

# Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$															--- Marginal Cost of Losses										--- Marginal Cost of Congestion										09/01/2025	
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00													
59TH STREET_GT_1	24138	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT													
		26.95	24.95	22.54	21.80	20.99	22.65	24.29	24.12	20.55	18.56	19.77	20.33	22.24	24.11	25.39	29.55	34.64	45.42	50.83	51.44	46.14	41.54	35.00	29.57													
		0.94	0.80	0.68	0.59	0.55	0.51	0.71	0.86	1.02	1.02	1.15	1.29	1.47	1.54	1.73	1.93	2.18	2.61	2.56	2.31	2.16	2.05	1.51	1.11													
		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	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00													
74TH STREET_GT_1	24260	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT													
		26.95	24.95	22.57	21.80	21.01	22.63	24.26	24.10	20.53	18.54	19.75	20.32	22.22	24.09	25.37	29.50	34.61	45.38	50.78	51.39	46.09	41.54	35.00	29.60													
		0.94	0.80	0.70	0.59	0.57	0.49	0.68	0.84	1.00	1.00	1.14	1.28	1.45	1.51	1.70	1.88	2.14	2.57	2.51	2.26	2.11	2.05	1.51	1.14													
		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	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00													
74TH STREET_GT_2	24261	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT													
		26.95	24.95	22.57	21.80	21.01	22.63	24.26	24.10	20.53	18.54	19.75	20.32	22.22	24.09	25.37	29.50	34.61	45.38	50.78	51.39	46.09	41.54	35.00	29.60													
		0.94	0.80	0.70	0.59	0.57	0.49	0.68	0.84	1.00	1.00	1.14	1.28	1.45	1.51	1.70	1.88	2.14	2.57	2.51	2.26	2.11	2.05	1.51	1.14													
		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	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00													
ADK HUDSON___FALLS	24011	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT													
		27.29	25.33	23.00	22.28	21.44	23.29	24.78	24.42	20.37	18.19	19.12	19.50	21.22	23.12	24.30	28.37	33.77	45.08	51.02	52.03	46.58	41.70	35.30	29.82													
		1.27	1.18	1.14	1.08	1.00	1.15	1.20	1.16	0.84	0.65	0.50	0.46	0.46	0.54	0.64	0.83	1.30	2.27	2.75	2.90	2.60	2.21	1.81	1.37													
		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	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00													
ADK RESOURCE___RCVRY	23798	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT													
		27.39	25.45	23.11	22.39	21.50	23.40	24.90	24.54	20.43	18.24	19.15	19.53	21.25	23.16	24.35	28.45	33.86	45.29	51.26	52.33	46.84	41.98	35.50	29.96													
		1.38	1.30	1.25	1.19	1.06	1.26	1.32	1.28	0.90	0.70	0.54	0.49	0.48	0.59	0.69	0.91	1.40	2.48	2.99	3.19	2.86	2.49	2.01	1.51													
		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	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00													
ADK S GLENS___FALLS	24028	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT													
		27.29	25.33	23.00	22.28	21.44	23.29	24.78	24.42	20.37	18.19	19.12	19.50	21.22	23.12	24.30	28.37	33.77	45.08	51.02	52.03	46.58	41.70	35.30	29.82													
		1.27	1.18	1.14	1.08	1.00	1.15	1.20	1.16	0.84	0.65	0.50	0.46	0.46	0.54	0.64	0.83	1.30	2.27	2.75	2.90	2.60	2.21	1.81	1.37													
		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	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00													
ADK_NYS___DAM	23527	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT													
		26.72	24.80	22.50	21.78	20.97	22.72	24.26	24.05	20.27	18.19	19.28	19.75	21.51	23.39	24.56	28.35	33.63	44.61	50.25	50.71	45.30	40.67	34.23	29.08													
		0.70	0.65	0.63	0.57	0.53	0.57	0.68	0.79	0.74	0.65	0.67	0.70	0.75	0.81	0.90	0.86	1.17	1.80	1.98	1.57	1.32	1.18	0.74	0.63													
		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	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00													
AIR_PRODUCTS___DRP	24190	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT													
		25.91	24.08	21.87	21.16	20.37	22.05	23.51	23.24	19.55	17.56	18.63	19.06	20.79	22.60	23.74	27.52	32.47	42.86	48.22	48.89	43.76	39.33	33.22	28.14													
		-0.10	-0.07	0.00	-0.04	-0.06	-0.09	-0.07	-0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.07	-0.03	0.00	0.04	-0.05	-0.25	-0.22	-0.16	-0.27	-0.31													
		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	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00													
AKWESSNE_115KV_BK	355683	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT													
		26.43	24.58	22.24	21.58	20.82	22.61	24.05	23.68	19.81	17.78	18.87	19.27	21.00	22.87	24.00	27.94	32.89	43.41	49.09	49.87	44.73	40.08	34.03	29.00													
		0.42	0.43	0.37	0.38	0.39	0.46	0.47	0.42	0.27	0.25	0.26	0.23	0.23	0.29	0.33	0.36	0.42	0.60	0.82	0.74	0.75	0.59	0.54	0.54													
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00													
ALBANY_1_SOLAR	323833	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT													
		26.43	24.56	22.28	21.59	20.76	22.50	23.93	23.56	19.69	17.63	18.67	19.08	20.81	22.64	23.81	27.76	32.79	43.46	49.09	49.87	44.68	40.12	33.96	28.80													
		0.41	0.41	0.41	0.38	0.33	0.35	0.35	0.30	0.16	0.09	0.06	0.04	0.04	0.07	0.14	0.19	0.32	0.64	0.82	0.74	0.70	0.63	0.47	0.34													
		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	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00													
