.00	18.54 -0.72 0.00	19.41 -0.80 0.00	20.27 -0.88 0.00	18.56 -0.98 0.00	17.06 -1.15 0.00	16.40 -1.35 0.00	17.29 -1.31 0.00	17.83 -1.51 0.00	17.17 -1.34 0.00	18.22 -1.58 0.00	18.29 -1.59 0.00	18.17 -1.51 0.00	18.21 -1.53 0.00	21.02 -1.69 0.00	25.33 -2.35 0.00	28.57 -2.53 0.00	24.17 -2.37 0.00	23.14 -2.29 0.00	32.70 -3.37 0.00	27.95 -2.49 0.00	20.29 -1.27 0.00
GE_PLASTICS___DRP 24183	21.67 0.40 0.00	19.05 0.33 0.00	19.58 0.32 0.00	20.53 0.31 0.00	21.38 0.23 0.00	19.82 0.29 0.00	18.51 0.30 0.00	18.09 0.34 0.00	18.90 0.30 0.00	19.78 0.44 0.00	18.92 0.40 0.00	20.18 0.37 0.00	20.30 0.42 0.00	20.12 0.43 0.00	20.14 0.41 0.00	23.17 0.47 0.00	28.38 0.70 0.00	32.08 0.99 0.00	27.45 0.91 0.00	26.25 0.83 0.00	37.02 0.95 0.00	31.13 0.69 0.00	22.11 0.54 0.00
GILBOA___1 23756	21.53 0.26 0.00	18.94 0.22 0.00	19.45 0.19 0.00	20.38 0.16 0.00	21.26 0.11 0.00	19.69 0.15 0.00	18.41 0.19 0.00	17.97 0.22 0.00	18.80 0.19 0.00	19.65 0.31 0.00	18.79 0.28 0.00	20.05 0.24 0.00	20.17 0.29 0.00	19.99 0.30 0.00	20.03 0.30 0.00	23.04 0.34 0.00	28.17 0.48 0.00	31.82 0.72 0.00	27.27 0.73 0.00	26.09 0.66 0.00	36.80 0.73 0.00	30.98 0.54 0.00	22.00 0.43 0.00
GILBOA___2 23757	21.53 0.26 0.00	18.94 0.22 0.00	19.45 0.19 0.00	20.38 0.16 0.00	21.26 0.11 0.00	19.69 0.15 0.00	18.41 0.19 0.00	17.97 0.22 0.00	18.80 0.19 0.00	19.65 0.31 0.00	18.79 0.28 0.00	20.05 0.24 0.00	20.17 0.29 0.00	19.99 0.30 0.00	20.03 0.30 0.00	23.04 0.34 0.00	28.17 0.48 0.00	31.82 0.72 0.00	27.27 0.73 0.00	26.09 0.66 0.00	36.80 0.73 0.00	30.98 0.54 0.00	22.00 0.43 0.00
GILBOA___3 23758	21.53 0.26 0.00	18.94 0.22 0.00	19.45 0.19 0.00	20.38 0.16 0.00	21.26 0.11 0.00	19.69 0.15 0.00	18.41 0.19 0.00	17.97 0.22 0.00	18.80 0.19 0.00	19.65 0.31 0.00	18.79 0.28 0.00	20.05 0.24 0.00	20.17 0.29 0.00	19.99 0.30 0.00	20.03 0.30 0.00	23.04 0.34 0.00	28.17 0.48 0.00	31.82 0.72 0.00	27.27 0.73 0.00	26.09 0.66 0.00	36.80 0.73 0.00	30.98 0.54 0.00	22.00 0.43 0.00
GILBOA___4	21.53	18.94	19.45	20.38	21.26	19.69	18.41	17.97	18.80	19.65	18.79	20.05	20.17	19.99	20.03	23.04	28.17	31.82	27.27	26.09	36.80	30.98	22.00

23759	0.26 0.00	0.22 0.00	0.19 0.00	0.16 0.00	0.11 0.00	0.15 0.00	0.19 0.00	0.22 0.00	0.19 0.00	0.31 0.00	0.28 0.00	0.24 0.00	0.29 0.00	0.30 0.00	0.30 0.00	0.34 0.00	0.48 0.00	0.72 0.00	0.73 0.00	0.66 0.00	0.73 0.00	0.54 0.00	0.43 0.00
GILBOA____ 23599	21.53 0.26 0.00	18.94 0.22 0.00	19.45 0.19 0.00	20.38 0.16 0.00	21.26 0.11 0.00	19.69 0.15 0.00	18.41 0.19 0.00	17.97 0.22 0.00	18.80 0.19 0.00	19.65 0.31 0.00	18.79 0.28 0.00	20.05 0.24 0.00	20.17 0.29 0.00	19.99 0.30 0.00	20.03 0.30 0.00	23.04 0.34 0.00	28.17 0.48 0.00	31.82 0.72 0.00	27.28 0.74 0.00	26.09 0.66 0.00	36.80 0.73 0.00	30.98 0.54 0.00	22.00 0.43 0.00
GINNA____ 23603	19.71 -1.57 0.00	17.38 -1.34 0.00	17.89 -1.37 0.00	18.78 -1.44 0.00	19.62 -1.53 0.00	18.00 -1.53 0.00	16.67 -1.55 0.00	16.15 -1.60 0.00	16.99 -1.61 0.00	17.68 -1.66 0.00	16.98 -1.54 0.00	18.05 -1.75 0.00	18.13 -1.75 0.00	18.00 -1.69 0.00	18.07 -1.67 0.00	20.85 -1.85 0.00	25.30 -2.38 0.00	28.53 -2.56 0.00	24.29 -2.25 0.00	23.20 -2.22 0.00	32.80 -3.27 0.00	27.78 -2.66 0.00	19.90 -1.67 0.00
GLEN PARK____ 23778	20.36 -0.91 0.00	17.91 -0.81 0.00	18.70 -0.55 0.00	19.82 -0.40 0.00	20.90 -0.25 0.00	18.87 -0.66 0.00	17.41 -0.80 0.00	16.87 -0.88 0.00	17.84 -0.76 0.00	18.49 -0.85 0.00	17.79 -0.72 0.00	18.94 -0.87 0.00	18.92 -0.96 0.00	18.95 -1.00 -0.26	20.34 -0.87 -1.48	22.04 -0.95 -0.28	27.99 -1.15 -1.46	31.70 -1.11 -1.72	27.47 -0.94 -1.88	26.32 -0.94 -1.83	37.10 -1.22 -2.26	31.34 -1.14 -2.04	22.48 -0.78 -1.69
GLENDALE_27_KV_LOAD 356172	21.98 0.71 0.00	19.32 0.60 0.00	19.75 0.49 0.00	20.63 0.41 0.00	21.53 0.38 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.22 0.61 0.00	20.23 0.90 0.00	19.33 0.82 0.00	20.62 0.82 0.00	20.76 0.88 0.00	20.60 0.92 0.00	20.67 0.93 0.00	23.76 1.06 0.00	28.99 1.30 0.00	32.93 1.83 0.00	28.37 1.83 0.00	27.16 1.74 0.00	38.08 2.02 0.00	32.04 1.61 0.00	22.73 1.16 0.00
GLENWOOD_IC_1_G5 23712	22.28 1.01 0.00	19.57 0.85 0.00	20.01 0.75 0.00	20.85 0.64 0.00	21.81 0.66 0.00	20.35 0.82 0.00	19.04 0.82 0.00	18.54 0.79 0.00	19.31 0.72 0.00	20.37 1.03 0.00	19.41 0.89 0.00	20.72 0.92 0.00	20.89 1.02 0.00	20.81 1.12 0.00	20.95 1.22 0.00	25.25 1.46 -1.09	29.65 1.84 -0.12	33.52 2.42 0.00	28.77 2.23 0.00	27.82 2.15 -0.24	38.52 2.45 0.00	32.31 1.87 0.00	23.01 1.44 0.00
GLENWOOD_IC_2_G1 23688	22.24 0.97 0.00	19.55 0.82 0.00	19.99 0.73 0.00	20.83 0.61 0.00	21.79 0.64 0.00	20.33 0.79 0.00	19.01 0.80 0.00	18.52 0.76 0.00	19.29 0.69 0.00	20.34 1.01 0.00	19.38 0.87 0.00	20.69 0.89 0.00	20.86 0.98 0.00	20.78 1.09 0.00	20.91 1.17 0.00	24.79 1.41 -0.68	29.54 1.78 -0.08	33.45 2.36 0.00	28.71 2.17 0.00	27.67 2.09 -0.15	38.46 2.39 0.00	32.24 1.81 0.00	22.97 1.40 0.00
GLENWOOD_IC_3_G1 23689	22.24 0.97 0.00	19.55 0.82 0.00	19.99 0.73 0.00	20.83 0.61 0.00	21.79 0.64 0.00	20.33 0.79 0.00	19.01 0.80 0.00	18.52 0.76 0.00	19.29 0.69 0.00	20.34 1.01 0.00	19.38 0.87 0.00	20.69 0.89 0.00	20.86 0.98 0.00	20.78 1.09 0.00	20.91 1.17 0.00	24.79 1.41 -0.68	29.54 1.78 -0.08	33.45 2.36 0.00	28.71 2.17 0.00	27.67 2.09 -0.15	38.46 2.39 0.00	32.24 1.81 0.00	22.97 1.40 0.00
GLENWOOD____4 23550	22.28 1.01 0.00	19.57 0.85 0.00	20.01 0.75 0.00	20.85 0.64 0.00	21.81 0.66 0.00	20.35 0.82 0.00	19.04 0.82 0.00	18.54 0.79 0.00	19.31 0.72 0.00	20.37 1.03 0.00	19.41 0.89 0.00	20.72 0.92 0.00	20.89 1.02 0.00	20.81 1.12 0.00	20.95 1.22 0.00	25.25 1.46 -1.09	29.65 1.84 -0.12	33.52 2.42 0.00	28.77 2.23 0.00	27.82 2.15 -0.24	38.52 2.45 0.00	32.31 1.87 0.00	23.01 1.44 0.00
GLENWOOD____5 23614	22.28 1.01 0.00	19.57 0.85 0.00	20.01 0.75 0.00	20.85 0.64 0.00	21.81 0.66 0.00	20.35 0.82 0.00	19.04 0.82 0.00	18.54 0.79 0.00	19.31 0.72 0.00	20.37 1.03 0.00	19.41 0.89 0.00	20.72 0.92 0.00	20.89 1.02 0.00	20.81 1.12 0.00	20.95 1.22 0.00	25.25 1.46 -1.09	29.65 1.84 -0.12	33.52 2.42 0.00	28.77 2.23 0.00	27.82 2.15 -0.24	38.52 2.45 0.00	32.31 1.87 0.00	23.01 1.44 0.00
GLOBAL GREEN_PORT_GT1 23814	22.57 1.31 0.00	19.81 1.09 0.00	20.32 1.06 0.00	21.11 0.89 0.00	22.26 1.11 0.00	20.98 1.45 0.00	19.52 1.31 0.00	18.85 1.10 0.00	19.46 0.86 0.00	20.44 1.10 0.00	19.40 0.88 0.00	20.46 0.66 0.00	20.38 0.50 0.00	20.46 0.77 0.00	20.68 0.94 0.00	24.18 1.25 -0.23	29.39 1.68 -0.03	33.50 2.40 0.00	28.74 2.20 0.00	27.55 2.07 -0.05	38.30 2.23 0.00	31.99 1.55 0.00	22.82 1.25 0.00
GLOBE____DSASP 323697	19.53 -1.74 0.00	17.36 -1.37 0.00	17.88 -1.39 0.00	18.74 -1.48 0.00	19.58 -1.57 0.00	17.91 -1.62 0.00	16.41 -1.80 0.00	15.73 -2.02 0.00	16.63 -1.97 0.00	17.12 -2.21 0.00	16.46 -2.05 0.00	17.36 -2.44 0.00	17.41 -2.47 0.00	17.31 -2.38 0.00	17.34 -2.39 0.00	20.03 -2.67 0.00	24.14 -3.55 0.00	27.23 -3.87 0.00	23.01 -3.53 0.00	21.98 -3.45 0.00	31.11 -4.95 0.00	26.66 -3.78 0.00	19.48 -2.09 0.00
GOETHSLN____LBMP 323567	21.77 0.50 0.00	19.14 0.42 0.00	19.58 0.32 0.00	20.45 0.23 0.00	21.34 0.18 0.00	19.86 0.33 0.00	18.68 0.46 0.00	18.25 0.50 0.00	19.04 0.44 0.00	20.05 0.71 0.00	19.16 0.65 0.00	20.43 0.63 0.00	20.57 0.69 0.00	20.42 0.73 0.00	20.46 0.73 0.00	23.53 0.83 0.00	28.72 1.04 0.00	32.63 1.53 0.00	28.10 1.56 0.00	26.90 1.48 0.00	37.74 1.68 0.00	31.79 1.36 0.00	22.54 0.97 0.00
GOLAH____69_KV_TB 1_2 80279	20.61 -0.66 0.00	18.20 -0.52 0.00	18.75 -0.51 0.00	19.66 -0.56 0.00	20.54 -0.61 0.00	18.83 -0.70 0.00	17.40 -0.82 0.00	16.81 -0.94 0.00	17.71 -0.89 0.00	18.37 -0.97 0.00	17.64 -0.87 0.00	18.76 -1.05 0.00	18.84 -1.04 0.00	18.72 -0.97 0.00	18.77 -0.96 0.00	21.68 -1.02 0.00	26.28 -1.40 0.00	29.66 -1.44 0.00	25.21 -1.33 0.00	24.08 -1.35 0.00	34.05 -2.02 0.00	28.92 -1.52 0.00	20.81 -0.76 0.00
GOODYEAR_LAKE_HYD 323669	21.93 0.66 0.00	19.31 0.59 0.00	19.83 0.57 0.00	20.80 0.58 0.00	21.76 0.61 0.00	20.01 0.48 0.00	18.67 0.45 0.00	18.19 0.44 0.00	19.07 0.47 0.00	19.92 0.58 0.00	19.07 0.55 0.00	20.35 0.55 0.00	20.42 0.54 0.00	20.20 0.51 0.00	20.29 0.55 0.00	23.32 0.62 0.00	28.42 0.73 0.00	32.05 0.96 0.00	27.45 0.91 0.00	26.28 0.85 0.00	37.09 1.03 0.00	31.29 0.86 0.00	22.24 0.67 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C	21.21	18.63	19.17	20.10	20.99	19.29	18.02	17.54	18.38	19.17	18.37	19.56	19.69	19.47	19.57	22.54	27.41	30.94	26.45	25.40	35.78	30.22	21.58

345031		-0.06 0.00	-0.09 0.00	-0.09 0.00	-0.12 0.00	-0.17 0.00	-0.24 0.00	-0.19 0.00	-0.21 0.00	-0.22 0.00	-0.16 0.00	-0.14 0.00	-0.24 0.00	-0.20 0.00	-0.22 0.00	-0.17 0.00	-0.16 0.00	-0.28 0.00	-0.16 0.00	-0.09 0.00	-0.03 0.00	-0.29 0.00	-0.22 0.00	0.02 0.00
GOUDEY___7 23579		21.23 -0.04 0.00	18.64 -0.08 0.00	19.19 -0.07 0.00	20.11 -0.11 0.00	21.00 -0.15 0.00	19.31 -0.22 0.00	18.04 -0.17 0.00	17.55 -0.20 0.00	18.39 -0.21 0.00	19.19 -0.15 0.00	18.38 -0.13 0.00	19.58 -0.22 0.00	19.70 -0.18 0.00	19.49 -0.20 0.00	19.59 -0.15 0.00	22.56 -0.13 0.00	27.43 -0.25 0.00	30.97 -0.13 0.00	26.47 -0.07 0.00	25.42 0.00 0.00	35.81 -0.26 0.00	30.25 -0.19 0.00	21.60 0.04 0.00
GOUDEY___8 23580		21.21 -0.06 0.00	18.63 -0.09 0.00	19.17 -0.09 0.00	20.10 -0.12 0.00	20.99 -0.17 0.00	19.29 -0.24 0.00	18.02 -0.19 0.00	17.54 -0.21 0.00	18.38 -0.22 0.00	19.17 -0.16 0.00	18.37 -0.14 0.00	19.56 -0.24 0.00	19.69 -0.20 0.00	19.47 -0.22 0.00	19.57 -0.17 0.00	22.54 -0.16 0.00	27.41 -0.28 0.00	30.94 -0.16 0.00	26.45 -0.09 0.00	25.40 -0.03 0.00	35.78 -0.29 0.00	30.22 -0.22 0.00	21.58 0.02 0.00
GOWANUS_GT1_1 24077		21.97 0.70 0.00	19.31 0.59 0.00	19.73 0.47 0.00	20.62 0.40 0.00	21.52 0.37 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.23 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.60 0.91 0.00	20.66 0.92 0.00	23.76 1.06 0.00	28.97 1.28 0.00	32.91 1.81 0.00	28.36 1.82 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.62 0.00	22.74 1.17 0.00
GOWANUS_GT1_2 24078		21.97 0.70 0.00	19.31 0.59 0.00	19.73 0.47 0.00	20.62 0.40 0.00	21.52 0.37 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.23 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.60 0.91 0.00	20.66 0.92 0.00	23.76 1.06 0.00	28.97 1.28 0.00	32.91 1.81 0.00	28.36 1.82 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.62 0.00	22.74 1.17 0.00
GOWANUS_GT1_3 24079		21.97 0.70 0.00	19.31 0.59 0.00	19.73 0.47 0.00	20.62 0.40 0.00	21.52 0.37 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.23 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.60 0.91 0.00	20.66 0.92 0.00	23.76 1.06 0.00	28.97 1.28 0.00	32.91 1.81 0.00	28.36 1.82 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.62 0.00	22.74 1.17 0.00
GOWANUS_GT1_4 24080		21.97 0.70 0.00	19.31 0.59 0.00	19.73 0.47 0.00	20.62 0.40 0.00	21.52 0.37 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.23 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.60 0.91 0.00	20.66 0.92 0.00	23.76 1.06 0.00	28.97 1.28 0.00	32.91 1.81 0.00	28.36 1.82 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.62 0.00	22.74 1.17 0.00
GOWANUS_GT1_5 24084		21.97 0.70 0.00	19.31 0.59 0.00	19.73 0.47 0.00	20.62 0.40 0.00	21.52 0.37 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.23 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.60 0.91 0.00	20.66 0.92 0.00	23.76 1.06 0.00	28.97 1.28 0.00	32.91 1.81 0.00	28.36 1.82 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.0	

24118		0.70 0.00	0.59 0.00	0.48 0.00	0.40 0.00	0.36 0.00	0.50 0.00	0.61 0.00	0.66 0.00	0.60 0.00	0.90 0.00	0.81 0.00	0.82 0.00	0.88 0.00	0.91 0.00	0.92 0.00	1.05 0.00	1.28 0.00	1.81 0.00	1.81 0.00	1.74 0.00	2.00 0.00	1.61 0.00	1.17 0.00
GOWANUS_GT2_6 24119		21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00
GOWANUS_GT2_7 24120		21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00
GOWANUS_GT2_8 24121		21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00
GOWANUS_GT3_1 24122		21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00
GOWANUS_GT3_2 24123		21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00
GOWANUS_GT3_3 24124		21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00
GOWANUS_GT3_4 24125		21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00

24133	0.70 0.00	0.59 0.00	0.47 0.00	0.40 0.00	0.37 0.00	0.50 0.00	0.61 0.00	0.66 0.00	0.60 0.00	0.90 0.00	0.81 0.00	0.82 0.00	0.88 0.00	0.91 0.00	0.92 0.00	1.06 0.00	1.28 0.00	1.81 0.00	1.82 0.00	1.74 0.00	2.00 0.00	1.62 0.00	1.17 0.00
GOWANUS_GT4_5 24134	21.97 0.70 0.00	19.31 0.59 0.00	19.73 0.47 0.00	20.62 0.40 0.00	21.52 0.37 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.23 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.60 0.91 0.00	20.66 0.92 0.00	23.76 1.06 0.00	28.97 1.28 0.00	32.91 1.81 0.00	28.36 1.82 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.62 0.00	22.74 1.17 0.00
GOWANUS_GT4_6 24135	21.97 0.70 0.00	19.31 0.59 0.00	19.73 0.47 0.00	20.62 0.40 0.00	21.52 0.37 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.23 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.60 0.91 0.00	20.66 0.92 0.00	23.76 1.06 0.00	28.97 1.28 0.00	32.91 1.81 0.00	28.36 1.82 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.62 0.00	22.74 1.17 0.00
GOWANUS_GT4_7 24136	21.97 0.70 0.00	19.31 0.59 0.00	19.73 0.47 0.00	20.62 0.40 0.00	21.52 0.37 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.23 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.60 0.91 0.00	20.66 0.92 0.00	23.76 1.06 0.00	28.97 1.28 0.00	32.91 1.81 0.00	28.36 1.82 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.62 0.00	22.74 1.17 0.00
GOWANUS_GT4_8 24137	21.97 0.70 0.00	19.31 0.59 0.00	19.73 0.47 0.00	20.62 0.40 0.00	21.52 0.37 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.23 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.60 0.91 0.00	20.66 0.92 0.00	23.76 1.06 0.00	28.97 1.28 0.00	32.91 1.81 0.00	28.36 1.82 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.62 0.00	22.74 1.17 0.00
GREENBSH_115KV_TB3 55895	21.71 0.44 0.00	19.10 0.37 0.00	19.62 0.36 0.00	20.58 0.36 0.00	21.42 0.27 0.00	19.86 0.33 0.00	18.54 0.33 0.00	18.13 0.38 0.00	18.95 0.35 0.00	19.83 0.49 0.00	18.96 0.45 0.00	20.22 0.42 0.00	20.36 0.48 0.00	20.18 0.49 0.00	20.19 0.46 0.00	23.23 0.53 0.00	28.48 0.79 0.00	32.21 1.11 0.00	27.55 1.01 0.00	26.34 0.91 0.00	37.12 1.06 0.00	31.20 0.77 0.00	22.17 0.60 0.00
GREENDGE_115KV_TB5 80291	21.02 -0.25 0.00	18.43 -0.29 0.00	18.99 -0.28 0.00	19.96 -0.26 0.00	20.91 -0.25 0.00	19.13 -0.40 0.00	17.81 -0.40 0.00	17.28 -0.47 0.00	18.11 -0.49 0.00	18.79 -0.55 0.00	17.96 -0.56 0.00	19.07 -0.74 0.00	19.23 -0.66 0.00	19.06 -0.63 0.00	19.15 -0.58 0.00	22.13 -0.57 0.00	26.90 -0.78 0.00	30.46 -0.64 0.00	26.04 -0.50 0.00	25.01 -0.42 0.00	35.14 -0.92 0.00	29.74 -0.69 0.00	21.36 -0.21 0.00
GREENIDGE___3 23582	21.02 -0.25 0.00	18.43 -0.29 0.00	18.99 -0.28 0.00	19.96 -0.26 0.00	20.91 -0.25 0.00	19.13 -0.40 0.00	17.81 -0.40 0.00	17.28 -0.47 0.00	18.11 -0.49 0.00	18.79 -0.55 0.00	17.96 -0.56 0.00	19.07 -0.74 0.00	19.23 -0.66 0.00	19.06 -0.63 0.00	19.15 -0.58 0.00	22.13 -0.57 0.00	26.90 -0.78 0.00	30.46 -0.64 0.00	26.04 -0.50 0.00	25.01 -0.42 0.00	35.14 -0.92 0.00	29.74 -0.69 0.00	21.36 -0.21 0.00
GREENIDGE___4 23583	21.02 -0.25 0.00	18.43 -0.29 0.00	18.98 -0.28 0.00	19.96 -0.26 0.00	20.91 -0.25 0.00	19.13 -0.41 0.00	17.81 -0.40 0.00	17.28 -0.47 0.00	18.10 -0.49 0.00	18.78 -0.55 0.00	17.96 -0.56 0.00	19.07 -0.74 0.00	19.23 -0.65 0.00	19.06 -0.63 0.00	19.15 -0.58 0.00	22.13 -0.57 0.00	26.90 -0.78 0.00	30.46 -0.64 0.00	26.04 -0.50 0.00	25.01 -0.42 0.00	35.14 -0.92 0.00	29.74 -0.69 0.00	21.36 -0.21 0.00
GREENLWN_69_KV_BK 3 55738	22.09 0.82 0.00	19.40 0.68 0.00	19.86 0.60 0.00	20.68 0.46 0.00	21.64 0.49 0.00	20.21 0.68 0.00	18.89 0.67 0.00	18.36 0.61 0.00	19.11 0.51 0.00	20.18 0.85 0.00	19.21 0.70 0.00	20.46 0.66 0.00	20.63 0.75 0.00	20.55 0.87 0.00	20.73 0.99 0.00	24.20 1.23 -0.27	29.31 1.60 -0.03	33.21 2.12 0.00	28.45 1.91 0.00	27.38 1.89 -0.06	38.08 2.02 0.00	31.84 1.41 0.00	22.73 1.16 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.97 0.70 0.00	19.31 0.59 0.00	19.73 0.47 0.00	20.62 0.40 0.00	21.52 0.37 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.23 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.60 0.91 0.00	20.66 0.92 0.00	23.76 1.06 0.00	28.97 1.28 0.00	32.91 1.81 0.00	28.36 1.82 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.62 0.00	22.74 1.17 0.00
GRISSOM___SOLAR 323813	23.11 1.84 0.00	20.34 1.61 0.00	20.86 1.60 0.00	21.95 1.73 0.00	23.05 1.90 0.00	21.27 1.74 0.00	19.80 1.59 0.00	19.27 1.52 0.00	20.29 1.69 0.00	20.96 1.63 0.00	20.19 1.68 0.00	21.63 1.82 0.00	21.61 1.73 0.00	21.41 1.73 0.00	21.48 1.75 0.00	24.69 1.99 0.00	30.21 2.53 0.00	34.28 3.18 0.00	29.36 2.82 0.00	28.02 2.60 0.00	39.60 3.53 0.00	33.43 2.99 0.00	23.66 2.10 0.00
GROVEVILLE___HYD 323602	22.05 0.78 0.00	19.38 0.65 0.00	19.85 0.59 0.00	20.77 0.55 0.00	21.66 0.51 0.00	20.14 0.60 0.00	18.88 0.66 0.00	18.44 0.69 0.00	19.26 0.66 0.00	20.21 0.88 0.00	19.33 0.82 0.00	20.62 0.82 0.00	20.76 0.88 0.00	20.59 0.90 0.00	20.63 0.90 0.00	23.77 1.06 0.00	29.08 1.40 0.00	33.01 1.91 0.00	28.36 1.82 0.00	27.12 1.70 0.00	38.08 2.02 0.00	32.00 1.57 0.00	22.71 1.14 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.23 -0.04 0.00	18.68 -0.05 0.00	19.22 -0.04 0.00	20.16 -0.06 0.00	21.03 -0.12 0.00	19.27 -0.25 0.00	17.94 -0.27 0.00	17.48 -0.27 0.00	18.32 -0.28 0.00	19.14 -0.20 0.00	18.36 -0.15 0.00	19.57 -0.23 0.00	19.66 -0.23 0.00	19.48 -0.21 0.00	19.54 -0.19 0.00	22.47 -0.23 0.00	27.37 -0.32 0.00	30.83 -0.27 0.00	26.34 -0.20 0.00	25.22 -0.21 0.00	35.65 -0.41 0.00	30.09 -0.35 0.00	21.45 -0.12 0.00
HAMLTNNY_34_KV_TB 80303	21.24 -0.04 0.00	18.67 -0.05 0.00	19.21 -0.05 0.00	20.16 -0.06 0.00	21.03 -0.12 0.00	19.26 -0.27 0.00	17.93 -0.28 0.00	17.48 -0.28 0.00	18.32 -0.28 0.00	19.14 -0.20 0.00	18.36 -0.15 0.00	19.57 -0.24 0.00	19.66 -0.23 0.00	19.47 -0.22 0.00	19.53 -0.21 0.00	22.46 -0.24 0.00	27.36 -0.33 0.00	30.85 -0.25 0.00	26.38 -0.16 0.00	25.25 -0.18 0.00	35.67 -0.40 0.00	30.08 -0.35 0.00	21.45 -0.12 0.00
HAMPSHIRE___PAPER_HYD	20.37	17.91	18.64	19.74	20.84	19.14	17.77	17.24	18.19	18.73	17.96	19.23	19.17	19.58	22.89	22.64	30.40	34.28	30.28	29.06	40.59	34.69	25.13

323593	-0.90 0.00	-0.81 0.00	-0.62 0.00	-0.48 0.00	-0.32 0.00	-0.39 0.00	-0.45 0.00	-0.51 0.00	-0.41 0.00	-0.61 0.00	-0.56 0.00	-0.57 0.00	-0.71 0.00	-0.78 -0.68	-0.71 -3.87	-0.80 -0.74	-1.10 -3.81	-1.31 -4.49	-1.16 -4.90	-1.16 -4.79	-1.37 -5.89	-1.09 -5.33	-0.85 -4.41
HARDSCRABBLE_WT_PWR 323673	20.78 -0.49 0.00	18.48 -0.24 0.00	18.89 -0.38 0.00	19.85 -0.37 0.00	20.79 -0.36 0.00	19.28 -0.25 0.00	17.95 -0.26 0.00	17.48 -0.27 0.00	18.29 -0.31 0.00	19.06 -0.27 0.00	18.21 -0.30 0.00	19.46 -0.35 0.00	19.52 -0.36 0.00	19.35 -0.33 0.00	19.34 -0.39 0.00	22.25 -0.45 0.00	27.32 -0.36 0.00	30.97 -0.13 0.00	26.61 0.07 0.00	25.48 0.06 0.00	35.80 -0.26 0.00	29.97 -0.47 0.00	21.24 -0.33 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.94 0.67 0.00	19.28 0.56 0.00	19.75 0.49 0.00	20.65 0.43 0.00	21.55 0.40 0.00	20.03 0.50 0.00	18.79 0.57 0.00	18.35 0.60 0.00	19.16 0.55 0.00	20.13 0.79 0.00	19.24 0.73 0.00	20.52 0.72 0.00	20.68 0.80 0.00	20.50 0.81 0.00	20.56 0.83 0.00	23.67 0.97 0.00	28.92 1.24 0.00	32.82 1.73 0.00	28.21 1.67 0.00	26.98 1.56 0.00	37.91 1.85 0.00	31.91 1.47 0.00	22.64 1.07 0.00
HARSNRAD_115KV_TB1 81005	19.89 -1.38 0.00	17.64 -1.08 0.00	18.17 -1.09 0.00	19.04 -1.18 0.00	19.89 -1.26 0.00	18.19 -1.34 0.00	16.69 -1.52 0.00	16.01 -1.74 0.00	16.92 -1.69 0.00	17.43 -1.90 0.00	16.79 -1.73 0.00	17.80 -2.01 0.00	17.85 -2.03 0.00	17.74 -1.94 0.00	17.78 -1.96 0.00	20.54 -2.16 0.00	24.77 -2.92 0.00	27.95 -3.15 0.00	23.63 -2.90 0.00	22.58 -2.85 0.00	31.94 -4.13 0.00	27.34 -3.10 0.00	19.88 -1.68 0.00
HARZA MOOSE__RIVER 24016	21.05 -0.22 0.00	18.50 -0.22 0.00	19.22 -0.04 0.00	20.30 0.08 0.00	21.32 0.17 0.00	19.48 -0.05 0.00	18.08 -0.13 0.00	17.56 -0.19 0.00	18.49 -0.11 0.00	19.18 -0.15 0.00	18.40 -0.11 0.00	19.65 -0.16 0.00	19.67 -0.22 0.00	19.63 -0.24 -0.19	20.68 -0.14 -1.08	22.72 -0.19 -0.21	28.53 -0.23 -1.07	32.17 -0.19 -1.26	27.79 -0.12 -1.37	26.59 -0.18 -1.34	37.55 -0.17 -1.65	31.71 -0.22 -1.50	22.64 -0.17 -1.24
HDSNBRDG_115KV_BRDG_TB1 355580	21.08 -0.19 0.00	18.54 -0.17 0.00	19.08 -0.18 0.00	20.00 -0.22 0.00	20.86 -0.29 0.00	19.13 -0.40 0.00	17.80 -0.42 0.00	17.33 -0.42 0.00	18.17 -0.43 0.00	18.97 -0.37 0.00	18.21 -0.31 0.00	19.39 -0.41 0.00	19.49 -0.39 0.00	19.32 -0.37 0.00	19.38 -0.35 0.00	22.28 -0.42 0.00	27.11 -0.57 0.00	30.51 -0.58 0.00	26.06 -0.48 0.00	24.95 -0.48 0.00	35.28 -0.78 0.00	29.84 -0.60 0.00	21.28 -0.29 0.00
HELLGATE_13_KV_LD 55870	21.88 0.61 0.00	19.24 0.52 0.00	19.67 0.40 0.00	20.55 0.33 0.00	21.44 0.29 0.00	19.95 0.42 0.00	18.75 0.54 0.00	18.33 0.58 0.00	19.14 0.53 0.00	20.15 0.81 0.00	19.25 0.73 0.00	20.53 0.72 0.00	20.66 0.78 0.00	20.51 0.82 0.00	20.56 0.83 0.00	23.64 0.94 0.00	28.85 1.17 0.00	32.77 1.68 0.00	28.24 1.70 0.00	27.03 1.61 0.00	37.89 1.82 0.00	31.89 1.45 0.00	22.63 1.06 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.88 0.61 0.00	19.24 0.52 0.00	19.67 0.40 0.00	20.55 0.33 0.00	21.44 0.29 0.00	19.95 0.42 0.00	18.75 0.54 0.00	18.33 0.58 0.00	19.14 0.53 0.00	20.15 0.81 0.00	19.25 0.73 0.00	20.53 0.72 0.00	20.66 0.78 0.00	20.51 0.82 0.00	20.56 0.83 0.00	23.64 0.94 0.00	28.85 1.17 0.00	32.77 1.68 0.00	28.24 1.70 0.00	27.03 1.61 0.00	37.89 1.82 0.00	31.89 1.45 0.00	22.63 1.06 0.00
HEMPSTEAD____ 23647	22.13 0.86 0.00	19.44 0.72 0.00	19.88 0.62 0.00	20.71 0.49 0.00	21.66 0.51 0.00	20.22 0.69 0.00	18.91 0.69 0.00	18.41 0.66 0.00	19.17 0.57 0.00	20.22 0.89 0.00	19.26 0.75 0.00	20.55 0.75 0.00	20.73 0.85 0.00	20.65 0.97 0.00	20.80 1.06 0.00	25.17 1.28 -1.19	29.44 1.62 -0.13	33.26 2.17 0.00	28.54 2.00 0.00	27.63 1.94 -0.27	38.22 2.16 0.00	32.04 1.60 0.00	22.84 1.27 0.00
HEWLETT__69_KV_BK3 55828	22.28 1.01 0.00	19.57 0.85 0.00	20.01 0.75 0.00	20.85 0.64 0.00	21.81 0.66 0.00	20.35 0.82 0.00	19.03 0.81 0.00	18.53 0.77 0.00	19.30 0.70 0.00	20.37 1.04 0.00	19.41 0.89 0.00	20.74 0.94 0.00	20.87 1.00 0.00	20.82 1.13 0.00	20.95 1.21 0.00	27.67 1.44 -3.53	29.88 1.80 -0.40	33.45 2.35 0.00	28.77 2.23 0.00	28.36 2.14 -0.79	38.53 2.46 0.00	32.33 1.89 0.00	23.01 1.44 0.00
HICKLING__1 23621	21.02 -0.25 0.00	18.38 -0.35 0.00	18.94 -0.32 0.00	19.92 -0.31 0.00	20.87 -0.28 0.00	19.12 -0.42 0.00	17.84 -0.37 0.00	17.31 -0.45 0.00	18.11 -0.49 0.00	18.78 -0.55 0.00	17.99 -0.52 0.00	19.15 -0.65 0.00	19.30 -0.58 0.00	19.06 -0.63 0.00	19.19 -0.54 0.00	22.19 -0.52 0.00	26.92 -0.77 0.00	30.44 -0.65 0.00	26.02 -0.52 0.00	25.11 -0.32 0.00	35.26 -0.81 0.00	29.82 -0.62 0.00	21.42 -0.15 0.00
HICKLING__2 23622	21.02 -0.25 0.00	18.38 -0.35 0.00	18.94 -0.32 0.00	19.92 -0.31 0.00	20.87 -0.28 0.00	19.12 -0.42 0.00	17.84 -0.37 0.00	17.31 -0.45 0.00	18.11 -0.49 0.00	18.78 -0.55 0.00	17.99 -0.52 0.00	19.15 -0.65 0.00	19.30 -0.58 0.00	19.06 -0.63 0.00	19.19 -0.54 0.00	22.19 -0.52 0.00	26.92 -0.77 0.00	30.44 -0.65 0.00	26.02 -0.52 0.00	25.11 -0.32 0.00	35.26 -0.81 0.00	29.82 -0.62 0.00	21.42 -0.15 0.00
HIGH FALLS__HY 23754	22.12 0.85 0.00	19.43 0.71 0.00	19.89 0.63 0.00	20.78 0.56 0.00	21.71 0.56 0.00	20.17 0.64 0.00	18.93 0.72 0.00	18.48 0.73 0.00	19.30 0.70 0.00	20.24 0.90 0.00	19.35 0.83 0.00	20.62 0.81 0.00	20.78 0.91 0.00	20.55 0.86 0.00	20.62 0.89 0.00	23.87 1.17 0.00	29.14 1.45 0.00	33.09 1.99 0.00	28.50 1.96 0.00	27.27 1.85 0.00	38.29 2.23 0.00	32.20 1.76 0.00	22.83 1.26 0.00
HILLBURN__GT 23639	21.92 0.65 0.00	19.26 0.54 0.00	19.73 0.47 0.00	20.60 0.38 0.00	21.51 0.36 0.00	20.01 0.47 0.00	18.77 0.56 0.00	18.33 0.58 0.00	19.14 0.54 0.00	20.13 0.79 0.00	19.23 0.72 0.00	20.51 0.70 0.00	20.67 0.79 0.00	20.49 0.80 0.00	20.54 0.81 0.00	23.64 0.94 0.00	28.87 1.19 0.00	32.78 1.69 0.00	28.19 1.65 0.00	26.99 1.56 0.00	37.89 1.82 0.00	31.92 1.48 0.00	22.65 1.08 0.00
HILLSIDE_115KV_TB1 80332	20.82 -0.45 0.00	18.22 -0.50 0.00	18.78 -0.48 0.00	19.70 -0.51 0.00	20.63 -0.52 0.00	18.93 -0.60 0.00	17.70 -0.51 0.00	17.19 -0.56 0.00	17.99 -0.61 0.00	18.71 -0.62 0.00	17.94 -0.58 0.00	19.09 -0.72 0.00	19.23 -0.65 0.00	18.99 -0.70 0.00	19.13 -0.61 0.00	22.07 -0.63 0.00	26.78 -0.91 0.00	30.26 -0.83 0.00	25.85 -0.69 0.00	24.94 -0.48 0.00	35.02 -1.04 0.00	29.61 -0.83 0.00	21.25 -0.32 0.00
HISHELDN_WT_PWR	20.01	17.75	18.26	19.10	19.92	18.18	16.69	16.08	16.87	17.39	16.75	17.75	17.84	17.73	17.73	20.45	24.65	27.72	23.47	22.44	31.73	27.17	19.71