ALBANY_2_SOLAR	323834	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT													
		26.43	24.56	22.28	21.59	20.74	22.48	23.93	23.54	19.69	17.63	18.67	19.08	20.81	22.64	23.81	27.76	32.79	43.46	49.09	49.87	44.68	40.12	33.96	28.80													
		0.41	0.41	0.41	0.38	0.31	0.33	0.35	0.28	0.16	0.09	0.06	0.04	0.04	0.07	0.14	0.19	0.32	0.64	0.82	0.74	0.70	0.63	0.47	0.34													
		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	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00													
ALBANY___1	23571	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT													
		25.91	24.08	21.87	21.16	20.37	22.05	23.51	23.24	19.55	17.56	18.63	19.06	20.79	22.60	23.74	27.52	32.47	42.86	48.22	48.89	43.76	39.33	33.22	28.14													
		-0.10	-0.07	0.00	-0.04	-0.06	-0.09	-0.07	-0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.07	-0.03	0.00	0.04	-0.05	-0.25	-0.22	-0.16	-0.27	-0.31													
		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	0.03	0.00	0.00	0.00	0.00	0.00																



ALBANY___2 23572	25.91 -0.10 0.00	24.08 -0.07 0.00	21.87 0.00 0.00	21.16 -0.04 0.00	20.37 -0.06 0.00	22.05 -0.09 0.00	23.51 -0.07 0.00	23.24 -0.02 0.00	19.55 0.02 0.00	17.56 0.02 0.00	18.63 0.02 0.00	19.06 0.02 0.00	20.79 0.02 0.00	22.60 0.02 0.00	23.74 0.07 0.00	27.52 -0.03 0.03	32.47 0.00 0.00	42.86 0.04 0.00	48.22 -0.05 0.00	48.89 -0.25 0.00	43.76 -0.22 0.00	39.33 -0.16 0.00	33.22 -0.27 0.00	28.14 -0.31 0.00
ALBANY___3 23573	25.91 -0.10 0.00	24.08 -0.07 0.00	21.87 0.00 0.00	21.16 -0.04 0.00	20.37 -0.06 0.00	22.05 -0.09 0.00	23.51 -0.07 0.00	23.24 -0.02 0.00	19.55 0.02 0.00	17.56 0.02 0.00	18.63 0.02 0.00	19.06 0.02 0.00	20.79 0.02 0.00	22.60 0.02 0.00	23.74 0.07 0.00	27.52 -0.03 0.03	32.47 0.00 0.00	42.86 0.04 0.00	48.22 -0.05 0.00	48.89 -0.25 0.00	43.76 -0.22 0.00	39.33 -0.16 0.00	33.22 -0.27 0.00	28.14 -0.31 0.00
ALBANY___4 23574	25.91 -0.10 0.00	24.08 -0.07 0.00	21.87 0.00 0.00	21.16 -0.04 0.00	20.37 -0.06 0.00	22.05 -0.09 0.00	23.51 -0.07 0.00	23.24 -0.02 0.00	19.55 0.02 0.00	17.56 0.02 0.00	18.63 0.02 0.00	19.06 0.02 0.00	20.79 0.02 0.00	22.60 0.02 0.00	23.74 0.07 0.00	27.52 -0.03 0.03	32.47 0.00 0.00	42.86 0.04 0.00	48.22 -0.05 0.00	48.89 -0.25 0.00	43.76 -0.22 0.00	39.33 -0.16 0.00	33.22 -0.27 0.00	28.14 -0.31 0.00
ALBANY___LFGE 323615	26.15 0.13 0.00	24.29 0.15 0.00	22.06 0.20 0.00	21.35 0.15 0.00	20.54 0.10 0.00	22.25 0.11 0.00	23.72 0.14 0.00	23.44 0.19 0.00	19.71 0.18 0.00	17.68 0.14 0.00	18.76 0.15 0.00	19.19 0.15 0.00	20.91 0.15 0.00	22.76 0.18 0.00	23.90 0.24 0.00	27.74 0.19 0.03	32.76 0.29 0.00	43.28 0.47 0.00	48.70 0.43 0.00	49.38 0.25 0.00	44.20 0.22 0.00	39.69 0.20 0.00	33.56 0.07 0.00	28.43 -0.03 0.00
ALCOA_PA_115KV_PL-6C 55860	26.67 0.65 0.00	24.80 0.65 0.00	22.43 0.57 0.00	21.78 0.57 0.00	21.01 0.57 0.00	22.83 0.69 0.00	24.26 0.68 0.00	23.86 0.60 0.00	19.96 0.43 0.00	17.91 0.37 0.00	19.00 0.39 0.00	19.38 0.34 0.00	21.12 0.35 0.00	23.03 0.45 0.00	24.16 0.50 0.00	28.13 0.55 0.00	33.12 0.65 0.00	43.71 0.90 0.00	49.47 1.21 0.00	50.26 1.13 0.00	45.13 1.14 0.00	40.40 0.91 0.00	34.33 0.84 0.00	29.28 0.83 0.00
ALCOA_RYNLDS___DRP 24188	26.67 0.65 0.00	24.80 0.65 0.00	22.43 0.57 0.00	21.78 0.57 0.00	21.01 0.57 0.00	22.83 0.69 0.00	24.26 0.68 0.00	23.86 0.60 0.00	19.96 0.43 0.00	17.91 0.37 0.00	19.00 0.39 0.00	19.38 0.34 0.00	21.12 0.35 0.00	23.03 0.45 0.00	24.16 0.50 0.00	28.13 0.55 0.00	33.12 0.65 0.00	43.71 0.90 0.00	49.47 1.21 0.00	50.26 1.13 0.00	45.13 1.14 0.00	40.40 0.91 0.00	34.33 0.84 0.00	29.28 0.83 0.00
ALCOA___DSASP 323711	26.67 0.65 0.00	24.80 0.65 0.00	22.43 0.57 0.00	21.78 0.57 0.00	21.01 0.57 0.00	22.83 0.69 0.00	24.26 0.68 0.00	23.86 0.60 0.00	19.96 0.43 0.00	17.91 0.37 0.00	19.01 0.39 0.00	19.38 0.34 0.00	21.12 0.35 0.00	23.03 0.45 0.00	24.16 0.50 0.00	28.13 0.55 0.00	33.12 0.65 0.00	43.71 0.90 0.00	49.47 1.21 0.00	50.27 1.13 0.00	45.12 1.14 0.00	40.48 0.99 0.00	34.33 0.84 0.00	29.28 0.83 0.00
ALLEGHENY___COGEN 23514	26.85 0.83 0.00	24.82 0.68 0.00	22.48 0.61 0.00	21.90 0.70 0.00	21.09 0.65 0.00	23.03 0.89 0.00	24.36 0.78 0.00	23.84 0.58 0.00	19.65 0.12 0.00	17.49 -0.05 0.00	18.41 -0.20 0.00	18.83 -0.21 0.00	20.52 -0.25 0.00	22.28 -0.29 0.00	23.36 -0.31 0.00	27.58 0.00 0.00	32.50 0.03 0.00	42.98 0.17 0.00	49.18 0.91 0.00	50.95 1.82 0.00	45.48 1.50 0.00	40.67 1.18 0.00	34.96 1.47 0.00	29.85 1.39 0.00
ALTAMONT_115KV_TB 2 55880	26.25 0.23 0.00	24.37 0.22 0.00	22.08 0.22 0.00	21.39 0.19 0.00	20.62 0.18 0.00	22.30 0.15 0.00	23.79 0.21 0.00	23.49 0.23 0.00	19.77 0.23 0.00	17.75 0.21 0.00	18.82 0.20 0.00	19.27 0.23 0.00	21.02 0.25 0.00	22.85 0.27 0.00	24.00 0.33 0.00	27.89 0.33 0.02	32.92 0.45 0.00	43.45 0.64 0.00	48.89 0.63 0.00	49.63 0.49 0.00	44.42 0.44 0.00	39.92 0.43 0.00	33.76 0.27 0.00	28.63 0.17 0.00
ALTONA_WT_PWR 323606	26.79 0.78 0.00	24.90 0.75 0.00	22.52 0.66 0.00	21.86 0.66 0.00	21.09 0.65 0.00	22.94 0.80 0.00	24.43 0.85 0.00	24.05 0.79 0.00	20.10 0.57 0.00	18.03 0.49 0.00	19.13 0.52 0.00	19.53 0.49 0.00	21.29 0.52 0.00	23.21 0.63 0.00	24.33 0.66 0.00	28.35 0.77 0.00	33.41 0.94 0.00	44.05 1.24 0.00	49.91 1.64 0.00	50.66 1.52 0.00	45.39 1.41 0.00	40.71 1.23 0.00	34.50 1.00 0.00	29.37 0.91 0.00