323625	-1.26 0.00	-0.97 0.00	-1.00 0.00	-1.12 0.00	-1.23 0.00	-1.36 0.00	-1.53 0.00	-1.67 0.00	-1.73 0.00	-1.94 0.00	-1.77 0.00	-2.05 0.00	-2.04 0.00	-1.95 0.00	-2.00 0.00	-2.25 0.00	-3.04 0.00	-3.37 0.00	-3.07 0.00	-2.99 0.00	-4.34 0.00	-3.27 0.00	-1.86 0.00
HOLTSVILLE_IC_1 23690	22.11 0.84 0.00	19.43 0.72 0.00	19.90 0.64 0.00	20.70 0.48 0.00	21.74 0.59 0.00	20.39 0.86 0.00	19.00 0.79 0.00	18.42 0.67 0.00	19.10 0.51 0.00	20.15 0.81 0.00	19.16 0.65 0.00	20.36 0.56 0.00	20.51 0.63 0.00	20.51 0.82 0.00	20.69 0.95 0.00	24.14 1.21 -0.23	29.32 1.60 -0.03	33.25 2.15 0.00	28.46 1.92 0.00	27.37 1.89 -0.05	38.04 1.98 0.00	31.86 1.43 0.00	22.75 1.18 0.00
HOLTSVILLE_IC_10 23699	22.18 0.91 0.00	19.50 0.78 0.00	19.97 0.71 0.00	20.76 0.54 0.00	21.82 0.67 0.00	20.48 0.95 0.00	19.08 0.87 0.00	18.48 0.73 0.00	19.16 0.56 0.00	20.20 0.87 0.00	19.20 0.69 0.00	20.40 0.60 0.00	20.55 0.67 0.00	20.57 0.88 0.00	20.76 1.02 0.00	24.25 1.31 -0.24	29.45 1.74 -0.03	33.41 2.32 0.00	28.61 2.07 0.00	27.50 2.02 -0.05	38.22 2.15 0.00	31.99 1.56 0.00	22.84 1.27 0.00
HOLTSVILLE_IC_2 23691	22.11 0.84 0.00	19.43 0.72 0.00	19.90 0.64 0.00	20.70 0.48 0.00	21.74 0.59 0.00	20.39 0.86 0.00	19.00 0.79 0.00	18.42 0.67 0.00	19.10 0.51 0.00	20.15 0.81 0.00	19.16 0.65 0.00	20.36 0.56 0.00	20.51 0.63 0.00	20.51 0.82 0.00	20.69 0.95 0.00	24.14 1.21 -0.23	29.32 1.60 -0.03	33.25 2.15 0.00	28.46 1.92 0.00	27.37 1.89 -0.05	38.04 1.98 0.00	31.86 1.43 0.00	22.75 1.18 0.00
HOLTSVILLE_IC_3 23692	22.11 0.84 0.00	19.43 0.72 0.00	19.90 0.64 0.00	20.70 0.48 0.00	21.74 0.59 0.00	20.39 0.86 0.00	19.00 0.79 0.00	18.42 0.67 0.00	19.10 0.51 0.00	20.15 0.81 0.00	19.16 0.65 0.00	20.36 0.56 0.00	20.51 0.63 0.00	20.51 0.82 0.00	20.69 0.95 0.00	24.14 1.21 -0.23	29.32 1.60 -0.03	33.25 2.15 0.00	28.46 1.92 0.00	27.37 1.89 -0.05	38.04 1.98 0.00	31.86 1.43 0.00	22.75 1.18 0.00
HOLTSVILLE_IC_4 23693	22.11 0.84 0.00	19.43 0.72 0.00	19.90 0.64 0.00	20.70 0.48 0.00	21.74 0.59 0.00	20.39 0.86 0.00	19.00 0.79 0.00	18.42 0.67 0.00	19.10 0.51 0.00	20.15 0.81 0.00	19.16 0.65 0.00	20.36 0.56 0.00	20.51 0.63 0.00	20.51 0.82 0.00	20.69 0.95 0.00	24.14 1.21 -0.23	29.32 1.60 -0.03	33.25 2.15 0.00	28.46 1.92 0.00	27.37 1.89 -0.05	38.04 1.98 0.00	31.86 1.43 0.00	22.75 1.18 0.00
HOLTSVILLE_IC_5 23694	22.11 0.84 0.00	19.43 0.72 0.00	19.90 0.64 0.00	20.70 0.48 0.00	21.74 0.59 0.00	20.39 0.86 0.00	19.00 0.79 0.00	18.42 0.67 0.00	19.10 0.51 0.00	20.15 0.81 0.00	19.16 0.65 0.00	20.36 0.56 0.00	20.51 0.63 0.00	20.51 0.82 0.00	20.69 0.95 0.00	24.14 1.21 -0.23	29.32 1.60 -0.03	33.25 2.15 0.00	28.46 1.92 0.00	27.37 1.89 -0.05	38.04 1.98 0.00	31.86 1.43 0.00	22.75 1.18 0.00
HOLTSVILLE_IC_6 23695	22.18 0.91 0.00	19.50 0.78 0.00	19.97 0.71 0.00	20.76 0.54 0.00	21.82 0.67 0.00	20.48 0.95 0.00	19.08 0.87 0.00	18.48 0.73 0.00	19.16 0.56 0.00	20.20 0.87 0.00	19.20 0.69 0.00	20.40 0.60 0.00	20.55 0.67 0.00	20.57 0.88 0.00	20.76 1.02 0.00	24.25 1.31 -0.24	29.45 1.74 -0.03	33.41 2.32 0.00	28.61 2.07 0.00	27.50 2.02 -0.05	38.22 2.15 0.00	31.99 1.56 0.00	22.84 1.27 0.00
HOLTSVILLE_IC_7 23696	22.18 0.91 0.00	19.50 0.78 0.00	19.97 0.71 0.00	20.76 0.54 0.00	21.82 0.67 0.00	20.48 0.95 0.00	19.08 0.87 0.00	18.48 0.73 0.00	19.16 0.56 0.00	20.20 0.87 0.00	19.20 0.69 0.00	20.40 0.60 0.00	20.55 0.67 0.00	20.57 0.88 0.00	20.76 1.02 0.00	24.25 1.31 -0.24	29.45 1.74 -0.03	33.41 2.32 0.00	28.61 2.07 0.00	27.50 2.02 -0.05	38.22 2.15 0.00	31.99 1.56 0.00	22.84 1.27 0.00
HOLTSVILLE_IC_8 23697	22.18 0.91 0.00	19.50 0.78 0.00	19.97 0.71 0.00	20.76 0.54 0.00	21.82 0.67 0.00	20.48 0.95 0.00	19.08 0.87 0.00	18.48 0.73 0.00	19.16 0.56 0.00	20.20 0.87 0.00	19.20 0.69 0.00	20.40 0.60 0.00	20.55 0.67 0.00	20.57 0.88 0.00	20.76 1.02 0.00	24.25 1.31 -0.24	29.45 1.74 -0.03	33.41 2.32 0.00	28.61 2.07 0.00	27.50 2.02 -0.05	38.22 2.15 0.00	31.99 1.56 0.00	22.84 1.27 0.00
HOLTSVILLE_IC_9 23698	22.18 0.91 0.00	19.50 0.78 0.00	19.97 0.71 0.00	20.76 0.54 0.00	21.82 0.67 0.00	20.48 0.95 0.00	19.08 0.87 0.00	18.48 0.73 0.00	19.16 0.56 0.00	20.20 0.87 0.00	19.20 0.69 0.00	20.40 0.60 0.00	20.55 0.67 0.00	20.57 0.88 0.00	20.76 1.02 0.00	24.25 1.31 -0.24	29.45 1.74 -0.03	33.41 2.32 0.00	28.61 2.07 0.00	27.50 2.02 -0.05	38.22 2.15 0.00	31.99 1.56 0.00	22.84 1.27 0.00
HOMER_HL_115KV_TB2 355744	21.16 -0.11 0.00	18.60 -0.12 0.00	19.23 -0.03 0.00	20.13 -0.09 0.00	21.02 -0.14 0.00	19.30 -0.23 0.00	17.85 -0.36 0.00	17.18 -0.57 0.00	18.01 -0.59 0.00	18.73 -0.60 0.00	18.05 -0.47 0.00	19.25 -0.55 0.00	19.41 -0.47 0.00	19.21 -0.48 0.00	19.26 -0.47 0.00	22.22 -0.48 0.00	26.66 -1.03 0.00	30.15 -0.95 0.00	25.63 -0.91 0.00	24.58 -0.84 0.00	34.79 -1.27 0.00	29.84 -0.59 0.00	21.57 0.00 0.00
HOWARD_WT_PWR 323690	20.69 -0.58 0.00	18.07 -0.65 0.00	18.62 -0.64 0.00	19.71 -0.50 0.00	20.80 -0.35 0.00	18.73 -0.80 0.00	17.30 -0.91 0.00	16.71 -1.04 0.00	17.48 -1.12 0.00	17.86 -1.48 0.00	17.08 -1.43 0.00	18.07 -1.74 0.00	18.28 -1.60 0.00	18.03 -1.66 0.00	18.12 -1.61 0.00	20.97 -1.73 0.00	25.49 -2.20 0.00	28.93 -2.17 0.00	24.74 -1.80 0.00	23.87 -1.55 0.00	33.60 -2.46 0.00	28.68 -1.76 0.00	20.87 -0.70 0.00
HQ_GEN_CEDARS 23644	21.16 -0.11 0.00	18.65 -0.08 0.00	19.25 -0.01 0.00	20.30 0.08 0.00	21.40 0.25 0.00	19.93 0.40 0.00	18.58 0.36 0.00	18.06 0.30 0.00	18.99 0.39 0.00	19.51 0.18 0.00	18.67 0.16 0.00	20.06 0.26 0.00	20.04 0.16 0.00	20.06 0.09 -0.29	21.47 0.10 -1.63	23.16 0.14 -0.31	29.22 -0.08 -1.61	32.67 -0.33 -1.90	28.21 -0.40 -2.07	27.05 -0.39 -2.02	38.34 -0.21 -2.49	32.79 0.10 -2.25	23.39 -0.04 -1.86
HQ_GEN_CEDARS_PROXY 323590	21.16 -0.11 0.00	18.65 -0.08 0.00	19.25 -0.01 0.00	20.30 0.08 0.00	21.40 0.25 0.00	19.93 0.40 0.00	18.58 0.36 0.00	18.06 0.30 0.00	18.99 0.39 0.00	19.51 0.18 0.00	18.67 0.16 0.00	20.06 0.26 0.00	20.04 0.16 0.00	20.06 0.09 -0.29	21.46 0.10 -1.63	23.16 0.14 -0.31	29.22 -0.08 -1.61	32.67 -0.33 -1.90	28.21 -0.40 -2.07	27.05 -0.39 -2.02	38.35 -0.21 -2.49	32.79 0.10 -2.25	23.39 -0.04 -1.86
HQ_GEN_IMPORT	21.24	18.70	19.28	20.28	21.31	19.71	18.38	17.89	18.78	19.37	18.54	19.92	19.95	19.73	19.77	22.76	27.69	30.87	26.35	24.75	35.99	30.46	21.47

323601	-0.03 0.00	-0.02 0.00	0.02 0.00	0.06 0.00	0.16 0.00	0.18 0.00	0.16 0.00	0.13 0.00	0.18 0.00	0.03 0.00	0.02 0.00	0.12 0.00	0.07 0.00	0.04 0.00	0.04 0.00	0.05 0.00	0.01 0.00	-0.23 0.00	-0.29 -0.09	-0.24 0.44	-0.07 0.00	0.02 0.00	-0.10 0.00
HQ_GEN_WHEEL 23651	21.24 -0.03 0.00	18.70 -0.02 0.00	19.28 0.02 0.00	20.28 0.06 0.00	21.31 0.16 0.00	19.71 0.18 0.00	18.38 0.16 0.00	17.89 0.13 0.00	18.78 0.18 0.00	19.37 0.03 0.00	18.54 0.02 0.00	19.92 0.12 0.00	19.95 0.07 0.00	19.73 0.04 0.00	19.77 0.04 0.00	22.76 0.05 0.00	27.69 0.01 0.00	30.87 -0.23 0.00	26.35 -0.29 -0.09	24.75 -0.24 0.44	35.99 -0.07 0.00	30.46 0.02 0.00	21.47 -0.10 0.00
HUDSON AVE_GT_3 23810	21.94 0.66 0.00	19.29 0.56 0.00	19.73 0.47 0.00	20.61 0.39 0.00	21.50 0.34 0.00	20.01 0.48 0.00	18.80 0.59 0.00	18.37 0.62 0.00	19.18 0.58 0.00	20.19 0.86 0.00	19.30 0.79 0.00	20.58 0.78 0.00	20.72 0.84 0.00	20.57 0.89 0.00	20.62 0.89 0.00	23.71 1.01 0.00	28.94 1.26 0.00	32.86 1.77 0.00	28.31 1.78 0.00	27.11 1.68 0.00	38.01 1.95 0.00	32.00 1.57 0.00	22.69 1.13 0.00
HUDSON AVE_GT_4 23540	21.94 0.66 0.00	19.29 0.56 0.00	19.73 0.47 0.00	20.61 0.39 0.00	21.50 0.34 0.00	20.01 0.48 0.00	18.80 0.59 0.00	18.37 0.62 0.00	19.18 0.58 0.00	20.19 0.86 0.00	19.30 0.79 0.00	20.58 0.78 0.00	20.72 0.84 0.00	20.57 0.89 0.00	20.62 0.89 0.00	23.71 1.01 0.00	28.94 1.26 0.00	32.86 1.77 0.00	28.31 1.78 0.00	27.11 1.68 0.00	38.01 1.95 0.00	32.00 1.57 0.00	22.69 1.13 0.00
HUDSON AVE_GT_5 23657	21.94 0.66 0.00	19.29 0.56 0.00	19.73 0.47 0.00	20.61 0.39 0.00	21.50 0.34 0.00	20.01 0.48 0.00	18.80 0.59 0.00	18.37 0.62 0.00	19.18 0.58 0.00	20.19 0.86 0.00	19.30 0.79 0.00	20.58 0.78 0.00	20.72 0.84 0.00	20.57 0.89 0.00	20.62 0.89 0.00	23.71 1.01 0.00	28.94 1.26 0.00	32.86 1.77 0.00	28.31 1.78 0.00	27.11 1.68 0.00	38.01 1.95 0.00	32.00 1.57 0.00	22.69 1.13 0.00
HUDSON_AVE_10 24168	21.89 0.62 0.00	19.26 0.54 0.00	19.70 0.43 0.00	20.57 0.35 0.00	21.45 0.30 0.00	19.97 0.44 0.00	18.77 0.56 0.00	18.35 0.59 0.00	19.15 0.54 0.00	20.16 0.82 0.00	19.28 0.76 0.00	20.54 0.74 0.00	20.68 0.80 0.00	20.54 0.85 0.00	20.59 0.86 0.00	23.66 0.96 0.00	28.89 1.21 0.00	32.80 1.71 0.00	28.27 1.73 0.00	27.06 1.63 0.00	37.95 1.89 0.00	31.96 1.52 0.00	22.65 1.08 0.00
HUDSON___115KV_TB 4 355613	22.13 0.86 0.00	19.44 0.72 0.00	19.98 0.72 0.00	20.95 0.74 0.00	21.83 0.68 0.00	20.25 0.72 0.00	18.90 0.69 0.00	18.49 0.74 0.00	19.31 0.71 0.00	20.22 0.89 0.00	19.32 0.80 0.00	20.60 0.80 0.00	20.72 0.84 0.00	20.56 0.88 0.00	20.59 0.86 0.00	23.66 0.96 0.00	29.10 1.42 0.00	32.94 1.85 0.00	28.16 1.61 0.00	26.91 1.48 0.00	37.93 1.87 0.00	31.85 1.41 0.00	22.60 1.03 0.00
HUNTER MOUNT___DRP 323613	22.29 1.02 0.00	19.58 0.86 0.00	20.14 0.88 0.00	21.13 0.91 0.00	22.01 0.86 0.00	20.41 0.87 0.00	19.04 0.82 0.00	18.64 0.88 0.00	19.46 0.86 0.00	20.37 1.04 0.00	19.46 0.95 0.00	20.75 0.94 0.00	20.85 0.97 0.00	20.71 1.03 0.00	20.74 1.00 0.00	23.81 1.11 0.00	29.35 1.66 0.00	33.22 2.12 0.00	28.37 1.82 0.00	27.09 1.66 0.00	38.19 2.12 0.00	32.03 1.60 0.00	22.73 1.16 0.00
HUNTINGTON_RES_REC 323705	22.11 0.83 0.00	19.43 0.71 0.00	19.88 0.62 0.00	20.68 0.46 0.00	21.68 0.53 0.00	20.29 0.76 0.00	18.94 0.73 0.00	18.38 0.63 0.00	19.10 0.50 0.00	20.15 0.82 0.00	19.19 0.67 0.00	20.40 0.60 0.00	20.56 0.68 0.00	20.54 0.85 0.00	20.73 1.00 0.00	24.21 1.27 -0.25	29.38 1.67 -0.03	33.31 2.21 0.00	28.53 1.99 0.00	27.43 1.95 -0.05	38.14 2.07 0.00	31.89 1.45 0.00	22.76 1.19 0.00
HUNTLEY___63 23557	20.06 -1.21 0.00	17.78 -0.94 0.00	18.31 -0.94 0.00	19.19 -1.02 0.00	20.06 -1.09 0.00	18.35 -1.18 0.00	16.85 -1.37 0.00	16.17 -1.58 0.00	17.08 -1.53 0.00	17.61 -1.73 0.00	16.95 -1.57 0.00	17.93 -1.88 0.00	17.98 -1.90 0.00	17.88 -1.81 0.00	17.92 -1.82 0.00	20.70 -2.01 0.00	24.97 -2.72 0.00	28.17 -2.93 0.00	23.82 -2.72 0.00	22.77 -2.65 0.00	32.20 -3.86 0.00	27.55 -2.89 0.00	20.05 -1.52 0.00
HUNTLEY___64 23558	20.06 -1.21 0.00	17.78 -0.94 0.00	18.31 -0.94 0.00	19.19 -1.02 0.00	20.06 -1.09 0.00	18.35 -1.18 0.00	16.85 -1.37 0.00	16.17 -1.58 0.00	17.08 -1.53 0.00	17.61 -1.73 0.00	16.95 -1.57 0.00	17.93 -1.88 0.00	17.98 -1.90 0.00	17.88 -1.81 0.00	17.92 -1.82 0.00	20.70 -2.01 0.00	24.97 -2.72 0.00	28.17 -2.93 0.00	23.82 -2.72 0.00	22.77 -2.65 0.00	32.20 -3.86 0.00	27.55 -2.89 0.00	20.05 -1.52 0.00
HUNTLEY___65 23559	20.06 -1.21 0.00	17.78 -0.94 0.00	18.31 -0.94 0.00	19.19 -1.02 0.00	20.06 -1.09 0.00	18.35 -1.18 0.00	16.85 -1.37 0.00	16.17 -1.58 0.00	17.08 -1.53 0.00	17.61 -1.73 0.00	16.95 -1.57 0.00	17.93 -1.88 0.00	17.98 -1.90 0.00	17.88 -1.81 0.00	17.92 -1.82 0.00	20.70 -2.01 0.00	24.97 -2.72 0.00	28.17 -2.93 0.00	23.82 -2.72 0.00	22.77 -2.65 0.00	32.20 -3.86 0.00	27.55 -2.89 0.00	20.05 -1.52 0.00
HUNTLEY___66 23560	20.06 -1.21 0.00	17.78 -0.94 0.00	18.31 -0.94 0.00	19.19 -1.02 0.00	20.06 -1.09 0.00	18.35 -1.18 0.00	16.85 -1.37 0.00	16.17 -1.58 0.00	17.08 -1.53 0.00	17.61 -1.73 0.00	16.95 -1.57 0.00	17.93 -1.88 0.00	17.98 -1.90 0.00	17.88 -1.81 0.00	17.92 -1.82 0.00	20.70 -2.01 0.00	24.97 -2.72 0.00	28.17 -2.93 0.00	23.82 -2.72 0.00	22.77 -2.65 0.00	32.20 -3.86 0.00	27.55 -2.89 0.00	20.05 -1.52 0.00
HUNTLEY___67 23561	20.01 -1.26 0.00	17.73 -0.99 0.00	18.27 -0.99 0.00	19.14 -1.08 0.00	20.00 -1.16 0.00	18.30 -1.23 0.00	16.81 -1.40 0.00	16.15 -1.61 0.00	17.04 -1.56 0.00	17.57 -1.76 0.00	16.91 -1.60 0.00	17.93 -1.88 0.00	17.99 -1.89 0.00	17.87 -1.81 0.00	17.91 -1.82 0.00	20.68 -2.03 0.00	24.93 -2.76 0.00	28.12 -2.98 0.00	23.79 -2.75 0.00	22.75 -2.68 0.00	32.18 -3.89 0.00	27.52 -2.92 0.00	19.99 -1.58 0.00
HUNTLEY___68 23562	20.01 -1.26 0.00	17.73 -0.99 0.00	18.27 -0.99 0.00	19.14 -1.08 0.00	20.00 -1.16 0.00	18.30 -1.23 0.00	16.81 -1.40 0.00	16.15 -1.61 0.00	17.04 -1.56 0.00	17.57 -1.76 0.00	16.91 -1.60 0.00	17.93 -1.88 0.00	17.99 -1.89 0.00	17.87 -1.81 0.00	17.91 -1.82 0.00	20.68 -2.03 0.00	24.93 -2.76 0.00	28.12 -2.98 0.00	23.79 -2.75 0.00	22.75 -2.68 0.00	32.18 -3.89 0.00	27.52 -2.92 0.00	19.99 -1.58 0.00
HYLAND___LFGE	21.38	18.73	19.29	20.32	21.33	19.47	18.06	17.45	18.11	18.58	17.65	18.70	18.82	18.72	18.77	21.84	27.08	30.72	26.35	25.39	35.80	30.33	21.82



323620	0.11 0.00	0.01 0.00	0.03 0.00	0.10 0.00	0.17 0.00	-0.06 0.00	-0.16 0.00	-0.30 0.00	-0.49 0.00	-0.76 0.00	-0.87 0.00	-1.11 0.00	-1.06 0.00	-0.97 0.00	-0.96 0.00	-0.86 0.00	-0.61 0.00	-0.37 0.00	-0.19 0.00	-0.04 0.00	-0.27 0.00	-0.10 0.00	0.25 0.00
INDECK___CORINTH 23802	21.94 0.66 0.00	19.29 0.56 0.00	19.84 0.58 0.00	20.80 0.58 0.00	21.62 0.46 0.00	20.13 0.60 0.00	18.84 0.62 0.00	18.53 0.78 0.00	19.38 0.78 0.00	20.16 0.83 0.00	19.18 0.67 0.00	20.48 0.68 0.00	20.62 0.74 0.00	20.44 0.75 0.00	20.47 0.74 0.00	23.61 0.91 0.00	29.09 1.40 0.00	33.00 1.90 0.00	28.14 1.60 0.00	26.85 1.43 0.00	37.74 1.67 0.00	31.63 1.19 0.00	22.41 0.84 0.00
INDECK___ILION 23567	21.18 -0.09 0.00	18.68 -0.04 0.00	19.17 -0.10 0.00	20.11 -0.11 0.00	21.00 -0.15 0.00	19.43 -0.10 0.00	18.15 -0.07 0.00	17.71 -0.04 0.00	18.54 -0.06 0.00	19.35 0.01 0.00	18.49 -0.02 0.00	19.77 -0.04 0.00	19.85 -0.03 0.00	19.68 -0.01 0.00	19.70 -0.03 0.00	22.67 -0.03 0.00	27.77 0.09 0.00	31.39 0.29 0.00	26.89 0.34 0.00	25.74 0.32 0.00	36.29 0.23 0.00	30.48 0.04 0.00	21.60 0.03 0.00
INDECK___OLEAN 23982	21.16 -0.11 0.00	18.58 -0.14 0.00	19.22 -0.04 0.00	20.13 -0.09 0.00	21.02 -0.13 0.00	19.30 -0.23 0.00	17.85 -0.36 0.00	17.18 -0.57 0.00	18.01 -0.59 0.00	18.73 -0.60 0.00	18.04 -0.47 0.00	19.25 -0.55 0.00	19.41 -0.47 0.00	19.22 -0.47 0.00	19.27 -0.47 0.00	22.22 -0.48 0.00	26.66 -1.03 0.00	30.15 -0.95 0.00	25.63 -0.91 0.00	24.58 -0.84 0.00	34.79 -1.28 0.00	29.85 -0.58 0.00	21.58 0.01 0.00
INDECK___OSWEGO 23783	20.86 -0.41 0.00	18.36 -0.36 0.00	18.90 -0.36 0.00	19.84 -0.39 0.00	20.69 -0.46 0.00	18.95 -0.58 0.00	17.61 -0.60 0.00	17.15 -0.60 0.00	17.98 -0.62 0.00	18.78 -0.56 0.00	18.01 -0.50 0.00	19.19 -0.61 0.00	19.27 -0.61 0.00	19.11 -0.58 0.00	19.17 -0.56 0.00	22.04 -0.66 0.00	26.86 -0.82 0.00	30.26 -0.84 0.00	25.84 -0.70 0.00	24.73 -0.70 0.00	34.97 -1.09 0.00	29.52 -0.92 0.00	21.04 -0.53 0.00
INDECK___YERKES 23781	20.07 -1.20 0.00	17.78 -0.94 0.00	18.31 -0.95 0.00	19.21 -1.01 0.00	20.08 -1.07 0.00	18.36 -1.17 0.00	16.86 -1.36 0.00	16.18 -1.57 0.00	17.09 -1.51 0.00	17.62 -1.72 0.00	16.96 -1.56 0.00	17.95 -1.86 0.00	18.00 -1.88 0.00	17.89 -1.79 0.00	17.94 -1.80 0.00	20.72 -1.99 0.00	24.99 -2.69 0.00	28.19 -2.90 0.00	23.85 -2.69 0.00	22.80 -2.63 0.00	32.23 -3.84 0.00	27.59 -2.85 0.00	20.08 -1.49 0.00
INDIAN POINT_GT_1 24139	21.87 0.60 0.00	19.22 0.49 0.00	19.69 0.43 0.00	20.57 0.35 0.00	21.47 0.32 0.00	19.97 0.43 0.00	18.73 0.52 0.00	18.29 0.54 0.00	19.10 0.50 0.00	20.08 0.74 0.00	19.19 0.68 0.00	20.47 0.66 0.00	20.61 0.73 0.00	20.45 0.76 0.00	20.50 0.77 0.00	23.59 0.89 0.00	28.82 1.14 0.00	32.72 1.62 0.00	28.13 1.59 0.00	26.93 1.50 0.00	37.80 1.73 0.00	31.82 1.38 0.00	22.58 1.01 0.00
INDIAN POINT_GT_2 23659	21.87 0.60 0.00	19.22 0.49 0.00	19.69 0.43 0.00	20.57 0.35 0.00	21.47 0.32 0.00	19.97 0.43 0.00	18.73 0.52 0.00	18.29 0.54 0.00	19.10 0.50 0.00	20.08 0.74 0.00	19.19 0.68 0.00	20.47 0.66 0.00	20.61 0.73 0.00	20.45 0.76 0.00	20.50 0.77 0.00	23.59 0.89 0.00	28.82 1.14 0.00	32.72 1.62 0.00	28.13 1.59 0.00	26.93 1.50 0.00	37.80 1.73 0.00	31.82 1.38 0.00	22.58 1.01 0.00
INDIAN POINT_GT_3 24019	21.87 0.60 0.00	19.22 0.49 0.00	19.69 0.43 0.00	20.57 0.35 0.00	21.47 0.32 0.00	19.97 0.43 0.00	18.73 0.52 0.00	18.29 0.54 0.00	19.10 0.50 0.00	20.08 0.74 0.00	19.19 0.68 0.00	20.47 0.66 0.00	20.61 0.73 0.00	20.45 0.76 0.00	20.50 0.77 0.00	23.59 0.89 0.00	28.82 1.14 0.00	32.72 1.62 0.00	28.13 1.59 0.00	26.93 1.50 0.00	37.80 1.73 0.00	31.82 1.38 0.00	22.58 1.01 0.00
INDIAN POINT___2 23530	21.86 0.59 0.00	19.21 0.49 0.00	19.68 0.41 0.00	20.56 0.34 0.00	21.46 0.31 0.00	19.95 0.42 0.00	18.72 0.51 0.00	18.29 0.53 0.00	19.09 0.49 0.00	20.07 0.73 0.00	19.18 0.66 0.00	20.45 0.64 0.00	20.60 0.72 0.00	20.43 0.74 0.00	20.48 0.75 0.00	23.57 0.87 0.00	28.79 1.11 0.00	32.69 1.59 0.00	28.11 1.57 0.00	26.91 1.48 0.00	37.78 1.71 0.00	31.80 1.36 0.00	22.58 1.01 0.00
INDIAN POINT___3 23531	21.86 0.59 0.00	19.21 0.49 0.00	19.68 0.41 0.00	20.57 0.35 0.00	21.46 0.31 0.00	19.95 0.42 0.00	18.72 0.51 0.00	18.29 0.54 0.00	19.09 0.49 0.00	20.07 0.73 0.00	19.18 0.66 0.00	20.45 0.64 0.00	20.60 0.72 0.00	20.43 0.75 0.00	20.49 0.76 0.00	23.57 0.87 0.00	28.80 1.12 0.00	32.69 1.60 0.00	28.12 1.57 0.00	26.91 1.48 0.00	37.78 1.71 0.00	31.80 1.36 0.00	22.57 1.00 0.00
INGHAM_C_115KV_TB7 356103	20.86 -0.41 0.00	18.45 -0.27 0.00	18.88 -0.38 0.00	19.80 -0.42 0.00	20.66 -0.49 0.00	19.17 -0.36 0.00	17.93 -0.29 0.00	17.53 -0.22 0.00	18.33 -0.28 0.00	19.15 -0.18 0.00	18.29 -0.23 0.00	19.54 -0.27 0.00	19.61 -0.27 0.00	19.45 -0.23 0.00	19.44 -0.30 0.00	22.38 -0.32 0.00	27.55 -0.14 0.00	31.31 0.21 0.00	26.91 0.37 0.00	25.76 0.33 0.00	36.14 0.08 0.00	30.20 -0.23 0.00	21.38 -0.18 0.00
IP CORINTH___1 23988	21.94 0.66 0.00	19.29 0.56 0.00	19.84 0.58 0.00	20.81 0.59 0.00	21.62 0.46 0.00	20.13 0.60 0.00	18.84 0.62 0.00	18.53 0.78 0.00	19.38 0.78 0.00	20.16 0.83 0.00	19.18 0.67 0.00	20.48 0.68 0.00	20.62 0.74 0.00	20.44 0.75 0.00	20.47 0.74 0.00	23.61 0.91 0.00	29.09 1.40 0.00	33.00 1.90 0.00	28.14 1.60 0.00	26.85 1.43 0.00	37.74 1.67 0.00	31.63 1.19 0.00	22.41 0.84 0.00
IP___TICONDEROGA 23804	22.58 1.31 0.00	19.86 1.14 0.00	20.49 1.23 0.00	21.47 1.25 0.00	22.13 0.98 0.00	20.69 1.16 0.00	19.40 1.19 0.00	19.15 1.40 0.00	20.02 1.42 0.00	20.84 1.50 0.00	19.67 1.15 0.00	20.99 1.19 0.00	21.22 1.34 0.00	21.03 1.34 0.00	21.06 1.33 0.00	24.38 1.68 0.00	30.32 2.63 0.00	34.58 3.48 0.00	29.21 2.67 0.00	27.80 2.38 0.00	38.77 2.70 0.00	32.39 1.95 0.00	22.95 1.38 0.00
ISLIP_RES_REC 323679	22.27 1.00 0.00	19.57 0.85 0.00	20.05 0.78 0.00	20.84 0.61 0.00	21.91 0.75 0.00	20.56 1.03 0.00	19.15 0.94 0.00	18.55 0.80 0.00	19.23 0.62 0.00	20.26 0.93 0.00	19.27 0.75 0.00	20.46 0.66 0.00	20.62 0.74 0.00	20.65 0.96 0.00	20.85 1.11 0.00	24.38 1.42 -0.26	29.61 1.89 -0.03	33.58 2.49 0.00	28.75 2.21 0.00	27.64 2.16 -0.06	38.41 2.35 0.00	32.15 1.71 0.00	22.94 1.37 0.00
JAMAICA__27_KV_LOAD	22.05	19.44	19.86	20.76	21.62	20.14	18.94	18.49	19.31	20.33	19.46	20.71	20.83	20.72	20.79	23.87	29.13	33.10	28.56	27.34	38.32	32.26	22.83

355505	0.78 0.00	0.72 0.00	0.60 0.00	0.54 0.00	0.47 0.00	0.60 0.00	0.73 0.00	0.74 0.00	0.71 0.00	0.99 0.00	0.95 0.00	0.91 0.00	0.95 0.00	1.03 0.00	1.06 0.00	1.17 0.00	1.45 0.00	2.00 0.00	2.02 0.00	1.91 0.00	2.26 0.00	1.82 0.00	1.27 0.00
JANIS___SOLAR 323808	22.16 0.90 0.00	19.49 0.77 0.00	20.04 0.78 0.00	20.99 0.77 0.00	21.86 0.71 0.00	19.92 0.39 0.00	18.64 0.43 0.00	18.16 0.41 0.00	19.09 0.49 0.00	19.94 0.61 0.00	19.03 0.52 0.00	20.18 0.38 0.00	20.21 0.33 0.00	20.05 0.36 0.00	20.13 0.40 0.00	23.19 0.49 0.00	28.34 0.65 0.00	32.06 0.96 0.00	27.50 0.96 0.00	26.32 0.90 0.00	37.09 1.02 0.00	31.26 0.83 0.00	22.28 0.71 0.00
JARVIS____ 23743	21.31 0.03 0.00	18.75 0.03 0.00	19.28 0.02 0.00	20.23 0.01 0.00	21.13 -0.02 0.00	19.52 -0.02 0.00	18.21 -0.01 0.00	17.76 0.00 0.00	18.59 -0.01 0.00	19.37 0.04 0.00	18.55 0.04 0.00	19.82 0.01 0.00	19.91 0.03 0.00	19.73 0.04 0.00	19.77 0.04 0.00	22.74 0.04 0.00	27.77 0.09 0.00	31.29 0.19 0.00	26.73 0.19 0.00	25.60 0.17 0.00	36.21 0.15 0.00	30.52 0.08 0.00	21.64 0.07 0.00
JENNISON___1 23625	22.17 0.90 0.00	19.52 0.80 0.00	20.06 0.80 0.00	20.96 0.74 0.00	21.72 0.56 0.00	19.55 0.02 0.00	18.38 0.16 0.00	17.96 0.21 0.00	18.92 0.32 0.00	19.90 0.57 0.00	18.85 0.34 0.00	20.07 0.27 0.00	20.11 0.23 0.00	19.76 0.08 0.00	20.00 0.27 0.00	22.95 0.25 0.00	27.86 0.18 0.00	31.46 0.37 0.00	26.96 0.42 0.00	25.81 0.39 0.00	36.33 0.26 0.00	30.62 0.18 0.00	21.94 0.37 0.00
JENNISON___2 23626	22.17 0.90 0.00	19.52 0.80 0.00	20.06 0.80 0.00	20.96 0.74 0.00	21.72 0.56 0.00	19.55 0.02 0.00	18.38 0.16 0.00	17.96 0.21 0.00	18.92 0.32 0.00	19.90 0.57 0.00	18.85 0.34 0.00	20.07 0.27 0.00	20.11 0.23 0.00	19.76 0.08 0.00	20.00 0.27 0.00	22.95 0.25 0.00	27.86 0.18 0.00	31.46 0.37 0.00	26.96 0.42 0.00	25.81 0.39 0.00	36.33 0.26 0.00	30.62 0.18 0.00	21.94 0.37 0.00
JERICHO_RISE_WT_PWR 323719	20.82 -0.45 0.00	18.15 -0.57 0.00	19.06 -0.20 0.00	20.39 0.17 0.00	21.61 0.46 0.00	20.13 0.60 0.00	18.87 0.66 0.00	18.39 0.63 0.00	19.32 0.72 0.00	19.83 0.50 0.00	18.90 0.39 0.00	20.15 0.34 0.00	19.70 -0.18 0.00	12.21 -0.59 6.89	-20.24 -0.62 39.36	14.47 -0.66 7.57	-12.06 -0.94 38.81	-15.96 -1.30 45.76	-24.55 -1.22 49.87	-24.49 -1.19 48.73	-25.29 -1.37 59.99	-24.89 -1.05 54.28	-24.22 -0.89 44.90
KATONAH___115KV_46KV_TB4 355592	21.98 0.71 0.00	19.32 0.60 0.00	19.79 0.53 0.00	20.69 0.47 0.00	21.58 0.42 0.00	20.07 0.54 0.00	18.82 0.61 0.00	18.39 0.64 0.00	19.21 0.61 0.00	20.18 0.85 0.00	19.29 0.78 0.00	20.57 0.77 0.00	20.71 0.83 0.00	20.55 0.87 0.00	20.60 0.87 0.00	23.71 1.01 0.00	29.00 1.32 0.00	32.93 1.83 0.00	28.30 1.76 0.00	27.08 1.66 0.00	38.01 1.94 0.00	31.96 1.52 0.00	22.67 1.10 0.00
KCE_NY_1 323755	21.93 0.65 0.00	19.27 0.54 0.00	19.84 0.58 0.00	20.82 0.60 0.00	21.66 0.51 0.00	20.11 0.57 0.00	18.79 0.57 0.00	18.41 0.66 0.00	19.23 0.63 0.00	20.07 0.74 0.00	19.14 0.63 0.00	20.48 0.67 0.00	20.56 0.69 0.00	20.40 0.72 0.00	20.45 0.72 0.00	23.54 0.84 0.00	28.93 1.24 0.00	32.73 1.63 0.00	28.01 1.47 0.00	26.73 1.30 0.00	37.63 1.57 0.00	31.60 1.16 0.00	22.40 0.84 0.00
KCE_NY_6_ESR 323823	20.33 -0.95 0.00	17.98 -0.74 0.00	18.52 -0.74 0.00	19.42 -0.80 0.00	20.28 -0.87 0.00	18.55 -0.98 0.00	17.06 -1.15 0.00	16.40 -1.35 0.00	17.28 -1.32 0.00	17.83 -1.51 0.00	17.17 -1.35 0.00	18.22 -1.58 0.00	18.28 -1.59 0.00	18.17 -1.52 0.00	18.21 -1.52 0.00	21.01 -1.69 0.00	25.32 -2.36 0.00	28.56 -2.54 0.00	24.17 -2.37 0.00	23.13 -2.30 0.00	32.70 -3.36 0.00	27.96 -2.48 0.00	20.30 -1.27 0.00
KEDC_PORT_JEFF_GT2 24210	22.15 0.88 0.00	19.47 0.75 0.00	19.94 0.67 0.00	20.73 0.51 0.00	21.78 0.63 0.00	20.44 0.91 0.00	19.05 0.84 0.00	18.46 0.71 0.00	19.14 0.54 0.00	20.18 0.84 0.00	19.18 0.67 0.00	20.38 0.58 0.00	20.53 0.65 0.00	20.54 0.86 0.00	20.73 0.99 0.00	24.21 1.27 -0.24	29.41 1.70 -0.03	33.37 2.27 0.00	28.57 2.03 0.00	27.46 1.98 -0.05	38.17 2.10 0.00	31.95 1.51 0.00	22.80 1.23 0.00
KEDC_PORT_JEFF_GT3 24211	22.15 0.88 0.00	19.47 0.75 0.00	19.94 0.67 0.00	20.73 0.51 0.00	21.78 0.63 0.00	20.44 0.91 0.00	19.05 0.84 0.00	18.46 0.71 0.00	19.14 0.54 0.00	20.18 0.84 0.00	19.18 0.67 0.00	20.38 0.58 0.00	20.53 0.65 0.00	20.54 0.86 0.00	20.73 0.99 0.00	24.21 1.27 -0.24	29.41 1.70 -0.03	33.37 2.27 0.00	28.57 2.03 0.00	27.46 1.98 -0.05	38.17 2.10 0.00	31.95 1.51 0.00	22.80 1.23 0.00
KEDC_GLWD_GT4 24219	22.28 1.01 0.00	19.58 0.85 0.00	20.02 0.76 0.00	20.86 0.64 0.00	21.81 0.66 0.00	20.35 0.82 0.00	19.04 0.82 0.00	18.54 0.79 0.00	19.31 0.72 0.00	20.37 1.03 0.00	19.40 0.89 0.00	20.72 0.92 0.00	20.89 1.01 0.00	20.81 1.12 0.00	20.95 1.22 0.00	25.25 1.46 -1.09	29.65 1.84 -0.12	33.52 2.42 0.00	28.76 2.23 0.00	27.82 2.15 0.00	38.52 2.45 0.00	32.31 1.87 0.00	23.01 1.44 0.00
KEDC_GLWD_GT5 24220	22.28 1.01 0.00	19.58 0.85 0.00	20.02 0.76 0.00	20.86 0.64 0.00	21.81 0.66 0.00	20.35 0.82 0.00	19.04 0.82 0.00	18.54 0.79 0.00	19.31 0.72 0.00	20.37 1.03 0.00	19.40 0.89 0.00	20.72 0.92 0.00	20.89 1.01 0.00	20.81 1.12 0.00	20.95 1.22 0.00	25.25 1.46 -1.09	29.65 1.84 -0.12	33.52 2.42 0.00	28.76 2.23 0.00	27.82 2.15 0.00	38.52 2.45 0.00	32.31 1.87 0.00	23.01 1.44 0.00
KENSICO____ 23655	21.90 0.63 0.00	19.25 0.53 0.00	19.71 0.45 0.00	20.60 0.38 0.00	21.49 0.34 0.00	19.99 0.46 0.00	18.75 0.54 0.00	18.32 0.57 0.00	19.12 0.52 0.00	20.11 0.77 0.00	19.21 0.70 0.00	20.50 0.69 0.00	20.64 0.76 0.00	20.49 0.80 0.00	20.54 0.81 0.00	23.62 0.93 0.00	28.87 1.19 0.00	32.77 1.67 0.00	28.18 1.64 0.00	26.98 1.55 0.00	37.86 1.79 0.00	31.85 1.42 0.00	22.61 1.04 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.19 0.92 0.00	19.49 0.77 0.00	19.96 0.70 0.00	20.86 0.64 0.00	21.78 0.63 0.00	20.24 0.71 0.00	18.99 0.78 0.00	18.54 0.79 0.00	19.36 0.76 0.00	20.29 0.96 0.00	19.40 0.89 0.00	20.67 0.86 0.00	20.83 0.95 0.00	20.60 0.91 0.00	20.67 0.94 0.00	23.93 1.23 0.00	29.23 1.54 0.00	33.17 2.08 0.00	28.56 2.02 0.00	27.34 1.91 0.00	38.39 2.32 0.00	32.27 1.83 0.00	22.88 1.31 0.00
KIAC_JFK_GT1	21.98	19.37	19.81	20.69	21.55	20.07	18.88	18.43	19.24	20.26	19.40	20.65	20.77	20.65	20.72	23.78	29.03	32.97	28.44	27.22	38.19	32.14	22.75