AMERICAN_REF_FUEL 24010	25.29 -0.73 0.00	23.71 -0.43 0.00	21.23 -0.63 0.00	20.63 -0.57 0.00	20.23 -0.20 0.00	21.92 -0.22 0.00	22.87 -0.71 0.00	22.17 -1.09 0.00	18.52 -1.02 0.00	16.57 -0.96 0.00	17.65 -0.97 0.00	18.15 -0.89 0.00	19.85 -0.91 0.00	21.40 -1.17 0.00	22.43 -1.23 0.00	26.14 -1.44 0.00	30.26 -2.21 0.00	39.17 -3.64 0.00	44.60 -3.67 0.00	46.24 -2.90 0.00	41.21 -2.77 0.00	37.39 -2.09 0.00	32.39 -1.10 0.00	28.26 -0.20 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	26.09 0.08 0.00	24.22 0.07 0.00	21.93 0.07 0.00	21.31 0.11 0.00	20.66 0.23 0.00	22.50 0.35 0.00	23.72 0.14 0.00	23.14 -0.12 0.00	19.26 -0.27 0.00	17.29 -0.25 0.00	18.45 -0.17 0.00	19.00 -0.04 0.00	20.77 0.00 0.00	22.42 -0.16 0.00	23.50 -0.16 0.00	27.44 -0.14 0.00	31.78 -0.68 0.00	41.23 -1.58 0.00	47.01 -1.26 0.00	48.79 -0.34 0.00	43.28 -0.71 0.00	39.05 -0.43 0.00	33.59 0.10 0.00	28.97 0.51 0.00
ARTHUR KILL_GT_1 23520	27.08 1.07 0.00	25.14 0.99 0.00	22.67 0.81 0.00	21.99 0.78 0.00	21.21 0.78 0.00	22.39 0.24 0.00	23.96 0.38 0.00	24.00 0.74 0.00	20.45 0.92 0.00	18.50 0.96 0.00	19.69 1.08 0.00	20.30 1.26 0.00	22.22 1.45 0.00	24.11 1.54 0.00	25.42 1.75 0.00	29.55 1.93 -0.04	34.67 2.21 0.00	44.31 2.01 0.51	49.59 1.83 0.51	50.30 1.62 0.46	45.14 1.50 0.34	40.81 1.34 0.02	35.27 1.78 0.00	29.85 1.39 0.00
ARTHUR_KILL_2 23512	27.08 1.07 0.00	25.07 0.92 0.00	22.61 0.74 0.00	21.92 0.72 0.00	21.13 0.70 0.00	22.32 0.18 0.00	23.88 0.31 0.00	23.93 0.67 0.00	20.41 0.88 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.07 1.49 0.00	25.34 1.68 0.00	29.47 1.85 -0.04	34.58 2.11 0.00	44.13 1.84 0.52	49.44 1.69 0.52	50.10 1.43 0.47	45.00 1.36 0.35	40.61 1.15 0.03	35.17 1.67 0.00	29.77 1.31 0.00
ARTHUR_KILL_3 23513	26.66 0.65 0.01	24.67 0.53 0.01	22.32 0.46 0.01	21.59 0.38 0.00	20.76 0.33 0.00	22.42 0.29 0.01	24.04 0.47 0.01	23.86 0.60 0.00	20.35 0.82 0.00	18.36 0.82 0.00	19.58 0.97 0.00	20.14 1.10 0.00	22.04 1.27 0.00	23.86 1.29 0.00	25.13 1.47 0.00	29.25 1.63 -0.04	34.28 1.82 0.00	44.47 2.18 0.53	49.82 2.07 0.52	50.48 1.82 0.47	45.34 1.71 0.35	41.15 1.70 0.04	34.63 1.14 0.00	29.24 0.80 0.01



ARTHUR_KILL_COGEN 323718	27.16 1.14 0.00	25.14 0.99 0.00	22.67 0.81 0.00	21.99 0.78 0.00	21.19 0.76 0.00	22.39 0.24 0.00	23.95 0.38 0.00	24.00 0.74 0.00	20.45 0.92 0.00	18.49 0.95 0.00	19.69 1.08 0.00	20.30 1.26 0.00	22.22 1.45 0.00	24.11 1.54 0.00	25.42 1.75 0.00	29.55 1.93 -0.04	34.68 2.21 0.00	44.31 2.01 0.52	49.58 1.83 0.52	50.29 1.62 0.47	45.13 1.50 0.35	40.76 1.30 0.03	35.27 1.77 0.00	29.88 1.42 0.00
ASHOKAN____ 23654	26.64 0.62 0.00	24.73 0.58 0.00	22.30 0.44 0.00	21.59 0.38 0.00	20.76 0.33 0.00	22.48 0.33 0.00	24.07 0.50 0.00	23.56 0.30 0.00	19.83 0.29 0.00	17.73 0.19 0.00	18.78 0.17 0.00	19.23 0.19 0.00	21.12 0.35 0.00	23.07 0.50 0.00	24.21 0.54 0.00	29.07 1.49 0.00	33.41 0.94 0.00	44.48 1.67 0.00	50.00 1.74 0.00	50.81 1.67 0.00	45.48 1.50 0.00	40.83 1.34 0.00	34.40 0.90 0.00	29.14 0.68 0.00
ASTORIA_EAST_ENERGY_CC1 323581	26.93 0.91 0.00	24.87 0.72 0.00	22.46 0.59 0.00	21.71 0.51 0.00	20.97 0.53 0.00	22.28 0.13 0.00	23.83 0.26 0.01	23.76 0.51 0.01	20.34 0.82 0.01	18.41 0.88 0.01	19.63 1.02 0.01	20.21 1.18 0.01	22.07 1.31 0.01	23.92 1.35 0.01	25.17 1.52 0.01	29.24 1.63 -0.04	34.24 1.78 0.01	44.56 1.76 0.01	49.85 1.59 0.01	50.45 1.33 0.01	45.25 1.28 0.01	40.82 1.34 0.01	34.66 1.17 0.00	29.48 1.02 0.00
ASTORIA_EAST_ENERGY_CC2 323582	26.93 0.91 0.00	24.87 0.72 0.00	22.46 0.59 0.00	21.71 0.51 0.00	20.97 0.53 0.00	22.28 0.13 0.00	23.83 0.26 0.01	23.76 0.51 0.01	20.34 0.82 0.01	18.41 0.88 0.01	19.63 1.02 0.01	20.21 1.18 0.01	22.07 1.31 0.01	23.92 1.35 0.01	25.17 1.52 0.01	29.24 1.63 -0.04	34.24 1.78 0.01	44.56 1.76 0.01	49.85 1.59 0.01	50.45 1.33 0.01	45.25 1.28 0.01	40.82 1.34 0.01	34.66 1.17 0.00	29.48 1.02 0.00
ASTORIA_GT2_1 24094	26.93 0.91 0.00	24.90 0.75 0.00	22.48 0.61 0.00	21.71 0.51 0.00	20.99 0.55 0.00	22.28 0.13 0.00	23.86 0.28 0.00	23.77 0.51 0.00	20.37 0.84 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.22 1.18 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.25 1.63 -0.04	34.25 1.79 0.00	44.61 1.80 0.00	49.91 1.64 0.00	50.46 1.33 0.00	45.26 1.28 0.00	40.91 1.42 0.00	34.66 1.17 0.00	29.48 1.02 0.00
ASTORIA_GT2_2 24095	26.93 0.91 0.00	24.90 0.75 0.00	22.48 0.61 0.00	21.71 0.51 0.00	20.99 0.55 0.00	22.28 0.13 0.00	23.86 0.28 0.00	23.77 0.51 0.00	20.37 0.84 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.22 1.18 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.25 1.63 -0.04	34.25 1.79 0.00	44.61 1.80 0.00	49.91 1.64 0.00	50.46 1.33 0.00	45.26 1.28 0.00	40.91 1.42 0.00	34.66 1.17 0.00	29.48 1.02 0.00
ASTORIA_GT2_3 24096	26.93 0.91 0.00	24.90 0.75 0.00	22.48 0.61 0.00	21.71 0.51 0.00	20.99 0.55 0.00	22.28 0.13 0.00	23.86 0.28 0.00	23.77 0.51 0.00	20.37 0.84 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.22 1.18 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.25 1.63 -0.04	34.25 1.79 0.00	44.61 1.80 0.00	49.91 1.64 0.00	50.46 1.33 0.00	45.26 1.28 0.00	40.91 1.42 0.00	34.66 1.17 0.00	29.48 1.02 0.00
ASTORIA_GT2_4 24097	26.93 0.91 0.00	24.90 0.75 0.00	22.48 0.61 0.00	21.71 0.51 0.00	20.99 0.55 0.00	22.28 0.13 0.00	23.86 0.28 0.00	23.77 0.51 0.00	20.37 0.84 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.22 1.18 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.25 1.63 -0.04	34.25 1.79 0.00	44.61 1.80 0.00	49.91 1.64 0.00	50.46 1.33 0.00	45.26 1.28 0.00	40.91 1.42 0.00	34.66 1.17 0.00	29.48 1.02 0.00