23816	0.71 0.00	0.65 0.00	0.54 0.00	0.47 0.00	0.40 0.00	0.53 0.00	0.66 0.00	0.68 0.00	0.64 0.00	0.93 0.00	0.89 0.00	0.84 0.00	0.90 0.00	0.97 0.00	0.98 0.00	1.08 0.00	1.34 0.00	1.88 0.00	1.90 0.00	1.80 0.00	2.12 0.00	1.70 0.00	1.19 0.00
KIAC_JFK_GT2 23817	21.98 0.71 0.00	19.37 0.65 0.00	19.81 0.54 0.00	20.69 0.47 0.00	21.55 0.40 0.00	20.07 0.53 0.00	18.88 0.66 0.00	18.43 0.68 0.00	19.24 0.64 0.00	20.26 0.93 0.00	19.40 0.89 0.00	20.65 0.84 0.00	20.77 0.90 0.00	20.65 0.97 0.00	20.72 0.98 0.00	23.78 1.08 0.00	29.03 1.34 0.00	32.97 1.88 0.00	28.44 1.90 0.00	27.22 1.80 0.00	38.19 2.12 0.00	32.14 1.70 0.00	22.75 1.19 0.00
KIAC_JFK____ 323774	21.98 0.71 0.00	19.38 0.66 0.00	19.81 0.55 0.00	20.69 0.47 0.00	21.55 0.40 0.00	20.07 0.53 0.00	18.88 0.66 0.00	18.44 0.68 0.00	19.24 0.64 0.00	20.26 0.93 0.00	19.40 0.89 0.00	20.65 0.84 0.00	20.77 0.89 0.00	20.65 0.97 0.00	20.72 0.98 0.00	23.78 1.08 0.00	29.02 1.34 0.00	32.97 1.88 0.00	28.44 1.90 0.00	27.22 1.80 0.00	38.18 2.12 0.00	32.13 1.69 0.00	22.75 1.19 0.00
KINTIGH____ 23543	19.96 -1.31 0.00	17.66 -1.06 0.00	18.20 -1.06 0.00	19.08 -1.14 0.00	19.93 -1.22 0.00	18.26 -1.27 0.00	16.82 -1.39 0.00	16.19 -1.56 0.00	17.08 -1.52 0.00	17.67 -1.67 0.00	16.99 -1.52 0.00	18.02 -1.78 0.00	18.09 -1.79 0.00	17.98 -1.71 0.00	18.02 -1.72 0.00	20.79 -1.91 0.00	25.10 -2.58 0.00	28.32 -2.77 0.00	24.01 -2.54 0.00	22.95 -2.48 0.00	32.48 -3.59 0.00	27.72 -2.72 0.00	20.05 -1.51 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	21.15 -0.12 0.00	18.42 -0.30 0.00	19.32 0.06 0.00	20.67 0.45 0.00	21.87 0.72 0.00	20.38 0.84 0.00	19.12 0.91 0.00	18.65 0.90 0.00	19.61 1.01 0.00	20.14 0.80 0.00	19.18 0.67 0.00	20.43 0.63 0.00	19.99 0.11 0.00	12.84 -0.33 6.52	-17.91 -0.38 37.27	15.19 -0.35 7.17	-9.60 -0.54 36.75	-13.02 -0.79 43.33	-21.45 -0.77 47.22	-21.48 -0.76 46.15	-21.58 -0.84 56.81	-21.58 -0.62 51.40	-21.51 -0.56 42.52
LACHUTE____HYDRO 323717	22.58 1.31 0.00	19.86 1.14 0.00	20.49 1.23 0.00	21.47 1.25 0.00	22.13 0.98 0.00	20.69 1.16 0.00	19.40 1.19 0.00	19.15 1.40 0.00	20.02 1.42 0.00	20.84 1.50 0.00	19.67 1.16 0.00	20.99 1.19 0.00	21.22 1.33 0.00	21.03 1.34 0.00	21.06 1.33 0.00	24.38 1.68 0.00	30.32 2.63 0.00	34.58 3.48 0.00	29.21 2.67 0.00	27.80 2.38 0.00	38.77 2.70 0.00	32.39 1.95 0.00	22.95 1.38 0.00
LAWRNCV_115KV_TB1 80681	20.78 -0.49 0.00	18.30 -0.42 0.00	18.94 -0.32 0.00	20.02 -0.20 0.00	21.13 -0.02 0.00	19.66 0.13 0.00	18.32 0.11 0.00	17.80 0.05 0.00	18.74 0.14 0.00	19.24 -0.10 0.00	18.41 -0.10 0.00	19.77 -0.03 0.00	19.70 -0.18 0.00	20.24 -0.27 -0.83	24.20 -0.25 -4.71	23.36 -0.25 -0.91	31.80 -0.53 -4.65	35.74 -0.83 -5.48	31.70 -0.81 -5.97	30.46 -0.81 -5.83	42.47 -0.77 -7.18	36.51 -0.43 -6.50	26.51 -0.44 -5.38
LEDERLE____ 23769	21.98 0.71 0.00	19.31 0.59 0.00	19.79 0.52 0.00	20.67 0.45 0.00	21.58 0.42 0.00	20.07 0.53 0.00	18.82 0.61 0.00	18.39 0.63 0.00	19.19 0.60 0.00	20.19 0.85 0.00	19.29 0.77 0.00	20.57 0.77 0.00	20.73 0.85 0.00	20.55 0.86 0.00	20.61 0.87 0.00	23.71 1.01 0.00	28.97 1.28 0.00	32.89 1.79 0.00	28.28 1.74 0.00	27.07 1.64 0.00	38.01 1.94 0.00	32.01 1.57 0.00	22.71 1.15 0.00
LIGHTHSE_115KV_TB6 355974	20.68 -0.59 0.00	18.19 -0.52 0.00	18.82 -0.44 0.00	19.80 -0.42 0.00	20.72 -0.43 0.00	18.88 -0.65 0.00	17.51 -0.70 0.00	17.03 -0.72 0.00	17.90 -0.70 0.00	18.64 -0.69 0.00	17.91 -0.60 0.00	19.07 -0.73 0.00	19.12 -0.76 0.00	18.93 -0.75 0.00	19.05 -0.69 0.00	21.91 -0.79 0.00	26.71 -0.97 0.00	30.13 -0.97 0.00	25.72 -0.82 0.00	24.62 -0.81 0.00	34.86 -1.20 0.00	29.41 -1.03 0.00	20.93 -0.64 0.00
LINDEN COGEN____ 23786	21.76 0.49 0.00	19.14 0.42 0.00	19.58 0.32 0.00	20.45 0.23 0.00	21.32 0.17 0.00	19.85 0.32 0.00	18.66 0.45 0.00	18.25 0.49 0.00	19.03 0.43 0.00	20.04 0.70 0.00	19.15 0.64 0.00	20.42 0.62 0.00	20.56 0.68 0.00	20.41 0.72 0.00	20.45 0.72 0.00	23.52 0.82 0.00	28.71 1.02 0.00	32.61 1.51 0.00	28.09 1.55 0.00	26.89 1.46 0.00	37.72 1.66 0.00	31.78 1.34 0.00	22.53 0.96 0.00
LINDHRST_69_KV_BK1 356055	22.31 1.04 0.00	19.60 0.88 0.00	20.05 0.79 0.00	20.87 0.65 0.00	21.86 0.71 0.00	20.43 0.90 0.00	19.08 0.86 0.00	18.54 0.78 0.00	19.28 0.68 0.00	20.34 1.01 0.00	19.34 0.83 0.00	20.62 0.82 0.00	20.83 0.95 0.00	20.75 1.06 0.00	20.95 1.21 0.00	24.77 1.51 -0.56	29.66 1.92 -0.06	33.59 2.49 0.00	28.79 2.25 0.00	27.75 2.20 -0.12	38.52 2.45 0.00	32.26 1.83 0.00	23.02 1.45 0.00
LIPA_MISC_IPP 23656	22.04 0.77 0.00	19.38 0.65 0.00	19.86 0.60 0.00	20.64 0.43 0.00	21.75 0.59 0.00	20.47 0.93 0.00	19.05 0.84 0.00	18.41 0.66 0.00	19.04 0.44 0.00	20.05 0.72 0.00	19.05 0.54 0.00	20.22 0.41 0.00	20.35 0.47 0.00	20.38 0.69 0.00	20.56 0.83 0.00	24.01 1.08 -0.23	29.19 1.47 -0.03	33.14 2.04 0.00	28.36 1.82 0.00	27.25 1.77 -0.05	37.88 1.82 0.00	31.71 1.27 0.00	22.64 1.07 0.00
LISF____SOLAR 323691	22.07 0.80 0.00	19.41 0.69 0.00	19.90 0.64 0.00	20.67 0.45 0.00	21.77 0.62 0.00	20.50 0.97 0.00	19.08 0.86 0.00	18.43 0.68 0.00	19.06 0.45 0.00	20.07 0.74 0.00	19.06 0.55 0.00	20.22 0.41 0.00	20.34 0.46 0.00	20.39 0.70 0.00	20.58 0.85 0.00	24.04 1.11 -0.23	29.23 1.52 -0.03	33.20 2.10 0.00	28.41 1.87 0.00	27.30 1.82 -0.05	37.94 1.88 0.00	31.76 1.32 0.00	22.67 1.10 0.00
LITTLE FALLS____HYD 24013	20.86 -0.41 0.00	18.45 -0.27 0.00	18.88 -0.38 0.00	19.80 -0.42 0.00	20.66 -0.49 0.00	19.17 -0.36 0.00	17.93 -0.29 0.00	17.53 -0.22 0.00	18.33 -0.28 0.00	19.15 -0.18 0.00	18.29 -0.23 0.00	19.54 -0.27 0.00	19.61 -0.27 0.00	19.45 -0.23 0.00	19.44 -0.30 0.00	22.38 -0.32 0.00	27.55 -0.14 0.00	31.31 0.21 0.00	26.91 0.37 0.00	25.76 0.33 0.00	36.14 0.08 0.00	30.20 -0.23 0.00	21.38 -0.18 0.00
LITTLRIV_115KV_TB1 356100	21.05 -0.22 0.00	18.53 -0.19 0.00	19.18 -0.08 0.00	20.27 0.05 0.00	21.40 0.25 0.00	19.92 0.39 0.00	18.57 0.35 0.00	18.04 0.29 0.00	19.00 0.40 0.00	19.48 0.15 0.00	18.64 0.13 0.00	20.03 0.22 0.00	19.96 0.08 0.00	20.57 -0.03 -0.91	24.96 0.01 -5.21	23.77 0.06 -1.00	32.72 -0.11 -5.14	36.82 -0.34 -6.06	32.76 -0.39 -6.61	31.47 -0.42 -6.46	43.80 -0.22 -7.95	37.65 0.02 -7.19	27.38 -0.14 -5.95
LI_NEWBRDGE____DRP	22.01	19.34	19.79	20.62	21.58	20.13	18.82	18.33	19.08	20.13	19.18	20.45	20.62	20.52	20.66	23.84	29.14	33.05	28.36	27.21	37.99	31.86	22.70

323616	0.74 0.00	0.62 0.00	0.53 0.00	0.41 0.00	0.42 0.00	0.60 0.00	0.61 0.00	0.57 0.00	0.48 0.00	0.79 0.00	0.67 0.00	0.65 0.00	0.74 0.00	0.84 0.00	0.93 0.00	1.14 0.00	1.45 0.00	1.95 0.00	1.82 0.00	1.78 0.00	1.92 0.00	1.43 0.00	1.13 0.00
LOCKPORT_115KV_TB60_63_64 80432	19.90 -1.37 0.00	17.65 -1.07 0.00	18.17 -1.09 0.00	19.05 -1.17 0.00	19.90 -1.25 0.00	18.20 -1.33 0.00	16.70 -1.52 0.00	16.03 -1.73 0.00	16.93 -1.67 0.00	17.44 -1.89 0.00	16.80 -1.71 0.00	17.81 -2.00 0.00	17.87 -2.01 0.00	17.76 -1.93 0.00	17.80 -1.94 0.00	20.57 -2.14 0.00	24.81 -2.88 0.00	28.00 -3.10 0.00	23.68 -2.86 0.00	22.62 -2.81 0.00	31.99 -4.07 0.00	27.38 -3.06 0.00	19.91 -1.66 0.00
LOCKPORT___CC1 323769	19.89 -1.38 0.00	17.62 -1.10 0.00	18.15 -1.11 0.00	19.04 -1.18 0.00	19.89 -1.26 0.00	18.19 -1.34 0.00	16.69 -1.52 0.00	16.01 -1.74 0.00	16.92 -1.68 0.00	17.43 -1.90 0.00	16.79 -1.73 0.00	17.79 -2.01 0.00	17.85 -2.03 0.00	17.74 -1.95 0.00	17.78 -1.95 0.00	20.54 -2.16 0.00	24.78 -2.91 0.00	27.95 -3.14 0.00	23.64 -2.90 0.00	22.58 -2.84 0.00	31.94 -4.12 0.00	27.36 -3.08 0.00	19.89 -1.68 0.00
LOCKPORT___CC2 323770	19.89 -1.38 0.00	17.62 -1.10 0.00	18.15 -1.11 0.00	19.04 -1.18 0.00	19.89 -1.26 0.00	18.19 -1.34 0.00	16.69 -1.52 0.00	16.01 -1.74 0.00	16.92 -1.68 0.00	17.43 -1.90 0.00	16.79 -1.73 0.00	17.79 -2.01 0.00	17.85 -2.03 0.00	17.74 -1.95 0.00	17.78 -1.95 0.00	20.54 -2.16 0.00	24.78 -2.91 0.00	27.95 -3.14 0.00	23.64 -2.90 0.00	22.58 -2.84 0.00	31.94 -4.12 0.00	27.36 -3.08 0.00	19.89 -1.68 0.00
LOCKPORT___CC3 323771	19.89 -1.38 0.00	17.62 -1.10 0.00	18.15 -1.11 0.00	19.04 -1.18 0.00	19.89 -1.26 0.00	18.19 -1.34 0.00	16.69 -1.52 0.00	16.01 -1.74 0.00	16.92 -1.68 0.00	17.43 -1.90 0.00	16.79 -1.73 0.00	17.79 -2.01 0.00	17.85 -2.03 0.00	17.74 -1.95 0.00	17.78 -1.95 0.00	20.54 -2.16 0.00	24.78 -2.91 0.00	27.95 -3.14 0.00	23.64 -2.90 0.00	22.58 -2.84 0.00	31.94 -4.12 0.00	27.36 -3.08 0.00	19.89 -1.68 0.00
LONG_LAKE_PHOENIX 24014	20.94 -0.34 0.00	18.44 -0.28 0.00	18.96 -0.30 0.00	19.88 -0.34 0.00	20.74 -0.42 0.00	19.01 -0.52 0.00	17.67 -0.54 0.00	17.21 -0.54 0.00	18.05 -0.55 0.00	18.85 -0.49 0.00	18.08 -0.43 0.00	19.27 -0.53 0.00	19.33 -0.55 0.00	19.19 -0.50 0.00	19.24 -0.49 0.00	22.13 -0.57 0.00	26.98 -0.71 0.00	30.40 -0.70 0.00	25.96 -0.58 0.00	24.84 -0.59 0.00	35.11 -0.95 0.00	29.64 -0.80 0.00	21.12 -0.45 0.00
LOVETT___3 23632	21.86 0.59 0.00	19.21 0.49 0.00	19.68 0.42 0.00	20.56 0.34 0.00	21.47 0.31 0.00	19.96 0.43 0.00	18.73 0.52 0.00	18.29 0.54 0.00	19.09 0.49 0.00	20.08 0.74 0.00	19.18 0.67 0.00	20.46 0.65 0.00	20.61 0.73 0.00	20.43 0.75 0.00	20.49 0.76 0.00	23.57 0.87 0.00	28.80 1.11 0.00	32.69 1.59 0.00	28.12 1.57 0.00	26.91 1.48 0.00	37.78 1.72 0.00	31.82 1.39 0.00	22.59 1.02 0.00
LOVETT___4 23642	21.86 0.59 0.00	19.21 0.49 0.00	19.68 0.42 0.00	20.56 0.34 0.00	21.47 0.31 0.00	19.96 0.43 0.00	18.73 0.52 0.00	18.29 0.54 0.00	19.09 0.49 0.00	20.08 0.74 0.00	19.18 0.67 0.00	20.46 0.65 0.00	20.61 0.73 0.00	20.43 0.75 0.00	20.49 0.76 0.00	23.57 0.87 0.00	28.80 1.11 0.00	32.69 1.59 0.00	28.12 1.57 0.00	26.91 1.48 0.00	37.78 1.72 0.00	31.82 1.39 0.00	22.59 1.02 0.00
LOVETT___5 23593	21.86 0.59 0.00	19.21 0.49 0.00	19.68 0.42 0.00	20.56 0.34 0.00	21.47 0.31 0.00	19.96 0.43 0.00	18.73 0.52 0.00	18.29 0.54 0.00	19.09 0.49 0.00	20.08 0.74 0.00	19.18 0.67 0.00	20.46 0.65 0.00	20.61 0.73 0.00	20.43 0.75 0.00	20.49 0.76 0.00	23.57 0.87 0.00	28.80 1.11 0.00	32.69 1.59 0.00	28.12 1.57 0.00	26.91 1.48 0.00	37.78 1.72 0.00	31.82 1.39 0.00	22.59 1.02 0.00
LOWER RAQUET___HYD 24057	20.66 -0.61 0.00	18.19 -0.53 0.00	18.84 -0.42 0.00	19.93 -0.29 0.00	21.05 -0.11 0.00	19.57 0.03 0.00	18.24 0.03 0.00	17.72 -0.03 0.00	18.67 0.06 0.00	19.15 -0.18 0.00	18.33 -0.19 0.00	19.68 -0.12 0.00	19.60 -0.28 0.00	20.30 -0.38 -1.00	25.06 -0.36 -5.69	23.41 -0.38 -1.09	32.63 -0.67 -5.61	36.72 -0.99 -6.62	32.80 -0.95 -7.21	31.54 -0.94 -7.05	43.78 -0.96 -8.67	37.69 -0.59 -7.85	27.50 -0.56 -6.49
LOWER___HUDSON 24059	21.64 0.37 0.00	19.03 0.31 0.00	19.57 0.31 0.00	20.52 0.31 0.00	21.34 0.18 0.00	19.81 0.28 0.00	18.51 0.30 0.00	18.12 0.36 0.00	18.93 0.33 0.00	19.77 0.44 0.00	18.90 0.39 0.00	20.15 0.34 0.00	20.28 0.40 0.00	20.11 0.42 0.00	20.11 0.38 0.00	23.15 0.45 0.00	28.46 0.77 0.00	32.21 1.11 0.00	27.52 0.98 0.00	26.30 0.87 0.00	37.04 0.98 0.00	31.11 0.67 0.00	22.08 0.51 0.00
LOWVILLE_115KV_TB2 356335	20.64 -0.63 0.00	18.14 -0.59 0.00	18.96 -0.30 0.00	20.11 -0.10 0.00	21.21 0.06 0.00	19.25 -0.28 0.00	17.80 -0.42 0.00	17.24 -0.51 0.00	18.21 -0.39 0.00	18.83 -0.50 0.00	18.09 -0.43 0.00	19.31 -0.49 0.00	19.29 -0.59 0.00	19.33 -0.64 -0.29	20.86 -0.51 -1.63	22.37 -0.64 -0.31	28.50 -0.80 -1.61	32.15 -0.85 -1.90	27.91 -0.69 -2.07	26.70 -0.75 -2.02	37.70 -0.85 -2.49	31.90 -0.79 -2.25	22.85 -0.58 -1.86
LUTHERFT_115KV_GLOB_FND_222 355753	21.92 0.65 0.00	19.28 0.56 0.00	19.83 0.57 0.00	20.81 0.59 0.00	21.65 0.49 0.00	20.10 0.57 0.00	18.78 0.57 0.00	18.40 0.65 0.00	19.23 0.63 0.00	20.06 0.73 0.00	19.15 0.64 0.00	20.46 0.65 0.00	20.57 0.69 0.00	20.39 0.71 0.00	20.42 0.69 0.00	23.53 0.83 0.00	28.91 1.22 0.00	32.72 1.62 0.00	27.97 1.43 0.00	26.71 1.28 0.00	37.61 1.54 0.00	31.57 1.13 0.00	22.39 0.82 0.00
LUTHERNY_35_KV_BK2 355980	21.93 0.65 0.00	19.27 0.54 0.00	19.84 0.58 0.00	20.82 0.60 0.00	21.66 0.51 0.00	20.11 0.57 0.00	18.79 0.57 0.00	18.41 0.66 0.00	19.23 0.63 0.00	20.07 0.73 0.00	19.14 0.63 0.00	20.48 0.68 0.00	20.56 0.68 0.00	20.40 0.72 0.00	20.45 0.72 0.00	23.53 0.84 0.00	28.93 1.24 0.00	32.73 1.64 0.00	28.01 1.47 0.00	26.73 1.30 0.00	37.63 1.57 0.00	31.60 1.17 0.00	22.40 0.84 0.00
LWR___OSWEGATCHIE_HYD 23850	20.37 -0.90 0.00	17.91 -0.81 0.00	18.64 -0.62 0.00	19.74 -0.48 0.00	20.84 -0.32 0.00	19.14 -0.39 0.00	17.77 -0.45 0.00	17.24 -0.51 0.00	18.19 -0.41 0.00	18.73 -0.61 0.00	17.96 -0.55 0.00	19.23 -0.57 0.00	19.17 -0.71 0.00	19.58 -0.78 -0.68	22.89 -0.71 -3.87	22.64 -0.80 -0.74	30.40 -1.10 -3.81	34.28 -1.32 -4.49	30.28 -1.16 -4.90	29.06 -1.16 -4.79	40.59 -1.37 -5.89	34.69 -1.09 -5.33	25.13 -0.85 -4.41
LYONS_FALL_HYD	21.05	18.50	19.22	20.30	21.32	19.48	18.08	17.56	18.49	19.18	18.40	19.65	19.67	19.63	20.68	22.72	28.53	32.17	27.79	26.59	37.55	31.71	22.64

23570	-0.22 0.00	-0.22 0.00	-0.04 0.00	0.08 0.00	0.17 0.00	-0.05 0.00	-0.14 0.00	-0.19 0.00	-0.11 0.00	-0.15 0.00	-0.11 0.00	-0.16 0.00	-0.22 0.00	-0.24 -0.19	-0.14 -1.08	-0.19 -0.21	-0.23 -1.07	-0.19 -1.26	-0.12 -1.37	-0.18 -1.34	-0.17 -1.65	-0.22 -1.50	-0.17 -1.24
MADISON__COUNTY_LFGE 323628	21.67 0.39 0.00	19.06 0.34 0.00	19.63 0.37 0.00	20.59 0.37 0.00	21.50 0.35 0.00	19.78 0.25 0.00	18.44 0.23 0.00	17.98 0.22 0.00	18.85 0.25 0.00	19.67 0.33 0.00	18.85 0.33 0.00	20.09 0.29 0.00	20.13 0.25 0.00	19.96 0.27 0.00	20.05 0.32 0.00	23.11 0.40 0.00	28.20 0.52 0.00	31.81 0.71 0.00	27.18 0.64 0.00	26.01 0.58 0.00	36.77 0.71 0.00	30.97 0.54 0.00	21.98 0.41 0.00
MALONE__115KV_TB1 356076	21.02 -0.24 0.00	18.37 -0.35 0.00	19.23 -0.03 0.00	20.51 0.29 0.00	21.72 0.57 0.00	20.23 0.70 0.00	18.94 0.73 0.00	18.46 0.70 0.00	19.43 0.83 0.00	19.93 0.59 0.00	19.01 0.50 0.00	20.30 0.50 0.00	19.95 0.07 0.00	23.84 -0.27 -4.43	44.74 -0.28 -25.29	27.31 -0.25 -4.86	52.17 -0.46 -24.94	59.77 -0.73 -29.40	57.86 -0.73 -32.04	56.00 -0.74 -31.31	73.88 -0.74 -38.55	64.80 -0.52 -34.88	49.92 -0.50 -28.85
MAPLEWOD_115KV_TB3 80458	21.77 0.50 0.00	19.14 0.42 0.00	19.67 0.40 0.00	20.62 0.40 0.00	21.47 0.31 0.00	19.91 0.38 0.00	18.58 0.37 0.00	18.18 0.43 0.00	19.00 0.40 0.00	19.88 0.55 0.00	19.01 0.50 0.00	20.28 0.48 0.00	20.42 0.54 0.00	20.24 0.55 0.00	20.25 0.52 0.00	23.30 0.60 0.00	28.58 0.89 0.00	32.33 1.24 0.00	27.65 1.11 0.00	26.43 1.00 0.00	37.24 1.17 0.00	31.29 0.86 0.00	22.23 0.66 0.00
MAPLE_RIDGE_WT_1 323574	20.89 -0.38 0.00	18.45 -0.27 0.00	19.06 -0.20 0.00	20.13 -0.09 0.00	21.14 -0.02 0.00	19.45 -0.08 0.00	18.08 -0.14 0.00	17.54 -0.21 0.00	18.43 -0.17 0.00	19.04 -0.29 0.00	18.27 -0.24 0.00	19.59 -0.22 0.00	19.60 -0.28 0.00	19.39 -0.30 0.00	19.41 -0.32 0.00	22.32 -0.38 0.00	27.17 -0.51 0.00	30.36 -0.74 0.00	25.84 -0.70 0.00	24.78 -0.65 0.00	35.39 -0.68 0.00	29.91 -0.53 0.00	21.15 -0.42 0.00
MAPLE_RIDGE_WT_2 323611	20.89 -0.38 0.00	18.45 -0.27 0.00	19.06 -0.20 0.00	20.13 -0.09 0.00	21.14 -0.02 0.00	19.45 -0.08 0.00	18.08 -0.14 0.00	17.54 -0.21 0.00	18.43 -0.17 0.00	19.04 -0.29 0.00	18.27 -0.24 0.00	19.59 -0.22 0.00	19.60 -0.28 0.00	19.39 -0.30 0.00	19.41 -0.32 0.00	22.32 -0.38 0.00	27.17 -0.51 0.00	30.36 -0.74 0.00	25.84 -0.70 0.00	24.78 -0.65 0.00	35.39 -0.68 0.00	29.91 -0.53 0.00	21.15 -0.42 0.00
MARBLE_RIVER_WT_PWR 323696	20.81 -0.46 0.00	18.13 -0.59 0.00	19.04 -0.23 0.00	20.38 0.16 0.00	21.58 0.43 0.00	20.12 0.59 0.00	18.88 0.67 0.00	18.40 0.65 0.00	19.33 0.73 0.00	19.85 0.51 0.00	18.92 0.41 0.00	20.15 0.35 0.00	19.70 -0.18 0.00	12.67 -0.62 6.40	-17.48 -0.67 36.54	14.96 -0.72 7.03	-9.36 -1.01 36.04	-12.74 -1.35 42.49	-21.00 -1.24 46.30	-21.00 -1.18 45.25	-21.00 -1.36 55.70	-21.00 -1.04 50.40	-21.00 -0.88 41.69
MARSHVLE_115KV_TB1 80742	22.26 0.99 0.00	19.68 0.96 0.00	20.20 0.93 0.00	21.27 1.05 0.00	22.40 1.24 0.00	20.60 1.07 0.00	19.11 0.90 0.00	18.53 0.77 0.00	19.49 0.89 0.00	20.20 0.86 0.00	19.38 0.86 0.00	20.74 0.93 0.00	20.75 0.87 0.00	20.54 0.86 0.00	20.62 0.88 0.00	23.69 0.99 0.00	28.80 1.12 0.00	32.46 1.37 0.00	27.76 1.22 0.00	26.53 1.10 0.00	37.63 1.57 0.00	31.83 1.39 0.00	22.60 1.03 0.00
MARSH_HILL_WT_PWR 323713	20.69 -0.58 0.00	18.09 -0.64 0.00	18.62 -0.64 0.00	19.70 -0.52 0.00	20.81 -0.34 0.00	18.73 -0.81 0.00	17.32 -0.90 0.00	16.73 -1.02 0.00	17.49 -1.11 0.00	17.87 -1.47 0.00	17.11 -1.41 0.00	18.09 -1.71 0.00	18.30 -1.57 0.00	18.05 -1.64 0.00	18.14 -1.59 0.00	20.99 -1.71 0.00	25.53 -2.15 0.00	28.96 -2.13 0.00	24.79 -1.75 0.00	23.93 -1.49 0.00	33.68 -2.39 0.00	28.74 -1.70 0.00	20.93 -0.64 0.00
MCINTYRE_115KV_TB2 80467	21.34 0.06 0.00	18.80 0.08 0.00	19.42 0.16 0.00	20.51 0.29 0.00	21.66 0.50 0.00	20.16 0.63 0.00	18.80 0.58 0.00	18.26 0.51 0.00	19.22 0.62 0.00	19.70 0.36 0.00	18.85 0.34 0.00	20.26 0.46 0.00	20.20 0.32 0.00	20.69 0.22 -0.78	24.45 0.26 -4.45	23.92 0.36 -0.86	32.35 0.28 -4.39	36.37 0.10 -5.18	32.16 -0.02 -5.64	30.88 -0.06 -5.51	43.15 0.30 -6.79	37.04 0.46 -6.14	26.81 0.16 -5.08
MECO____69_KV_BK1 80468	23.12 1.85 0.00	20.34 1.62 0.00	20.86 1.60 0.00	21.95 1.73 0.00	23.05 1.90 0.00	21.27 1.74 0.00	19.80 1.59 0.00	19.27 1.52 0.00	20.29 1.69 0.00	20.96 1.63 0.00	20.19 1.68 0.00	21.63 1.82 0.00	21.61 1.73 0.00	21.42 1.73 0.00	21.48 1.75 0.00	24.69 1.99 0.00	30.22 2.53 0.00	34.28 3.18 0.00	29.36 2.82 0.00	28.02 2.60 0.00	39.60 3.53 0.00	33.43 2.99 0.00	23.66 2.10 0.00
MENANDS__115KV_TB5 355628	21.73 0.45 0.00	19.10 0.38 0.00	19.63 0.37 0.00	20.58 0.36 0.00	21.42 0.27 0.00	19.87 0.34 0.00	18.55 0.33 0.00	18.14 0.39 0.00	18.95 0.35 0.00	19.84 0.50 0.00	18.97 0.46 0.00	20.24 0.43 0.00	20.37 0.50 0.00	20.20 0.51 0.00	20.21 0.47 0.00	23.25 0.55 0.00	28.51 0.82 0.00	32.25 1.15 0.00	27.57 1.03 0.00	26.36 0.93 0.00	37.15 1.08 0.00	31.21 0.77 0.00	22.18 0.61 0.00
MG INDUSTRY__DRP 24185	21.77 0.50 0.00	19.15 0.43 0.00	19.68 0.42 0.00	20.64 0.43 0.00	21.51 0.35 0.00	19.93 0.40 0.00	18.59 0.38 0.00	18.17 0.42 0.00	19.00 0.40 0.00	19.86 0.52 0.00	18.99 0.48 0.00	20.26 0.46 0.00	20.38 0.50 0.00	20.21 0.53 0.00	20.23 0.50 0.00	23.26 0.56 0.00	28.50 0.81 0.00	32.20 1.10 0.00	27.51 0.97 0.00	26.31 0.88 0.00	37.13 1.06 0.00	31.23 0.79 0.00	22.18 0.61 0.00
MID__OSWEGATCHIE_HYD 23849	20.37 -0.90 0.00	17.91 -0.81 0.00	18.64 -0.62 0.00	19.74 -0.48 0.00	20.84 -0.32 0.00	19.14 -0.39 0.00	17.77 -0.45 0.00	17.24 -0.51 0.00	18.19 -0.41 0.00	18.73 -0.61 0.00	17.96 -0.55 0.00	19.23 -0.57 0.00	19.17 -0.71 0.00	19.58 -0.78 -0.68	22.89 -0.71 -3.87	22.64 -0.80 -0.74	30.40 -1.10 -3.81	34.28 -1.32 -4.49	30.28 -1.16 -4.90	29.06 -1.16 -4.79	40.59 -1.37 -5.89	34.69 -1.09 -5.33	25.13 -0.85 -4.41
MID__RAQUETTE_HYD 23851	20.66 -0.61 0.00	18.18 -0.54 0.00	18.84 -0.42 0.00	19.92 -0.30 0.00	21.04 -0.11 0.00	19.57 0.03 0.00	18.24 0.03 0.00	17.72 -0.03 0.00	18.67 0.06 0.00	19.15 -0.18 0.00	18.33 -0.19 0.00	19.68 -0.12 0.00	19.60 -0.28 0.00	20.30 -0.38 -1.00	25.06 -0.36 -5.69	23.42 -0.38 -1.09	32.63 -0.67 -5.61	36.72 -0.99 -6.62	32.80 -0.95 -7.21	31.54 -0.93 -7.05	43.78 -0.96 -8.67	37.69 -0.59 -7.85	27.50 -0.56 -6.49
MILLIKEN__1	21.57	18.93	19.49	20.44	21.33	19.55	18.24	17.78	18.64	19.46	18.64	19.85	19.94	19.74	19.82	22.84	27.83	31.42	26.90	25.78	36.36	30.63	21.84