ASTORIA_GT3_1 24098	26.93 0.91 0.00	24.90 0.75 0.00	22.48 0.61 0.00	21.71 0.51 0.00	20.99 0.55 0.00	22.28 0.13 0.00	23.86 0.28 0.00	23.77 0.51 0.00	20.37 0.84 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.22 1.18 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.25 1.63 -0.04	34.25 1.79 0.00	44.61 1.80 0.00	49.91 1.64 0.00	50.46 1.33 0.00	45.26 1.28 0.00	40.91 1.42 0.00	34.66 1.17 0.00	29.48 1.02 0.00
ASTORIA_GT3_2 24099	26.93 0.91 0.00	24.90 0.75 0.00	22.48 0.61 0.00	21.71 0.51 0.00	20.99 0.55 0.00	22.28 0.13 0.00	23.86 0.28 0.00	23.77 0.51 0.00	20.37 0.84 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.22 1.18 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.25 1.63 -0.04	34.25 1.79 0.00	44.61 1.80 0.00	49.91 1.64 0.00	50.46 1.33 0.00	45.26 1.28 0.00	40.91 1.42 0.00	34.66 1.17 0.00	29.48 1.02 0.00
ASTORIA_GT3_3 24100	26.93 0.91 0.00	24.90 0.75 0.00	22.48 0.61 0.00	21.71 0.51 0.00	20.99 0.55 0.00	22.28 0.13 0.00	23.86 0.28 0.00	23.77 0.51 0.00	20.37 0.84 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.22 1.18 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.25 1.63 -0.04	34.25 1.79 0.00	44.61 1.80 0.00	49.91 1.64 0.00	50.46 1.33 0.00	45.26 1.28 0.00	40.91 1.42 0.00	34.66 1.17 0.00	29.48 1.02 0.00
ASTORIA_GT3_4 24101	26.93 0.91 0.00	24.90 0.75 0.00	22.48 0.61 0.00	21.71 0.51 0.00	20.99 0.55 0.00	22.28 0.13 0.00	23.86 0.28 0.00	23.77 0.51 0.00	20.37 0.84 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.22 1.18 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.25 1.63 -0.04	34.25 1.79 0.00	44.61 1.80 0.00	49.91 1.64 0.00	50.46 1.33 0.00	45.26 1.28 0.00	40.91 1.42 0.00	34.66 1.17 0.00	29.48 1.02 0.00
ASTORIA_GT4_1 24102	26.93 0.91 0.00	24.90 0.75 0.00	22.48 0.61 0.00	21.71 0.51 0.00	20.99 0.55 0.00	22.28 0.13 0.00	23.86 0.28 0.00	23.77 0.51 0.00	20.37 0.84 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.22 1.18 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.25 1.63 -0.04	34.25 1.79 0.00	44.61 1.80 0.00	49.91 1.64 0.00	50.46 1.33 0.00	45.26 1.28 0.00	40.91 1.42 0.00	34.66 1.17 0.00	29.48 1.02 0.00
ASTORIA_GT4_2 24103	26.93 0.91 0.00	24.90 0.75 0.00	22.48 0.61 0.00	21.71 0.51 0.00	20.99 0.55 0.00	22.28 0.13 0.00	23.86 0.28 0.00	23.77 0.51 0.00	20.37 0.84 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.22 1.18 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.25 1.63 -0.04	34.25 1.79 0.00	44.61 1.80 0.00	49.91 1.64 0.00	50.46 1.33 0.00	45.26 1.28 0.00	40.91 1.42 0.00	34.66 1.17 0.00	29.48 1.02 0.00
ASTORIA_GT4_3 24104	26.93 0.91 0.00	24.90 0.75 0.00	22.48 0.61 0.00	21.71 0.51 0.00	20.99 0.55 0.00	22.28 0.13 0.00	23.86 0.28 0.00	23.77 0.51 0.00	20.37 0.84 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.22 1.18 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.25 1.63 -0.04	34.25 1.79 0.00	44.61 1.80 0.00	49.91 1.64 0.00	50.46 1.33 0.00	45.26 1.28 0.00	40.91 1.42 0.00	34.66 1.17 0.00	29.48 1.02 0.00



ASTORIA_GT4_4 24105	26.93 0.91 0.00	24.90 0.75 0.00	22.48 0.61 0.00	21.71 0.51 0.00	20.99 0.55 0.00	22.28 0.13 0.00	23.86 0.28 0.00	23.77 0.51 0.00	20.37 0.84 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.22 1.18 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.25 1.63 -0.04	34.25 1.79 0.00	44.61 1.80 0.00	49.91 1.64 0.00	50.46 1.33 0.00	45.26 1.28 0.00	40.91 1.42 0.00	34.66 1.17 0.00	29.48 1.02 0.00
ASTORIA_GT_1 23523	26.98 0.96 0.00	24.95 0.80 0.00	22.52 0.66 0.00	21.75 0.55 0.00	21.03 0.59 0.00	22.32 0.18 0.00	23.91 0.33 0.00	23.82 0.56 0.00	20.41 0.88 0.00	18.47 0.93 0.00	19.67 1.06 0.00	20.26 1.22 0.00	22.14 1.37 0.00	24.00 1.42 0.00	25.25 1.59 0.00	29.31 1.68 -0.04	34.35 1.88 0.00	44.70 1.88 0.00	50.00 1.74 0.00	50.61 1.47 0.00	45.35 1.36 0.00	40.99 1.50 0.00	34.73 1.24 0.00	29.54 1.08 0.00
ASTORIA_GT_10 24110	26.90 0.88 0.00	24.90 0.75 0.00	22.50 0.63 0.00	21.75 0.55 0.00	21.01 0.57 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.89 0.63 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.24 1.20 0.00	22.14 1.37 0.00	24.00 1.42 0.00	25.25 1.59 0.00	29.33 1.71 -0.04	34.38 1.92 0.00	44.78 1.97 0.00	50.10 1.83 0.00	50.71 1.57 0.00	45.48 1.50 0.00	40.99 1.50 0.00	34.80 1.31 0.00	29.54 1.08 0.00
ASTORIA_GT_11 24225	26.90 0.88 0.00	24.90 0.75 0.00	22.50 0.63 0.00	21.75 0.55 0.00	21.01 0.57 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.89 0.63 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.24 1.20 0.00	22.14 1.37 0.00	24.00 1.42 0.00	25.25 1.59 0.00	29.33 1.71 -0.04	34.38 1.92 0.00	44.78 1.97 0.00	50.10 1.83 0.00	50.71 1.57 0.00	45.48 1.50 0.00	40.99 1.50 0.00	34.80 1.31 0.00	29.54 1.08 0.00
ASTORIA_GT_12 24226	26.90 0.88 0.00	24.90 0.75 0.00	22.50 0.63 0.00	21.75 0.55 0.00	21.01 0.57 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.89 0.63 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.24 1.20 0.00	22.14 1.37 0.00	24.00 1.42 0.00	25.25 1.59 0.00	29.33 1.71 -0.04	34.38 1.92 0.00	44.78 1.97 0.00	50.10 1.83 0.00	50.71 1.57 0.00	45.48 1.50 0.00	40.99 1.50 0.00	34.80 1.31 0.00	29.54 1.08 0.00
ASTORIA_GT_13 24227	26.90 0.88 0.00	24.90 0.75 0.00	22.50 0.63 0.00	21.75 0.55 0.00	21.01 0.57 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.89 0.63 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.24 1.20 0.00	22.14 1.37 0.00	24.00 1.42 0.00	25.25 1.59 0.00	29.33 1.71 -0.04	34.38 1.92 0.00	44.78 1.97 0.00	50.10 1.83 0.00	50.71 1.57 0.00	45.48 1.50 0.00	40.99 1.50 0.00	34.80 1.31 0.00	29.54 1.08 0.00