23584	0.30 0.00	0.21 0.00	0.23 0.00	0.22 0.00	0.18 0.00	0.01 0.00	0.02 0.00	0.03 0.00	0.04 0.00	0.13 0.00	0.13 0.00	0.05 0.00	0.05 0.00	0.05 0.00	0.09 0.00	0.14 0.00	0.14 0.00	0.32 0.00	0.36 0.00	0.35 0.00	0.30 0.00	0.20 0.00	0.27 0.00
MILLIKEN___2 23585	21.57 0.30 0.00	18.93 0.21 0.00	19.49 0.23 0.00	20.44 0.22 0.00	21.33 0.18 0.00	19.55 0.01 0.00	18.24 0.02 0.00	17.78 0.03 0.00	18.64 0.04 0.00	19.46 0.13 0.00	18.64 0.13 0.00	19.85 0.05 0.00	19.94 0.05 0.00	19.74 0.05 0.00	19.82 0.09 0.00	22.84 0.14 0.00	27.83 0.14 0.00	31.42 0.32 0.00	26.90 0.36 0.00	25.78 0.35 0.00	36.36 0.30 0.00	30.63 0.20 0.00	21.84 0.27 0.00
MILLIKEN___DIESEL 23629	21.57 0.30 0.00	18.93 0.21 0.00	19.49 0.23 0.00	20.44 0.22 0.00	21.33 0.18 0.00	19.55 0.01 0.00	18.24 0.02 0.00	17.78 0.03 0.00	18.64 0.04 0.00	19.46 0.13 0.00	18.64 0.13 0.00	19.85 0.05 0.00	19.94 0.05 0.00	19.74 0.05 0.00	19.82 0.09 0.00	22.84 0.14 0.00	27.83 0.14 0.00	31.42 0.32 0.00	26.90 0.36 0.00	25.78 0.35 0.00	36.36 0.30 0.00	30.63 0.20 0.00	21.84 0.27 0.00
MILLSEAT___LFGE 323607	20.27 -1.00 0.00	17.94 -0.79 0.00	18.47 -0.79 0.00	19.38 -0.84 0.00	20.27 -0.88 0.00	18.54 -0.99 0.00	17.05 -1.16 0.00	16.40 -1.35 0.00	17.32 -1.28 0.00	17.86 -1.47 0.00	17.21 -1.31 0.00	18.28 -1.53 0.00	18.33 -1.55 0.00	18.22 -1.46 0.00	18.28 -1.46 0.00	21.13 -1.57 0.00	25.54 -2.15 0.00	28.83 -2.27 0.00	24.43 -2.11 0.00	23.33 -2.10 0.00	32.96 -3.10 0.00	28.15 -2.28 0.00	20.40 -1.17 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.89 0.62 0.00	19.23 0.51 0.00	19.69 0.43 0.00	20.58 0.36 0.00	21.48 0.33 0.00	19.97 0.44 0.00	18.74 0.52 0.00	18.31 0.56 0.00	19.11 0.51 0.00	20.09 0.75 0.00	19.20 0.68 0.00	20.48 0.67 0.00	20.62 0.74 0.00	20.46 0.78 0.00	20.51 0.78 0.00	23.60 0.90 0.00	28.84 1.16 0.00	32.73 1.64 0.00	28.15 1.61 0.00	26.95 1.52 0.00	37.81 1.75 0.00	31.83 1.39 0.00	22.59 1.02 0.00
MILLWOOD_13_KV_LOAD 356217	21.93 0.66 0.00	19.27 0.55 0.00	19.74 0.47 0.00	20.62 0.41 0.00	21.52 0.37 0.00	20.01 0.48 0.00	18.78 0.57 0.00	18.35 0.59 0.00	19.15 0.55 0.00	20.13 0.79 0.00	19.23 0.72 0.00	20.52 0.71 0.00	20.67 0.79 0.00	20.51 0.82 0.00	20.56 0.83 0.00	23.66 0.96 0.00	28.92 1.23 0.00	32.82 1.73 0.00	28.22 1.68 0.00	27.01 1.59 0.00	37.91 1.85 0.00	31.90 1.46 0.00	22.64 1.07 0.00
MODEL_CITY_ENERGY 24167	19.68 -1.59 0.00	17.44 -1.28 0.00	17.96 -1.30 0.00	18.85 -1.37 0.00	19.70 -1.45 0.00	18.01 -1.53 0.00	16.51 -1.70 0.00	15.83 -1.92 0.00	16.73 -1.87 0.00	17.23 -2.10 0.00	16.60 -1.92 0.00	17.60 -2.21 0.00	17.65 -2.23 0.00	17.54 -2.14 0.00	17.58 -2.15 0.00	20.31 -2.39 0.00	24.50 -3.19 0.00	27.64 -3.46 0.00	23.37 -3.17 0.00	22.32 -3.11 0.00	31.57 -4.49 0.00	27.06 -3.38 0.00	19.68 -1.89 0.00
MODERN_LFGE___ 323580	19.68 -1.59 0.00	17.44 -1.28 0.00	17.96 -1.30 0.00	18.85 -1.37 0.00	19.70 -1.45 0.00	18.01 -1.53 0.00	16.51 -1.70 0.00	15.83 -1.92 0.00	16.73 -1.87 0.00	17.23 -2.10 0.00	16.60 -1.92 0.00	17.60 -2.21 0.00	17.65 -2.23 0.00	17.54 -2.14 0.00	17.58 -2.15 0.00	20.31 -2.39 0.00	24.50 -3.19 0.00	27.64 -3.46 0.00	23.37 -3.17 0.00	22.32 -3.11 0.00	31.57 -4.49 0.00	27.06 -3.38 0.00	19.68 -1.89 0.00
MOHAWK_PAPER___DRP 24187	21.77 0.50 0.00	19.14 0.42 0.00	19.67 0.40 0.00	20.62 0.40 0.00	21.47 0.31 0.00	19.91 0.38 0.00	18.58 0.37 0.00	18.18 0.43 0.00	19.00 0.40 0.00	19.88 0.55 0.00	19.01 0.50 0.00	20.28 0.48 0.00	20.42 0.54 0.00	20.24 0.55 0.00	20.25 0.52 0.00	23.30 0.60 0.00	28.58 0.89 0.00	32.33 1.24 0.00	27.65 1.11 0.00	26.43 1.00 0.00	37.24 1.17 0.00	31.29 0.86 0.00	22.23 0.66 0.00
MOHICAN___35_KV_115KV_LD 80490	22.02 0.75 0.00	19.36 0.64 0.00	19.92 0.66 0.00	20.89 0.67 0.00	21.69 0.53 0.00	20.19 0.66 0.00	18.90 0.68 0.00	18.58 0.83 0.00	19.43 0.83 0.00	20.23 0.90 0.00	19.24 0.72 0.00	20.54 0.74 0.00	20.68 0.80 0.00	20.50 0.82 0.00	20.54 0.81 0.00	23.69 0.99 0.00	29.21 1.53 0.00	33.16 2.06 0.00	28.26 1.72 0.00	26.97 1.54 0.00	37.87 1.80 0.00	31.75 1.31 0.00	22.50 0.93 0.00
MONGAUP___HYD 23641	21.73 0.45 0.00	19.09 0.37 0.00	19.57 0.31 0.00	20.47 0.25 0.00	21.37 0.21 0.00	19.84 0.31 0.00	18.59 0.38 0.00	18.15 0.40 0.00	18.93 0.33 0.00	19.82 0.49 0.00	18.91 0.40 0.00	20.21 0.41 0.00	20.46 0.59 0.00	20.29 0.61 0.00	20.37 0.64 0.00	23.35 0.65 0.00	28.49 0.80 0.00	32.36 1.26 0.00	27.85 1.31 0.00	26.83 1.41 0.00	37.66 1.60 0.00	31.66 1.23 0.00	22.53 0.96 0.00
MONTAUK___DIESEL 23721	22.60 1.33 0.00	19.83 1.11 0.00	20.34 1.08 0.00	21.13 0.91 0.00	22.29 1.14 0.00	21.01 1.47 0.00	19.54 1.33 0.00	18.87 1.12 0.00	19.47 0.87 0.00	20.45 1.12 0.00	19.41 0.90 0.00	20.43 0.62 0.00	20.27 0.39 0.00	20.35 0.66 0.00	20.56 0.83 0.00	24.06 1.12 -0.23	29.24 1.53 -0.03	33.34 2.24 0.00	28.63 2.09 0.00	27.41 1.93 -0.05	38.09 2.03 0.00	31.83 1.39 0.00	22.70 1.13 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.73 -0.54 0.00	18.22 -0.50 0.00	18.82 -0.44 0.00	19.65 -0.57 0.00	20.58 -0.57 0.00	18.87 -0.66 0.00	17.35 -0.86 0.00	16.61 -1.14 0.00	17.49 -1.11 0.00	18.01 -1.33 0.00	17.34 -1.17 0.00	18.34 -1.46 0.00	18.43 -1.44 0.00	18.31 -1.38 0.00	18.41 -1.32 0.00	21.23 -1.47 0.00	25.56 -2.13 0.00	28.91 -2.19 0.00	24.58 -1.96 0.00	23.61 -1.82 0.00	33.23 -2.84 0.00	28.34 -2.10 0.00	20.51 -1.06 0.00
MORTIMER_115KV_TB3 55949	20.52 -0.75 0.00	18.13 -0.59 0.00	18.67 -0.60 0.00	19.57 -0.65 0.00	20.44 -0.71 0.00	18.75 -0.79 0.00	17.33 -0.88 0.00	16.76 -0.99 0.00	17.65 -0.95 0.00	18.32 -1.01 0.00	17.60 -0.91 0.00	18.71 -1.10 0.00	18.79 -1.09 0.00	18.66 -1.03 0.00	18.71 -1.02 0.00	21.61 -1.09 0.00	26.19 -1.49 0.00	29.55 -1.55 0.00	25.12 -1.42 0.00	24.00 -1.42 0.00	33.95 -2.12 0.00	28.82 -1.62 0.00	20.71 -0.86 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.92 0.64 0.00	19.27 0.55 0.00	19.71 0.45 0.00	20.59 0.38 0.00	21.49 0.33 0.00	19.99 0.46 0.00	18.77 0.56 0.00	18.35 0.60 0.00	19.15 0.55 0.00	20.15 0.81 0.00	19.26 0.75 0.00	20.54 0.73 0.00	20.68 0.80 0.00	20.53 0.84 0.00	20.58 0.85 0.00	23.67 0.96 0.00	28.90 1.22 0.00	32.81 1.72 0.00	28.24 1.70 0.00	27.04 1.62 0.00	37.93 1.86 0.00	31.93 1.49 0.00	22.65 1.08 0.00
MUNSVILLE_WIND_PWR	22.91	20.15	20.71	21.67	22.50	20.34	19.10	18.59	19.61	20.57	19.59	20.75	20.70	20.47	20.54	23.64	28.86	32.71	28.09	26.86	37.77	31.85	22.70

323609	1.64 0.00	1.43 0.00	1.45 0.00	1.45 0.00	1.35 0.00	0.81 0.00	0.89 0.00	0.84 0.00	1.01 0.00	1.24 0.00	1.07 0.00	0.94 0.00	0.82 0.00	0.78 0.00	0.81 0.00	0.94 0.00	1.17 0.00	1.62 0.00	1.55 0.00	1.43 0.00	1.70 0.00	1.41 0.00	1.14 0.00
N SALMON___HYD 24042	21.02 -0.25 0.00	18.37 -0.35 0.00	19.23 -0.03 0.00	20.51 0.29 0.00	21.72 0.57 0.00	20.23 0.70 0.00	18.95 0.73 0.00	18.46 0.70 0.00	19.43 0.83 0.00	19.93 0.59 0.00	19.01 0.50 0.00	20.31 0.50 0.00	19.95 0.07 0.00	23.84 -0.27 -4.43	44.74 -0.28 -25.29	27.31 -0.25 -4.86	52.16 -0.46 -24.94	59.77 -0.73 -29.40	57.85 -0.73 -32.04	56.00 -0.74 -31.31	73.87 -0.74 -38.55	64.80 -0.52 -34.88	49.92 -0.50 -28.85
N.AKRON___115KV_KNAPP 355671	20.27 -1.00 0.00	17.95 -0.77 0.00	18.49 -0.77 0.00	19.38 -0.84 0.00	20.26 -0.89 0.00	18.54 -0.99 0.00	17.05 -1.17 0.00	16.39 -1.36 0.00	17.31 -1.29 0.00	17.86 -1.48 0.00	17.20 -1.31 0.00	18.27 -1.54 0.00	18.32 -1.56 0.00	18.21 -1.47 0.00	18.26 -1.47 0.00	21.12 -1.58 0.00	25.51 -2.17 0.00	28.80 -2.30 0.00	24.40 -2.14 0.00	23.30 -2.13 0.00	32.93 -3.14 0.00	28.12 -2.31 0.00	20.38 -1.18 0.00
N.BELMOR_69_KV_BK1 55787	22.20 0.93 0.00	19.50 0.77 0.00	19.94 0.67 0.00	20.77 0.56 0.00	21.74 0.58 0.00	20.29 0.76 0.00	18.97 0.76 0.00	18.46 0.71 0.00	19.21 0.61 0.00	20.27 0.94 0.00	19.30 0.79 0.00	20.61 0.80 0.00	20.79 0.91 0.00	20.72 1.03 0.00	20.86 1.13 0.00	25.36 1.37 -1.29	29.55 1.72 -0.15	33.39 2.29 0.00	28.64 2.10 0.00	27.75 2.04 -0.29	38.35 2.28 0.00	32.15 1.71 0.00	22.91 1.34 0.00
N.E_GEN_SANDY PD 24062	21.79 0.34 -0.18	19.01 0.29 0.00	19.53 0.27 0.00	20.46 0.24 0.00	21.26 0.11 0.00	19.76 0.23 0.00	18.36 0.27 0.12	18.25 0.35 -0.15	18.90 0.30 0.00	19.78 0.45 0.00	18.90 0.38 0.00	20.13 0.32 0.00	20.27 0.39 0.00	20.11 0.42 0.00	20.11 0.37 0.00	23.06 0.43 0.07	29.41 0.74 -0.98	32.26 1.16 0.00	27.70 1.06 -0.09	25.95 0.97 0.44	37.36 1.02 -0.28	30.63 0.68 0.49	22.02 0.53 0.08
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.91 0.64 0.00	19.25 0.52 0.00	19.71 0.45 0.00	20.60 0.38 0.00	21.50 0.35 0.00	19.99 0.46 0.00	18.76 0.55 0.00	18.32 0.57 0.00	19.12 0.52 0.00	20.12 0.78 0.00	19.22 0.70 0.00	20.50 0.69 0.00	20.65 0.77 0.00	20.47 0.79 0.00	20.53 0.79 0.00	23.62 0.92 0.00	28.86 1.17 0.00	32.76 1.66 0.00	28.17 1.63 0.00	26.96 1.54 0.00	37.86 1.79 0.00	31.89 1.45 0.00	22.63 1.06 0.00
N.QUEENS_27_KV_LOAD 356247	21.89 0.62 0.00	19.27 0.55 0.00	19.67 0.41 0.00	20.56 0.34 0.00	21.45 0.30 0.00	19.97 0.43 0.00	18.76 0.55 0.00	18.33 0.58 0.00	19.14 0.54 0.00	20.19 0.85 0.00	19.29 0.77 0.00	20.58 0.77 0.00	20.71 0.83 0.00	20.56 0.87 0.00	20.60 0.87 0.00	23.67 0.97 0.00	28.83 1.15 0.00	32.79 1.70 0.00	28.28 1.75 0.00	27.08 1.66 0.00	37.91 1.84 0.00	31.91 1.47 0.00	22.67 1.11 0.00
N.TROY___115KV_TB1 355778	21.64 0.37 0.00	19.03 0.31 0.00	19.57 0.31 0.00	20.52 0.31 0.00	21.34 0.18 0.00	19.81 0.28 0.00	18.51 0.30 0.00	18.12 0.36 0.00	18.93 0.33 0.00	19.77 0.44 0.00	18.90 0.39 0.00	20.15 0.34 0.00	20.28 0.40 0.00	20.10 0.42 0.00	20.11 0.38 0.00	23.15 0.45 0.00	28.46 0.77 0.00	32.21 1.11 0.00	27.52 0.98 0.00	26.30 0.87 0.00	37.04 0.98 0.00	31.11 0.67 0.00	22.08 0.51 0.00
NARROWS_GT1_1 24228	21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00
NARROWS_GT1_2 24229	21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00
NARROWS_GT1_3 24230	21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00
NARROWS_GT1_4 24231	21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00
NARROWS_GT1_5 24232	21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00
NARROWS_GT1_6 24233	21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00
NARROWS_GT1_7 24234	21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00
NARROWS_GT1_8	21.97	19.31	19.74	20.62	21.52	20.03	18.82	18.41	19.21	20.24	19.32	20.63	20.76	20.59	20.66	23.76	28.97	32.90	28.35	27.17	38.06	32.05	22.74

24235	0.70 0.00	0.59 0.00	0.48 0.00	0.40 0.00	0.36 0.00	0.50 0.00	0.61 0.00	0.66 0.00	0.60 0.00	0.90 0.00	0.81 0.00	0.82 0.00	0.88 0.00	0.91 0.00	0.92 0.00	1.05 0.00	1.28 0.00	1.81 0.00	1.81 0.00	1.74 0.00	2.00 0.00	1.61 0.00	1.17 0.00
NARROWS_GT2_1 24236	21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00
NARROWS_GT2_2 24237	21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00
NARROWS_GT2_3 24238	21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00
NARROWS_GT2_4 24239	21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00
NARROWS_GT2_5 24240	21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00
NARROWS_GT2_6 24241	21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00
NARROWS_GT2_7 24242	21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00
NARROWS_GT2_8 24243	21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00
NCATSKLL_69_KV_NC- LINE_REV_LBMP_G 345022	22.29 1.02 0.00	19.58 0.86 0.00	20.14 0.88 0.00	21.13 0.91 0.00	22.01 0.86 0.00	20.41 0.87 0.00	19.04 0.82 0.00	18.64 0.88 0.00	19.46 0.86 0.00	20.37 1.04 0.00	19.46 0.95 0.00	20.75 0.94 0.00	20.85 0.97 0.00	20.71 1.03 0.00	20.74 1.00 0.00	23.81 1.11 0.00	29.35 1.66 0.00	33.22 2.12 0.00	28.37 1.82 0.00	27.09 1.66 0.00	38.19 2.12 0.00	32.03 1.60 0.00	22.73 1.16 0.00
NCHELSEA_115KV_TR2 355582	22.02 0.75 0.00	19.35 0.63 0.00	19.83 0.57 0.00	20.74 0.52 0.00	21.64 0.49 0.00	20.11 0.58 0.00	18.85 0.64 0.00	18.43 0.67 0.00	19.24 0.64 0.00	20.18 0.85 0.00	19.30 0.79 0.00	20.59 0.78 0.00	20.73 0.85 0.00	20.56 0.87 0.00	20.60 0.87 0.00	23.73 1.03 0.00	29.05 1.36 0.00	32.96 1.87 0.00	28.31 1.77 0.00	27.08 1.65 0.00	38.03 1.96 0.00	31.96 1.52 0.00	22.68 1.11 0.00
NEG CAPITAL___MECHNVIL 23645	21.92 0.65 0.00	19.28 0.55 0.00	19.83 0.57 0.00	20.80 0.58 0.00	21.64 0.49 0.00	20.09 0.56 0.00	18.78 0.56 0.00	18.39 0.64 0.00	19.22 0.62 0.00	20.06 0.73 0.00	19.16 0.65 0.00	20.46 0.66 0.00	20.58 0.70 0.00	20.41 0.72 0.00	20.42 0.69 0.00	23.54 0.83 0.00	28.92 1.24 0.00	32.74 1.65 0.00	27.98 1.44 0.00	26.72 1.29 0.00	37.62 1.56 0.00	31.57 1.14 0.00	22.39 0.82 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.27 -1.00 0.00	17.88 -0.84 0.00	18.41 -0.86 0.00	19.31 -0.91 0.00	20.16 -0.99 0.00	18.49 -1.05 0.00	17.13 -1.08 0.00	16.61 -1.14 0.00	17.49 -1.12 0.00	18.18 -1.16 0.00	17.46 -1.05 0.00	18.57 -1.23 0.00	18.65 -1.23 0.00	18.52 -1.17 0.00	18.57 -1.16 0.00	21.42 -1.28 0.00	26.01 -1.67 0.00	29.34 -1.76 0.00	24.99 -1.55 0.00	23.87 -1.55 0.00	33.75 -2.32 0.00	28.59 -1.84 0.00	20.48 -1.09 0.00
NEG CENTRAL___DRP 24199	21.12 -0.15 0.00	18.54 -0.18 0.00	19.10 -0.16 0.00	20.05 -0.17 0.00	20.95 -0.20 0.00	19.19 -0.34 0.00	17.87 -0.34 0.00	17.37 -0.38 0.00	18.21 -0.39 0.00	18.97 -0.36 0.00	18.17 -0.34 0.00	19.34 -0.46 0.00	19.46 -0.43 0.00	19.26 -0.42 0.00	19.34 -0.39 0.00	22.29 -0.41 0.00	27.15 -0.54 0.00	30.67 -0.43 0.00	26.23 -0.31 0.00	25.14 -0.28 0.00	35.42 -0.64 0.00	29.91 -0.53 0.00	21.39 -0.18 0.00
NEG CENTRAL___INDECK 23768	21.17 -0.10 0.00	18.56 -0.16 0.00	19.11 -0.15 0.00	20.14 -0.08 0.00	21.13 -0.02 0.00	19.28 -0.25 0.00	17.87 -0.34 0.00	17.28 -0.47 0.00	18.01 -0.59 0.00	18.58 -0.76 0.00	17.72 -0.79 0.00	18.79 -1.02 0.00	18.91 -0.97 0.00	18.81 -0.88 0.00	18.86 -0.87 0.00	21.90 -0.79 0.00	26.88 -0.81 0.00	30.43 -0.67 0.00	26.02 -0.52 0.00	25.00 -0.42 0.00	35.25 -0.81 0.00	29.91 -0.52 0.00	21.53 -0.04 0.00



NEG CENTRAL___SENECA 23627	21.03 -0.24 0.00	18.47 -0.25 0.00	19.02 -0.24 0.00	19.97 -0.25 0.00	20.89 -0.26 0.00	19.14 -0.39 0.00	17.82 -0.39 0.00	17.30 -0.45 0.00	18.14 -0.46 0.00	18.86 -0.48 0.00	18.06 -0.46 0.00	19.19 -0.61 0.00	19.33 -0.55 0.00	19.15 -0.54 0.00	19.23 -0.50 0.00	22.21 -0.49 0.00	27.01 -0.67 0.00	30.57 -0.53 0.00	26.13 -0.41 0.00	25.06 -0.36 0.00	35.25 -0.82 0.00	29.81 -0.63 0.00	21.37 -0.20 0.00
NEG CENTRAL___STATE_STREET 24147	21.38 0.11 0.00	18.74 0.01 0.00	19.33 0.07 0.00	20.29 0.07 0.00	21.19 0.04 0.00	19.35 -0.18 0.00	18.02 -0.19 0.00	17.57 -0.19 0.00	18.41 -0.20 0.00	19.25 -0.09 0.00	18.47 -0.05 0.00	19.69 -0.12 0.00	19.75 -0.13 0.00	19.52 -0.17 0.00	19.58 -0.16 0.00	22.54 -0.17 0.00	27.44 -0.24 0.00	30.96 -0.14 0.00	26.53 -0.01 0.00	25.41 -0.02 0.00	35.90 -0.17 0.00	30.21 -0.22 0.00	21.54 -0.03 0.00
NEG MILLWOOD___DRP 24198	22.08 0.81 0.00	19.40 0.68 0.00	19.87 0.61 0.00	20.79 0.57 0.00	21.68 0.52 0.00	20.15 0.62 0.00	18.90 0.68 0.00	18.48 0.73 0.00	19.30 0.70 0.00	20.25 0.92 0.00	19.37 0.86 0.00	20.66 0.85 0.00	20.79 0.92 0.00	20.63 0.95 0.00	20.68 0.94 0.00	23.81 1.11 0.00	29.15 1.46 0.00	33.09 2.00 0.00	28.44 1.89 0.00	27.21 1.78 0.00	38.17 2.11 0.00	32.08 1.64 0.00	22.76 1.19 0.00
NEG NORTH_FLCN_SEA 23793	21.08 -0.19 0.00	18.37 -0.35 0.00	19.26 0.00 0.00	20.60 0.38 0.00	21.78 0.63 0.00	20.27 0.74 0.00	19.03 0.82 0.00	18.56 0.81 0.00	19.50 0.89 0.00	20.02 0.69 0.00	19.06 0.55 0.00	20.29 0.49 0.00	19.87 -0.01 0.00	12.77 -0.47 6.46	-17.68 -0.53 36.89	15.08 -0.53 7.09	-9.45 -0.76 36.38	-12.86 -1.07 42.89	-21.20 -1.00 46.74	-21.16 -0.92 45.67	-21.19 -1.03 56.23	-21.21 -0.78 50.87	-21.18 -0.66 42.08
NEG NORTH_KES_CHATEGAY 23792	20.91 -0.36 0.00	18.23 -0.50 0.00	19.14 -0.12 0.00	20.46 0.25 0.00	21.68 0.52 0.00	20.19 0.66 0.00	18.93 0.72 0.00	18.45 0.70 0.00	19.39 0.79 0.00	19.91 0.57 0.00	18.97 0.46 0.00	20.21 0.40 0.00	19.77 -0.11 0.00	12.28 -0.53 6.88	-20.11 -0.54 39.30	14.58 -0.56 7.56	-11.89 -0.82 38.76	-15.73 -1.14 45.70	-24.34 -1.08 49.80	-24.30 -1.06 48.66	-25.03 -1.19 59.91	-24.68 -0.91 54.20	-24.06 -0.79 44.84
NEG NORTH___ALICE_FALLS 23915	21.15 -0.12 0.00	18.42 -0.30 0.00	19.32 0.06 0.00	20.67 0.45 0.00	21.87 0.72 0.00	20.38 0.84 0.00	19.12 0.91 0.00	18.65 0.90 0.00	19.61 1.01 0.00	20.14 0.80 0.00	19.18 0.67 0.00	20.43 0.63 0.00	19.99 0.11 0.00	12.84 -0.33 6.52	-17.91 -0.38 37.27	15.19 -0.35 7.17	-9.60 -0.54 36.75	-13.02 -0.79 43.33	-21.45 -0.77 47.22	-21.48 -0.76 46.15	-21.58 -0.84 56.81	-21.58 -0.62 51.40	-21.51 -0.56 42.52
NEG NORTH___LWR_SARANAC 23913	21.15 -0.12 0.00	18.42 -0.30 0.00	19.32 0.06 0.00	20.67 0.45 0.00	21.87 0.72 0.00	20.38 0.84 0.00	19.12 0.91 0.00	18.65 0.90 0.00	19.61 1.01 0.00	20.14 0.80 0.00	19.18 0.67 0.00	20.43 0.63 0.00	19.99 0.11 0.00	12.84 -0.33 6.52	-17.91 -0.38 37.27	15.19 -0.35 7.17	-9.60 -0.54 36.75	-13.02 -0.79 43.33	-21.45 -0.77 47.22	-21.48 -0.76 46.15	-21.58 -0.84 56.81	-21.58 -0.62 51.40	-21.51 -0.56 42.52
NEG NORTH___PLATTSBURG 23628	21.15 -0.12 0.00	18.42 -0.30 0.00	19.32 0.06 0.00	20.67 0.45 0.00	21.87 0.72 0.00	20.38 0.84 0.00	19.12 0.91 0.00	18.65 0.90 0.00	19.61 1.01 0.00	20.14 0.80 0.00	19.18 0.67 0.00	20.43 0.63 0.00	19.99 0.11 0.00	12.84 -0.33 6.52	-17.91 -0.38 37.27	15.19 -0.35 7.17	-9.61 -0.54 36.75	-13.02 -0.79 43.33	-21.46 -0.77 47.22	-21.48 -0.76 46.15	-21.59 -0.84 56.81	-21.59 -0.62 51.40	-21.51 -0.56 42.52
NEG WEST_LEA_LOCKPORT 23791	19.89 -1.38 0.00	17.64 -1.08 0.00	18.17 -1.09 0.00	19.04 -1.18 0.00	19.89 -1.26 0.00	18.19 -1.34 0.00	16.69 -1.52 0.00	16.01 -1.74 0.00	16.92 -1.69 0.00	17.43 -1.90 0.00	16.79 -1.73 0.00	17.80 -2.01 0.00	17.85 -2.03 0.00	17.74 -1.94 0.00	17.78 -1.96 0.00	20.54 -2.16 0.00	24.77 -2.92 0.00	27.95 -3.15 0.00	23.63 -2.90 0.00	22.58 -2.85 0.00	31.94 -4.13 0.00	27.34 -3.10 0.00	19.88 -1.68 0.00
NEG WEST___LANCASTER 23811	20.93 -0.34 0.00	18.50 -0.23 0.00	19.09 -0.17 0.00	19.99 -0.23 0.00	20.86 -0.29 0.00	19.13 -0.40 0.00	17.64 -0.58 0.00	16.98 -0.77 0.00	17.85 -0.75 0.00	18.45 -0.89 0.00	17.76 -0.75 0.00	18.91 -0.90 0.00	19.00 -0.89 0.00	18.85 -0.84 0.00	18.91 -0.83 0.00	21.82 -0.88 0.00	26.28 -1.40 0.00	29.62 -1.48 0.00	25.10 -1.45 0.00	24.04 -1.38 0.00	33.98 -2.09 0.00	29.04 -1.40 0.00	21.05 -0.52 0.00
NEG_PENN_ALLEGHNY 23528	21.19 -0.08 0.00	18.61 -0.12 0.00	19.15 -0.11 0.00	20.07 -0.15 0.00	20.96 -0.19 0.00	19.27 -0.26 0.00	18.00 -0.22 0.00	17.51 -0.24 0.00	18.36 -0.24 0.00	19.15 -0.18 0.00	18.35 -0.16 0.00	19.55 -0.26 0.00	19.67 -0.21 0.00	19.46 -0.22 0.00	19.55 -0.18 0.00	22.53 -0.17 0.00	27.39 -0.29 0.00	30.93 -0.17 0.00	26.44 -0.10 0.00	25.38 -0.04 0.00	35.76 -0.31 0.00	30.20 -0.24 0.00	21.56 -0.01 0.00
NEG___GEN_MONROE 24207	20.61 -0.66 0.00	18.20 -0.52 0.00	18.75 -0.51 0.00	19.66 -0.56 0.00	20.54 -0.61 0.00	18.83 -0.70 0.00	17.40 -0.82 0.00	16.81 -0.94 0.00	17.71 -0.89 0.00	18.37 -0.97 0.00	17.64 -0.87 0.00	18.76 -1.05 0.00	18.84 -1.04 0.00	18.72 -0.97 0.00	18.77 -0.96 0.00	21.68 -1.02 0.00	26.28 -1.40 0.00	29.66 -1.44 0.00	25.21 -1.33 0.00	24.08 -1.35 0.00	34.05 -2.02 0.00	28.92 -1.52 0.00	20.81 -0.76 0.00
NEPA___ENERGY 23901	20.37 -0.90 0.00	17.92 -0.80 0.00	18.49 -0.77 0.00	19.33 -0.89 0.00	20.23 -0.92 0.00	18.57 -0.96 0.00	17.23 -0.99 0.00	16.59 -1.17 0.00	17.42 -1.18 0.00	18.06 -1.28 0.00	17.39 -1.12 0.00	18.44 -1.36 0.00	18.56 -1.32 0.00	18.35 -1.33 0.00	18.45 -1.28 0.00	21.30 -1.40 0.00	25.63 -2.06 0.00	28.96 -2.14 0.00	24.56 -1.98 0.00	23.67 -1.76 0.00	33.27 -2.80 0.00	28.37 -2.07 0.00	20.55 -1.02 0.00
NEVERSINK___HYD 23608	22.26 0.99 0.00	19.55 0.83 0.00	20.03 0.77 0.00	20.94 0.72 0.00	21.86 0.71 0.00	20.30 0.77 0.00	19.04 0.82 0.00	18.59 0.84 0.00	19.41 0.81 0.00	20.35 1.01 0.00	19.45 0.94 0.00	20.72 0.92 0.00	20.87 0.99 0.00	20.65 0.96 0.00	20.76 1.02 0.00	23.96 1.26 0.00	29.23 1.54 0.00	33.13 2.03 0.00	28.53 1.99 0.00	27.33 1.90 0.00	38.39 2.32 0.00	32.28 1.85 0.00	22.90 1.33 0.00
NEWKRMKL_115KV_TB1 55635	21.79 0.52 0.00	19.16 0.44 0.00	19.69 0.43 0.00	20.64 0.43 0.00	21.50 0.34 0.00	19.93 0.40 0.00	18.61 0.40 0.00	18.20 0.44 0.00	19.02 0.42 0.00	19.90 0.57 0.00	19.04 0.53 0.00	20.31 0.51 0.00	20.45 0.57 0.00	20.27 0.59 0.00	20.29 0.55 0.00	23.34 0.64 0.00	28.61 0.92 0.00	32.35 1.26 0.00	27.67 1.13 0.00	26.45 1.03 0.00	37.27 1.21 0.00	31.33 0.89 0.00	22.25 0.69 0.00

NEWTON___FALLS_HYD 23847	20.37 -0.90 0.00	17.91 -0.81 0.00	18.64 -0.62 0.00	19.74 -0.48 0.00	20.84 -0.32 0.00	19.14 -0.39 0.00	17.77 -0.45 0.00	17.24 -0.51 0.00	18.19 -0.41 0.00	18.73 -0.61 0.00	17.96 -0.55 0.00	19.23 -0.57 0.00	19.17 -0.71 0.00	19.58 -0.78 -0.68	22.89 -0.71 -3.87	22.64 -0.80 -0.74	30.40 -1.10 -3.81	34.28 -1.32 -4.49	30.28 -1.16 -4.90	29.06 -1.16 -4.79	40.59 -1.37 -5.89	34.69 -1.09 -5.33	25.13 -0.85 -4.41
NGRID_A1_DSASP 323792	19.57 -1.70 0.00	17.37 -1.36 0.00	17.89 -1.37 0.00	18.78 -1.44 0.00	19.62 -1.53 0.00	17.94 -1.60 0.00	16.45 -1.77 0.00	15.76 -1.99 0.00	16.66 -1.94 0.00	17.16 -2.18 0.00	16.50 -2.02 0.00	17.41 -2.40 0.00	17.46 -2.43 0.00	17.35 -2.34 0.00	17.39 -2.35 0.00	20.08 -2.62 0.00	24.20 -3.48 0.00	27.30 -3.80 0.00	23.08 -3.46 0.00	22.05 -3.38 0.00	31.19 -4.87 0.00	26.74 -3.70 0.00	19.53 -2.04 0.00
NGRID_A2_DSASP 323793	19.57 -1.70 0.00	17.37 -1.36 0.00	17.89 -1.37 0.00	18.78 -1.44 0.00	19.62 -1.53 0.00	17.94 -1.60 0.00	16.45 -1.77 0.00	15.76 -1.99 0.00	16.66 -1.94 0.00	17.16 -2.18 0.00	16.50 -2.02 0.00	17.41 -2.40 0.00	17.46 -2.43 0.00	17.35 -2.34 0.00	17.39 -2.35 0.00	20.08 -2.62 0.00	24.20 -3.48 0.00	27.30 -3.80 0.00	23.08 -3.46 0.00	22.05 -3.38 0.00	31.19 -4.87 0.00	26.74 -3.70 0.00	19.53 -2.04 0.00
NGRID_A4_DSASP 323807	19.57 -1.70 0.00	17.37 -1.36 0.00	17.89 -1.37 0.00	18.78 -1.44 0.00	19.62 -1.53 0.00	17.94 -1.60 0.00	16.45 -1.77 0.00	15.76 -1.99 0.00	16.66 -1.94 0.00	17.16 -2.18 0.00	16.50 -2.02 0.00	17.41 -2.40 0.00	17.46 -2.43 0.00	17.35 -2.34 0.00	17.39 -2.35 0.00	20.08 -2.62 0.00	24.20 -3.48 0.00	27.30 -3.80 0.00	23.08 -3.46 0.00	22.05 -3.38 0.00	31.19 -4.87 0.00	26.74 -3.70 0.00	19.53 -2.04 0.00
NIAGARA_115E_LBMP 323715	19.56 -1.71 0.00	17.34 -1.38 0.00	17.86 -1.41 0.00	18.73 -1.49 0.00	19.59 -1.56 0.00	17.90 -1.63 0.00	16.41 -1.81 0.00	15.72 -2.03 0.00	16.62 -1.99 0.00	17.11 -2.23 0.00	16.47 -2.04 0.00	17.48 -2.33 0.00	17.52 -2.36 0.00	17.41 -2.28 0.00	17.46 -2.28 0.00	20.16 -2.54 0.00	24.31 -3.38 0.00	27.42 -3.68 0.00	23.18 -3.35 0.00	22.14 -3.28 0.00	31.33 -4.74 0.00	26.85 -3.58 0.00	19.55 -2.02 0.00
NIAGARA_115W_LBMP 323714	19.53 -1.74 0.00	17.33 -1.39 0.00	17.86 -1.40 0.00	18.74 -1.48 0.00	19.58 -1.57 0.00	17.91 -1.63 0.00	16.41 -1.80 0.00	15.73 -2.02 0.00	16.63 -1.97 0.00	17.12 -2.21 0.00	16.46 -2.05 0.00	17.36 -2.44 0.00	17.41 -2.47 0.00	17.31 -2.38 0.00	17.34 -2.39 0.00	20.03 -2.67 0.00	24.14 -3.54 0.00	27.23 -3.87 0.00	23.02 -3.52 0.00	21.98 -3.44 0.00	31.11 -4.96 0.00	26.68 -3.76 0.00	19.48 -2.09 0.00
NIAGARA_230_LBMP 323716	19.73 -1.54 0.00	17.48 -1.24 0.00	18.02 -1.24 0.00	18.90 -1.31 0.00	19.75 -1.40 0.00	18.07 -1.46 0.00	16.59 -1.63 0.00	15.92 -1.84 0.00	16.82 -1.79 0.00	17.33 -2.00 0.00	16.68 -1.84 0.00	17.67 -2.14 0.00	17.72 -2.16 0.00	17.61 -2.08 0.00	17.66 -2.08 0.00	20.38 -2.32 0.00	24.56 -3.12 0.00	27.72 -3.38 0.00	23.44 -3.10 0.00	22.40 -3.03 0.00	31.71 -4.36 0.00	27.14 -3.29 0.00	19.73 -1.83 0.00
NIAGARA___115KV_198_GIBSON 55903	19.53 -1.74 0.00	17.36 -1.37 0.00	17.88 -1.39 0.00	18.74 -1.48 0.00	19.58 -1.57 0.00	17.91 -1.62 0.00	16.41 -1.80 0.00	15.73 -2.02 0.00	16.63 -1.97 0.00	17.12 -2.21 0.00	16.46 -2.05 0.00	17.36 -2.44 0.00	17.41 -2.47 0.00	17.31 -2.38 0.00	17.34 -2.39 0.00	20.03 -2.67 0.00	24.14 -3.55 0.00	27.23 -3.87 0.00	23.01 -3.53 0.00	21.98 -3.45 0.00	31.11 -4.95 0.00	26.66 -3.78 0.00	19.48 -2.09 0.00
NIAGARA____ 23760	19.73 -1.54 0.00	17.48 -1.24 0.00	18.02 -1.24 0.00	18.90 -1.31 0.00	19.75 -1.40 0.00	18.07 -1.46 0.00	16.59 -1.63 0.00	15.92 -1.84 0.00	16.82 -1.79 0.00	17.33 -2.00 0.00	16.68 -1.84 0.00	17.67 -2.14 0.00	17.72 -2.16 0.00	17.61 -2.08 0.00	17.66 -2.08 0.00	20.38 -2.32 0.00	24.56 -3.12 0.00	27.72 -3.38 0.00	23.44 -3.10 0.00	22.40 -3.03 0.00	31.71 -4.36 0.00	27.14 -3.29 0.00	19.73 -1.83 0.00
NINE_MILE_1 23575	20.81 -0.46 0.00	18.32 -0.40 0.00	18.85 -0.41 0.00	19.77 -0.44 0.00	20.63 -0.52 0.00	18.91 -0.62 0.00	17.59 -0.63 0.00	17.13 -0.63 0.00	17.95 -0.65 0.00	18.74 -0.60 0.00	17.97 -0.54 0.00	19.15 -0.65 0.00	19.24 -0.64 0.00	19.06 -0.63 0.00	19.12 -0.62 0.00	21.97 -0.73 0.00	26.75 -0.93 0.00	30.12 -0.98 0.00	25.72 -0.82 0.00	24.62 -0.81 0.00	34.82 -1.24 0.00	29.42 -1.02 0.00	20.97 -0.60 0.00
NINE_MILE_2 23744	20.82 -0.45 0.00	18.32 -0.40 0.00	18.85 -0.41 0.00	19.77 -0.44 0.00	20.63 -0.52 0.00	18.92 -0.62 0.00	17.59 -0.63 0.00	17.13 -0.62 0.00	17.96 -0.64 0.00	18.74 -0.60 0.00	17.97 -0.54 0.00	19.16 -0.65 0.00	19.25 -0.64 0.00	19.07 -0.62 0.00	19.12 -0.61 0.00	21.97 -0.73 0.00	26.76 -0.93 0.00	30.12 -0.97 0.00	25.72 -0.82 0.00	24.62 -0.80 0.00	34.84 -1.23 0.00	29.42 -1.01 0.00	20.97 -0.60 0.00
NM_CAPITAL___DRP 24208	21.73 0.45 0.00	19.10 0.38 0.00	19.63 0.37 0.00	20.58 0.36 0.00	21.42 0.27 0.00	19.87 0.34 0.00	18.54 0.33 0.00	18.13 0.38 0.00	18.95 0.35 0.00	19.83 0.50 0.00	18.97 0.46 0.00	20.23 0.43 0.00	20.37 0.49 0.00	20.19 0.51 0.00	20.20 0.47 0.00	23.24 0.54 0.00	28.50 0.81 0.00	32.23 1.13 0.00	27.56 1.02 0.00	26.35 0.92 0.00	37.13 1.07 0.00	31.21 0.77 0.00	22.17 0.60 0.00
NM_CENTRAL___DRP 24181	21.09 -0.18 0.00	18.56 -0.16 0.00	19.10 -0.16 0.00	20.02 -0.20 0.00	20.88 -0.27 0.00	19.15 -0.38 0.00	17.81 -0.40 0.00	17.35 -0.40 0.00	18.19 -0.41 0.00	18.99 -0.34 0.00	18.22 -0.29 0.00	19.41 -0.39 0.00	19.50 -0.38 0.00	19.34 -0.35 0.00	19.40 -0.33 0.00	22.30 -0.40 0.00	27.13 -0.55 0.00	30.54 -0.56 0.00	26.08 -0.46 0.00	24.97 -0.46 0.00	35.32 -0.75 0.00	29.87 -0.57 0.00	21.30 -0.28 0.00
NM_FRONTIER___DRP 24179	19.53 -1.74 0.00	17.36 -1.37 0.00	17.88 -1.39 0.00	18.74 -1.48 0.00	19.58 -1.57 0.00	17.91 -1.62 0.00	16.41 -1.80 0.00	15.73 -2.02 0.00	16.63 -1.97 0.00	17.12 -2.21 0.00	16.46 -2.05 0.00	17.36 -2.44 0.00	17.41 -2.47 0.00	17.31 -2.38 0.00	17.34 -2.39 0.00	20.03 -2.67 0.00	24.14 -3.55 0.00	27.23 -3.87 0.00	23.01 -3.53 0.00	21.98 -3.45 0.00	31.11 -4.95 0.00	26.66 -3.78 0.00	19.48 -2.09 0.00
NM_ST_REGIS___HYD 24053	20.77 -0.50 0.00	18.24 -0.48 0.00	18.95 -0.31 0.00	20.09 -0.12 0.00	21.24 0.09 0.00	19.76 0.23 0.00	18.44 0.23 0.00	17.93 0.18 0.00	18.89 0.29 0.00	19.37 0.04 0.00	18.52 0.01 0.00	19.86 0.06 0.00	19.70 -0.18 0.00	21.04 -0.35 -1.70	29.13 -0.33 -9.73	24.24 -0.33 -1.87	36.68 -0.60 -9.59	41.49 -0.91 -11.31	37.98 -0.88 -12.32	36.59 -0.88 -12.04	50.00 -0.88 -14.82	43.29 -0.56 -13.41	32.13 -0.54 -11.10

NORTHPORT___1 23551	22.09 0.82 0.00	19.43 0.71 0.00	19.88 0.62 0.00	20.67 0.45 0.00	21.67 0.52 0.00	20.24 0.71 0.00	18.86 0.65 0.00	18.33 0.58 0.00	19.08 0.48 0.00	20.19 0.85 0.00	19.19 0.68 0.00	20.42 0.62 0.00	20.59 0.71 0.00	20.53 0.84 0.00	20.70 0.97 0.00	24.10 1.21 -0.20	29.25 1.55 -0.02	33.13 2.04 0.00	28.33 1.79 0.00	27.29 1.82 -0.04	37.89 1.82 0.00	31.73 1.30 0.00	22.75 1.18 0.00
NORTHPORT___2 23552	22.09 0.82 0.00	19.43 0.71 0.00	19.88 0.62 0.00	20.67 0.45 0.00	21.67 0.52 0.00	20.24 0.71 0.00	18.86 0.65 0.00	18.33 0.58 0.00	19.08 0.48 0.00	20.19 0.85 0.00	19.19 0.68 0.00	20.42 0.62 0.00	20.59 0.71 0.00	20.53 0.84 0.00	20.70 0.97 0.00	24.10 1.21 -0.20	29.25 1.55 -0.02	33.13 2.04 0.00	28.33 1.79 0.00	27.29 1.82 -0.04	37.89 1.82 0.00	31.73 1.30 0.00	22.75 1.18 0.00
NORTHPORT___3 23553	22.06 0.79 0.00	19.39 0.66 0.00	19.84 0.58 0.00	20.65 0.43 0.00	21.61 0.46 0.00	20.19 0.66 0.00	18.86 0.64 0.00	18.33 0.58 0.00	19.07 0.47 0.00	20.14 0.81 0.00	19.17 0.66 0.00	20.42 0.61 0.00	20.59 0.71 0.00	20.52 0.83 0.00	20.68 0.95 0.00	24.07 1.18 -0.19	29.24 1.53 -0.02	33.13 2.03 0.00	28.37 1.83 0.00	27.29 1.82 -0.04	37.99 1.92 0.00	31.74 1.30 0.00	22.67 1.10 0.00
NORTHPORT___4 23650	22.06 0.79 0.00	19.39 0.66 0.00	19.84 0.58 0.00	20.65 0.43 0.00	21.61 0.46 0.00	20.19 0.66 0.00	18.86 0.64 0.00	18.33 0.58 0.00	19.07 0.47 0.00	20.14 0.81 0.00	19.17 0.66 0.00	20.42 0.61 0.00	20.59 0.71 0.00	20.52 0.83 0.00	20.68 0.95 0.00	24.07 1.18 -0.19	29.24 1.53 -0.02	33.13 2.03 0.00	28.37 1.83 0.00	27.29 1.82 -0.04	37.99 1.92 0.00	31.74 1.30 0.00	22.67 1.10 0.00
NORTHPORT___IC 23718	22.08 0.81 0.00	19.42 0.70 0.00	19.87 0.61 0.00	20.67 0.45 0.00	21.67 0.52 0.00	20.25 0.71 0.00	18.86 0.65 0.00	18.33 0.58 0.00	19.08 0.48 0.00	20.19 0.85 0.00	19.19 0.68 0.00	20.42 0.62 0.00	20.59 0.71 0.00	20.53 0.84 0.00	20.70 0.97 0.00	24.10 1.21 -0.20	29.25 1.55 -0.02	33.13 2.03 0.00	28.33 1.79 0.00	27.29 1.82 -0.04	37.89 1.83 0.00	31.74 1.30 0.00	22.75 1.18 0.00
NORTH___COUNTRY_ESR 323785	20.82 -0.45 0.00	18.15 -0.57 0.00	19.06 -0.20 0.00	20.39 0.17 0.00	21.61 0.46 0.00	20.13 0.60 0.00	18.87 0.66 0.00	18.39 0.63 0.00	19.32 0.72 0.00	19.83 0.50 0.00	18.90 0.39 0.00	20.15 0.34 0.00	19.70 -0.18 0.00	12.21 -0.59 6.89	-20.24 -0.62 39.36	14.47 -0.66 7.57	-12.06 -0.94 38.81	-15.96 -1.30 45.76	-24.55 -1.22 49.87	-24.49 -1.19 48.73	-25.29 -1.37 59.99	-24.89 -1.05 54.28	-24.22 -0.89 44.90
NPX_GEN_1385_PROXY 323591	22.00 0.73 0.00	19.43 0.71 0.00	19.88 0.62 0.00	20.60 0.38 0.00	21.67 0.52 0.00	20.24 0.71 0.00	18.80 0.58 0.00	18.33 0.58 0.00	19.08 0.48 0.00	20.18 0.85 0.00	19.06 0.55 0.00	20.19 0.39 0.00	20.35 0.47 0.00	20.26 0.57 0.00	20.42 0.69 0.00	23.81 0.91 -0.20	28.90 1.19 -0.02	32.73 1.63 0.00	27.93 1.39 0.00	26.97 1.50 -0.04	37.46 1.39 0.00	30.90 0.46 0.00	22.55 0.99 0.00
NPX_GEN_CSC 323557	21.96 0.69 0.00	19.31 0.59 0.00	19.82 0.56 0.00	20.59 0.37 0.00	21.75 0.60 0.00	20.54 1.00 0.00	19.09 0.87 0.00	18.39 0.64 0.00	18.96 0.36 0.00	19.95 0.61 0.00	18.94 0.43 0.00	20.10 0.29 0.00	20.21 0.33 0.00	20.25 0.56 0.00	20.44 0.71 0.00	23.88 0.95 -0.23	29.04 1.33 -0.03	33.03 1.94 0.00	28.23 1.70 0.00	27.13 1.65 -0.05	37.70 1.64 0.00	31.55 1.11 0.00	22.52 0.95 0.00
NSINS_S_GLNS_FALLS 23858	22.00 0.73 0.00	19.35 0.63 0.00	19.91 0.65 0.00	20.88 0.66 0.00	21.68 0.53 0.00	20.18 0.65 0.00	18.89 0.67 0.00	18.58 0.82 0.00	19.42 0.82 0.00	20.22 0.88 0.00	19.23 0.72 0.00	20.54 0.74 0.00	20.68 0.80 0.00	20.50 0.81 0.00	20.53 0.80 0.00	23.69 0.99 0.00	29.19 1.51 0.00	33.13 2.03 0.00	28.24 1.70 0.00	26.95 1.52 0.00	37.85 1.78 0.00	31.73 1.30 0.00	22.48 0.92 0.00
NUCOR_STEEL___DRP 24197	21.39 0.11 0.00	18.73 0.01 0.00	19.33 0.08 0.00	20.29 0.07 0.00	21.19 0.04 0.00	19.35 -0.19 0.00	18.01 -0.20 0.00	17.56 -0.19 0.00	18.40 -0.21 0.00	19.26 -0.08 0.00	18.47 -0.05 0.00	19.70 -0.11 0.00	19.76 -0.13 0.00	19.52 -0.17 0.00	19.57 -0.16 0.00	22.53 -0.17 0.00	27.43 -0.26 0.00	30.94 -0.16 0.00	26.52 -0.02 0.00	25.40 -0.03 0.00	35.90 -0.17 0.00	30.20 -0.24 0.00	21.52 -0.04 0.00
NUMBER_THREE_WT_PWR 323818	20.58 -0.69 0.00	18.08 -0.64 0.00	18.92 -0.34 0.00	20.08 -0.14 0.00	21.17 0.02 0.00	19.21 -0.32 0.00	17.74 -0.47 0.00	17.19 -0.57 0.00	18.15 -0.45 0.00	18.77 -0.56 0.00	18.03 -0.48 0.00	19.26 -0.55 0.00	19.24 -0.64 0.00	19.28 -0.70 -0.30	20.86 -0.56 -1.69	22.31 -0.71 -0.33	28.46 -0.89 -1.67	32.11 -0.96 -1.96	27.89 -0.79 -2.14	26.68 -0.83 -2.09	37.68 -0.96 -2.57	31.89 -0.88 -2.33	22.84 -0.65 -1.93
NYISO_LBMP_REFERENCE 24008	21.27 0.00 0.00	18.72 0.00 0.00	19.26 0.00 0.00	20.22 0.00 0.00	21.15 0.00 0.00	19.53 0.00 0.00	18.21 0.00 0.00	17.75 0.00 0.00	18.60 0.00 0.00	19.34 0.00 0.00	18.51 0.00 0.00	19.81 0.00 0.00	19.88 0.00 0.00	19.69 0.00 0.00	19.74 0.00 0.00	22.70 0.00 0.00	27.69 0.00 0.00	31.10 0.00 0.00	26.54 0.00 0.00	25.43 0.00 0.00	36.06 0.00 0.00	30.44 0.00 0.00	21.57 0.00 0.00
NYPA_BRENTWD___GT 24164	22.28 1.01 0.00	19.58 0.86 0.00	20.04 0.78 0.00	20.84 0.62 0.00	21.86 0.71 0.00	20.46 0.92 0.00	19.07 0.86 0.00	18.51 0.76 0.00	19.24 0.64 0.00	20.31 0.97 0.00	19.31 0.80 0.00	20.55 0.74 0.00	20.74 0.86 0.00	20.67 0.99 0.00	20.90 1.17 0.00	24.42 1.45 -0.27	29.59 1.87 -0.03	33.54 2.44 0.00	28.72 2.19 0.00	27.64 2.15 -0.06	38.40 2.33 0.00	32.15 1.71 0.00	22.96 1.39 0.00
NYPA_GOWANUS___GT5 24156	21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00
NYPA_GOWANUS___GT6 24157	21.97 0.70 0.00	19.31 0.59 0.00	19.74 0.48 0.00	20.62 0.40 0.00	21.52 0.36 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.24 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.59 0.91 0.00	20.66 0.92 0.00	23.76 1.05 0.00	28.97 1.28 0.00	32.90 1.81 0.00	28.35 1.81 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.61 0.00	22.74 1.17 0.00

NYPA_HARLEM__RVR__GT1 24160	21.86 0.59 0.00	19.24 0.52 0.00	19.65 0.39 0.00	20.54 0.32 0.00	21.42 0.27 0.00	19.94 0.41 0.00	18.73 0.52 0.00	18.30 0.55 0.00	19.11 0.51 0.00	20.15 0.82 0.00	19.24 0.73 0.00	20.53 0.72 0.00	20.65 0.77 0.00	20.51 0.83 0.00	20.55 0.82 0.00	23.61 0.91 0.00	28.77 1.09 0.00	32.70 1.60 0.00	28.21 1.67 0.00	27.02 1.59 0.00	37.83 1.76 0.00	31.84 1.40 0.00	22.63 1.06 0.00
NYPA_HARLEM__RVR__GT2 24161	21.86 0.59 0.00	19.24 0.52 0.00	19.65 0.39 0.00	20.54 0.32 0.00	21.42 0.27 0.00	19.94 0.41 0.00	18.73 0.52 0.00	18.30 0.55 0.00	19.11 0.51 0.00	20.15 0.82 0.00	19.24 0.73 0.00	20.53 0.72 0.00	20.65 0.77 0.00	20.51 0.83 0.00	20.55 0.82 0.00	23.61 0.91 0.00	28.77 1.09 0.00	32.70 1.60 0.00	28.21 1.67 0.00	27.02 1.59 0.00	37.83 1.76 0.00	31.84 1.40 0.00	22.63 1.06 0.00
NYPA_KENT____GT 24152	21.95 0.68 0.00	19.30 0.57 0.00	19.72 0.46 0.00	20.60 0.38 0.00	21.50 0.34 0.00	20.01 0.48 0.00	18.80 0.59 0.00	18.38 0.63 0.00	19.18 0.58 0.00	20.21 0.87 0.00	19.30 0.79 0.00	20.60 0.79 0.00	20.73 0.85 0.00	20.57 0.88 0.00	20.63 0.89 0.00	23.72 1.02 0.00	28.93 1.25 0.00	32.86 1.77 0.00	28.32 1.78 0.00	27.12 1.69 0.00	38.02 1.95 0.00	32.00 1.56 0.00	22.70 1.14 0.00
NYPA_POUCH1____GT 24155	21.99 0.72 0.00	19.33 0.61 0.00	19.76 0.50 0.00	20.64 0.43 0.00	21.55 0.40 0.00	20.06 0.52 0.00	18.84 0.63 0.00	18.43 0.68 0.00	19.21 0.61 0.00	20.25 0.91 0.00	19.32 0.80 0.00	20.64 0.83 0.00	20.77 0.89 0.00	20.60 0.92 0.00	20.66 0.93 0.00	23.76 1.06 0.00	28.97 1.29 0.00	32.91 1.81 0.00	28.35 1.81 0.00	27.16 1.73 0.00	38.05 1.99 0.00	32.06 1.62 0.00	22.75 1.18 0.00
NYPA_VERNON____GT2 24162	21.92 0.65 0.00	19.28 0.56 0.00	19.71 0.44 0.00	20.58 0.36 0.00	21.47 0.32 0.00	19.99 0.46 0.00	18.79 0.57 0.00	18.36 0.61 0.00	19.17 0.57 0.00	20.18 0.85 0.00	19.28 0.77 0.00	20.56 0.76 0.00	20.70 0.82 0.00	20.55 0.86 0.00	20.60 0.87 0.00	23.68 0.98 0.00	28.90 1.22 0.00	32.82 1.73 0.00	28.28 1.74 0.00	27.08 1.65 0.00	37.96 1.90 0.00	31.95 1.51 0.00	22.67 1.10 0.00
NYPA_VERNON____GT3 24163	21.92 0.65 0.00	19.28 0.56 0.00	19.71 0.44 0.00	20.58 0.36 0.00	21.47 0.32 0.00	19.99 0.46 0.00	18.79 0.57 0.00	18.36 0.61 0.00	19.17 0.57 0.00	20.18 0.85 0.00	19.28 0.77 0.00	20.56 0.76 0.00	20.70 0.82 0.00	20.55 0.86 0.00	20.60 0.87 0.00	23.68 0.98 0.00	28.90 1.22 0.00	32.82 1.73 0.00	28.28 1.74 0.00	27.08 1.65 0.00	37.96 1.90 0.00	31.95 1.51 0.00	22.67 1.10 0.00
NYPA__ASTORIA_CC1 323568	21.87 0.60 0.00	19.24 0.52 0.00	19.67 0.40 0.00	20.55 0.33 0.00	21.43 0.28 0.00	19.95 0.42 0.00	18.75 0.54 0.00	18.32 0.57 0.00	19.13 0.53 0.00	20.14 0.81 0.00	19.24 0.73 0.00	20.52 0.72 0.00	20.65 0.77 0.00	20.51 0.82 0.00	20.55 0.82 0.00	23.63 0.93 0.00	28.84 1.16 0.00	32.76 1.66 0.00	28.23 1.69 0.00	27.03 1.60 0.00	37.87 1.80 0.00	31.88 1.45 0.00	22.62 1.05 0.00
NYPA__ASTORIA_CC2 323569	21.87 0.60 0.00	19.24 0.52 0.00	19.67 0.40 0.00	20.55 0.33 0.00	21.43 0.28 0.00	19.95 0.42 0.00	18.75 0.54 0.00	18.32 0.57 0.00	19.13 0.53 0.00	20.14 0.81 0.00	19.24 0.73 0.00	20.52 0.72 0.00	20.65 0.77 0.00	20.51 0.82 0.00	20.55 0.82 0.00	23.63 0.93 0.00	28.84 1.16 0.00	32.76 1.66 0.00	28.23 1.69 0.00	27.03 1.60 0.00	37.87 1.80 0.00	31.88 1.45 0.00	22.62 1.05 0.00
NYPA__HOLTSVILL 23794	22.11 0.84 0.00	19.43 0.72 0.00	19.90 0.64 0.00	20.70 0.48 0.00	21.74 0.59 0.00	20.39 0.86 0.00	19.00 0.79 0.00	18.42 0.67 0.00	19.10 0.51 0.00	20.15 0.81 0.00	19.16 0.65 0.00	20.36 0.56 0.00	20.51 0.63 0.00	20.51 0.82 0.00	20.69 0.95 0.00	24.14 1.21 -0.23	29.32 1.60 -0.03	33.25 2.15 0.00	28.46 1.92 0.00	27.37 1.89 -0.05	38.04 1.98 0.00	31.86 1.43 0.00	22.75 1.18 0.00
NYPA____HELLGATE_GT1 24158	21.86 0.59 0.00	19.24 0.52 0.00	19.65 0.39 0.00	20.54 0.32 0.00	21.42 0.27 0.00	19.94 0.41 0.00	18.73 0.52 0.00	18.30 0.55 0.00	19.11 0.51 0.00	20.15 0.82 0.00	19.24 0.73 0.00	20.53 0.72 0.00	20.65 0.77 0.00	20.51 0.83 0.00	20.55 0.82 0.00	23.61 0.91 0.00	28.78 1.10 0.00	32.73 1.63 0.00	28.22 1.68 0.00	27.02 1.59 0.00	37.83 1.76 0.00	31.84 1.40 0.00	22.63 1.06 0.00
NYPA____HELLGATE_GT2 24159	21.86 0.59 0.00	19.24 0.52 0.00	19.65 0.39 0.00	20.54 0.32 0.00	21.42 0.27 0.00	19.94 0.41 0.00	18.73 0.52 0.00	18.30 0.55 0.00	19.11 0.51 0.00	20.15 0.82 0.00	19.24 0.73 0.00	20.53 0.72 0.00	20.65 0.77 0.00	20.51 0.83 0.00	20.55 0.82 0.00	23.61 0.91 0.00	28.78 1.10 0.00	32.73 1.63 0.00	28.22 1.68 0.00	27.02 1.59 0.00	37.83 1.76 0.00	31.84 1.40 0.00	22.63 1.06 0.00
NYS_BARGE__HYD 23848	19.90 -1.38 0.00	17.63 -1.10 0.00	18.15 -1.11 0.00	19.05 -1.17 0.00	19.91 -1.24 0.00	18.20 -1.33 0.00	16.70 -1.51 0.00	16.02 -1.73 0.00	16.93 -1.67 0.00	17.45 -1.89 0.00	16.80 -1.71 0.00	17.81 -2.00 0.00	17.87 -2.01 0.00	17.76 -1.93 0.00	17.80 -1.94 0.00	20.57 -2.13 0.00	24.81 -2.88 0.00	28.00 -3.10 0.00	23.68 -2.86 0.00	22.63 -2.80 0.00	32.00 -4.07 0.00	27.40 -3.04 0.00	19.92 -1.65 0.00
OAK ORCHARD__HYD 24046	20.52 -0.75 0.00	18.12 -0.61 0.00	18.65 -0.61 0.00	19.57 -0.65 0.00	20.44 -0.71 0.00	18.74 -0.79 0.00	17.33 -0.88 0.00	16.76 -0.99 0.00	17.66 -0.95 0.00	18.32 -1.01 0.00	17.60 -0.91 0.00	18.71 -1.10 0.00	18.79 -1.09 0.00	18.66 -1.03 0.00	18.72 -1.01 0.00	21.61 -1.09 0.00	26.19 -1.49 0.00	29.55 -1.55 0.00	25.12 -1.42 0.00	24.00 -1.42 0.00	33.95 -2.11 0.00	28.83 -1.61 0.00	20.72 -0.85 0.00
OAKDALE__35_KV_LOAD 356122	21.20 -0.07 0.00	18.62 -0.10 0.00	19.16 -0.10 0.00	20.08 -0.13 0.00	20.97 -0.18 0.00	19.28 -0.25 0.00	18.01 -0.21 0.00	17.53 -0.23 0.00	18.36 -0.24 0.00	19.16 -0.17 0.00	18.36 -0.16 0.00	19.55 -0.25 0.00	19.68 -0.21 0.00	19.47 -0.22 0.00	19.56 -0.18 0.00	22.52 -0.18 0.00	27.39 -0.30 0.00	30.92 -0.18 0.00	26.43 -0.11 0.00	25.37 -0.06 0.00	35.76 -0.31 0.00	30.19 -0.24 0.00	21.56 -0.01 0.00
OCC_CHEM__DRP 24175	19.57 -1.70 0.00	17.39 -1.33 0.00	17.91 -1.35 0.00	18.78 -1.44 0.00	19.62 -1.53 0.00	17.94 -1.59 0.00	16.44 -1.77 0.00	15.76 -1.99 0.00	16.66 -1.94 0.00	17.16 -2.18 0.00	16.50 -2.02 0.00	17.41 -2.40 0.00	17.45 -2.43 0.00	17.35 -2.34 0.00	17.39 -2.35 0.00	20.08 -2.62 0.00	24.20 -3.48 0.00	27.30 -3.80 0.00	23.07 -3.47 0.00	22.04 -3.39 0.00	31.20 -4.87 0.00	26.73 -3.71 0.00	19.52 -2.05 0.00



OXBOW____ 24026	19.82 -1.45 0.00	17.59 -1.13 0.00	18.12 -1.14 0.00	18.99 -1.23 0.00	19.84 -1.32 0.00	18.15 -1.39 0.00	16.65 -1.56 0.00	15.97 -1.78 0.00	16.88 -1.72 0.00	17.39 -1.95 0.00	16.73 -1.78 0.00	17.68 -2.12 0.00	17.73 -2.15 0.00	17.62 -2.06 0.00	17.66 -2.07 0.00	20.40 -2.30 0.00	24.60 -3.08 0.00	27.76 -3.34 0.00	23.47 -3.07 0.00	22.43 -3.00 0.00	31.73 -4.34 0.00	27.16 -3.28 0.00	19.80 -1.77 0.00
OXY_CHEM_DSASP 323612	19.57 -1.70 0.00	17.39 -1.33 0.00	17.91 -1.35 0.00	18.78 -1.44 0.00	19.62 -1.53 0.00	17.94 -1.59 0.00	16.44 -1.77 0.00	15.76 -1.99 0.00	16.66 -1.94 0.00	17.16 -2.18 0.00	16.50 -2.02 0.00	17.41 -2.40 0.00	17.45 -2.43 0.00	17.35 -2.34 0.00	17.39 -2.35 0.00	20.08 -2.62 0.00	24.20 -3.48 0.00	27.30 -3.80 0.00	23.07 -3.47 0.00	22.04 -3.39 0.00	31.20 -4.87 0.00	26.73 -3.71 0.00	19.52 -2.05 0.00
OZONE_PARK_ESR 323760	22.10 0.82 0.00	19.42 0.70 0.00	19.86 0.60 0.00	20.75 0.53 0.00	21.64 0.48 0.00	20.14 0.60 0.00	18.92 0.71 0.00	18.50 0.75 0.00	19.31 0.71 0.00	20.32 0.98 0.00	19.42 0.91 0.00	20.73 0.93 0.00	20.87 0.99 0.00	20.73 1.04 0.00	20.78 1.05 0.00	23.90 1.20 0.00	29.17 1.48 0.00	33.12 2.02 0.00	28.53 1.99 0.00	27.31 1.89 0.00	38.32 2.26 0.00	32.25 1.81 0.00	22.87 1.30 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.57 -1.70 0.00	17.39 -1.33 0.00	17.91 -1.35 0.00	18.78 -1.44 0.00	19.62 -1.53 0.00	17.94 -1.59 0.00	16.44 -1.77 0.00	15.76 -1.99 0.00	16.66 -1.94 0.00	17.16 -2.18 0.00	16.50 -2.02 0.00	17.41 -2.40 0.00	17.45 -2.43 0.00	17.35 -2.34 0.00	17.39 -2.35 0.00	20.08 -2.62 0.00	24.20 -3.48 0.00	27.30 -3.80 0.00	23.07 -3.47 0.00	22.04 -3.39 0.00	31.20 -4.87 0.00	26.73 -3.71 0.00	19.52 -2.05 0.00
PACKARD__115KV_DUPONT_184 80571	19.57 -1.70 0.00	17.39 -1.33 0.00	17.91 -1.35 0.00	18.78 -1.44 0.00	19.62 -1.53 0.00	17.94 -1.59 0.00	16.44 -1.77 0.00	15.76 -1.99 0.00	16.66 -1.94 0.00	17.16 -2.18 0.00	16.50 -2.02 0.00	17.41 -2.40 0.00	17.45 -2.43 0.00	17.35 -2.34 0.00	17.39 -2.35 0.00	20.08 -2.62 0.00	24.20 -3.48 0.00	27.30 -3.80 0.00	23.07 -3.47 0.00	22.04 -3.39 0.00	31.20 -4.87 0.00	26.73 -3.71 0.00	19.52 -2.05 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.87 0.60 0.00	19.24 0.52 0.00	19.65 0.39 0.00	20.54 0.32 0.00	21.43 0.28 0.00	19.95 0.41 0.00	18.74 0.53 0.00	18.32 0.57 0.00	19.12 0.52 0.00	20.14 0.81 0.00	19.23 0.71 0.00	20.49 0.69 0.00	20.62 0.74 0.00	20.47 0.79 0.00	20.52 0.79 0.00	23.59 0.89 0.00	28.78 1.10 0.00	32.73 1.63 0.00	28.21 1.67 0.00	26.99 1.57 0.00	37.80 1.74 0.00	31.82 1.39 0.00	22.60 1.03 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.95 0.68 0.00	19.31 0.59 0.00	19.72 0.46 0.00	20.64 0.42 0.00	21.55 0.40 0.00	20.07 0.53 0.00	18.85 0.64 0.00	18.40 0.65 0.00	19.20 0.60 0.00	20.22 0.88 0.00	19.31 0.80 0.00	20.57 0.76 0.00	20.69 0.81 0.00	20.54 0.86 0.00	20.59 0.85 0.00	23.68 0.98 0.00	28.87 1.19 0.00	32.86 1.77 0.00	28.33 1.79 0.00	27.12 1.69 0.00	37.96 1.90 0.00	31.95 1.52 0.00	22.68 1.11 0.00
PATROON__115KV_TB1 80586	21.83 0.56 0.00	19.19 0.47 0.00	19.72 0.46 0.00	20.68 0.46 0.00	21.53 0.38 0.00	19.97 0.44 0.00	18.64 0.42 0.00	18.23 0.47 0.00	19.05 0.45 0.00	19.94 0.60 0.00	19.08 0.56 0.00	20.34 0.54 0.00	20.49 0.61 0.00	20.30 0.62 0.00	20.32 0.59 0.00	23.38 0.68 0.00	28.66 0.98 0.00	32.42 1.32 0.00	27.72 1.18 0.00	26.50 1.07 0.00	37.34 1.28 0.00	31.38 0.94 0.00	22.29 0.72 0.00
PATTRSNVILLE__SOLAR 323815	21.82 0.55 0.00	19.20 0.48 0.00	19.73 0.47 0.00	20.70 0.48 0.00	21.62 0.47 0.00	20.02 0.49 0.00	18.68 0.46 0.00	18.23 0.48 0.00	19.08 0.48 0.00	19.89 0.55 0.00	19.02 0.50 0.00	20.31 0.51 0.00	20.40 0.53 0.00	20.23 0.54 0.00	20.27 0.54 0.00	23.31 0.61 0.00	28.54 0.85 0.00	32.25 1.15 0.00	27.59 1.05 0.00	26.37 0.95 0.00	37.23 1.16 0.00	31.35 0.91 0.00	22.24 0.67 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.75 -0.52 0.00	18.35 -0.38 0.00	18.92 -0.35 0.00	19.81 -0.41 0.00	20.69 -0.46 0.00	18.95 -0.58 0.00	17.46 -0.75 0.00	16.80 -0.95 0.00	17.68 -0.92 0.00	18.27 -1.07 0.00	17.59 -0.93 0.00	18.70 -1.10 0.00	18.78 -1.10 0.00	18.65 -1.04 0.00	18.70 -1.03 0.00	21.58 -1.12 0.00	26.02 -1.67 0.00	29.33 -1.77 0.00	24.84 -1.70 0.00	23.78 -1.65 0.00	33.61 -2.45 0.00	28.73 -1.71 0.00	20.84 -0.73 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.08 0.81 0.00	19.40 0.68 0.00	19.87 0.61 0.00	20.79 0.57 0.00	21.68 0.52 0.00	20.15 0.62 0.00	18.90 0.68 0.00	18.48 0.73 0.00	19.30 0.70 0.00	20.25 0.92 0.00	19.37 0.86 0.00	20.66 0.85 0.00	20.79 0.92 0.00	20.63 0.95 0.00	20.68 0.94 0.00	23.81 1.11 0.00	29.15 1.46 0.00	33.09 2.00 0.00	28.44 1.89 0.00	27.21 1.78 0.00	38.17 2.11 0.00	32.08 1.64 0.00	22.76 1.19 0.00
PEEKSKILL____ 23653	21.87 0.60 0.00	19.22 0.50 0.00	19.69 0.43 0.00	20.57 0.35 0.00	21.47 0.32 0.00	19.97 0.43 0.00	18.73 0.52 0.00	18.30 0.54 0.00	19.10 0.50 0.00	20.08 0.74 0.00	19.19 0.67 0.00	20.47 0.66 0.00	20.61 0.73 0.00	20.45 0.76 0.00	20.50 0.77 0.00	23.59 0.89 0.00	28.82 1.14 0.00	32.72 1.62 0.00	28.13 1.59 0.00	26.93 1.50 0.00	37.80 1.73 0.00	31.81 1.37 0.00	22.58 1.01 0.00
PGE MADISON__WINDPWR 24146	22.91 1.64 0.00	20.15 1.43 0.00	20.71 1.45 0.00	21.67 1.45 0.00	22.50 1.35 0.00	20.34 0.81 0.00	19.10 0.89 0.00	18.59 0.84 0.00	19.61 1.01 0.00	20.57 1.24 0.00	19.59 1.07 0.00	20.75 0.94 0.00	20.70 0.82 0.00	20.47 0.78 0.00	20.54 0.81 0.00	23.64 0.94 0.00	28.86 1.17 0.00	32.71 1.62 0.00	28.09 1.55 0.00	26.86 1.43 0.00	37.77 1.70 0.00	31.85 1.41 0.00	22.70 1.14 0.00
PIERCEFIELD__HYD 23852	20.66 -0.61 0.00	18.18 -0.54 0.00	18.84 -0.42 0.00	19.92 -0.30 0.00	21.04 -0.11 0.00	19.57 0.03 0.00	18.24 0.03 0.00	17.72 -0.03 0.00	18.67 0.06 0.00	19.15 -0.18 0.00	18.33 -0.19 0.00	19.68 -0.12 0.00	19.60 -0.28 0.00	20.30 -0.38 -1.00	25.06 -0.36 -5.69	23.42 -0.38 -1.09	32.63 -0.67 -5.61	36.72 -0.99 -6.62	32.80 -0.95 -7.21	31.54 -0.93 -7.05	43.78 -0.96 -8.67	37.69 -0.59 -7.85	27.50 -0.56 -6.49
PINELAWN_CC_1 323563	22.20 0.93 0.00	19.50 0.78 0.00	19.95 0.69 0.00	20.77 0.55 0.00	21.75 0.60 0.00	20.33 0.79 0.00	18.98 0.76 0.00	18.44 0.69 0.00	19.18 0.58 0.00	20.22 0.88 0.00	19.23 0.72 0.00	20.49 0.69 0.00	20.71 0.83 0.00	20.61 0.92 0.00	20.83 1.09 0.00	24.55 1.37 -0.48	29.48 1.75 -0.06	33.41 2.31 0.00	28.63 2.09 0.00	27.58 2.05 -0.11	38.32 2.25 0.00	32.08 1.64 0.00	22.89 1.32 0.00