ASTORIA_GT_5 24106	26.98 0.96 0.00	24.95 0.80 0.00	22.52 0.66 0.00	21.75 0.55 0.00	21.03 0.59 0.00	22.32 0.18 0.00	23.91 0.33 0.00	23.82 0.56 0.00	20.41 0.88 0.00	18.47 0.93 0.00	19.67 1.06 0.00	20.26 1.22 0.00	22.14 1.37 0.00	24.00 1.42 0.00	25.25 1.59 0.00	29.31 1.68 -0.04	34.35 1.88 0.00	44.70 1.88 0.00	50.00 1.74 0.00	50.61 1.47 0.00	45.35 1.36 0.00	40.99 1.50 0.00	34.73 1.24 0.00	29.54 1.08 0.00
ASTORIA_GT_7 24107	26.98 0.96 0.00	24.95 0.80 0.00	22.52 0.66 0.00	21.75 0.55 0.00	21.03 0.59 0.00	22.32 0.18 0.00	23.91 0.33 0.00	23.82 0.56 0.00	20.41 0.88 0.00	18.47 0.93 0.00	19.67 1.06 0.00	20.26 1.22 0.00	22.14 1.37 0.00	24.00 1.42 0.00	25.25 1.59 0.00	29.31 1.68 -0.04	34.35 1.88 0.00	44.70 1.88 0.00	50.00 1.74 0.00	50.61 1.47 0.00	45.35 1.36 0.00	40.99 1.50 0.00	34.73 1.24 0.00	29.54 1.08 0.00
ASTORIA_GT_8 24108	26.98 0.96 0.00	24.95 0.80 0.00	22.52 0.66 0.00	21.75 0.55 0.00	21.03 0.59 0.00	22.32 0.18 0.00	23.91 0.33 0.00	23.82 0.56 0.00	20.41 0.88 0.00	18.47 0.93 0.00	19.67 1.06 0.00	20.26 1.22 0.00	22.14 1.37 0.00	24.00 1.42 0.00	25.25 1.59 0.00	29.31 1.68 -0.04	34.35 1.88 0.00	44.70 1.88 0.00	50.00 1.74 0.00	50.61 1.47 0.00	45.35 1.36 0.00	40.99 1.50 0.00	34.73 1.24 0.00	29.54 1.08 0.00
ASTORIA___2 24149	26.95 0.94 0.00	24.90 0.75 0.00	22.48 0.61 0.00	21.71 0.51 0.00	20.97 0.53 0.00	22.28 0.13 0.00	23.85 0.28 0.01	23.76 0.51 0.01	20.36 0.84 0.01	18.42 0.89 0.01	19.63 1.02 0.01	20.21 1.18 0.01	22.07 1.31 0.01	23.95 1.38 0.01	25.19 1.54 0.01	29.24 1.63 -0.04	34.24 1.78 0.01	44.60 1.80 0.01	49.90 1.64 0.01	50.45 1.33 0.01	45.25 1.28 0.01	40.82 1.34 0.01	34.66 1.17 0.00	29.48 1.02 0.00
ASTORIA___3 23516	26.93 0.91 0.00	24.90 0.75 0.00	22.50 0.63 0.00	21.75 0.55 0.00	20.99 0.55 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.89 0.63 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.24 1.20 0.00	22.14 1.37 0.00	24.00 1.42 0.00	25.25 1.59 0.00	29.33 1.71 -0.04	34.38 1.92 0.00	44.77 1.97 0.01	50.09 1.83 0.01	50.70 1.57 0.01	45.47 1.50 0.01	40.94 1.46 0.01	34.80 1.30 0.00	29.54 1.08 0.00
ASTORIA___4 23517	26.90 0.88 0.00	24.90 0.75 0.00	22.50 0.63 0.00	21.75 0.55 0.00	21.01 0.57 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.89 0.63 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.24 1.20 0.00	22.14 1.37 0.00	24.00 1.42 0.00	25.25 1.59 0.00	29.33 1.71 -0.04	34.38 1.92 0.00	44.78 1.97 0.00	50.10 1.83 0.00	50.71 1.57 0.00	45.48 1.50 0.00	40.99 1.50 0.00	34.80 1.31 0.00	29.54 1.08 0.00
ASTORIA___5 23518	26.93 0.91 0.00	24.92 0.77 0.00	22.50 0.63 0.00	21.75 0.55 0.00	20.99 0.55 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.89 0.63 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.24 1.20 0.00	22.14 1.37 0.00	24.00 1.42 0.00	25.25 1.59 0.00	29.33 1.71 -0.04	34.38 1.92 0.00	44.77 1.97 0.01	50.09 1.83 0.01	50.70 1.57 0.01	45.47 1.50 0.01	40.94 1.46 0.01	34.80 1.30 0.00	29.54 1.08 0.00
AST_ENERGY_2_CC3 323677	24.72 0.73 2.02	24.72 0.60 0.03	22.36 0.50 0.01	21.62 0.42 0.01	20.82 0.39 0.00	22.47 0.33 0.01	24.08 0.52 0.02	23.89 0.65 0.02	20.39 0.86 0.00	18.40 0.86 0.00	19.60 0.99 0.00	20.16 1.12 0.00	22.06 1.29 0.00	23.91 1.33 0.00	25.18 1.52 0.00	29.26 1.65 -0.03	29.36 1.88 4.99	29.36 2.22 15.68	32.22 2.12 18.17	33.41 1.87 17.59	29.36 1.76 16.38	29.36 1.70 11.83	29.36 1.20 5.34	29.33 0.88 0.01
AST_ENERGY_2_CC4 323678	24.72 0.73 2.02	24.72 0.60 0.03	22.36 0.50 0.01	21.62 0.42 0.01	20.82 0.39 0.00	22.47 0.33 0.01	24.08 0.52 0.02	23.89 0.65 0.02	20.39 0.86 0.00	18.40 0.86 0.00	19.60 0.99 0.00	20.16 1.12 0.00	22.06 1.29 0.00	23.91 1.33 0.00	25.18 1.52 0.00	29.26 1.65 -0.03	29.36 1.88 4.99	29.36 2.22 15.68	32.22 2.12 18.17	33.41 1.87 17.59	29.36 1.76 16.38	29.36 1.70 11.83	29.36 1.20 5.34	29.33 0.88 0.01



ATHENS_STG_1 23668	26.35 0.34 0.00	24.46 0.31 0.00	22.15 0.28 0.00	21.44 0.23 0.00	20.64 0.20 0.00	22.34 0.20 0.00	23.86 0.28 0.00	23.58 0.33 0.00	19.90 0.37 0.00	17.89 0.35 0.00	19.02 0.41 0.00	19.50 0.46 0.00	21.29 0.52 0.00	23.12 0.54 0.00	24.30 0.64 0.00	28.29 0.69 -0.02	33.28 0.81 0.00	43.84 1.03 0.00	49.28 1.02 0.00	49.97 0.83 0.00	44.73 0.75 0.00	40.20 0.71 0.00	33.99 0.50 0.00	28.80 0.34 0.00
ATHENS_STG_2 23670	26.35 0.34 0.00	24.46 0.31 0.00	22.15 0.28 0.00	21.44 0.23 0.00	20.64 0.20 0.00	22.34 0.20 0.00	23.86 0.28 0.00	23.58 0.33 0.00	19.90 0.37 0.00	17.89 0.35 0.00	19.02 0.41 0.00	19.50 0.46 0.00	21.29 0.52 0.00	23.12 0.54 0.00	24.30 0.64 0.00	28.29 0.69 -0.02	33.28 0.81 0.00	43.84 1.03 0.00	49.28 1.02 0.00	49.97 0.83 0.00	44.73 0.75 0.00	40.20 0.71 0.00	33.99 0.50 0.00	28.80 0.34 0.00
ATHENS_STG_3 23677	26.35 0.34 0.00	24.46 0.31 0.00	22.15 0.28 0.00	21.44 0.23 0.00	20.64 0.20 0.00	22.34 0.20 0.00	23.86 0.28 0.00	23.58 0.33 0.00	19.90 0.37 0.00	17.89 0.35 0.00	19.02 0.41 0.00	19.50 0.46 0.00	21.29 0.52 0.00	23.12 0.54 0.00	24.30 0.64 0.00	28.29 0.69 -0.02	33.28 0.81 0.00	43.84 1.03 0.00	49.28 1.02 0.00	49.97 0.83 0.00	44.73 0.75 0.00	40.20 0.71 0.00	33.99 0.50 0.00	28.80 0.34 0.00
AUBURN___LFGE 323710	25.91 -0.10 0.00	24.00 -0.14 0.00	21.73 -0.13 0.00	21.12 -0.08 0.00	20.31 -0.12 0.00	22.10 -0.04 0.00	23.46 -0.12 0.00	23.07 -0.19 0.00	19.30 -0.23 0.00	17.31 -0.23 0.00	18.35 -0.26 0.00	18.79 -0.25 0.00	20.50 -0.27 0.00	22.28 -0.29 0.00	23.31 -0.35 0.00	27.28 -0.30 0.00	32.14 -0.32 0.00	42.38 -0.43 0.00	47.93 -0.34 0.00	49.04 -0.10 0.00	43.81 -0.18 0.00	39.25 -0.24 0.00	33.46 -0.03 0.00	28.43 -0.03 0.00
BABYLON_RES_REC 323704	27.06 1.04 0.00	24.97 0.82 0.00	22.59 0.72 0.00	21.73 0.53 0.00	20.80 0.37 0.00	22.54 0.40 0.00	24.10 0.52 0.00	24.00 0.74 0.00	20.74 1.21 0.00	18.68 1.14 0.00	19.89 1.27 -0.01	20.42 1.37 -0.01	22.31 1.54 -0.01	29.07 1.58 -4.92	33.11 1.75 -7.70	34.39 2.01 -4.80	37.63 2.27 -2.89	45.48 2.66 -0.01	51.02 2.75 0.00	51.25 2.11 0.00	45.96 1.98 0.00	41.27 1.78 0.00	35.17 1.67 0.00	29.51 1.05 0.00
BALL_HILL_WT_PWR 323825	25.89 -0.13 0.00	24.05 -0.10 0.00	21.74 -0.13 0.00	21.12 -0.08 0.00	20.48 0.04 0.00	22.25 0.11 0.00	23.37 -0.21 0.00	22.77 -0.49 0.00	18.99 -0.55 0.00	17.01 -0.53 0.00	18.15 -0.46 0.00	18.66 -0.38 0.00	20.39 -0.37 0.00	22.01 -0.56 0.00	23.10 -0.57 0.00	26.97 -0.61 0.00	31.23 -1.23 0.00	40.58 -2.23 0.00	46.24 -2.03 0.00	48.01 -1.13 0.00	42.66 -1.32 0.00	38.58 -0.91 0.00	33.26 -0.23 0.00	28.71 0.26 0.00
BARON_WINDS___WT_PWR 323822	25.96 -0.05 0.00	24.08 -0.07 0.00	21.78 -0.09 0.00	21.16 -0.04 0.00	20.46 0.02 0.00	22.23 0.09 0.00	23.44 -0.14 0.00	22.89 -0.37 0.00	19.01 -0.53 0.00	17.00 -0.54 0.00	18.07 -0.54 0.00	18.53 -0.51 0.00	20.27 -0.50 0.00	21.94 -0.63 0.00	23.03 -0.64 0.00	26.95 -0.63 0.00	31.46 -1.01 0.00	41.14 -1.67 0.00	46.87 -1.40 0.00	48.55 -0.59 0.00	43.24 -0.75 0.00	38.90 -0.59 0.00	33.42 -0.07 0.00	28.68 0.23 0.00
BARRETT_IC_1 23704	26.95 0.94 0.00	24.87 0.72 0.00	22.50 0.63 0.00	21.67 0.47 0.00	20.78 0.35 0.00	22.50 0.35 0.00	24.05 0.47 0.00	23.93 0.67 0.00	20.59 1.05 0.00	18.56 1.02 0.00	19.78 1.15 -0.01	20.31 1.26 -0.01	22.17 1.39 -0.01	28.51 1.38 -4.55	32.33 1.54 -7.12	33.71 1.68 -4.44	36.92 1.78 -2.67	45.00 2.18 -0.01	50.49 2.22 0.00	50.81 1.67 0.00	45.56 1.58 0.00	40.95 1.46 0.00	34.96 1.47 0.00	29.42 0.97 0.00
BARRETT_IC_10 23701	26.95 0.94 0.00	24.87 0.72 0.00	22.50 0.63 0.00	21.67 0.47 0.00	20.78 0.35 0.00	22.50 0.35 0.00	24.05 0.47 0.00	23.93 0.67 0.00	20.59 1.05 0.00	18.56 1.02 0.00	19.78 1.15 -0.01	20.31 1.26 -0.01	22.17 1.39 -0.01	28.51 1.38 -4.55	32.33 1.54 -7.12	33.71 1.68 -4.44	36.92 1.78 -2.67	45.00 2.18 -0.01	50.49 2.22 0.00	50.81 1.67 0.00	45.56 1.58 0.00	40.95 1.46 0.00	34.96 1.47 0.00	29.42 0.97 0.00
BARRETT_IC_11 23702	26.95 0.94 0.00	24.87 0.72 0.00	22.50 0.63 0.00	21.67 0.47 0.00	20.78 0.35 0.00	22.50 0.35 0.00	24.05 0.47 0.00	23.93 0.67 0.00	20.59 1.05 0.00	18.56 1.02 0.00	19.78 1.15 -0.01	20.31 1.26 -0.01	22.17 1.39 -0.01	28.51 1.38 -4.55	32.33 1.54 -7.12	33.71 1.68 -4.44	36.92 1.78 -2.67	45.00 2.18 -0.01	50.49 2.22 0.00	50.81 1.67 0.00	45.56 1.58 0.00	40.95 1.46 0.00	34.96 1.47 0.00	29.42 0.97 0.00
BARRETT_IC_12 23703	26.95 0.94 0.00	24.87 0.72 0.00	22.50 0.63 0.00	21.67 0.47 0.00	20.78 0.35 0.00	22.50 0.35 0.00	24.05 0.47 0.00	23.93 0.67 0.00	20.59 1.05 0.00	18.56 1.02 0.00	19.78 1.15 -0.01	20.31 1.26 -0.01	22.17 1.39 -0.01	28.51 1.38 -4.55	32.33 1.54 -7.12	33.71 1.68 -4.44	36.92 1.78 -2.67	45.00 2.18 -0.01	50.49 2.22 0.00	50.81 1.67 0.00	45.56 1.58 0.00	40.95 1.46 0.00	34.96 1.47 0.00	29.42 0.97 0.00
BARRETT_IC_2 23705	26.95 0.94 0.00	24.87 0.72 0.00	22.50 0.63 0.00	21.67 0.47 0.00	20.78 0.35 0.00	22.50 0.35 0.00	24.05 0.47 0.00	23.93 0.67 0.00	20.59 1.05 0.00	18.56 1.02 0.00	19.78 1.15 -0.01	20.31 1.26 -0.01	22.17 1.39 -0.01	28.51 1.38 -4.55	32.33 1.54 -7.12	33.71 1.68 -4.44	36.92 1.78 -2.67	45.00 2.18 -0.01	50.49 2.22 0.00	50.81 1.67 0.00	45.56 1.58 0.00	40.95 1.46 0.00	34.96 1.47 0.00	29.42 0.97 0.00
BARRETT_IC_3 23706	26.95 0.94 0.00	24.87 0.72 0.00	22.50 0.63 0.00	21.67 0.47 0.00	20.78 0.35 0.00	22.50 0.35 0.00	24.05 0.47 0.00	23.93 0.67 0.00	20.59 1.05 0.00	18.56 1.02 0.00	19.78 1.15 -0.01	20.31 1.26 -0.01	22.17 1.39 -0.01	28.51 1.38 -4.55	32.33 1.54 -7.12	33.71 1.68 -4.44	36.92 1.78 -2.67	45.00 2.18 -0.01	50.49 2.22 0.00	50.81 1.67 0.00	45.56 1.58 0.00	40.95 1.46 0.00	34.96 1.47 0.00	29.42 0.97 0.00
BARRETT_IC_4 23707	26.95 0.94 0.00	24.87 0.72 0.00	22.50 0.63 0.00	21.67 0.47 0.00	20.78 0.35 0.00	22.50 0.35 0.00	24.05 0.47 0.00	23.93 0.67 0.00	20.59 1.05 0.00	18.56 1.02 0.00	19.78 1.15 -0.01	20.31 1.26 -0.01	22.17 1.39 -0.01	28.51 1.38 -4.55	32.33 1.54 -7.12	33.71 1.68 -4.44	36.92 1.78 -2.67	45.00 2.18 -0.01	50.49 2.22 0.00	50.81 1.67 0.00	45.56 1.58 0.00	40.95 1.46 0.00	34.96 1.47 0.00	29.42 0.97 0.00
BARRETT_IC_5 23708	26.95 0.94 0.00	24.87 0.72 0.00	22.50 0.63 0.00	21.67 0.47 0.00	20.78 0.35 0.00	22.50 0.35 0.00	24.05 0.47 0.00	23.93 0.67 0.00	20.59 1.05 0.00	18.56 1.02 0.00	19.78 1.15 -0.01	20.31 1.26 -0.01	22.17 1.39 -0.01	28.51 1.38 -4.55	32.33 1.54 -7.12	33.71 1.68 -4.44	36.92 1.78 -2.67	45.00 2.18 -0.01	50.49 2.22 0.00	50.81 1.67 0.00	45.56 1.58 0.00	40.95 1.46 0.00	34.96 1.47 0.00	29.42 0.97 0.00



BARRETT_IC_6 23709	26.95 0.94 0.00	24.87 0.72 0.00	22.50 0.63 0.00	21.67 0.47 0.00	20.78 0.35 0.00	22.50 0.35 0.00	24.05 0.47 0.00	23.93 0.67 0.00	20.59 1.05 0.00	18.56 1.02 0.00	19.78 1.15 -0.01	20.31 1.26 -0.01	22.17 1.39 -0.01	28.51 1.38 -4.55	32.33 1.54 -7.12	33.71 1.68 -4.44	36.92 1.78 -2.67	45.00 2.18 -0.01	50.49 2.22 0.00	50.81 1.67 0.00	45.56 1.58 0.00	40.95 1.46 0.00	34.96 1.47 0.00	29.42 0.97 0.00