PJM_GEN_HTP_PROXY 323702	21.88 0.61 0.00	19.25 0.53 0.00	19.69 0.43 0.00	20.57 0.35 0.00	21.45 0.30 0.00	19.96 0.43 0.00	18.76 0.54 0.00	18.33 0.58 0.00	19.13 0.53 0.00	20.14 0.80 0.00	19.26 0.74 0.00	20.53 0.72 0.00	20.66 0.78 0.00	20.52 0.83 0.00	20.57 0.84 0.00	23.65 0.95 0.00	28.87 1.19 0.00	32.78 1.68 0.00	28.33 1.70 -0.09	26.60 1.61 0.44	37.92 1.86 0.00	31.94 1.50 0.00	22.65 1.08 0.00
PJM_GEN_KEystone 24065	21.11 -0.16 0.00	18.57 -0.16 0.00	19.09 -0.17 0.00	19.96 -0.26 0.00	20.85 -0.30 0.00	19.27 -0.26 0.00	17.99 -0.23 0.00	17.47 -0.29 0.00	18.28 -0.32 0.00	19.13 -0.20 0.00	18.34 -0.17 0.00	19.53 -0.28 0.00	20.65 -0.21 -0.99	19.38 -0.21 0.09	19.54 -0.19 0.00	22.50 -0.20 0.00	27.32 -0.37 0.00	30.96 -0.14 0.00	26.58 -0.05 -0.09	24.94 -0.05 0.44	35.74 -0.33 0.00	30.31 -0.13 0.00	21.67 0.10 0.00
PJM_GEN_NEPTUNE_PROXY 323594	21.99 0.72 0.00	19.33 0.61 0.00	19.78 0.52 0.00	20.61 0.39 0.00	21.55 0.40 0.00	20.12 0.59 0.00	18.81 0.60 0.00	18.32 0.56 0.00	19.07 0.47 0.00	20.12 0.78 0.00	19.17 0.66 0.00	20.44 0.63 0.00	20.60 0.72 0.00	20.52 0.83 0.00	20.65 0.92 0.00	23.82 1.12 0.00	29.12 1.43 0.00	33.04 1.94 0.00	28.44 1.80 -0.09	26.75 1.76 0.44	37.97 1.90 0.00	31.84 1.41 0.00	22.68 1.12 0.00
PJM_GEN_VFT_PROXY 323633	21.76 0.49 0.00	19.14 0.42 0.00	19.58 0.32 0.00	20.45 0.23 0.00	21.32 0.17 0.00	19.85 0.32 0.00	18.66 0.45 0.00	18.25 0.49 0.00	19.03 0.43 0.00	20.04 0.70 0.00	19.15 0.64 0.00	20.42 0.62 0.00	20.56 0.68 0.00	20.41 0.72 0.00	20.45 0.72 0.00	23.52 0.82 0.00	28.71 1.02 0.00	32.61 1.51 0.00	28.19 1.55 -0.09	26.45 1.46 0.44	37.72 1.66 0.00	31.78 1.34 0.00	22.53 0.96 0.00
PLATSBURG_115KV_PMLD1 355749	21.06 -0.21 0.00	18.36 -0.36 0.00	19.25 -0.01 0.00	20.59 0.37 0.00	21.79 0.64 0.00	20.30 0.76 0.00	19.05 0.84 0.00	18.59 0.83 0.00	19.52 0.92 0.00	20.05 0.72 0.00	19.08 0.57 0.00	20.33 0.52 0.00	19.90 0.01 0.00	12.80 -0.44 6.46	-17.65 -0.51 36.88	15.11 -0.50 7.09	-9.41 -0.73 36.37	-12.81 -1.03 42.88	-21.18 -0.99 46.73	-21.17 -0.94 45.66	-21.21 -1.06 56.21	-21.23 -0.80 50.86	-21.18 -0.68 42.07
PLEASANTVLY__LBMP 24000	21.76 0.48 0.00	19.13 0.40 0.00	19.61 0.35 0.00	20.52 0.30 0.00	21.38 0.23 0.00	19.87 0.34 0.00	18.63 0.41 0.00	18.21 0.46 0.00	19.02 0.42 0.00	19.95 0.61 0.00	19.06 0.55 0.00	20.33 0.52 0.00	20.46 0.58 0.00	20.30 0.62 0.00	20.34 0.61 0.00	23.40 0.70 0.00	28.63 0.95 0.00	32.50 1.40 0.00	27.91 1.36 0.00	26.70 1.27 0.00	37.49 1.42 0.00	31.51 1.08 0.00	22.37 0.81 0.00
PLSNTVLE_13_KV_13.8KV DIST 80602	21.90 0.62 0.00	19.26 0.54 0.00	19.72 0.46 0.00	20.61 0.40 0.00	21.50 0.35 0.00	19.99 0.46 0.00	18.76 0.55 0.00	18.33 0.57 0.00	19.14 0.54 0.00	20.11 0.77 0.00	19.21 0.70 0.00	20.48 0.68 0.00	20.63 0.75 0.00	20.47 0.78 0.00	20.52 0.79 0.00	23.61 0.91 0.00	28.87 1.19 0.00	32.78 1.68 0.00	28.17 1.63 0.00	26.97 1.54 0.00	37.83 1.77 0.00	31.83 1.39 0.00	22.58 1.01 0.00
PLSNTVLE_13_KV_13KV DISA_REV_LBMP_I 345020	21.90 0.62 0.00	19.26 0.54 0.00	19.72 0.46 0.00	20.61 0.40 0.00	21.50 0.35 0.00	19.99 0.46 0.00	18.76 0.55 0.00	18.33 0.57 0.00	19.14 0.54 0.00	20.11 0.77 0.00	19.21 0.70 0.00	20.48 0.68 0.00	20.63 0.75 0.00	20.47 0.78 0.00	20.52 0.79 0.00	23.61 0.91 0.00	28.87 1.19 0.00	32.78 1.68 0.00	28.17 1.63 0.00	26.97 1.54 0.00	37.83 1.77 0.00	31.83 1.39 0.00	22.58 1.01 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.97 0.70 0.00	19.31 0.59 0.00	19.79 0.53 0.00	20.71 0.49 0.00	21.59 0.44 0.00	20.07 0.53 0.00	18.80 0.59 0.00	18.38 0.63 0.00	19.20 0.60 0.00	20.12 0.78 0.00	19.25 0.73 0.00	20.53 0.72 0.00	20.66 0.78 0.00	20.51 0.83 0.00	20.54 0.81 0.00	23.65 0.95 0.00	28.96 1.28 0.00	32.88 1.78 0.00	28.24 1.70 0.00	27.01 1.58 0.00	37.92 1.85 0.00	31.86 1.43 0.00	22.60 1.03 0.00
POLETTI____ 23519	21.85 0.58 0.00	19.23 0.51 0.00	19.68 0.41 0.00	20.55 0.33 0.00	21.43 0.27 0.00	19.94 0.41 0.00	18.75 0.54 0.00	18.33 0.58 0.00	19.12 0.52 0.00	20.13 0.79 0.00	19.25 0.74 0.00	20.51 0.71 0.00	20.65 0.77 0.00	20.50 0.82 0.00	20.55 0.82 0.00	23.62 0.92 0.00	28.83 1.15 0.00	32.73 1.63 0.00	28.20 1.66 0.00	26.99 1.57 0.00	37.85 1.79 0.00	31.87 1.43 0.00	22.61 1.04 0.00
POMONA____ESR 323819	21.91 0.64 0.00	19.25 0.53 0.00	19.72 0.45 0.00	20.60 0.38 0.00	21.50 0.35 0.00	19.99 0.46 0.00	18.76 0.55 0.00	18.32 0.57 0.00	19.12 0.52 0.00	20.11 0.78 0.00	19.22 0.70 0.00	20.50 0.69 0.00	20.65 0.77 0.00	20.47 0.79 0.00	20.53 0.79 0.00	23.62 0.92 0.00	28.86 1.17 0.00	32.76 1.66 0.00	28.17 1.63 0.00	26.96 1.54 0.00	37.86 1.80 0.00	31.89 1.45 0.00	22.63 1.06 0.00
PORT_JEFF_3 23555	22.15 0.88 0.00	19.47 0.75 0.00	19.93 0.67 0.00	20.73 0.51 0.00	21.78 0.63 0.00	20.43 0.89 0.00	19.04 0.82 0.00	18.45 0.70 0.00	19.14 0.54 0.00	20.18 0.84 0.00	19.18 0.67 0.00	20.38 0.58 0.00	20.54 0.66 0.00	20.54 0.85 0.00	20.72 0.99 0.00	24.19 1.26 -0.23	29.38 1.67 -0.03	33.34 2.24 0.00	28.54 2.00 0.00	27.43 1.96 -0.05	38.13 2.07 0.00	31.93 1.49 0.00	22.80 1.23 0.00
PORT_JEFF_4 23616	22.15 0.88 0.00	19.47 0.75 0.00	19.93 0.67 0.00	20.73 0.51 0.00	21.78 0.63 0.00	20.43 0.89 0.00	19.04 0.82 0.00	18.45 0.70 0.00	19.14 0.54 0.00	20.18 0.84 0.00	19.18 0.67 0.00	20.38 0.58 0.00	20.54 0.66 0.00	20.54 0.85 0.00	20.72 0.99 0.00	24.19 1.26 -0.23	29.38 1.67 -0.03	33.34 2.24 0.00	28.54 2.00 0.00	27.43 1.96 -0.05	38.13 2.07 0.00	31.93 1.49 0.00	22.80 1.23 0.00
PORT_JEFF_IC 23713	22.15 0.88 0.00	19.47 0.75 0.00	19.93 0.67 0.00	20.73 0.51 0.00	21.79 0.63 0.00	20.44 0.91 0.00	19.05 0.84 0.00	18.46 0.71 0.00	19.14 0.54 0.00	20.18 0.84 0.00	19.18 0.67 0.00	20.38 0.58 0.00	20.53 0.65 0.00	20.54 0.86 0.00	20.73 0.99 0.00	24.21 1.28 -0.24	29.41 1.70 -0.03	33.37 2.27 0.00	28.57 2.03 0.00	27.46 1.98 -0.05	38.17 2.10 0.00	31.95 1.51 0.00	22.80 1.23 0.00
PPL PILGRIM_ST_GT1 24216	22.28 1.01 0.00	19.58 0.86 0.00	20.04 0.78 0.00	20.84 0.62 0.00	21.86 0.71 0.00	20.46 0.92 0.00	19.07 0.86 0.00	18.51 0.76 0.00	19.24 0.64 0.00	20.31 0.97 0.00	19.31 0.80 0.00	20.55 0.74 0.00	20.74 0.86 0.00	20.67 0.99 0.00	20.90 1.17 0.00	24.42 1.45 -0.27	29.59 1.87 -0.03	33.54 2.44 0.00	28.72 2.19 0.00	27.64 2.15 -0.06	38.40 2.33 0.00	32.15 1.71 0.00	22.96 1.39 0.00

PPL PILGRIM_ST_GT2 24217	22.28 1.01 0.00	19.58 0.86 0.00	20.04 0.78 0.00	20.84 0.62 0.00	21.86 0.71 0.00	20.46 0.92 0.00	19.07 0.86 0.00	18.51 0.76 0.00	19.24 0.64 0.00	20.31 0.97 0.00	19.31 0.80 0.00	20.55 0.74 0.00	20.74 0.86 0.00	20.67 0.99 0.00	20.90 1.17 0.00	24.42 1.45 -0.27	29.59 1.87 -0.03	33.54 2.44 0.00	28.72 2.19 0.00	27.64 2.15 -0.06	38.40 2.33 0.00	32.15 1.71 0.00	22.96 1.39 0.00
PPL_SHRM_GT3 24213	21.98 0.71 0.00	19.33 0.61 0.00	19.83 0.57 0.00	20.61 0.39 0.00	21.77 0.61 0.00	20.54 1.01 0.00	19.10 0.88 0.00	18.41 0.66 0.00	18.98 0.38 0.00	19.97 0.63 0.00	18.96 0.44 0.00	20.11 0.30 0.00	20.22 0.34 0.00	20.27 0.58 0.00	20.46 0.73 0.00	23.90 0.97 -0.23	29.07 1.36 -0.03	33.07 1.97 0.00	28.27 1.73 0.00	27.16 1.69 -0.05	37.75 1.68 0.00	31.59 1.15 0.00	22.54 0.97 0.00
PPL_SHRM_GT4 24214	21.98 0.71 0.00	19.33 0.61 0.00	19.83 0.57 0.00	20.61 0.39 0.00	21.77 0.61 0.00	20.54 1.01 0.00	19.10 0.88 0.00	18.41 0.66 0.00	18.98 0.38 0.00	19.97 0.63 0.00	18.96 0.44 0.00	20.11 0.30 0.00	20.22 0.34 0.00	20.27 0.58 0.00	20.46 0.73 0.00	23.90 0.97 -0.23	29.07 1.36 -0.03	33.07 1.97 0.00	28.27 1.73 0.00	27.16 1.69 -0.05	37.75 1.68 0.00	31.59 1.15 0.00	22.54 0.97 0.00
PROJECT___ORANGE 1 24174	21.11 -0.17 0.00	18.57 -0.15 0.00	19.11 -0.15 0.00	20.03 -0.19 0.00	20.89 -0.26 0.00	19.16 -0.38 0.00	17.83 -0.39 0.00	17.36 -0.40 0.00	18.20 -0.40 0.00	19.00 -0.34 0.00	18.23 -0.28 0.00	19.43 -0.38 0.00	19.51 -0.37 0.00	19.35 -0.33 0.00	19.41 -0.32 0.00	22.32 -0.38 0.00	27.15 -0.53 0.00	30.57 -0.53 0.00	26.11 -0.44 0.00	24.99 -0.44 0.00	35.34 -0.73 0.00	29.89 -0.55 0.00	21.32 -0.25 0.00
PROJECT___ORANGE 2 24166	21.11 -0.17 0.00	18.57 -0.15 0.00	19.11 -0.15 0.00	20.03 -0.19 0.00	20.89 -0.26 0.00	19.16 -0.38 0.00	17.83 -0.39 0.00	17.36 -0.40 0.00	18.20 -0.40 0.00	19.00 -0.34 0.00	18.23 -0.28 0.00	19.43 -0.38 0.00	19.51 -0.37 0.00	19.35 -0.33 0.00	19.41 -0.32 0.00	22.32 -0.38 0.00	27.15 -0.53 0.00	30.57 -0.53 0.00	26.11 -0.44 0.00	24.99 -0.44 0.00	35.34 -0.73 0.00	29.89 -0.55 0.00	21.32 -0.25 0.00
PUCKETT___SOLAR 323809	21.58 0.31 0.00	18.97 0.25 0.00	19.52 0.25 0.00	20.43 0.21 0.00	21.28 0.13 0.00	19.44 -0.10 0.00	18.19 -0.02 0.00	17.73 -0.02 0.00	18.61 0.01 0.00	19.45 0.12 0.00	18.56 0.04 0.00	19.72 -0.08 0.00	19.86 -0.02 0.00	19.60 -0.09 0.00	19.74 0.00 0.00	22.73 0.03 0.00	27.63 -0.06 0.00	31.24 0.14 0.00	26.73 0.19 0.00	25.65 0.22 0.00	36.12 0.05 0.00	30.48 0.04 0.00	21.78 0.21 0.00
PYRITES___HYD 24023	21.19 -0.08 0.00	18.66 -0.06 0.00	19.30 0.05 0.00	20.39 0.17 0.00	21.54 0.39 0.00	20.04 0.51 0.00	18.69 0.47 0.00	18.16 0.41 0.00	19.12 0.52 0.00	19.60 0.26 0.00	18.75 0.24 0.00	20.16 0.35 0.00	20.09 0.20 0.00	20.67 0.10 -0.89	24.95 0.14 -5.08	23.89 0.22 -0.98	32.78 0.09 -5.01	36.88 -0.12 -5.90	32.77 -0.20 -6.43	31.49 -0.22 -6.29	43.85 0.05 -7.74	37.68 0.24 -7.00	27.37 0.01 -5.79
QUAKERRD_115KV_BK1 80622	20.19 -1.08 0.00	17.82 -0.90 0.00	18.34 -0.92 0.00	19.23 -0.98 0.00	20.10 -1.06 0.00	18.42 -1.11 0.00	17.06 -1.15 0.00	16.54 -1.21 0.00	17.40 -1.20 0.00	18.09 -1.25 0.00	17.37 -1.14 0.00	18.47 -1.33 0.00	18.55 -1.33 0.00	18.41 -1.27 0.00	18.47 -1.26 0.00	21.30 -1.40 0.00	25.86 -1.83 0.00	29.15 -1.94 0.00	24.82 -1.72 0.00	23.72 -1.70 0.00	33.54 -2.53 0.00	28.42 -2.02 0.00	20.37 -1.19 0.00
QUENSBRY_115KV_TB8 356137	22.03 0.76 0.00	19.37 0.65 0.00	19.93 0.67 0.00	20.90 0.68 0.00	21.69 0.54 0.00	20.21 0.68 0.00	18.92 0.70 0.00	18.62 0.87 0.00	19.48 0.88 0.00	20.26 0.93 0.00	19.26 0.74 0.00	20.57 0.76 0.00	20.71 0.83 0.00	20.53 0.84 0.00	20.56 0.83 0.00	23.73 1.03 0.00	29.26 1.58 0.00	33.22 2.13 0.00	28.30 1.76 0.00	27.00 1.58 0.00	37.90 1.84 0.00	31.76 1.32 0.00	22.50 0.93 0.00
RAMAPO___LBMP 323565	21.83 0.56 0.00	19.18 0.46 0.00	19.66 0.39 0.00	20.54 0.32 0.00	21.44 0.28 0.00	19.93 0.40 0.00	18.70 0.49 0.00	18.27 0.51 0.00	19.06 0.46 0.00	20.05 0.71 0.00	19.15 0.64 0.00	20.42 0.62 0.00	20.58 0.70 0.00	20.40 0.71 0.00	20.45 0.72 0.00	23.53 0.83 0.00	28.75 1.06 0.00	32.63 1.53 0.00	28.06 1.52 0.00	26.86 1.43 0.00	37.71 1.65 0.00	31.76 1.33 0.00	22.55 0.98 0.00
RANKINE____ 23646	20.32 -0.95 0.00	18.00 -0.72 0.00	18.54 -0.72 0.00	19.41 -0.80 0.00	20.27 -0.88 0.00	18.56 -0.98 0.00	17.06 -1.15 0.00	16.40 -1.35 0.00	17.29 -1.31 0.00	17.83 -1.51 0.00	17.17 -1.34 0.00	18.22 -1.58 0.00	18.29 -1.59 0.00	18.17 -1.51 0.00	18.21 -1.53 0.00	21.02 -1.69 0.00	25.33 -2.35 0.00	28.57 -2.53 0.00	24.17 -2.37 0.00	23.14 -2.29 0.00	32.70 -3.37 0.00	27.95 -2.49 0.00	20.29 -1.27 0.00
RAVENSWOOD_GT2_1 24244	21.90 0.63 0.00	19.26 0.54 0.00	19.70 0.44 0.00	20.59 0.37 0.00	21.47 0.32 0.00	19.98 0.45 0.00	18.77 0.56 0.00	18.34 0.59 0.00	19.15 0.54 0.00	20.15 0.82 0.00	19.26 0.75 0.00	20.54 0.73 0.00	20.68 0.80 0.00	20.53 0.84 0.00	20.58 0.85 0.00	23.66 0.96 0.00	28.89 1.20 0.00	32.80 1.70 0.00	28.24 1.70 0.00	27.04 1.62 0.00	37.93 1.86 0.00	31.93 1.49 0.00	22.65 1.08 0.00
RAVENSWOOD_GT2_2 24245	21.90 0.63 0.00	19.26 0.54 0.00	19.70 0.44 0.00	20.59 0.37 0.00	21.47 0.32 0.00	19.98 0.45 0.00	18.77 0.56 0.00	18.34 0.59 0.00	19.15 0.54 0.00	20.15 0.82 0.00	19.26 0.75 0.00	20.54 0.73 0.00	20.68 0.80 0.00	20.53 0.84 0.00	20.58 0.85 0.00	23.66 0.96 0.00	28.89 1.20 0.00	32.80 1.70 0.00	28.24 1.70 0.00	27.04 1.62 0.00	37.93 1.86 0.00	31.93 1.49 0.00	22.65 1.08 0.00
RAVENSWOOD_GT2_3 24246	21.91 0.64 0.00	19.27 0.54 0.00	19.71 0.45 0.00	20.59 0.37 0.00	21.48 0.33 0.00	19.99 0.46 0.00	18.78 0.57 0.00	18.35 0.60 0.00	19.15 0.55 0.00	20.16 0.82 0.00	19.27 0.76 0.00	20.54 0.74 0.00	20.68 0.80 0.00	20.54 0.85 0.00	20.58 0.85 0.00	23.67 0.97 0.00	28.90 1.22 0.00	32.81 1.71 0.00	28.25 1.71 0.00	27.04 1.62 0.00	37.93 1.87 0.00	31.93 1.50 0.00	22.65 1.08 0.00
RAVENSWOOD_GT2_4 24247	21.91 0.64 0.00	19.27 0.54 0.00	19.71 0.45 0.00	20.59 0.37 0.00	21.48 0.33 0.00	19.99 0.46 0.00	18.78 0.57 0.00	18.35 0.60 0.00	19.15 0.55 0.00	20.16 0.82 0.00	19.27 0.76 0.00	20.54 0.74 0.00	20.68 0.80 0.00	20.54 0.85 0.00	20.58 0.85 0.00	23.67 0.97 0.00	28.90 1.22 0.00	32.81 1.71 0.00	28.25 1.71 0.00	27.04 1.62 0.00	37.93 1.87 0.00	31.93 1.50 0.00	22.65 1.08 0.00



RAVENSWOOD_GT3_1 24248	21.90 0.63 0.00	19.26 0.54 0.00	19.70 0.44 0.00	20.59 0.37 0.00	21.47 0.32 0.00	19.98 0.45 0.00	18.77 0.56 0.00	18.34 0.59 0.00	19.15 0.54 0.00	20.15 0.82 0.00	19.26 0.75 0.00	20.54 0.73 0.00	20.68 0.80 0.00	20.53 0.84 0.00	20.58 0.85 0.00	23.66 0.96 0.00	28.89 1.20 0.00	32.80 1.70 0.00	28.24 1.70 0.00	27.04 1.62 0.00	37.93 1.86 0.00	31.93 1.49 0.00	22.65 1.08 0.00
RAVENSWOOD_GT3_2 24249	21.90 0.63 0.00	19.26 0.54 0.00	19.70 0.44 0.00	20.59 0.37 0.00	21.47 0.32 0.00	19.98 0.45 0.00	18.77 0.56 0.00	18.34 0.59 0.00	19.15 0.54 0.00	20.15 0.82 0.00	19.26 0.75 0.00	20.54 0.73 0.00	20.68 0.80 0.00	20.53 0.84 0.00	20.58 0.85 0.00	23.66 0.96 0.00	28.89 1.20 0.00	32.80 1.70 0.00	28.24 1.70 0.00	27.04 1.62 0.00	37.93 1.86 0.00	31.93 1.49 0.00	22.65 1.08 0.00
RAVENSWOOD_GT3_3 24250	21.93 0.66 0.00	19.29 0.56 0.00	19.73 0.47 0.00	20.61 0.39 0.00	21.50 0.35 0.00	20.01 0.48 0.00	18.79 0.58 0.00	18.37 0.61 0.00	19.17 0.57 0.00	20.18 0.84 0.00	19.29 0.78 0.00	20.56 0.76 0.00	20.70 0.82 0.00	20.56 0.87 0.00	20.60 0.87 0.00	23.69 0.99 0.00	28.93 1.24 0.00	32.84 1.75 0.00	28.28 1.74 0.00	27.07 1.65 0.00	37.97 1.91 0.00	31.96 1.53 0.00	22.67 1.10 0.00
RAVENSWOOD_GT3_4 24251	21.93 0.66 0.00	19.29 0.56 0.00	19.73 0.47 0.00	20.61 0.39 0.00	21.50 0.35 0.00	20.01 0.48 0.00	18.79 0.58 0.00	18.37 0.61 0.00	19.17 0.57 0.00	20.18 0.84 0.00	19.29 0.78 0.00	20.56 0.76 0.00	20.70 0.82 0.00	20.56 0.87 0.00	20.60 0.87 0.00	23.69 0.99 0.00	28.93 1.24 0.00	32.84 1.75 0.00	28.28 1.74 0.00	27.07 1.65 0.00	37.97 1.91 0.00	31.96 1.53 0.00	22.67 1.10 0.00
RAVENSWOOD_GT_1 23729	21.92 0.65 0.00	19.27 0.55 0.00	19.70 0.44 0.00	20.58 0.36 0.00	21.48 0.33 0.00	19.99 0.46 0.00	18.79 0.57 0.00	18.36 0.61 0.00	19.17 0.57 0.00	20.18 0.85 0.00	19.28 0.76 0.00	20.56 0.76 0.00	20.70 0.82 0.00	20.55 0.86 0.00	20.60 0.87 0.00	23.69 0.98 0.00	28.90 1.22 0.00	32.82 1.73 0.00	28.28 1.74 0.00	27.08 1.65 0.00	37.96 1.89 0.00	31.95 1.51 0.00	22.67 1.10 0.00
RAVENSWOOD_GT_10 24258	21.90 0.63 0.00	19.26 0.54 0.00	19.71 0.45 0.00	20.59 0.37 0.00	21.47 0.32 0.00	19.98 0.45 0.00	18.77 0.56 0.00	18.35 0.59 0.00	19.15 0.54 0.00	20.15 0.82 0.00	19.26 0.75 0.00	20.54 0.73 0.00	20.68 0.80 0.00	20.53 0.84 0.00	20.58 0.85 0.00	23.66 0.96 0.00	28.89 1.20 0.00	32.80 1.70 0.00	28.24 1.71 0.00	27.04 1.62 0.00	37.93 1.86 0.00	31.93 1.49 0.00	22.65 1.08 0.00
RAVENSWOOD_GT_11 24259	21.90 0.63 0.00	19.26 0.54 0.00	19.71 0.45 0.00	20.59 0.37 0.00	21.47 0.32 0.00	19.98 0.45 0.00	18.77 0.56 0.00	18.35 0.59 0.00	19.15 0.54 0.00	20.15 0.82 0.00	19.26 0.75 0.00	20.54 0.73 0.00	20.68 0.80 0.00	20.53 0.84 0.00	20.58 0.85 0.00	23.66 0.96 0.00	28.89 1.20 0.00	32.80 1.70 0.00	28.24 1.71 0.00	27.04 1.62 0.00	37.93 1.86 0.00	31.93 1.49 0.00	22.65 1.08 0.00
RAVENSWOOD_GT_4 24252	21.91 0.64 0.00	19.27 0.54 0.00	19.72 0.45 0.00	20.59 0.37 0.00	21.48 0.33 0.00	19.99 0.46 0.00	18.78 0.57 0.00	18.35 0.60 0.00	19.15 0.55 0.00	20.16 0.82 0.00	19.27 0.76 0.00	20.54 0.74 0.00	20.68 0.80 0.00	20.54 0.85 0.00	20.59 0.85 0.00	23.67 0.97 0.00	28.90 1.22 0.00	32.81 1.71 0.00	28.25 1.71 0.00	27.04 1.62 0.00	37.94 1.87 0.00	31.94 1.50 0.00	22.65 1.09 0.00
RAVENSWOOD_GT_5 24254	21.91 0.64 0.00	19.27 0.54 0.00	19.72 0.45 0.00	20.59 0.37 0.00	21.48 0.33 0.00	19.99 0.46 0.00	18.78 0.57 0.00	18.35 0.60 0.00	19.15 0.55 0.00	20.16 0.82 0.00	19.27 0.76 0.00	20.54 0.74 0.00	20.68 0.80 0.00	20.54 0.85 0.00	20.59 0.85 0.00	23.67 0.97 0.00	28.90 1.22 0.00	32.81 1.71 0.00	28.25 1.71 0.00	27.04 1.62 0.00	37.94 1.87 0.00	31.94 1.50 0.00	22.65 1.09 0.00
RAVENSWOOD_GT_6 24253	21.91 0.64 0.00	19.27 0.54 0.00	19.72 0.45 0.00	20.59 0.37 0.00	21.48 0.33 0.00	19.99 0.46 0.00	18.78 0.57 0.00	18.35 0.60 0.00	19.15 0.55 0.00	20.16 0.82 0.00	19.27 0.76 0.00	20.54 0.74 0.00	20.68 0.80 0.00	20.54 0.85 0.00	20.59 0.85 0.00	23.67 0.97 0.00	28.90 1.22 0.00	32.81 1.71 0.00	28.25 1.71 0.00	27.04 1.62 0.00	37.94 1.87 0.00	31.94 1.50 0.00	22.65 1.09 0.00
RAVENSWOOD_GT_7 24255	21.91 0.64 0.00	19.27 0.54 0.00	19.72 0.45 0.00	20.59 0.37 0.00	21.48 0.33 0.00	19.99 0.46 0.00	18.78 0.57 0.00	18.35 0.60 0.00	19.15 0.55 0.00	20.16 0.82 0.00	19.27 0.76 0.00	20.54 0.74 0.00	20.68 0.80 0.00	20.54 0.85 0.00	20.59 0.85 0.00	23.67 0.97 0.00	28.90 1.22 0.00	32.81 1.71 0.00	28.25 1.71 0.00	27.04 1.62 0.00	37.94 1.87 0.00	31.94 1.50 0.00	22.65 1.09 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.90 0.63 0.00	19.26 0.54 0.00	19.71 0.45 0.00	20.59 0.37 0.00	21.47 0.32 0.00	19.98 0.45 0.00	18.77 0.56 0.00	18.35 0.59 0.00	19.15 0.54 0.00	20.15 0.82 0.00	19.26 0.75 0.00	20.54 0.73 0.00	20.68 0.80 0.00	20.53 0.84 0.00	20.58 0.85 0.00	23.66 0.96 0.00	28.89 1.20 0.00	32.80 1.70 0.00	28.24 1.71 0.00	27.04 1.62 0.00	37.93 1.86 0.00	31.93 1.49 0.00	22.65 1.08 0.00
RAVENSWOOD_GT_9 24257	21.90 0.63 0.00	19.26 0.54 0.00	19.71 0.45 0.00	20.59 0.37 0.00	21.47 0.32 0.00	19.98 0.45 0.00	18.77 0.56 0.00	18.35 0.59 0.00	19.15 0.54 0.00	20.15 0.82 0.00	19.26 0.75 0.00	20.54 0.73 0.00	20.68 0.80 0.00	20.53 0.84 0.00	20.58 0.85 0.00	23.66 0.96 0.00	28.89 1.20 0.00	32.80 1.70 0.00	28.24 1.71 0.00	27.04 1.62 0.00	37.93 1.86 0.00	31.93 1.49 0.00	22.65 1.08 0.00
RAVENSWOOD___1 23533	21.87 0.60 0.00	19.24 0.52 0.00	19.67 0.41 0.00	20.55 0.33 0.00	21.44 0.28 0.00	19.95 0.42 0.00	18.75 0.54 0.00	18.32 0.57 0.00	19.13 0.52 0.00	20.14 0.81 0.00	19.24 0.72 0.00	20.52 0.72 0.00	20.66 0.78 0.00	20.51 0.82 0.00	20.56 0.82 0.00	23.64 0.94 0.00	28.85 1.16 0.00	32.76 1.67 0.00	28.23 1.69 0.00	27.03 1.60 0.00	37.88 1.81 0.00	31.88 1.45 0.00	22.62 1.06 0.00
RAVENSWOOD___2 23534	21.87 0.60 0.00	19.24 0.52 0.00	19.67 0.41 0.00	20.55 0.33 0.00	21.44 0.28 0.00	19.95 0.42 0.00	18.75 0.54 0.00	18.32 0.57 0.00	19.13 0.52 0.00	20.14 0.81 0.00	19.24 0.72 0.00	20.52 0.72 0.00	20.66 0.78 0.00	20.51 0.82 0.00	20.56 0.82 0.00	23.64 0.94 0.00	28.85 1.16 0.00	32.76 1.67 0.00	28.23 1.69 0.00	27.03 1.60 0.00	37.88 1.81 0.00	31.88 1.45 0.00	22.62 1.06 0.00

RAVENSWOOD___3 23535	21.90 0.63 0.00	19.27 0.55 0.00	19.71 0.45 0.00	20.59 0.37 0.00	21.47 0.32 0.00	19.98 0.45 0.00	18.77 0.56 0.00	18.34 0.59 0.00	19.15 0.54 0.00	20.15 0.81 0.00	19.26 0.75 0.00	20.54 0.73 0.00	20.68 0.80 0.00	20.53 0.84 0.00	20.58 0.84 0.00	23.66 0.96 0.00	28.89 1.20 0.00	32.80 1.70 0.00	28.24 1.70 0.00	27.04 1.62 0.00	37.92 1.86 0.00	31.92 1.49 0.00	22.65 1.08 0.00
RAVENSWOOD___4 23820	21.87 0.60 0.00	19.24 0.52 0.00	19.67 0.41 0.00	20.55 0.33 0.00	21.44 0.28 0.00	19.95 0.42 0.00	18.75 0.54 0.00	18.32 0.57 0.00	19.13 0.52 0.00	20.14 0.81 0.00	19.24 0.72 0.00	20.52 0.72 0.00	20.66 0.78 0.00	20.51 0.82 0.00	20.56 0.82 0.00	23.64 0.94 0.00	28.85 1.16 0.00	32.76 1.67 0.00	28.23 1.69 0.00	27.03 1.60 0.00	37.88 1.81 0.00	31.88 1.45 0.00	22.62 1.06 0.00
RCPL_TRUST___DRP 24196	21.91 0.64 0.00	19.26 0.54 0.00	19.71 0.45 0.00	20.59 0.37 0.00	21.47 0.32 0.00	19.99 0.45 0.00	18.78 0.57 0.00	18.36 0.60 0.00	19.16 0.56 0.00	20.16 0.83 0.00	19.28 0.76 0.00	20.56 0.75 0.00	20.69 0.81 0.00	20.54 0.85 0.00	20.59 0.86 0.00	23.68 0.98 0.00	28.91 1.23 0.00	32.82 1.72 0.00	28.27 1.73 0.00	27.06 1.64 0.00	37.97 1.90 0.00	31.98 1.55 0.00	22.67 1.10 0.00
RED___ROCHESTER 323720	20.63 -0.65 0.00	18.20 -0.52 0.00	18.74 -0.52 0.00	19.66 -0.56 0.00	20.54 -0.61 0.00	18.83 -0.70 0.00	17.41 -0.80 0.00	16.85 -0.90 0.00	17.75 -0.85 0.00	18.43 -0.91 0.00	17.71 -0.81 0.00	18.82 -0.98 0.00	18.91 -0.98 0.00	18.78 -0.91 0.00	18.84 -0.89 0.00	21.76 -0.94 0.00	26.38 -1.31 0.00	29.76 -1.33 0.00	25.31 -1.23 0.00	24.19 -1.24 0.00	34.20 -1.87 0.00	29.02 -1.41 0.00	20.85 -0.72 0.00
REGAN___SOLAR 323812	23.11 1.84 0.00	20.34 1.61 0.00	20.86 1.60 0.00	21.95 1.73 0.00	23.05 1.90 0.00	21.27 1.74 0.00	19.80 1.59 0.00	19.27 1.52 0.00	20.29 1.69 0.00	20.96 1.63 0.00	20.19 1.68 0.00	21.63 1.82 0.00	21.61 1.73 0.00	21.41 1.73 0.00	21.48 1.75 0.00	24.69 1.99 0.00	30.21 2.53 0.00	34.28 3.18 0.00	29.36 2.82 0.00	28.02 2.60 0.00	39.60 3.53 0.00	33.43 2.99 0.00	23.66 2.10 0.00
RENSSELAER___COGEN 23796	21.71 0.44 0.00	19.10 0.37 0.00	19.63 0.37 0.00	20.58 0.36 0.00	21.42 0.27 0.00	19.86 0.33 0.00	18.54 0.33 0.00	18.13 0.38 0.00	18.95 0.35 0.00	19.83 0.49 0.00	18.96 0.45 0.00	20.23 0.42 0.00	20.36 0.48 0.00	20.18 0.49 0.00	20.19 0.46 0.00	23.23 0.53 0.00	28.47 0.79 0.00	32.21 1.11 0.00	27.55 1.01 0.00	26.34 0.91 0.00	37.12 1.06 0.00	31.20 0.77 0.00	22.17 0.60 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.69 1.42 0.00	19.95 1.23 0.00	20.58 1.32 0.00	21.55 1.34 0.00	22.23 1.08 0.00	20.78 1.25 0.00	19.49 1.28 0.00	19.24 1.49 0.00	20.12 1.52 0.00	20.95 1.62 0.00	19.78 1.27 0.00	21.11 1.31 0.00	21.34 1.46 0.00	21.15 1.46 0.00	21.18 1.45 0.00	24.53 1.83 0.00	30.49 2.81 0.00	34.77 3.67 0.00	29.38 2.84 0.00	27.95 2.53 0.00	38.96 2.90 0.00	32.54 2.10 0.00	23.04 1.47 0.00
REVERE_CPPR_DRP 24186	21.76 0.49 0.00	19.13 0.41 0.00	19.74 0.48 0.00	20.72 0.51 0.00	21.68 0.52 0.00	19.92 0.39 0.00	18.56 0.35 0.00	18.08 0.33 0.00	18.99 0.38 0.00	19.79 0.46 0.00	18.96 0.45 0.00	20.23 0.42 0.00	20.26 0.38 0.00	20.08 0.39 0.00	20.20 0.47 0.00	23.27 0.57 0.00	28.39 0.71 0.00	32.03 0.93 0.00	27.38 0.84 0.00	26.18 0.75 0.00	37.06 1.00 0.00	31.20 0.76 0.00	22.11 0.54 0.00
REYNOLDS_115KV_TB3 80639	21.66 0.39 0.00	19.05 0.33 0.00	19.58 0.32 0.00	20.53 0.31 0.00	21.35 0.20 0.00	19.81 0.28 0.00	18.49 0.27 0.00	18.09 0.34 0.00	18.90 0.30 0.00	19.78 0.45 0.00	18.92 0.41 0.00	20.17 0.36 0.00	20.31 0.43 0.00	20.13 0.44 0.00	20.14 0.40 0.00	23.16 0.46 0.00	28.41 0.73 0.00	32.14 1.04 0.00	27.48 0.94 0.00	26.27 0.85 0.00	37.02 0.96 0.00	31.11 0.67 0.00	22.11 0.54 0.00
RIVERBAY____ 323610	21.95 0.68 0.00	19.31 0.59 0.00	19.72 0.46 0.00	20.64 0.42 0.00	21.55 0.40 0.00	20.07 0.53 0.00	18.85 0.64 0.00	18.40 0.65 0.00	19.20 0.60 0.00	20.22 0.88 0.00	19.31 0.80 0.00	20.57 0.76 0.00	20.69 0.81 0.00	20.54 0.86 0.00	20.59 0.85 0.00	23.68 0.98 0.00	28.87 1.19 0.00	32.86 1.77 0.00	28.33 1.79 0.00	27.12 1.69 0.00	37.96 1.90 0.00	31.95 1.52 0.00	22.68 1.11 0.00
RIVERSDE_115KV_TB3 55908	21.73 0.45 0.00	19.10 0.38 0.00	19.63 0.37 0.00	20.58 0.36 0.00	21.42 0.27 0.00	19.87 0.34 0.00	18.54 0.33 0.00	18.13 0.38 0.00	18.95 0.35 0.00	19.83 0.50 0.00	18.97 0.46 0.00	20.23 0.43 0.00	20.37 0.49 0.00	20.19 0.51 0.00	20.20 0.47 0.00	23.24 0.54 0.00	28.50 0.81 0.00	32.23 1.13 0.00	27.56 1.02 0.00	26.35 0.92 0.00	37.13 1.07 0.00	31.21 0.77 0.00	22.17 0.60 0.00
ROARING___BROOK_WT_PWR 323790	20.89 -0.38 0.00	18.45 -0.27 0.00	19.06 -0.20 0.00	20.13 -0.09 0.00	21.14 -0.02 0.00	19.45 -0.08 0.00	18.08 -0.14 0.00	17.54 -0.21 0.00	18.43 -0.17 0.00	19.04 -0.29 0.00	18.27 -0.24 0.00	19.59 -0.22 0.00	19.60 -0.28 0.00	19.39 -0.30 0.00	19.41 -0.32 0.00	22.32 -0.38 0.00	27.17 -0.51 0.00	30.36 -0.74 0.00	25.84 -0.70 0.00	24.78 -0.65 0.00	35.39 -0.68 0.00	29.91 -0.53 0.00	21.15 -0.42 0.00
ROCHESRG_115KV_T4 355643	20.44 -0.83 0.00	18.05 -0.67 0.00	18.59 -0.67 0.00	19.50 -0.72 0.00	20.36 -0.80 0.00	18.67 -0.86 0.00	17.26 -0.95 0.00	16.69 -1.06 0.00	17.58 -1.02 0.00	18.24 -1.09 0.00	17.53 -0.99 0.00	18.63 -1.18 0.00	18.71 -1.17 0.00	18.58 -1.11 0.00	18.63 -1.10 0.00	21.50 -1.20 0.00	26.06 -1.63 0.00	29.39 -1.71 0.00	24.99 -1.56 0.00	23.88 -1.54 0.00	33.78 -2.28 0.00	28.68 -1.75 0.00	20.62 -0.95 0.00
ROCHESTER_9_IC 23652	20.54 -0.73 0.00	18.15 -0.58 0.00	18.68 -0.58 0.00	19.59 -0.63 0.00	20.46 -0.69 0.00	18.77 -0.77 0.00	17.35 -0.86 0.00	16.78 -0.97 0.00	17.67 -0.93 0.00	18.34 -0.99 0.00	17.63 -0.89 0.00	18.73 -1.07 0.00	18.82 -1.07 0.00	18.69 -1.00 0.00	18.74 -0.99 0.00	21.63 -1.07 0.00	26.22 -1.46 0.00	29.59 -1.51 0.00	25.15 -1.39 0.00	24.04 -1.39 0.00	34.00 -2.07 0.00	28.86 -1.58 0.00	20.74 -0.83 0.00
ROCKVIEW_13_KV_LD 356306	21.98 0.70 0.00	19.31 0.59 0.00	19.77 0.51 0.00	20.66 0.44 0.00	21.55 0.40 0.00	20.05 0.52 0.00	18.82 0.61 0.00	18.38 0.63 0.00	19.19 0.59 0.00	20.18 0.85 0.00	19.29 0.77 0.00	20.59 0.78 0.00	20.73 0.85 0.00	20.57 0.89 0.00	20.64 0.90 0.00	23.74 1.04 0.00	29.01 1.32 0.00	32.92 1.83 0.00	28.32 1.78 0.00	27.11 1.69 0.00	38.03 1.96 0.00	32.00 1.56 0.00	22.70 1.14 0.00

ROME____115KV_TB2 80656	21.76 0.49 0.00	19.13 0.41 0.00	19.74 0.48 0.00	20.72 0.51 0.00	21.68 0.52 0.00	19.92 0.39 0.00	18.56 0.35 0.00	18.08 0.33 0.00	18.99 0.38 0.00	19.79 0.46 0.00	18.96 0.45 0.00	20.23 0.42 0.00	20.26 0.38 0.00	20.08 0.39 0.00	20.20 0.47 0.00	23.27 0.57 0.00	28.39 0.71 0.00	32.03 0.93 0.00	27.38 0.84 0.00	26.18 0.75 0.00	37.06 1.00 0.00	31.20 0.76 0.00	22.11 0.54 0.00
ROSETON____1 23587	21.76 0.48 0.00	19.13 0.41 0.00	19.61 0.35 0.00	20.51 0.30 0.00	21.39 0.24 0.00	19.87 0.34 0.00	18.62 0.41 0.00	18.20 0.45 0.00	19.01 0.41 0.00	19.95 0.61 0.00	19.06 0.55 0.00	20.33 0.52 0.00	20.47 0.59 0.00	20.30 0.61 0.00	20.34 0.61 0.00	23.41 0.70 0.00	28.63 0.95 0.00	32.47 1.38 0.00	27.89 1.35 0.00	26.69 1.27 0.00	37.49 1.43 0.00	31.53 1.10 0.00	22.39 0.82 0.00
ROSETON____2 23588	21.76 0.48 0.00	19.13 0.41 0.00	19.61 0.35 0.00	20.51 0.30 0.00	21.39 0.24 0.00	19.87 0.34 0.00	18.62 0.41 0.00	18.20 0.45 0.00	19.01 0.41 0.00	19.95 0.61 0.00	19.06 0.55 0.00	20.33 0.52 0.00	20.47 0.59 0.00	20.30 0.61 0.00	20.34 0.61 0.00	23.41 0.70 0.00	28.63 0.95 0.00	32.47 1.38 0.00	27.89 1.35 0.00	26.69 1.27 0.00	37.49 1.43 0.00	31.53 1.10 0.00	22.39 0.82 0.00
ROTTRDAM_115KV_TB3 80664	21.67 0.40 0.00	19.07 0.35 0.00	19.60 0.34 0.00	20.55 0.33 0.00	21.43 0.28 0.00	19.86 0.32 0.00	18.55 0.33 0.00	18.12 0.37 0.00	18.96 0.36 0.00	19.79 0.45 0.00	18.92 0.40 0.00	20.20 0.39 0.00	20.30 0.42 0.00	20.12 0.43 0.00	20.16 0.43 0.00	23.19 0.49 0.00	28.41 0.72 0.00	32.09 1.00 0.00	27.46 0.92 0.00	26.25 0.82 0.00	37.02 0.96 0.00	31.16 0.72 0.00	22.11 0.54 0.00
RUSSELL____1 23602	20.63 -0.64 0.00	18.21 -0.51 0.00	18.75 -0.51 0.00	19.66 -0.56 0.00	20.53 -0.62 0.00	18.83 -0.71 0.00	17.42 -0.80 0.00	16.85 -0.90 0.00	17.75 -0.85 0.00	18.43 -0.91 0.00	17.71 -0.80 0.00	18.82 -0.98 0.00	18.91 -0.98 0.00	18.78 -0.91 0.00	18.84 -0.89 0.00	21.76 -0.94 0.00	26.37 -1.31 0.00	29.76 -1.33 0.00	25.31 -1.23 0.00	24.18 -1.24 0.00	34.20 -1.87 0.00	29.02 -1.42 0.00	20.84 -0.73 0.00
RUSSELL____2 23532	20.63 -0.64 0.00	18.21 -0.51 0.00	18.75 -0.51 0.00	19.66 -0.56 0.00	20.53 -0.62 0.00	18.83 -0.71 0.00	17.42 -0.80 0.00	16.85 -0.90 0.00	17.75 -0.85 0.00	18.43 -0.91 0.00	17.71 -0.80 0.00	18.82 -0.98 0.00	18.91 -0.98 0.00	18.78 -0.91 0.00	18.84 -0.89 0.00	21.76 -0.94 0.00	26.37 -1.31 0.00	29.76 -1.33 0.00	25.31 -1.23 0.00	24.18 -1.24 0.00	34.20 -1.87 0.00	29.02 -1.42 0.00	20.84 -0.73 0.00
RUSSELL____3 23549	20.63 -0.64 0.00	18.21 -0.51 0.00	18.75 -0.51 0.00	19.66 -0.56 0.00	20.53 -0.62 0.00	18.83 -0.71 0.00	17.42 -0.80 0.00	16.85 -0.90 0.00	17.75 -0.85 0.00	18.43 -0.91 0.00	17.71 -0.80 0.00	18.82 -0.98 0.00	18.91 -0.98 0.00	18.78 -0.91 0.00	18.84 -0.89 0.00	21.76 -0.94 0.00	26.37 -1.31 0.00	29.76 -1.33 0.00	25.31 -1.23 0.00	24.18 -1.24 0.00	34.20 -1.87 0.00	29.02 -1.42 0.00	20.84 -0.73 0.00
RUSSELL____4 23556	20.63 -0.64 0.00	18.21 -0.51 0.00	18.75 -0.51 0.00	19.66 -0.56 0.00	20.53 -0.62 0.00	18.83 -0.71 0.00	17.42 -0.80 0.00	16.85 -0.90 0.00	17.75 -0.85 0.00	18.43 -0.91 0.00	17.71 -0.80 0.00	18.82 -0.98 0.00	18.91 -0.98 0.00	18.78 -0.91 0.00	18.84 -0.89 0.00	21.76 -0.94 0.00	26.37 -1.31 0.00	29.76 -1.33 0.00	25.31 -1.23 0.00	24.18 -1.24 0.00	34.20 -1.87 0.00	29.02 -1.42 0.00	20.84 -0.73 0.00
RUSSELL____STATION 23914	20.63 -0.64 0.00	18.21 -0.51 0.00	18.75 -0.51 0.00	19.66 -0.56 0.00	20.53 -0.62 0.00	18.83 -0.71 0.00	17.42 -0.80 0.00	16.85 -0.90 0.00	17.75 -0.85 0.00	18.43 -0.91 0.00	17.71 -0.80 0.00	18.82 -0.98 0.00	18.91 -0.98 0.00	18.78 -0.91 0.00	18.84 -0.89 0.00	21.76 -0.94 0.00	26.37 -1.31 0.00	29.76 -1.33 0.00	25.31 -1.23 0.00	24.18 -1.24 0.00	34.20 -1.87 0.00	29.02 -1.42 0.00	20.84 -0.73 0.00
S SALMON____HYD 24043	20.67 -0.60 0.00	18.20 -0.52 0.00	18.82 -0.44 0.00	19.80 -0.42 0.00	20.72 -0.43 0.00	18.88 -0.65 0.00	17.51 -0.71 0.00	17.03 -0.72 0.00	17.90 -0.71 0.00	18.64 -0.69 0.00	17.91 -0.60 0.00	19.07 -0.73 0.00	19.12 -0.76 0.00	18.93 -0.75 0.00	19.05 -0.69 0.00	21.91 -0.79 0.00	26.71 -0.97 0.00	30.13 -0.97 0.00	25.72 -0.82 0.00	24.62 -0.81 0.00	34.87 -1.19 0.00	29.41 -1.03 0.00	20.94 -0.63 0.00
S.PERRY__115KV_TB1 80734	21.17 -0.10 0.00	18.56 -0.16 0.00	19.12 -0.14 0.00	20.14 -0.08 0.00	21.13 -0.03 0.00	19.28 -0.25 0.00	17.87 -0.34 0.00	17.28 -0.47 0.00	18.01 -0.59 0.00	18.58 -0.76 0.00	17.73 -0.79 0.00	18.79 -1.02 0.00	18.91 -0.97 0.00	18.81 -0.88 0.00	18.86 -0.87 0.00	21.90 -0.80 0.00	26.87 -0.81 0.00	30.43 -0.67 0.00	26.02 -0.52 0.00	25.00 -0.42 0.00	35.25 -0.81 0.00	29.91 -0.53 0.00	21.53 -0.04 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.06 -1.21 0.00	17.78 -0.94 0.00	18.32 -0.94 0.00	19.19 -1.03 0.00	20.04 -1.11 0.00	18.34 -1.19 0.00	16.85 -1.36 0.00	16.18 -1.57 0.00	17.08 -1.52 0.00	17.61 -1.72 0.00	16.96 -1.55 0.00	17.97 -1.83 0.00	18.03 -1.85 0.00	17.92 -1.76 0.00	17.97 -1.77 0.00	20.74 -1.96 0.00	25.00 -2.68 0.00	28.21 -2.89 0.00	23.87 -2.67 0.00	22.83 -2.60 0.00	32.28 -3.78 0.00	27.61 -2.83 0.00	20.06 -1.51 0.00
SAWYER__23_KV_LOAD 55526	20.06 -1.21 0.00	17.78 -0.94 0.00	18.32 -0.94 0.00	19.19 -1.03 0.00	20.04 -1.11 0.00	18.34 -1.19 0.00	16.85 -1.36 0.00	16.18 -1.57 0.00	17.08 -1.52 0.00	17.61 -1.72 0.00	16.96 -1.55 0.00	17.97 -1.83 0.00	18.03 -1.85 0.00	17.92 -1.76 0.00	17.97 -1.77 0.00	20.74 -1.96 0.00	25.00 -2.68 0.00	28.21 -2.89 0.00	23.87 -2.67 0.00	22.83 -2.60 0.00	32.28 -3.78 0.00	27.61 -2.83 0.00	20.06 -1.51 0.00
SELKIRK____I 23801	21.77 0.50 0.00	19.15 0.43 0.00	19.68 0.42 0.00	20.64 0.43 0.00	21.51 0.35 0.00	19.92 0.39 0.00	18.59 0.38 0.00	18.17 0.42 0.00	19.00 0.40 0.00	19.86 0.52 0.00	18.99 0.48 0.00	20.26 0.46 0.00	20.38 0.50 0.00	20.21 0.53 0.00	20.23 0.50 0.00	23.26 0.56 0.00	28.49 0.81 0.00	32.19 1.10 0.00	27.51 0.97 0.00	26.31 0.88 0.00	37.13 1.06 0.00	31.23 0.79 0.00	22.18 0.61 0.00
SELKIRK____II 23799	21.67 0.39 0.00	19.05 0.33 0.00	19.58 0.32 0.00	20.53 0.31 0.00	21.38 0.23 0.00	19.82 0.29 0.00	18.51 0.30 0.00	18.09 0.34 0.00	18.90 0.30 0.00	19.78 0.44 0.00	18.92 0.40 0.00	20.17 0.37 0.00	20.30 0.42 0.00	20.12 0.43 0.00	20.15 0.41 0.00	23.17 0.47 0.00	28.38 0.70 0.00	32.08 0.99 0.00	27.45 0.91 0.00	26.25 0.83 0.00	37.02 0.95 0.00	31.13 0.69 0.00	22.11 0.54 0.00

SENECA OSWGO___HYD 24041	20.94 -0.34 0.00	18.43 -0.29 0.00	18.96 -0.30 0.00	19.88 -0.34 0.00	20.74 -0.41 0.00	19.01 -0.52 0.00	17.67 -0.54 0.00	17.21 -0.54 0.00	18.05 -0.55 0.00	18.85 -0.49 0.00	18.08 -0.43 0.00	19.27 -0.53 0.00	19.33 -0.55 0.00	19.19 -0.50 0.00	19.24 -0.49 0.00	22.13 -0.57 0.00	26.98 -0.71 0.00	30.40 -0.70 0.00	25.96 -0.58 0.00	24.83 -0.59 0.00	35.11 -0.95 0.00	29.64 -0.80 0.00	21.12 -0.45 0.00
SENECA___115KV_TB3 355854	20.36 -0.91 0.00	18.03 -0.69 0.00	18.57 -0.69 0.00	19.44 -0.78 0.00	20.31 -0.84 0.00	18.59 -0.95 0.00	17.09 -1.12 0.00	16.43 -1.33 0.00	17.32 -1.28 0.00	17.87 -1.47 0.00	17.20 -1.31 0.00	18.25 -1.55 0.00	18.32 -1.56 0.00	18.20 -1.49 0.00	18.24 -1.49 0.00	21.05 -1.65 0.00	25.38 -2.31 0.00	28.62 -2.48 0.00	24.21 -2.33 0.00	23.18 -2.25 0.00	32.76 -3.31 0.00	28.00 -2.44 0.00	20.33 -1.24 0.00
SENECA___ENERGY 23797	20.99 -0.27 0.00	18.43 -0.29 0.00	18.98 -0.28 0.00	19.93 -0.29 0.00	20.83 -0.33 0.00	19.07 -0.47 0.00	17.75 -0.46 0.00	17.25 -0.50 0.00	18.09 -0.51 0.00	18.86 -0.47 0.00	18.07 -0.45 0.00	19.24 -0.56 0.00	19.34 -0.54 0.00	19.15 -0.54 0.00	19.22 -0.51 0.00	22.15 -0.55 0.00	26.98 -0.70 0.00	30.49 -0.61 0.00	26.06 -0.47 0.00	24.99 -0.43 0.00	35.23 -0.84 0.00	29.73 -0.71 0.00	21.26 -0.31 0.00
SHOEMAKER___GT 23640	21.74 0.47 0.00	19.11 0.39 0.00	19.60 0.34 0.00	20.50 0.28 0.00	21.39 0.24 0.00	19.86 0.33 0.00	18.61 0.40 0.00	18.17 0.42 0.00	18.97 0.37 0.00	19.88 0.55 0.00	18.99 0.48 0.00	20.27 0.47 0.00	20.42 0.54 0.00	20.24 0.55 0.00	20.30 0.57 0.00	23.37 0.67 0.00	28.54 0.85 0.00	32.35 1.25 0.00	27.79 1.25 0.00	26.61 1.18 0.00	37.41 1.34 0.00	31.48 1.05 0.00	22.35 0.79 0.00
SHOEMAKR_138KV_BK 111 55601	21.74 0.46 0.00	19.10 0.38 0.00	19.59 0.33 0.00	20.49 0.27 0.00	21.39 0.24 0.00	19.85 0.32 0.00	18.61 0.39 0.00	18.17 0.42 0.00	18.97 0.37 0.00	19.88 0.55 0.00	19.00 0.49 0.00	20.27 0.47 0.00	20.42 0.54 0.00	20.24 0.55 0.00	20.30 0.57 0.00	23.37 0.67 0.00	28.54 0.85 0.00	32.35 1.25 0.00	27.78 1.25 0.00	26.60 1.17 0.00	37.40 1.33 0.00	31.48 1.04 0.00	22.35 0.78 0.00
SHOREHAM_IC_1 23715	21.98 0.71 0.00	19.33 0.61 0.00	19.83 0.57 0.00	20.61 0.39 0.00	21.77 0.61 0.00	20.54 1.01 0.00	19.10 0.88 0.00	18.41 0.66 0.00	18.98 0.38 0.00	19.97 0.63 0.00	18.96 0.44 0.00	20.11 0.30 0.00	20.22 0.34 0.00	20.27 0.58 0.00	20.46 0.73 0.00	23.90 0.97 -0.23	29.07 1.36 -0.03	33.07 1.97 0.00	28.27 1.73 0.00	27.16 1.69 -0.05	37.75 1.68 0.00	31.59 1.15 0.00	22.54 0.97 0.00
SHOREHAM_IC_2 23716	21.98 0.71 0.00	19.33 0.61 0.00	19.83 0.57 0.00	20.61 0.39 0.00	21.77 0.61 0.00	20.54 1.01 0.00	19.10 0.88 0.00	18.41 0.66 0.00	18.98 0.38 0.00	19.97 0.63 0.00	18.96 0.44 0.00	20.11 0.30 0.00	20.22 0.34 0.00	20.27 0.58 0.00	20.46 0.73 0.00	23.90 0.97 -0.23	29.07 1.36 -0.03	33.07 1.97 0.00	28.27 1.73 0.00	27.16 1.69 -0.05	37.75 1.68 0.00	31.59 1.15 0.00	22.54 0.97 0.00
SISSONVILLE___ 23735	20.66 -0.61 0.00	18.18 -0.54 0.00	18.84 -0.42 0.00	19.92 -0.30 0.00	21.04 -0.11 0.00	19.57 0.03 0.00	18.24 0.03 0.00	17.72 -0.03 0.00	18.67 0.06 0.00	19.15 -0.18 0.00	18.33 -0.19 0.00	19.68 -0.12 0.00	19.60 -0.28 0.00	20.30 -0.38 -1.00	25.06 -0.36 -5.69	23.42 -0.38 -1.09	32.63 -0.67 -5.61	36.72 -0.99 -6.62	32.80 -0.95 -7.21	31.54 -0.93 -7.05	43.78 -0.96 -8.67	37.69 -0.59 -7.85	27.50 -0.56 -6.49
SITHE_IND_GS1 24169	20.82 -0.45 0.00	18.32 -0.40 0.00	18.85 -0.41 0.00	19.77 -0.44 0.00	20.63 -0.53 0.00	18.90 -0.64 0.00	17.57 -0.64 0.00	17.11 -0.65 0.00	17.93 -0.67 0.00	18.72 -0.62 0.00	17.96 -0.56 0.00	19.14 -0.67 0.00	19.22 -0.66 0.00	19.05 -0.64 0.00	19.10 -0.63 0.00	21.94 -0.76 0.00	26.72 -0.96 0.00	30.07 -1.03 0.00	25.68 -0.86 0.00	24.59 -0.84 0.00	34.78 -1.29 0.00	29.38 -1.06 0.00	20.95 -0.62 0.00
SITHE_IND_GS2 24170	20.82 -0.45 0.00	18.32 -0.40 0.00	18.85 -0.41 0.00	19.77 -0.44 0.00	20.63 -0.53 0.00	18.90 -0.64 0.00	17.57 -0.64 0.00	17.11 -0.65 0.00	17.93 -0.67 0.00	18.72 -0.62 0.00	17.96 -0.56 0.00	19.14 -0.67 0.00	19.22 -0.66 0.00	19.05 -0.64 0.00	19.10 -0.63 0.00	21.94 -0.76 0.00	26.72 -0.96 0.00	30.07 -1.03 0.00	25.68 -0.86 0.00	24.59 -0.84 0.00	34.78 -1.29 0.00	29.38 -1.06 0.00	20.95 -0.62 0.00
SITHE_IND_GS3 24171	20.82 -0.45 0.00	18.32 -0.40 0.00	18.85 -0.41 0.00	19.77 -0.44 0.00	20.63 -0.53 0.00	18.90 -0.64 0.00	17.57 -0.64 0.00	17.11 -0.65 0.00	17.93 -0.67 0.00	18.72 -0.62 0.00	17.96 -0.56 0.00	19.14 -0.67 0.00	19.22 -0.66 0.00	19.05 -0.64 0.00	19.10 -0.63 0.00	21.94 -0.76 0.00	26.72 -0.96 0.00	30.07 -1.03 0.00	25.68 -0.86 0.00	24.59 -0.84 0.00	34.78 -1.29 0.00	29.38 -1.06 0.00	20.95 -0.62 0.00
SITHE_IND_GS4 24172	20.82 -0.45 0.00	18.32 -0.40 0.00	18.85 -0.41 0.00	19.77 -0.44 0.00	20.63 -0.53 0.00	18.90 -0.64 0.00	17.57 -0.64 0.00	17.11 -0.65 0.00	17.93 -0.67 0.00	18.72 -0.62 0.00	17.96 -0.56 0.00	19.14 -0.67 0.00	19.22 -0.66 0.00	19.05 -0.64 0.00	19.10 -0.63 0.00	21.94 -0.76 0.00	26.72 -0.96 0.00	30.07 -1.03 0.00	25.68 -0.86 0.00	24.59 -0.84 0.00	34.78 -1.29 0.00	29.38 -1.06 0.00	20.95 -0.62 0.00
SITHE___BATAVIA 24024	20.49 -0.78 0.00	18.12 -0.60 0.00	18.66 -0.60 0.00	19.58 -0.64 0.00	20.48 -0.67 0.00	18.75 -0.79 0.00	17.26 -0.95 0.00	16.62 -1.13 0.00	17.55 -1.05 0.00	18.11 -1.23 0.00	17.44 -1.07 0.00	18.54 -1.26 0.00	18.60 -1.28 0.00	18.49 -1.19 0.00	18.55 -1.18 0.00	21.45 -1.25 0.00	25.95 -1.74 0.00	29.30 -1.80 0.00	24.85 -1.68 0.00	23.74 -1.69 0.00	33.51 -2.55 0.00	28.60 -1.84 0.00	20.68 -0.89 0.00
SITHE___INDEPEND 23800	20.82 -0.45 0.00	18.32 -0.40 0.00	18.85 -0.41 0.00	19.77 -0.44 0.00	20.62 -0.53 0.00	18.90 -0.64 0.00	17.57 -0.64 0.00	17.11 -0.65 0.00	17.93 -0.67 0.00	18.72 -0.62 0.00	17.96 -0.56 0.00	19.14 -0.67 0.00	19.22 -0.66 0.00	19.05 -0.64 0.00	19.10 -0.63 0.00	21.94 -0.76 0.00	26.72 -0.97 0.00	30.07 -1.03 0.00	25.68 -0.86 0.00	24.59 -0.84 0.00	34.78 -1.29 0.00	29.38 -1.06 0.00	20.95 -0.62 0.00
SITHE___MASSENA 23902	21.22 -0.05 0.00	18.70 -0.02 0.00	19.30 0.04 0.00	20.35 0.13 0.00	21.44 0.28 0.00	19.93 0.40 0.00	18.57 0.36 0.00	18.06 0.30 0.00	18.99 0.39 0.00	19.51 0.18 0.00	18.67 0.16 0.00	20.07 0.26 0.00	20.05 0.17 0.00	19.97 0.10 -0.18	20.89 0.11 -1.05	23.06 0.16 -0.20	28.71 -0.01 -1.03	32.06 -0.25 -1.22	27.54 -0.33 -1.33	26.40 -0.33 -1.30	37.54 -0.12 -1.60	32.00 0.11 -1.45	22.73 -0.03 -1.20

SITHE___OGDNSBRG 24021	21.32 0.05 0.00	18.79 0.06 0.00	19.41 0.15 0.00	20.49 0.27 0.00	21.63 0.48 0.00	20.13 0.60 0.00	18.76 0.55 0.00	18.24 0.48 0.00	19.19 0.59 0.00	19.67 0.33 0.00	18.83 0.31 0.00	20.23 0.42 0.00	20.18 0.30 0.00	20.57 0.21 -0.68	23.86 0.24 -3.89	23.78 0.33 -0.75	31.76 0.24 -3.83	35.66 0.04 -4.52	31.41 -0.05 -4.93	30.15 -0.09 -4.81	42.23 0.24 -5.93	36.22 0.42 -5.36	26.14 0.14 -4.44
SITHE___STERLING 23777	21.67 0.39 0.00	19.06 0.34 0.00	19.63 0.37 0.00	20.59 0.37 0.00	21.50 0.35 0.00	19.78 0.25 0.00	18.44 0.23 0.00	17.98 0.22 0.00	18.85 0.25 0.00	19.67 0.33 0.00	18.85 0.33 0.00	20.09 0.29 0.00	20.13 0.25 0.00	19.96 0.27 0.00	20.05 0.32 0.00	23.11 0.40 0.00	28.20 0.52 0.00	31.81 0.71 0.00	27.18 0.64 0.00	26.01 0.58 0.00	36.77 0.71 0.00	30.98 0.54 0.00	21.98 0.41 0.00
SLEIGHT__34_KV_TB1 80719	20.71 -0.57 0.00	18.23 -0.49 0.00	18.77 -0.49 0.00	19.68 -0.53 0.00	20.56 -0.59 0.00	18.84 -0.69 0.00	17.49 -0.73 0.00	16.98 -0.78 0.00	17.85 -0.75 0.00	18.59 -0.74 0.00	17.86 -0.65 0.00	19.00 -0.80 0.00	19.08 -0.80 0.00	18.91 -0.77 0.00	18.98 -0.75 0.00	21.88 -0.82 0.00	26.59 -1.09 0.00	30.02 -1.08 0.00	25.60 -0.94 0.00	24.47 -0.96 0.00	34.58 -1.48 0.00	29.23 -1.21 0.00	20.92 -0.65 0.00
SOUTH CAIRO___GT 23612	22.58 1.31 0.00	19.83 1.11 0.00	20.39 1.13 0.00	21.40 1.18 0.00	22.30 1.15 0.00	20.67 1.14 0.00	19.30 1.08 0.00	18.89 1.14 0.00	19.72 1.12 0.00	20.66 1.32 0.00	19.72 1.21 0.00	21.00 1.20 0.00	21.09 1.21 0.00	20.98 1.30 0.00	21.02 1.29 0.00	24.10 1.40 0.00	29.80 2.11 0.00	33.75 2.65 0.00	28.83 2.29 0.00	27.52 2.09 0.00	38.77 2.71 0.00	32.50 2.06 0.00	23.05 1.48 0.00
SOUTH HAMPTN___IC 23720	22.24 0.97 0.00	19.55 0.83 0.00	20.05 0.79 0.00	20.83 0.61 0.00	21.98 0.82 0.00	20.72 1.19 0.00	19.27 1.05 0.00	18.60 0.85 0.00	19.20 0.60 0.00	20.18 0.85 0.00	19.17 0.65 0.00	20.30 0.49 0.00	20.34 0.46 0.00	20.40 0.71 0.00	20.60 0.86 0.00	24.06 1.13 -0.23	29.26 1.55 -0.03	33.29 2.20 0.00	28.51 1.97 0.00	27.37 1.89 -0.05	38.05 1.99 0.00	31.83 1.39 0.00	22.71 1.14 0.00
SOUTHDOW__115KV_TB1 355954	21.12 -0.15 0.00	18.58 -0.14 0.00	19.19 -0.07 0.00	20.05 -0.17 0.00	20.99 -0.16 0.00	19.26 -0.27 0.00	17.77 -0.45 0.00	17.06 -0.70 0.00	17.95 -0.65 0.00	18.56 -0.77 0.00	17.89 -0.62 0.00	18.97 -0.83 0.00	19.09 -0.80 0.00	18.94 -0.75 0.00	19.03 -0.70 0.00	21.95 -0.75 0.00	26.42 -1.26 0.00	29.90 -1.20 0.00	25.40 -1.14 0.00	24.39 -1.04 0.00	34.36 -1.70 0.00	29.33 -1.11 0.00	21.20 -0.36 0.00
SOUTHOLD__69_KV_BK 2 55809	22.57 1.31 0.00	19.81 1.09 0.00	20.32 1.06 0.00	21.11 0.89 0.00	22.26 1.11 0.00	20.98 1.45 0.00	19.52 1.31 0.00	18.85 1.10 0.00	19.46 0.86 0.00	20.44 1.10 0.00	19.40 0.88 0.00	20.46 0.66 0.00	20.38 0.51 0.00	20.46 0.77 0.00	20.68 0.94 0.00	24.18 1.25 -0.23	29.40 1.69 -0.03	33.50 2.41 0.00	28.75 2.21 0.00	27.55 2.07 -0.05	38.30 2.23 0.00	31.99 1.56 0.00	22.81 1.25 0.00
SOUTHOLD___IC 23719	22.57 1.31 0.00	19.81 1.09 0.00	20.32 1.06 0.00	21.11 0.89 0.00	22.26 1.11 0.00	20.98 1.45 0.00	19.52 1.31 0.00	18.85 1.10 0.00	19.46 0.86 0.00	20.44 1.10 0.00	19.40 0.88 0.00	20.46 0.66 0.00	20.38 0.50 0.00	20.46 0.77 0.00	20.68 0.94 0.00	24.18 1.25 -0.23	29.39 1.68 -0.03	33.50 2.40 0.00	28.74 2.20 0.00	27.55 2.07 -0.05	38.30 2.23 0.00	31.99 1.55 0.00	22.82 1.25 0.00
SOUTH_FORK_WT_PWR 323839	22.60 1.33 0.00	19.83 1.11 0.00	20.35 1.08 0.00	21.13 0.91 0.00	22.29 1.14 0.00	21.01 1.48 0.00	19.54 1.33 0.00	18.88 1.12 0.00	19.47 0.87 0.00	20.45 1.12 0.00	19.41 0.90 0.00	20.42 0.61 0.00	20.24 0.36 0.00	20.32 0.63 0.00	20.54 0.81 0.00	24.03 1.10 -0.23	29.19 1.48 -0.03	33.29 2.19 0.00	28.59 2.05 0.00	27.37 1.89 -0.05	38.05 1.98 0.00	31.78 1.35 0.00	22.67 1.10 0.00
SPIERFLS__115KV_TB 1 80737	21.94 0.66 0.00	19.29 0.56 0.00	19.84 0.58 0.00	20.81 0.59 0.00	21.62 0.46 0.00	20.13 0.60 0.00	18.84 0.62 0.00	18.53 0.78 0.00	19.38 0.78 0.00	20.16 0.83 0.00	19.18 0.67 0.00	20.48 0.68 0.00	20.62 0.74 0.00	20.44 0.75 0.00	20.47 0.74 0.00	23.61 0.91 0.00	29.09 1.40 0.00	33.00 1.90 0.00	28.14 1.60 0.00	26.85 1.43 0.00	37.74 1.67 0.00	31.63 1.19 0.00	22.41 0.84 0.00
ST LAWRENCE____ 23600	21.07 -0.20 0.00	18.57 -0.16 0.00	19.15 -0.11 0.00	20.18 -0.03 0.00	21.25 0.10 0.00	19.69 0.16 0.00	18.36 0.14 0.00	17.85 0.10 0.00	18.77 0.16 0.00	19.30 -0.04 0.00	18.47 -0.04 0.00	19.85 0.05 0.00	19.84 -0.04 0.00	19.59 -0.10 0.00	19.64 -0.10 0.00	22.62 -0.08 0.00	27.47 -0.21 0.00	30.60 -0.49 0.00	26.00 -0.54 0.00	24.91 -0.51 0.00	35.67 -0.39 0.00	30.24 -0.20 0.00	21.31 -0.26 0.00
STATE_CA__115KV_115_LB 55624	21.83 0.56 0.00	19.19 0.47 0.00	19.72 0.46 0.00	20.68 0.46 0.00	21.53 0.38 0.00	19.97 0.44 0.00	18.64 0.43 0.00	18.23 0.48 0.00	19.05 0.45 0.00	19.94 0.61 0.00	19.08 0.57 0.00	20.35 0.54 0.00	20.49 0.61 0.00	20.31 0.63 0.00	20.32 0.59 0.00	23.38 0.68 0.00	28.66 0.98 0.00	32.43 1.33 0.00	27.73 1.19 0.00	26.50 1.08 0.00	37.34 1.28 0.00	31.39 0.95 0.00	22.29 0.72 0.00
STATE_ST_34_KV_LOAD 55959	21.38 0.11 0.00	18.74 0.01 0.00	19.33 0.07 0.00	20.29 0.07 0.00	21.19 0.04 0.00	19.35 -0.18 0.00	18.02 -0.19 0.00	17.57 -0.19 0.00	18.41 -0.20 0.00	19.25 -0.09 0.00	18.47 -0.05 0.00	19.69 -0.12 0.00	19.75 -0.13 0.00	19.52 -0.17 0.00	19.58 -0.16 0.00	22.54 -0.17 0.00	27.44 -0.24 0.00	30.96 -0.14 0.00	26.53 -0.01 0.00	25.41 -0.02 0.00	35.90 -0.17 0.00	30.21 -0.22 0.00	21.54 -0.03 0.00
STATION 5_MISC_HYD 23604	20.54 -0.73 0.00	18.13 -0.59 0.00	18.67 -0.59 0.00	19.59 -0.63 0.00	20.46 -0.70 0.00	18.76 -0.77 0.00	17.35 -0.86 0.00	16.78 -0.97 0.00	17.67 -0.93 0.00	18.34 -0.99 0.00	17.63 -0.89 0.00	18.73 -1.07 0.00	18.82 -1.06 0.00	18.69 -1.00 0.00	18.74 -0.99 0.00	21.64 -1.06 0.00	26.23 -1.46 0.00	29.59 -1.51 0.00	25.16 -1.38 0.00	24.04 -1.38 0.00	34.00 -2.06 0.00	28.86 -1.58 0.00	20.74 -0.83 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.87 -0.40 0.00	18.38 -0.34 0.00	18.93 -0.33 0.00	19.86 -0.36 0.00	20.75 -0.40 0.00	19.03 -0.50 0.00	17.66 -0.55 0.00	17.13 -0.62 0.00	18.01 -0.59 0.00	18.74 -0.60 0.00	17.99 -0.53 0.00	19.12 -0.68 0.00	19.23 -0.66 0.00	19.07 -0.62 0.00	19.14 -0.60 0.00	22.08 -0.62 0.00	26.83 -0.86 0.00	30.29 -0.81 0.00	25.83 -0.71 0.00	24.70 -0.72 0.00	34.86 -1.20 0.00	29.51 -0.93 0.00	21.13 -0.44 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	20.48 -0.79 0.00	18.08 -0.65 0.00	18.61 -0.65 0.00	19.51 -0.71 0.00	20.39 -0.77 0.00	18.69 -0.84 0.00	17.30 -0.91 0.00	16.74 -1.01 0.00	17.63 -0.97 0.00	18.32 -1.02 0.00	17.59 -0.92 0.00	18.71 -1.10 0.00	18.79 -1.09 0.00	18.66 -1.02 0.00	18.72 -1.01 0.00	21.60 -1.10 0.00	26.20 -1.49 0.00	29.55 -1.54 0.00	25.13 -1.41 0.00	24.02 -1.40 0.00	33.96 -2.11 0.00	28.80 -1.64 0.00	20.68 -0.89 0.00
STA_56___34_KV_BUS2 355983	20.48 -0.79 0.00	18.08 -0.65 0.00	18.61 -0.65 0.00	19.51 -0.71 0.00	20.39 -0.77 0.00	18.69 -0.84 0.00	17.30 -0.91 0.00	16.74 -1.01 0.00	17.63 -0.97 0.00	18.32 -1.02 0.00	17.59 -0.92 0.00	18.71 -1.10 0.00	18.79 -1.09 0.00	18.66 -1.02 0.00	18.72 -1.01 0.00	21.60 -1.10 0.00	26.20 -1.49 0.00	29.55 -1.54 0.00	25.13 -1.41 0.00	24.02 -1.40 0.00	33.96 -2.11 0.00	28.80 -1.64 0.00	20.68 -0.89 0.00
STA_67___115KV_BK2 355882	20.51 -0.77 0.00	18.11 -0.61 0.00	18.65 -0.61 0.00	19.55 -0.67 0.00	20.42 -0.73 0.00	18.73 -0.80 0.00	17.32 -0.89 0.00	16.75 -1.01 0.00	17.64 -0.96 0.00	18.31 -1.03 0.00	17.59 -0.92 0.00	18.69 -1.11 0.00	18.78 -1.11 0.00	18.64 -1.04 0.00	18.70 -1.03 0.00	21.58 -1.12 0.00	26.17 -1.52 0.00	29.52 -1.58 0.00	25.09 -1.45 0.00	23.98 -1.44 0.00	33.92 -2.15 0.00	28.79 -1.65 0.00	20.69 -0.88 0.00
STA_7___115KV_9TRANS 80674	20.63 -0.64 0.00	18.21 -0.51 0.00	18.75 -0.51 0.00	19.66 -0.56 0.00	20.53 -0.62 0.00	18.83 -0.71 0.00	17.42 -0.80 0.00	16.85 -0.90 0.00	17.75 -0.85 0.00	18.43 -0.91 0.00	17.71 -0.80 0.00	18.82 -0.98 0.00	18.91 -0.98 0.00	18.78 -0.91 0.00	18.84 -0.89 0.00	21.76 -0.94 0.00	26.37 -1.31 0.00	29.76 -1.33 0.00	25.31 -1.23 0.00	24.18 -1.24 0.00	34.20 -1.87 0.00	29.02 -1.42 0.00	20.84 -0.73 0.00
STA_82___115KV_TB1 80780	20.52 -0.76 0.00	18.12 -0.60 0.00	18.66 -0.61 0.00	19.57 -0.65 0.00	20.43 -0.72 0.00	18.73 -0.80 0.00	17.32 -0.89 0.00	16.76 -1.00 0.00	17.65 -0.95 0.00	18.32 -1.02 0.00	17.60 -0.91 0.00	18.70 -1.10 0.00	18.78 -1.10 0.00	18.65 -1.03 0.00	18.71 -1.02 0.00	21.60 -1.10 0.00	26.18 -1.51 0.00	29.53 -1.56 0.00	25.11 -1.43 0.00	23.99 -1.43 0.00	33.94 -2.13 0.00	28.81 -1.63 0.00	20.70 -0.87 0.00
STEEL___WIND 323596	20.33 -0.95 0.00	17.98 -0.74 0.00	18.52 -0.74 0.00	19.42 -0.80 0.00	20.28 -0.87 0.00	18.55 -0.98 0.00	17.06 -1.15 0.00	16.40 -1.35 0.00	17.28 -1.32 0.00	17.83 -1.51 0.00	17.17 -1.35 0.00	18.22 -1.58 0.00	18.28 -1.59 0.00	18.17 -1.52 0.00	18.21 -1.52 0.00	21.01 -1.69 0.00	25.32 -2.36 0.00	28.56 -2.54 0.00	24.17 -2.37 0.00	23.13 -2.30 0.00	32.70 -3.36 0.00	27.96 -2.48 0.00	20.30 -1.27 0.00
STEPHTWN_115KV_BK_2 55603	21.89 0.62 0.00	19.24 0.52 0.00	19.82 0.56 0.00	20.76 0.54 0.00	21.57 0.42 0.00	19.99 0.46 0.00	18.71 0.50 0.00	18.31 0.56 0.00	19.12 0.52 0.00	20.03 0.69 0.00	19.16 0.65 0.00	20.44 0.64 0.00	20.54 0.67 0.00	20.37 0.68 0.00	20.40 0.68 0.00	23.49 0.79 0.00	28.80 1.11 0.00	32.58 1.48 0.00	27.87 1.33 0.00	26.70 1.28 0.00	37.58 1.51 0.00	31.58 1.15 0.00	22.38 0.82 0.00
STEUBEN_REC_LFGE 323667	20.81 -0.46 0.00	18.20 -0.52 0.00	18.76 -0.50 0.00	19.83 -0.39 0.00	20.89 -0.26 0.00	18.86 -0.67 0.00	17.43 -0.78 0.00	16.84 -0.91 0.00	17.62 -0.98 0.00	18.04 -1.30 0.00	17.27 -1.24 0.00	18.28 -1.53 0.00	18.48 -1.40 0.00	18.24 -1.44 0.00	18.35 -1.39 0.00	21.23 -1.47 0.00	25.77 -1.91 0.00	29.24 -1.85 0.00	25.01 -1.53 0.00	24.11 -1.32 0.00	33.93 -2.13 0.00	28.97 -1.47 0.00	21.04 -0.53 0.00
STILLWATER___SOLAR 323814	21.89 0.62 0.00	19.25 0.52 0.00	19.81 0.55 0.00	20.77 0.55 0.00	21.61 0.45 0.00	20.06 0.53 0.00	18.75 0.54 0.00	18.37 0.62 0.00	19.20 0.60 0.00	20.03 0.69 0.00	19.11 0.60 0.00	20.41 0.61 0.00	20.52 0.64 0.00	20.35 0.67 0.00	20.38 0.65 0.00	23.48 0.78 0.00	28.86 1.17 0.00	32.68 1.58 0.00	27.93 1.39 0.00	26.67 1.24 0.00	37.54 1.48 0.00	31.52 1.09 0.00	22.36 0.79 0.00
STONY___BROOK 24151	22.15 0.88 0.00	19.47 0.75 0.00	19.93 0.67 0.00	20.73 0.51 0.00	21.76 0.61 0.00	20.41 0.88 0.00	19.04 0.82 0.00	18.46 0.71 0.00	19.15 0.55 0.00	20.19 0.85 0.00	19.20 0.69 0.00	20.40 0.60 0.00	20.56 0.68 0.00	20.57 0.89 0.00	20.76 1.03 0.00	24.25 1.31 -0.24	29.46 1.75 -0.03	33.41 2.31 0.00	28.60 2.06 0.00	27.49 2.01 -0.05	38.21 2.14 0.00	31.97 1.53 0.00	22.81 1.25 0.00
STURGEON_POOL_HYD 23609	21.73 0.45 0.00	19.10 0.37 0.00	19.56 0.30 0.00	20.45 0.23 0.00	21.34 0.19 0.00	19.83 0.30 0.00	18.61 0.39 0.00	18.18 0.42 0.00	18.99 0.38 0.00	19.92 0.58 0.00	19.05 0.54 0.00	20.32 0.51 0.00	20.47 0.59 0.00	20.29 0.61 0.00	20.33 0.60 0.00	23.42 0.72 0.00	28.63 0.94 0.00	32.49 1.40 0.00	27.95 1.41 0.00	26.74 1.32 0.00	37.55 1.49 0.00	31.58 1.14 0.00	22.40 0.84 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.80 0.53 0.00	19.16 0.44 0.00	19.64 0.38 0.00	20.53 0.31 0.00	21.42 0.27 0.00	19.91 0.37 0.00	18.66 0.45 0.00	18.23 0.48 0.00	19.03 0.43 0.00	19.99 0.65 0.00	19.10 0.59 0.00	20.37 0.57 0.00	20.52 0.64 0.00	20.34 0.66 0.00	20.40 0.67 0.00	23.48 0.78 0.00	28.69 1.00 0.00	32.54 1.44 0.00	27.96 1.42 0.00	26.76 1.33 0.00	37.60 1.53 0.00	31.65 1.22 0.00	22.47 0.90 0.00
SWANROAD_115KV_TB1 355699	19.61 -1.66 0.00	17.40 -1.32 0.00	17.92 -1.35 0.00	18.77 -1.45 0.00	19.63 -1.53 0.00	17.94 -1.59 0.00	16.45 -1.77 0.00	15.76 -1.99 0.00	16.65 -1.95 0.00	17.15 -2.19 0.00	16.51 -2.00 0.00	17.52 -2.29 0.00	17.56 -2.32 0.00	17.45 -2.24 0.00	17.50 -2.24 0.00	20.21 -2.49 0.00	24.36 -3.32 0.00	27.49 -3.61 0.00	23.24 -3.30 0.00	22.20 -3.23 0.00	31.41 -4.66 0.00	26.90 -3.53 0.00	19.59 -1.98 0.00
SYNERGY___BIOGAS 323694	20.49 -0.78 0.00	18.12 -0.60 0.00	18.66 -0.60 0.00	19.58 -0.64 0.00	20.48 -0.67 0.00	18.75 -0.79 0.00	17.26 -0.95 0.00	16.62 -1.13 0.00	17.55 -1.05 0.00	18.11 -1.23 0.00	17.44 -1.07 0.00	18.54 -1.26 0.00	18.60 -1.28 0.00	18.49 -1.19 0.00	18.55 -1.18 0.00	21.45 -1.25 0.00	25.95 -1.74 0.00	29.30 -1.80 0.00	24.85 -1.68 0.00	23.74 -1.69 0.00	33.51 -2.55 0.00	28.60 -1.84 0.00	20.68 -0.89 0.00
SYRACUSE___ENERGY_ST1 323597	21.23 -0.04 0.00	18.68 -0.05 0.00	19.22 -0.04 0.00	20.16 -0.06 0.00	21.03 -0.12 0.00	19.27 -0.25 0.00	17.94 -0.27 0.00	17.48 -0.27 0.00	18.32 -0.28 0.00	19.14 -0.20 0.00	18.36 -0.15 0.00	19.57 -0.23 0.00	19.66 -0.23 0.00	19.48 -0.21 0.00	19.54 -0.19 0.00	22.47 -0.23 0.00	27.37 -0.32 0.00	30.83 -0.27 0.00	26.34 -0.20 0.00	25.22 -0.21 0.00	35.65 -0.41 0.00	30.09 -0.35 0.00	21.45 -0.12 0.00