BARRETT_IC_7 23710	26.95 0.94 0.00	24.87 0.72 0.00	22.52 0.66 0.00	21.67 0.47 0.00	20.80 0.37 0.00	22.50 0.35 0.00	24.05 0.47 0.00	23.93 0.67 0.00	20.59 1.05 0.00	18.57 1.03 0.00	19.78 1.15 -0.01	20.31 1.26 -0.01	22.17 1.39 -0.01	28.51 1.38 -4.55	32.33 1.54 -7.12	33.71 1.68 -4.44	36.93 1.79 -2.67	45.00 2.18 -0.01	50.49 2.22 0.00	50.81 1.67 0.00	45.57 1.58 0.00	40.99 1.50 0.00	34.97 1.47 0.00	29.48 1.02 0.00
BARRETT_IC_8 23711	26.95 0.94 0.00	24.87 0.72 0.00	22.50 0.63 0.00	21.67 0.47 0.00	20.78 0.35 0.00	22.50 0.35 0.00	24.05 0.47 0.00	23.93 0.67 0.00	20.59 1.05 0.00	18.56 1.02 0.00	19.78 1.15 -0.01	20.31 1.26 -0.01	22.17 1.39 -0.01	28.51 1.38 -4.55	32.33 1.54 -7.12	33.71 1.68 -4.44	36.92 1.78 -2.67	45.00 2.18 -0.01	50.49 2.22 0.00	50.81 1.67 0.00	45.56 1.58 0.00	40.95 1.46 0.00	34.96 1.47 0.00	29.42 0.97 0.00
BARRETT_IC_9 23700	26.95 0.94 0.00	24.87 0.72 0.00	22.50 0.63 0.00	21.67 0.47 0.00	20.78 0.35 0.00	22.50 0.35 0.00	24.05 0.47 0.00	23.93 0.67 0.00	20.59 1.05 0.00	18.56 1.02 0.00	19.78 1.15 -0.01	20.31 1.26 -0.01	22.17 1.39 -0.01	28.51 1.38 -4.55	32.33 1.54 -7.12	33.71 1.68 -4.44	36.92 1.78 -2.67	45.00 2.18 -0.01	50.49 2.22 0.00	50.81 1.67 0.00	45.56 1.58 0.00	40.95 1.46 0.00	34.96 1.47 0.00	29.42 0.97 0.00
BARRETT___1 23545	26.95 0.94 0.00	24.87 0.72 0.00	22.50 0.63 0.00	21.67 0.47 0.00	20.78 0.35 0.00	22.50 0.35 0.00	24.05 0.47 0.00	23.93 0.67 0.00	20.59 1.05 0.00	18.56 1.02 0.00	19.78 1.15 -0.01	20.31 1.26 -0.01	22.17 1.39 -0.01	28.51 1.38 -4.55	32.33 1.54 -7.12	33.71 1.68 -4.44	36.92 1.78 -2.67	45.00 2.18 -0.01	50.49 2.22 0.00	50.81 1.67 0.00	45.56 1.58 0.00	40.95 1.46 0.00	34.96 1.47 0.00	29.42 0.97 0.00
BARRETT___2 23546	26.95 0.94 0.00	24.87 0.72 0.00	22.50 0.63 0.00	21.67 0.47 0.00	20.78 0.35 0.00	22.50 0.35 0.00	24.05 0.47 0.00	23.93 0.67 0.00	20.59 1.05 0.00	18.56 1.02 0.00	19.78 1.15 -0.01	20.31 1.26 -0.01	22.17 1.39 -0.01	28.51 1.38 -4.55	32.33 1.54 -7.12	33.71 1.68 -4.44	36.92 1.78 -2.67	45.00 2.18 -0.01	50.49 2.22 0.00	50.81 1.67 0.00	45.56 1.58 0.00	40.95 1.46 0.00	34.96 1.47 0.00	29.42 0.97 0.00
BATAVIA___115KV_TB1 55881	26.09 0.08 0.00	24.17 0.02 0.00	22.02 0.15 0.00	21.31 0.11 0.00	20.43 0.00 0.00	22.52 0.38 0.00	23.70 0.12 0.00	23.07 -0.19 0.00	19.20 -0.33 0.00	17.17 -0.37 0.00	18.22 -0.39 0.00	18.72 -0.32 0.00	20.50 -0.27 0.00	22.13 -0.45 0.00	23.14 -0.52 0.00	27.17 -0.41 0.00	31.59 -0.88 0.00	41.27 -1.54 0.00	47.01 -1.25 0.00	48.69 -0.44 0.00	43.46 -0.53 0.00	39.05 -0.43 0.00	33.76 0.27 0.00	29.14 0.68 0.00
BAYONEEC___CTG1 323682	26.79 0.78 0.00	24.80 0.65 0.00	22.41 0.55 0.00	21.67 0.47 0.00	20.86 0.43 0.00	22.52 0.38 0.00	24.14 0.56 0.00	23.96 0.70 0.00	20.43 0.90 0.00	18.43 0.89 0.00	19.66 1.04 0.00	20.20 1.16 0.00	22.10 1.33 0.00	23.95 1.38 0.00	25.23 1.56 0.00	29.36 1.74 -0.04	34.41 1.95 0.00	45.12 2.31 0.00	50.44 2.17 0.00	51.05 1.91 0.00	45.83 1.85 0.00	41.27 1.78 0.00	34.76 1.27 0.00	29.39 0.94 0.00
BAYONEEC___CTG10 323750	26.79 0.78 0.00	24.80 0.65 0.00	22.41 0.55 0.00	21.67 0.47 0.00	20.86 0.43 0.00	22.52 0.38 0.00	24.14 0.56 0.00	23.96 0.70 0.00	20.43 0.90 0.00	18.43 0.89 0.00	19.66 1.04 0.00	20.20 1.16 0.00	22.10 1.33 0.00	23.95 1.38 0.00	25.23 1.56 0.00	29.36 1.74 -0.04	34.41 1.95 0.00	45.12 2.31 0.00	50.44 2.17 0.00	51.05 1.91 0.00	45.83 1.85 0.00	41.27 1.78 0.00	34.76 1.27 0.00	29.39 0.94 0.00
BAYONEEC___CTG2 323683	26.79 0.78 0.00	24.80 0.65 0.00	22.41 0.55 0.00	21.67 0.47 0.00	20.86 0.43 0.00	22.52 0.38 0.00	24.14 0.56 0.00	23.96 0.70 0.00	20.43 0.90 0.00	18.43 0.89 0.00	19.66 1.04 0.00	20.20 1.16 0.00	22.10 1.33 0.00	23.95 1.38 0.00	25.23 1.56 0.00	29.36 1.74 -0.04	34.41 1.95 0.00	45.12 2.31 0.00	50.44 2.17 0.00	51.05 1.91 0.00	45.83 1.85 0.00	41.27 1.78 0.00	34.76 1.27 0.00	29.39 0.94 0.00
BAYONEEC___CTG3 323684	26.79 0.78 0.00	24.80 0.65 0.00	22.41 0.55 0.00	21.67 0.47 0.00	20.86 0.43 0.00	22.52 0.38 0.00	24.14 0.56 0.00	23.96 0.70 0.00	20.43 0.90 0.00	18.43 0.89 0.00	19.66 1.04 0.00	20.20 1.16 0.00	22.10 1.33 0.00	23.95 1.38 0.00	25.23 1.56 0.00	29.36 1.74 -0.04	34.41 1.95 0.00	45.12 2.31 0.00	50.44 2.17 0.00	51.05 1.91 0.00	45.83 1.85 0.00	41.27 1.78 0.00	34.76 1.27 0.00	29.39 0.94 0.00
BAYONEEC___CTG4 323685	26.79 0.78 0.00	24.80 0.65 0.00	22.41 0.55 0.00	21.67 0.47 0.00	20.86 0.43 0.00	22.52 0.38 0.00	24.14 0.56 0.00	23.96 0.70 0.00	20.43 0.90 0.00	18.43 0.89 0.00	19.66 1.04 0.00	20.20 1.16 0.00	22.10 1.33 0.00	23.95 1.38 0.00	25.23 1.56 0.00	29.36 1.74 -0.04	34.41 1.95 0.00	45.12 2.31 0.00	50.44 2.17 0.00	51.05 1.91 0.00	45.83 1.85 0.00	41.27 1.78 0.00	34.76 1.27 0.00	29.39 0.94 0.00
BAYONEEC___CTG5 323686	26.79 0.78 0.00	24.80 0.65 0.00	22.41 0.55 0.00	21.67 0.47 0.00	20.86 0.43 0.00	22.52 0.38 0.00	24.14 0.56 0.00	23.96 0.70 0.00	20.43 0.90 0.00	18.43 0.89 0.00	19.66 1.04 0.00	20.20 1.16 0.00	22.10 1.33 0.00	23.95 1.38 0.00	25.23 1.56 0.00	29.36 1.74 -0.04	34.41 1.95 0.00	45.12 2.31 0.00	50.44 2.17 0.00	51.05 1.91 0.00	45.83 1.85 0.00	41.27 1.78 0.00	34.76 1.27 0.00	29.39 0.94 0.00
BAYONEEC___CTG6 323687	26.79 0.78 0.00	24.80 0.65 0.00	22.41 0.55 0.00	21.67 0.47 0.00	20.86 0.43 0.00	22.52 0.38 0.00	24.14 0.56 0.00	23.96 0.70 0.00	20.43 0.90 0.00	18.43 0.89 0.00	19.66 1.04 0.00	20.20 1.16 0.00	22.10 1.33 0.00	23.95 1.38 0.00	25.23 1.56 0.00	29.36 1.74 -0.04	34.41 1.95 0.00	45.12 2.31 0.00	50.44 2.17 0.00	51.05 1.91 0.00	45.83 1.85 0.00	41.27 1.78 0.00	34.76 1.27 0.00	29.39 0.94 0.00