SYRACUSE___ENERGY_ST2 323598	21.23 -0.04 0.00	18.68 -0.05 0.00	19.22 -0.04 0.00	20.16 -0.06 0.00	21.03 -0.12 0.00	19.27 -0.25 0.00	17.94 -0.27 0.00	17.48 -0.27 0.00	18.32 -0.28 0.00	19.14 -0.20 0.00	18.36 -0.15 0.00	19.57 -0.23 0.00	19.66 -0.23 0.00	19.48 -0.21 0.00	19.54 -0.19 0.00	22.47 -0.23 0.00	27.37 -0.32 0.00	30.83 -0.27 0.00	26.34 -0.20 0.00	25.22 -0.21 0.00	35.65 -0.41 0.00	30.09 -0.35 0.00	21.45 -0.12 0.00
SYRACUSE___POWER 24017	21.21 -0.06 0.00	18.66 -0.07 0.00	19.19 -0.07 0.00	20.12 -0.10 0.00	20.99 -0.16 0.00	19.25 -0.28 0.00	17.93 -0.28 0.00	17.46 -0.29 0.00	18.31 -0.29 0.00	19.12 -0.22 0.00	18.34 -0.17 0.00	19.54 -0.27 0.00	19.63 -0.25 0.00	19.46 -0.22 0.00	19.53 -0.21 0.00	22.46 -0.24 0.00	27.34 -0.35 0.00	30.78 -0.31 0.00	26.30 -0.24 0.00	25.17 -0.25 0.00	35.60 -0.47 0.00	30.07 -0.36 0.00	21.44 -0.12 0.00
TALLMAN__138KV_BK151 55660	21.89 0.62 0.00	19.23 0.51 0.00	19.70 0.43 0.00	20.58 0.36 0.00	21.49 0.34 0.00	19.98 0.45 0.00	18.75 0.54 0.00	18.31 0.56 0.00	19.11 0.51 0.00	20.10 0.77 0.00	19.21 0.69 0.00	20.48 0.68 0.00	20.64 0.76 0.00	20.46 0.77 0.00	20.51 0.78 0.00	23.60 0.90 0.00	28.83 1.15 0.00	32.74 1.64 0.00	28.15 1.61 0.00	26.94 1.51 0.00	37.84 1.77 0.00	31.87 1.43 0.00	22.62 1.05 0.00
TEALLAVE_115KV_TB7 355573	21.09 -0.18 0.00	18.56 -0.16 0.00	19.10 -0.16 0.00	20.02 -0.20 0.00	20.88 -0.27 0.00	19.15 -0.38 0.00	17.81 -0.40 0.00	17.35 -0.40 0.00	18.19 -0.41 0.00	18.99 -0.34 0.00	18.22 -0.29 0.00	19.41 -0.39 0.00	19.50 -0.38 0.00	19.34 -0.35 0.00	19.40 -0.33 0.00	22.30 -0.40 0.00	27.13 -0.55 0.00	30.54 -0.56 0.00	26.08 -0.46 0.00	24.97 -0.46 0.00	35.32 -0.75 0.00	29.87 -0.57 0.00	21.30 -0.28 0.00
TELGRAPH_34_KV_EAST 80808	20.15 -1.12 0.00	17.86 -0.86 0.00	18.39 -0.87 0.00	19.28 -0.94 0.00	20.15 -1.01 0.00	18.43 -1.10 0.00	16.94 -1.27 0.00	16.28 -1.47 0.00	17.20 -1.40 0.00	17.74 -1.59 0.00	17.10 -1.42 0.00	18.13 -1.67 0.00	18.19 -1.69 0.00	18.07 -1.61 0.00	18.13 -1.61 0.00	20.96 -1.74 0.00	25.31 -2.37 0.00	28.57 -2.53 0.00	24.18 -2.36 0.00	23.09 -2.33 0.00	32.66 -3.40 0.00	27.90 -2.54 0.00	20.24 -1.33 0.00
TEMPLE___115KV_TB 2 55572	21.11 -0.17 0.00	18.57 -0.15 0.00	19.11 -0.15 0.00	20.03 -0.19 0.00	20.89 -0.26 0.00	19.16 -0.38 0.00	17.83 -0.39 0.00	17.36 -0.40 0.00	18.20 -0.40 0.00	19.00 -0.34 0.00	18.23 -0.28 0.00	19.43 -0.38 0.00	19.51 -0.37 0.00	19.35 -0.33 0.00	19.41 -0.32 0.00	22.32 -0.38 0.00	27.15 -0.53 0.00	30.57 -0.53 0.00	26.11 -0.44 0.00	24.99 -0.44 0.00	35.34 -0.73 0.00	29.89 -0.55 0.00	21.32 -0.25 0.00
TIANA____69_KV_BK 1 55817	22.19 0.91 0.00	19.50 0.77 0.00	20.00 0.73 0.00	20.78 0.56 0.00	21.92 0.77 0.00	20.66 1.13 0.00	19.21 1.00 0.00	18.55 0.80 0.00	19.15 0.55 0.00	20.15 0.81 0.00	19.13 0.61 0.00	20.27 0.47 0.00	20.35 0.47 0.00	20.40 0.71 0.00	20.59 0.86 0.00	24.06 1.13 -0.23	29.27 1.56 -0.03	33.29 2.19 0.00	28.50 1.96 0.00	27.37 1.89 -0.05	38.04 1.97 0.00	31.82 1.39 0.00	22.70 1.14 0.00
TILDEN___115KV_TB1 80814	21.21 -0.06 0.00	18.66 -0.07 0.00	19.19 -0.07 0.00	20.12 -0.10 0.00	20.99 -0.16 0.00	19.25 -0.28 0.00	17.93 -0.28 0.00	17.46 -0.29 0.00	18.31 -0.29 0.00	19.12 -0.22 0.00	18.34 -0.17 0.00	19.54 -0.27 0.00	19.63 -0.25 0.00	19.46 -0.22 0.00	19.53 -0.21 0.00	22.46 -0.24 0.00	27.34 -0.35 0.00	30.78 -0.31 0.00	26.30 -0.24 0.00	25.17 -0.25 0.00	35.60 -0.47 0.00	30.07 -0.36 0.00	21.44 -0.12 0.00
TRIGEN___CC 323695	22.11 0.85 0.00	19.43 0.71 0.00	19.88 0.62 0.00	20.72 0.50 0.00	21.67 0.51 0.00	20.22 0.68 0.00	18.91 0.69 0.00	18.42 0.67 0.00	19.19 0.59 0.00	20.23 0.90 0.00	19.28 0.77 0.00	20.58 0.77 0.00	20.74 0.86 0.00	20.65 0.97 0.00	20.78 1.04 0.00	25.57 1.25 -1.63	29.46 1.59 -0.18	33.23 2.14 0.00	28.52 1.98 0.00	27.71 1.92 -0.36	38.21 2.14 0.00	32.05 1.62 0.00	22.82 1.25 0.00
TRINITY__115KV__ 4 BK 55933	21.73 0.45 0.00	19.10 0.38 0.00	19.63 0.37 0.00	20.58 0.36 0.00	21.43 0.28 0.00	19.87 0.34 0.00	18.55 0.33 0.00	18.14 0.39 0.00	18.95 0.35 0.00	19.84 0.50 0.00	18.97 0.46 0.00	20.23 0.43 0.00	20.37 0.49 0.00	20.19 0.51 0.00	20.21 0.47 0.00	23.25 0.55 0.00	28.50 0.81 0.00	32.23 1.13 0.00	27.56 1.02 0.00	26.35 0.92 0.00	37.14 1.07 0.00	31.21 0.77 0.00	22.18 0.61 0.00
UNION___PROCESSING_DRP 323587	20.52 -0.75 0.00	18.13 -0.59 0.00	18.67 -0.60 0.00	19.57 -0.65 0.00	20.44 -0.71 0.00	18.75 -0.79 0.00	17.33 -0.88 0.00	16.76 -0.99 0.00	17.65 -0.95 0.00	18.32 -1.01 0.00	17.60 -0.91 0.00	18.71 -1.10 0.00	18.79 -1.09 0.00	18.66 -1.03 0.00	18.71 -1.02 0.00	21.61 -1.09 0.00	26.19 -1.49 0.00	29.55 -1.55 0.00	25.12 -1.42 0.00	24.00 -1.42 0.00	33.95 -2.12 0.00	28.82 -1.62 0.00	20.71 -0.86 0.00
UPPER HUDSON___HYD 24058	21.94 0.66 0.00	19.29 0.56 0.00	19.84 0.58 0.00	20.80 0.58 0.00	21.62 0.46 0.00	20.13 0.60 0.00	18.84 0.62 0.00	18.53 0.78 0.00	19.38 0.78 0.00	20.16 0.83 0.00	19.18 0.67 0.00	20.48 0.68 0.00	20.62 0.74 0.00	20.44 0.75 0.00	20.47 0.74 0.00	23.61 0.91 0.00	29.09 1.40 0.00	33.00 1.90 0.00	28.14 1.60 0.00	26.85 1.43 0.00	37.74 1.67 0.00	31.63 1.19 0.00	22.41 0.84 0.00
UPPER RAQUET___HYD 24056	20.66 -0.61 0.00	18.19 -0.53 0.00	18.84 -0.42 0.00	19.93 -0.29 0.00	21.05 -0.11 0.00	19.57 0.03 0.00	18.24 0.03 0.00	17.72 -0.03 0.00	18.67 0.06 0.00	19.15 -0.18 0.00	18.33 -0.19 0.00	19.68 -0.12 0.00	19.60 -0.28 0.00	20.30 -0.38 -1.00	25.06 -0.36 -5.69	23.41 -0.38 -1.09	32.63 -0.67 -5.61	36.72 -0.99 -6.62	32.80 -0.95 -7.21	31.54 -0.94 -7.05	43.78 -0.96 -8.67	37.69 -0.59 -7.85	27.50 -0.56 -6.49
VALLEY44_115KV_TB2 355964	21.08 -0.19 0.00	18.55 -0.17 0.00	19.18 -0.09 0.00	20.06 -0.16 0.00	20.95 -0.21 0.00	19.24 -0.29 0.00	17.78 -0.43 0.00	17.11 -0.64 0.00	17.94 -0.66 0.00	18.66 -0.67 0.00	17.98 -0.53 0.00	19.19 -0.62 0.00	19.33 -0.55 0.00	19.14 -0.55 0.00	19.20 -0.54 0.00	22.14 -0.56 0.00	26.56 -1.13 0.00	30.01 -1.09 0.00	25.50 -1.05 0.00	24.45 -0.98 0.00	34.60 -1.47 0.00	29.67 -0.77 0.00	21.46 -0.11 0.00
VALLEY___115KV_TB 1-4 80826	20.96 -0.31 0.00	18.59 -0.13 0.00	19.01 -0.25 0.00	19.97 -0.25 0.00	20.91 -0.24 0.00	19.36 -0.17 0.00	18.04 -0.17 0.00	17.58 -0.17 0.00	18.40 -0.20 0.00	19.18 -0.15 0.00	18.34 -0.18 0.00	19.59 -0.22 0.00	19.66 -0.22 0.00	19.49 -0.20 0.00	19.49 -0.24 0.00	22.43 -0.28 0.00	27.50 -0.19 0.00	31.12 0.03 0.00	26.71 0.17 0.00	25.57 0.14 0.00	35.99 -0.07 0.00	30.17 -0.26 0.00	21.38 -0.18 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.01 0.73 0.00	19.35 0.63 0.00	19.85 0.59 0.00	20.81 0.59 0.00	21.74 0.59 0.00	20.06 0.53 0.00	18.76 0.54 0.00	18.31 0.55 0.00	19.18 0.58 0.00	20.05 0.72 0.00	19.18 0.67 0.00	20.46 0.66 0.00	20.54 0.66 0.00	20.33 0.64 0.00	20.39 0.66 0.00	23.47 0.76 0.00	28.60 0.91 0.00	32.29 1.20 0.00	27.67 1.13 0.00	26.49 1.06 0.00	37.36 1.29 0.00	31.50 1.06 0.00	22.39 0.82 0.00
VISCHER___FERRY HYD 24020	21.64 0.37 0.00	19.03 0.31 0.00	19.57 0.31 0.00	20.52 0.31 0.00	21.34 0.18 0.00	19.81 0.28 0.00	18.51 0.30 0.00	18.12 0.36 0.00	18.93 0.33 0.00	19.77 0.44 0.00	18.90 0.39 0.00	20.15 0.34 0.00	20.28 0.40 0.00	20.11 0.42 0.00	20.11 0.38 0.00	23.15 0.45 0.00	28.46 0.77 0.00	32.21 1.11 0.00	27.52 0.98 0.00	26.30 0.87 0.00	37.04 0.98 0.00	31.11 0.67 0.00	22.08 0.51 0.00
V_A_10_SYNC_DSASP 323832	19.95 -1.32 0.00	17.65 -1.08 0.00	18.19 -1.08 0.00	19.08 -1.14 0.00	19.93 -1.22 0.00	18.26 -1.27 0.00	16.82 -1.40 0.00	16.19 -1.56 0.00	17.08 -1.52 0.00	17.67 -1.67 0.00	16.99 -1.52 0.00	18.02 -1.78 0.00	18.09 -1.79 0.00	17.97 -1.71 0.00	18.02 -1.72 0.00	20.79 -1.92 0.00	25.10 -2.58 0.00	28.33 -2.77 0.00	24.01 -2.53 0.00	22.95 -2.48 0.00	32.49 -3.58 0.00	27.73 -2.71 0.00	20.06 -1.51 0.00
V_CMM_10_SYNC_DSASP 323787	21.17 -0.10 0.00	18.65 -0.07 0.00	19.24 -0.02 0.00	20.28 0.06 0.00	21.35 0.20 0.00	19.79 0.25 0.00	18.44 0.23 0.00	17.93 0.18 0.00	18.86 0.26 0.00	19.39 0.06 0.00	18.56 0.05 0.00	19.94 0.14 0.00	19.93 0.05 0.00	19.69 0.00 0.00	19.73 0.00 0.00	22.72 0.02 0.00	27.60 -0.09 0.00	30.75 -0.35 0.00	26.13 -0.41 0.00	25.03 -0.39 0.00	35.83 -0.23 0.00	30.36 -0.07 0.00	21.41 -0.16 0.00
V_CMP_10_SYNC_DSASP 323788	21.06 -0.21 0.00	18.36 -0.36 0.00	19.25 -0.01 0.00	20.59 0.37 0.00	21.79 0.64 0.00	20.30 0.76 0.00	19.06 0.84 0.00	18.59 0.83 0.00	19.52 0.92 0.00	20.05 0.71 0.00	19.08 0.57 0.00	20.33 0.52 0.00	19.90 0.01 0.00	12.80 -0.44 6.46	-17.65 -0.51 36.88	15.11 -0.50 7.09	-9.42 -0.73 36.37	-12.81 -1.03 42.88	-21.19 -1.00 46.73	-21.17 -0.94 45.66	-21.21 -1.07 56.21	-21.23 -0.81 50.86	-21.19 -0.68 42.07
V_D_10_SYNC_DSASP 323841	21.23 -0.04 0.00	18.70 -0.02 0.00	19.30 0.04 0.00	20.35 0.13 0.00	21.44 0.29 0.00	19.93 0.40 0.00	18.57 0.36 0.00	18.06 0.30 0.00	18.99 0.39 0.00	19.51 0.18 0.00	18.67 0.16 0.00	20.07 0.26 0.00	20.05 0.17 0.00	19.96 0.10 -0.17	20.82 0.11 -0.98	23.05 0.16 -0.19	28.65 -0.01 -0.97	31.99 -0.25 -1.14	27.46 -0.32 -1.24	26.32 -0.32 -1.21	37.44 -0.12 -1.50	31.90 0.11 -1.35	22.66 -0.03 -1.12
V_E_10_SYNC_DSASP 323830	22.91 1.64 0.00	20.15 1.43 0.00	20.71 1.45 0.00	21.67 1.45 0.00	22.50 1.35 0.00	20.34 0.81 0.00	19.10 0.89 0.00	18.59 0.84 0.00	19.61 1.01 0.00	20.57 1.24 0.00	19.59 1.07 0.00	20.75 0.94 0.00	20.70 0.82 0.00	20.47 0.78 0.00	20.54 0.81 0.00	23.64 0.94 0.00	28.86 1.17 0.00	32.71 1.62 0.00	28.09 1.55 0.00	26.86 1.43 0.00	37.77 1.70 0.00	31.85 1.41 0.00	22.70 1.14 0.00
V_F_30_NSYNC___DSASP 323816	21.92 0.65 0.00	19.28 0.56 0.00	19.83 0.57 0.00	20.81 0.59 0.00	21.65 0.49 0.00	20.10 0.57 0.00	18.78 0.57 0.00	18.40 0.65 0.00	19.23 0.63 0.00	20.06 0.73 0.00	19.15 0.64 0.00	20.46 0.65 0.00	20.56 0.69 0.00	20.39 0.71 0.00	20.42 0.69 0.00	23.53 0.83 0.00	28.91 1.22 0.00	32.72 1.62 0.00	27.97 1.43 0.00	26.71 1.28 0.00	37.61 1.54 0.00	31.57 1.13 0.00	22.39 0.83 0.00
V_F_30_SYNC_DSASP 323786	21.83 0.56 0.00	19.19 0.47 0.00	19.72 0.46 0.00	20.68 0.46 0.00	21.53 0.38 0.00	19.97 0.44 0.00	18.64 0.42 0.00	18.23 0.47 0.00	19.05 0.45 0.00	19.94 0.60 0.00	19.08 0.56 0.00	20.34 0.54 0.00	20.49 0.61 0.00	20.30 0.62 0.00	20.32 0.59 0.00	23.38 0.68 0.00	28.66 0.98 0.00	32.42 1.32 0.00	27.72 1.18 0.00	26.50 1.07 0.00	37.34 1.28 0.00	31.38 0.94 0.00	22.29 0.72 0.00
V_XM_10_SYNC_DSASP 323789	21.06 -0.21 0.00	18.36 -0.36 0.00	19.25 -0.01 0.00	20.59 0.37 0.00	21.79 0.64 0.00	20.30 0.76 0.00	19.06 0.84 0.00	18.59 0.83 0.00	19.52 0.92 0.00	20.05 0.71 0.00	19.08 0.57 0.00	20.33 0.52 0.00	19.90 0.01 0.00	12.80 -0.44 6.46	-17.65 -0.51 36.88	15.11 -0.50 7.09	-9.42 -0.73 36.37	-12.81 -1.03 42.88	-21.19 -1.00 46.73	-21.17 -0.94 45.66	-21.21 -1.07 56.21	-21.23 -0.81 50.86	-21.19 -0.68 42.07
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.95 0.68 0.00	19.29 0.57 0.00	19.76 0.50 0.00	20.64 0.43 0.00	21.55 0.40 0.00	20.04 0.51 0.00	18.81 0.59 0.00	18.36 0.61 0.00	19.17 0.57 0.00	20.16 0.83 0.00	19.26 0.75 0.00	20.55 0.74 0.00	20.70 0.82 0.00	20.52 0.84 0.00	20.58 0.84 0.00	23.68 0.98 0.00	28.93 1.24 0.00	32.85 1.75 0.00	28.24 1.71 0.00	27.03 1.61 0.00	37.96 1.89 0.00	31.96 1.53 0.00	22.68 1.12 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.91 0.64 0.00	19.26 0.54 0.00	19.71 0.45 0.00	20.59 0.37 0.00	21.47 0.32 0.00	19.99 0.45 0.00	18.78 0.57 0.00	18.35 0.60 0.00	19.16 0.56 0.00	20.16 0.83 0.00	19.28 0.76 0.00	20.56 0.75 0.00	20.69 0.81 0.00	20.54 0.85 0.00	20.59 0.86 0.00	23.68 0.98 0.00	28.91 1.23 0.00	32.82 1.72 0.00	28.27 1.73 0.00	27.06 1.64 0.00	37.97 1.90 0.00	31.98 1.55 0.00	22.67 1.10 0.00
W50THST__13_KV_LOAD 356117	22.03 0.76 0.00	19.37 0.64 0.00	19.81 0.55 0.00	20.69 0.47 0.00	21.59 0.43 0.00	20.09 0.56 0.00	18.89 0.67 0.00	18.46 0.71 0.00	19.27 0.67 0.00	20.28 0.95 0.00	19.40 0.88 0.00	20.68 0.88 0.00	20.82 0.94 0.00	20.67 0.99 0.00	20.73 0.99 0.00	23.83 1.13 0.00	29.08 1.40 0.00	33.02 1.93 0.00	28.45 1.90 0.00	27.24 1.81 0.00	38.20 2.13 0.00	32.17 1.74 0.00	22.80 1.23 0.00
WADING RIVER_IC_1 23522	21.95 0.68 0.00	19.31 0.59 0.00	19.82 0.56 0.00	20.58 0.36 0.00	21.75 0.60 0.00	20.54 1.01 0.00	19.09 0.88 0.00	18.39 0.64 0.00	18.96 0.36 0.00	19.94 0.61 0.00	18.93 0.42 0.00	20.09 0.28 0.00	20.20 0.31 0.00	20.24 0.55 0.00	20.43 0.70 0.00	23.87 0.94 -0.23	29.02 1.31 -0.03	33.03 1.93 0.00	28.23 1.69 0.00	27.12 1.64 -0.05	37.69 1.62 0.00	31.54 1.11 0.00	22.51 0.94 0.00
WADING RIVER_IC_2 23547	21.95 0.68 0.00	19.31 0.59 0.00	19.82 0.56 0.00	20.58 0.36 0.00	21.75 0.60 0.00	20.54 1.01 0.00	19.09 0.88 0.00	18.39 0.64 0.00	18.96 0.36 0.00	19.94 0.61 0.00	18.93 0.42 0.00	20.09 0.28 0.00	20.20 0.31 0.00	20.24 0.55 0.00	20.43 0.70 0.00	23.87 0.94 -0.23	29.02 1.31 -0.03	33.03 1.93 0.00	28.23 1.69 0.00	27.12 1.64 -0.05	37.69 1.62 0.00	31.54 1.11 0.00	22.51 0.94 0.00



WADING RIVER_IC_3 23601	21.95 0.68 0.00	19.31 0.59 0.00	19.82 0.56 0.00	20.58 0.36 0.00	21.75 0.60 0.00	20.54 1.01 0.00	19.09 0.88 0.00	18.39 0.64 0.00	18.96 0.36 0.00	19.94 0.61 0.00	18.93 0.42 0.00	20.09 0.28 0.00	20.20 0.31 0.00	20.24 0.55 0.00	20.43 0.70 0.00	23.87 0.94 -0.23	29.02 1.31 -0.03	33.03 1.93 0.00	28.23 1.69 0.00	27.12 1.64 -0.05	37.69 1.62 0.00	31.54 1.11 0.00	22.51 0.94 0.00
WALDENNY_I2_KV_BK2 80841	20.32 -0.96 0.00	17.99 -0.73 0.00	18.52 -0.73 0.00	19.40 -0.82 0.00	20.27 -0.88 0.00	18.55 -0.98 0.00	17.05 -1.16 0.00	16.39 -1.36 0.00	17.28 -1.32 0.00	17.83 -1.51 0.00	17.17 -1.34 0.00	18.21 -1.59 0.00	18.28 -1.60 0.00	18.17 -1.52 0.00	18.21 -1.53 0.00	21.02 -1.69 0.00	25.34 -2.34 0.00	28.58 -2.52 0.00	24.18 -2.36 0.00	23.14 -2.28 0.00	32.70 -3.37 0.00	27.95 -2.48 0.00	20.30 -1.27 0.00
WALDEN___HYDRO 24148	21.98 0.71 0.00	19.31 0.58 0.00	19.78 0.52 0.00	20.68 0.47 0.00	21.59 0.43 0.00	20.06 0.53 0.00	18.81 0.59 0.00	18.37 0.62 0.00	19.16 0.55 0.00	20.08 0.75 0.00	19.22 0.71 0.00	20.49 0.69 0.00	20.67 0.79 0.00	20.44 0.75 0.00	20.53 0.80 0.00	23.69 0.99 0.00	28.95 1.27 0.00	32.87 1.77 0.00	28.26 1.72 0.00	27.04 1.61 0.00	37.98 1.92 0.00	31.95 1.51 0.00	22.66 1.09 0.00
WARRENSBURG____ 23737	21.94 0.66 0.00	19.29 0.56 0.00	19.84 0.58 0.00	20.80 0.58 0.00	21.62 0.46 0.00	20.13 0.60 0.00	18.84 0.62 0.00	18.53 0.78 0.00	19.38 0.78 0.00	20.16 0.83 0.00	19.18 0.67 0.00	20.48 0.68 0.00	20.62 0.74 0.00	20.44 0.75 0.00	20.47 0.74 0.00	23.61 0.91 0.00	29.09 1.40 0.00	33.00 1.90 0.00	28.14 1.60 0.00	26.85 1.43 0.00	37.74 1.67 0.00	31.63 1.19 0.00	22.41 0.84 0.00
WATERSIDE___6 8 9 23538	21.87 0.60 0.00	19.24 0.52 0.00	19.67 0.40 0.00	20.55 0.33 0.00	21.44 0.29 0.00	19.95 0.42 0.00	18.75 0.54 0.00	18.33 0.57 0.00	19.13 0.52 0.00	20.14 0.81 0.00	19.24 0.72 0.00	20.52 0.72 0.00	20.66 0.78 0.00	20.51 0.82 0.00	20.56 0.82 0.00	23.64 0.94 0.00	28.85 1.17 0.00	32.76 1.67 0.00	28.23 1.70 0.00	27.03 1.60 0.00	37.87 1.81 0.00	31.89 1.45 0.00	22.63 1.06 0.00
WATKINRD_115KV_LN8_IL 55919	21.18 -0.09 0.00	18.68 -0.04 0.00	19.17 -0.10 0.00	20.11 -0.11 0.00	21.00 -0.15 0.00	19.43 -0.10 0.00	18.15 -0.07 0.00	17.71 -0.04 0.00	18.54 -0.06 0.00	19.35 0.01 0.00	18.49 -0.02 0.00	19.77 -0.04 0.00	19.85 -0.03 0.00	19.68 -0.01 0.00	19.70 -0.03 0.00	22.67 -0.03 0.00	27.77 0.09 0.00	31.39 0.29 0.00	26.89 0.34 0.00	25.74 0.32 0.00	36.29 0.23 0.00	30.48 0.04 0.00	21.60 0.03 0.00
WATSON___69_KV_BK 1 55734	22.37 1.10 0.00	19.65 0.93 0.00	20.12 0.86 0.00	20.92 0.70 0.00	21.95 0.80 0.00	20.56 1.03 0.00	19.17 0.95 0.00	18.59 0.83 0.00	19.30 0.70 0.00	20.36 1.03 0.00	19.37 0.85 0.00	20.61 0.80 0.00	20.81 0.93 0.00	20.75 1.07 0.00	20.98 1.25 0.00	24.59 1.58 -0.31	29.75 2.03 -0.03	33.72 2.62 0.00	28.89 2.35 0.00	27.79 2.29 -0.07	38.61 2.55 0.00	32.32 1.88 0.00	23.07 1.50 0.00
WDELAWARE___HYD 323627	22.25 0.98 0.00	19.55 0.83 0.00	20.02 0.76 0.00	20.93 0.71 0.00	21.85 0.70 0.00	20.30 0.76 0.00	19.03 0.82 0.00	18.58 0.84 0.00	19.41 0.81 0.00	20.34 1.00 0.00	19.45 0.94 0.00	20.72 0.91 0.00	20.87 0.99 0.00	20.64 0.95 0.00	20.75 1.01 0.00	23.96 1.26 0.00	29.23 1.54 0.00	33.13 2.03 0.00	28.54 2.00 0.00	27.34 1.91 0.00	38.39 2.32 0.00	32.28 1.85 0.00	22.90 1.33 0.00
WEST BABYLON___IC 23714	22.35 1.08 0.00	19.63 0.91 0.00	20.09 0.83 0.00	20.91 0.69 0.00	21.91 0.76 0.00	20.49 0.95 0.00	19.11 0.90 0.00	18.56 0.81 0.00	19.31 0.71 0.00	20.35 1.02 0.00	19.36 0.85 0.00	20.62 0.82 0.00	20.84 0.97 0.00	20.75 1.07 0.00	20.98 1.25 0.00	24.76 1.56 -0.50	29.73 1.98 -0.06	33.67 2.57 0.00	28.86 2.32 0.00	27.80 2.26 -0.11	38.59 2.53 0.00	32.32 1.88 0.00	23.06 1.49 0.00
WEST CANADA___HYD 24049	21.31 0.03 0.00	18.75 0.03 0.00	19.28 0.02 0.00	20.23 0.01 0.00	21.13 -0.02 0.00	19.52 -0.02 0.00	18.21 -0.01 0.00	17.76 0.00 0.00	18.59 -0.01 0.00	19.37 0.04 0.00	18.55 0.04 0.00	19.82 0.01 0.00	19.91 0.03 0.00	19.73 0.04 0.00	19.77 0.04 0.00	22.74 0.04 0.00	27.77 0.09 0.00	31.29 0.19 0.00	26.73 0.19 0.00	25.60 0.17 0.00	36.21 0.15 0.00	30.52 0.08 0.00	21.64 0.07 0.00
WESTERN_NY_WIND 24143	20.46 -0.81 0.00	18.11 -0.61 0.00	18.65 -0.61 0.00	19.55 -0.67 0.00	20.44 -0.71 0.00	18.71 -0.82 0.00	17.23 -0.98 0.00	16.59 -1.16 0.00	17.52 -1.08 0.00	18.07 -1.27 0.00	17.41 -1.11 0.00	18.50 -1.30 0.00	18.56 -1.32 0.00	18.45 -1.24 0.00	18.51 -1.22 0.00	21.40 -1.30 0.00	25.89 -1.80 0.00	29.22 -1.87 0.00	24.78 -1.76 0.00	23.67 -1.76 0.00	33.42 -2.64 0.00	28.51 -1.93 0.00	20.63 -0.94 0.00
WESTOVER___LESR 323668	21.23 -0.04 0.00	18.64 -0.08 0.00	19.19 -0.07 0.00	20.11 -0.11 0.00	21.00 -0.15 0.00	19.31 -0.22 0.00	18.04 -0.17 0.00	17.55 -0.20 0.00	18.39 -0.21 0.00	19.19 -0.15 0.00	18.38 -0.13 0.00	19.58 -0.22 0.00	19.70 -0.18 0.00	19.49 -0.20 0.00	19.59 -0.15 0.00	22.56 -0.13 0.00	27.43 -0.25 0.00	30.97 -0.13 0.00	26.47 -0.07 0.00	25.42 0.00 0.00	35.81 -0.26 0.00	30.25 -0.19 0.00	21.60 0.04 0.00
WETHRSFD_WT_PWR 323626	19.95 -1.32 0.00	17.72 -1.00 0.00	18.22 -1.04 0.00	19.04 -1.18 0.00	19.86 -1.29 0.00	18.10 -1.44 0.00	16.60 -1.61 0.00	16.03 -1.73 0.00	16.78 -1.82 0.00	17.30 -2.03 0.00	16.66 -1.85 0.00	17.66 -2.15 0.00	17.74 -2.14 0.00	17.63 -2.05 0.00	17.62 -2.11 0.00	20.33 -2.37 0.00	24.50 -3.19 0.00	27.52 -3.58 0.00	23.30 -3.24 0.00	22.27 -3.16 0.00	31.50 -4.57 0.00	26.97 -3.46 0.00	19.56 -2.00 0.00
WHAVSTOR_138KV_BK127 55557	21.86 0.59 0.00	19.21 0.49 0.00	19.68 0.42 0.00	20.56 0.34 0.00	21.47 0.31 0.00	19.96 0.43 0.00	18.73 0.52 0.00	18.29 0.54 0.00	19.09 0.49 0.00	20.08 0.74 0.00	19.18 0.67 0.00	20.46 0.65 0.00	20.61 0.73 0.00	20.43 0.75 0.00	20.49 0.76 0.00	23.57 0.87 0.00	28.79 1.11 0.00	32.69 1.59 0.00	28.11 1.57 0.00	26.91 1.48 0.00	37.78 1.72 0.00	31.82 1.39 0.00	22.59 1.02 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.86 0.59 0.00	19.21 0.49 0.00	19.68 0.42 0.00	20.56 0.34 0.00	21.47 0.31 0.00	19.96 0.43 0.00	18.73 0.52 0.00	18.29 0.54 0.00	19.09 0.49 0.00	20.08 0.74 0.00	19.18 0.67 0.00	20.46 0.65 0.00	20.61 0.73 0.00	20.43 0.75 0.00	20.49 0.76 0.00	23.57 0.87 0.00	28.79 1.11 0.00	32.69 1.59 0.00	28.11 1.57 0.00	26.91 1.48 0.00	37.78 1.72 0.00	31.82 1.39 0.00	22.59 1.02 0.00

WHITEHAL_115KV_TB1 80871	22.23 0.96 0.00	19.58 0.86 0.00	20.21 0.95 0.00	21.17 0.95 0.00	21.81 0.65 0.00	20.38 0.85 0.00	19.12 0.91 0.00	18.86 1.11 0.00	19.72 1.12 0.00	20.51 1.18 0.00	19.35 0.84 0.00	20.65 0.84 0.00	20.85 0.97 0.00	20.68 0.99 0.00	20.72 0.99 0.00	23.97 1.27 0.00	29.80 2.11 0.00	34.04 2.94 0.00	28.75 2.21 0.00	27.39 1.96 0.00	38.19 2.12 0.00	31.95 1.51 0.00	22.66 1.09 0.00
WHITEPLN_13_KV_LOAD 356215	22.08 0.81 0.00	19.40 0.68 0.00	19.87 0.61 0.00	20.76 0.54 0.00	21.66 0.51 0.00	20.16 0.62 0.00	18.91 0.70 0.00	18.47 0.72 0.00	19.28 0.68 0.00	20.27 0.93 0.00	19.37 0.86 0.00	20.66 0.86 0.00	20.82 0.94 0.00	20.66 0.98 0.00	20.73 0.99 0.00	23.85 1.15 0.00	29.15 1.47 0.00	33.10 2.00 0.00	28.47 1.93 0.00	27.24 1.82 0.00	38.22 2.15 0.00	32.15 1.71 0.00	22.81 1.25 0.00
WM_FLOYD_69_KV_BK2 356380	22.11 0.84 0.00	19.43 0.72 0.00	19.92 0.66 0.00	20.70 0.49 0.00	21.81 0.66 0.00	20.52 0.99 0.00	19.10 0.89 0.00	18.46 0.71 0.00	19.09 0.49 0.00	20.11 0.78 0.00	19.09 0.58 0.00	20.25 0.45 0.00	20.37 0.50 0.00	20.44 0.75 0.00	20.62 0.88 0.00	24.09 1.16 -0.23	29.30 1.59 -0.03	33.28 2.18 0.00	28.48 1.94 0.00	27.37 1.89 -0.05	38.03 1.96 0.00	31.83 1.39 0.00	22.71 1.15 0.00
WOODARD__115KV_TB2 355635	21.06 -0.21 0.00	18.53 -0.19 0.00	19.07 -0.19 0.00	19.99 -0.23 0.00	20.86 -0.30 0.00	19.13 -0.41 0.00	17.79 -0.42 0.00	17.32 -0.43 0.00	18.17 -0.43 0.00	18.97 -0.37 0.00	18.20 -0.32 0.00	19.39 -0.42 0.00	19.48 -0.40 0.00	19.31 -0.37 0.00	19.37 -0.36 0.00	22.27 -0.43 0.00	27.11 -0.57 0.00	30.52 -0.58 0.00	26.07 -0.47 0.00	24.96 -0.47 0.00	35.28 -0.79 0.00	29.82 -0.61 0.00	21.26 -0.31 0.00
YORK__WARBASSE 23770	21.97 0.70 0.00	19.31 0.59 0.00	19.73 0.47 0.00	20.62 0.40 0.00	21.52 0.37 0.00	20.03 0.50 0.00	18.82 0.61 0.00	18.41 0.66 0.00	19.21 0.60 0.00	20.23 0.90 0.00	19.32 0.81 0.00	20.63 0.82 0.00	20.76 0.88 0.00	20.60 0.91 0.00	20.66 0.92 0.00	23.76 1.06 0.00	28.97 1.28 0.00	32.91 1.81 0.00	28.36 1.82 0.00	27.17 1.74 0.00	38.06 2.00 0.00	32.05 1.62 0.00	22.74 1.17 0.00