BAYONEEC___CTG7 323688	26.79 0.78 0.00	24.80 0.65 0.00	22.41 0.55 0.00	21.67 0.47 0.00	20.86 0.43 0.00	22.52 0.38 0.00	24.14 0.56 0.00	23.96 0.70 0.00	20.43 0.90 0.00	18.43 0.89 0.00	19.66 1.04 0.00	20.20 1.16 0.00	22.10 1.33 0.00	23.95 1.38 0.00	25.23 1.56 0.00	29.36 1.74 -0.04	34.41 1.95 0.00	45.12 2.31 0.00	50.44 2.17 0.00	51.05 1.91 0.00	45.83 1.85 0.00	41.27 1.78 0.00	34.76 1.27 0.00	29.39 0.94 0.00



BAYONEEC___CTG8 323689	26.79 0.78 0.00	24.80 0.65 0.00	22.41 0.55 0.00	21.67 0.47 0.00	20.86 0.43 0.00	22.52 0.38 0.00	24.14 0.56 0.00	23.96 0.70 0.00	20.43 0.90 0.00	18.43 0.89 0.00	19.66 1.04 0.00	20.20 1.16 0.00	22.10 1.33 0.00	23.95 1.38 0.00	25.23 1.56 0.00	29.36 1.74 -0.04	34.41 1.95 0.00	45.12 2.31 0.00	50.44 2.17 0.00	51.05 1.91 0.00	45.83 1.85 0.00	41.27 1.78 0.00	34.76 1.27 0.00	29.39 0.94 0.00
BAYONEEC___CTG9 323749	26.79 0.78 0.00	24.80 0.65 0.00	22.41 0.55 0.00	21.67 0.47 0.00	20.86 0.43 0.00	22.52 0.38 0.00	24.14 0.56 0.00	23.96 0.70 0.00	20.43 0.90 0.00	18.43 0.89 0.00	19.66 1.04 0.00	20.20 1.16 0.00	22.10 1.33 0.00	23.95 1.38 0.00	25.23 1.56 0.00	29.36 1.74 -0.04	34.41 1.95 0.00	45.12 2.31 0.00	50.44 2.17 0.00	51.05 1.91 0.00	45.83 1.85 0.00	41.27 1.78 0.00	34.76 1.27 0.00	29.39 0.94 0.00
BEACON___LESR 323632	26.25 0.23 0.00	24.39 0.24 0.00	22.15 0.28 0.00	21.44 0.23 0.00	20.62 0.18 0.00	22.36 0.22 0.00	23.84 0.26 0.00	23.56 0.30 0.00	19.79 0.25 0.00	17.75 0.21 0.00	18.84 0.22 0.00	19.25 0.21 0.00	20.98 0.21 0.00	22.85 0.27 0.00	24.00 0.33 0.00	27.88 0.33 0.03	32.92 0.45 0.00	43.54 0.73 0.00	49.04 0.77 0.00	49.73 0.59 0.00	44.51 0.53 0.00	39.92 0.44 0.00	33.76 0.27 0.00	28.60 0.14 0.00
BEAVER RIVER___HYD 24048	26.59 0.57 0.00	24.75 0.60 0.00	22.43 0.57 0.00	21.78 0.57 0.00	21.01 0.57 0.00	22.79 0.64 0.00	24.24 0.66 0.00	23.84 0.58 0.00	19.79 0.25 0.00	17.71 0.18 0.00	18.76 0.15 0.00	19.10 0.06 0.00	20.75 -0.02 0.00	22.64 0.07 0.00	23.83 0.17 0.00	27.83 0.25 0.00	32.89 0.42 0.00	43.58 0.77 0.00	49.42 1.16 0.00	50.75 1.62 0.00	45.48 1.50 0.00	40.71 1.23 0.00	34.53 1.04 0.00	29.37 0.91 0.00
BEEBEE_GT_13 23619	25.83 -0.18 0.00	23.93 -0.22 0.00	21.67 -0.20 0.00	21.08 -0.13 0.00	20.23 -0.20 0.00	22.08 -0.07 0.00	23.37 -0.21 0.00	22.91 -0.35 0.00	19.12 -0.41 0.00	17.14 -0.40 0.00	18.20 -0.41 0.00	18.66 -0.38 0.00	20.41 -0.35 0.00	22.08 -0.50 0.00	23.07 -0.59 0.00	27.06 -0.52 0.00	31.59 -0.88 0.00	41.44 -1.37 0.00	46.96 -1.30 0.00	48.35 -0.79 0.00	43.19 -0.79 0.00	38.78 -0.71 0.00	33.36 -0.13 0.00	28.54 0.09 0.00
BENSHRST_27_KV_BENSHRST_1 355998	27.11 1.09 0.00	25.11 0.97 0.00	22.67 0.81 0.00	21.92 0.72 0.00	21.15 0.72 0.00	22.47 0.33 0.00	24.05 0.47 0.00	24.00 0.74 0.00	20.47 0.94 0.00	18.52 0.98 0.00	19.73 1.12 0.00	20.33 1.29 0.00	22.26 1.50 0.00	24.13 1.56 0.00	25.42 1.75 0.00	29.55 1.93 -0.04	34.67 2.21 0.00	45.12 2.31 0.00	50.63 2.37 0.00	51.25 2.11 0.00	45.96 1.98 0.00	41.27 1.78 0.00	35.20 1.71 0.00	29.82 1.37 0.00
BETHLEHEM___GRP 23843	25.91 -0.10 0.00	24.08 -0.07 0.00	21.87 0.00 0.00	21.16 -0.04 0.00	20.37 -0.06 0.00	22.05 -0.09 0.00	23.51 -0.07 0.00	23.24 -0.02 0.00	19.55 0.02 0.00	17.56 0.02 0.00	18.63 0.02 0.00	19.06 0.02 0.00	20.79 0.02 0.00	22.60 0.02 0.00	23.74 0.07 0.00	27.52 -0.03 0.03	32.47 0.00 0.00	42.86 0.04 0.00	48.22 -0.05 0.00	48.89 -0.25 0.00	43.76 -0.22 0.00	39.33 -0.16 0.00	33.22 -0.27 0.00	28.14 -0.31 0.00
BETHLEHEM___GS1 323560	25.91 -0.10 0.00	24.08 -0.07 0.00	21.87 0.00 0.00	21.16 -0.04 0.00	20.35 -0.08 0.00	22.05 -0.09 0.00	23.51 -0.07 0.00	23.24 -0.02 0.00	19.55 0.02 0.00	17.56 0.02 0.00	18.63 0.02 0.00	19.06 0.02 0.00	20.79 0.02 0.00	22.60 0.02 0.00	23.74 0.07 0.00	27.52 -0.03 0.03	32.47 0.00 0.00	42.86 0.04 0.00	48.22 -0.05 0.00	48.89 -0.24 0.00	43.76 -0.22 0.00	39.29 -0.20 0.00	33.22 -0.27 0.00	28.14 -0.31 0.00
BETHLEHEM___GS2 323561	25.91 -0.10 0.00	24.08 -0.07 0.00	21.87 0.00 0.00	21.16 -0.04 0.00	20.35 -0.08 0.00	22.05 -0.09 0.00	23.51 -0.07 0.00	23.24 -0.02 0.00	19.55 0.02 0.00	17.56 0.02 0.00	18.63 0.02 0.00	19.06 0.02 0.00	20.79 0.02 0.00	22.60 0.02 0.00	23.74 0.07 0.00	27.52 -0.03 0.03	32.47 0.00 0.00	42.86 0.04 0.00	48.22 -0.05 0.00	48.89 -0.24 0.00	43.76 -0.22 0.00	39.29 -0.20 0.00	33.22 -0.27 0.00	28.14 -0.31 0.00
BETHLEHEM___GS3 323562	25.91 -0.10 0.00	24.08 -0.07 0.00	21.87 0.00 0.00	21.16 -0.04 0.00	20.35 -0.08 0.00	22.05 -0.09 0.00	23.51 -0.07 0.00	23.24 -0.02 0.00	19.55 0.02 0.00	17.56 0.02 0.00	18.63 0.02 0.00	19.06 0.02 0.00	20.79 0.02 0.00	22.60 0.02 0.00	23.74 0.07 0.00	27.52 -0.03 0.03	32.47 0.00 0.00	42.86 0.04 0.00	48.22 -0.05 0.00	48.89 -0.24 0.00	43.76 -0.22 0.00	39.29 -0.20 0.00	33.22 -0.27 0.00	28.14 -0.31 0.00
BETHLEHEM___STEEL 23779	25.81 -0.21 0.00	23.98 -0.17 0.00	21.73 -0.13 0.00	21.08 -0.13 0.00	20.27 -0.16 0.00	22.21 0.07 0.00	23.30 -0.28 0.00	22.70 -0.56 0.00	18.95 -0.59 0.00	16.96 -0.58 0.00	18.07 -0.54 0.00	18.60 -0.44 0.00	20.33 -0.44 0.00	21.94 -0.63 0.00	23.03 -0.64 0.00	26.86 -0.72 0.00	31.14 -1.33 0.00	40.37 -2.44 0.00	46.00 -2.27 0.00	47.71 -1.42 0.00	42.44 -1.54 0.00	38.34 -1.15 0.00	33.16 -0.33 0.00	28.68 0.23 0.00
BETHLHEM_115KV_TB1 79974	25.99 -0.03 0.00	24.12 -0.02 0.00	21.91 0.04 0.00	21.20 0.00 0.00	20.43 0.00 0.00	22.10 -0.04 0.00	23.55 -0.02 0.00	23.28 0.02 0.00	19.61 0.08 0.00	17.61 0.07 0.00	18.67 0.06 0.00	19.10 0.06 0.00	20.83 0.06 0.00	22.67 0.09 0.00	23.81 0.14 0.00	27.61 0.06 0.03	32.56 0.10 0.00	42.98 0.17 0.00	48.36 0.10 0.00	49.04 -0.10 0.00	43.90 -0.09 0.00	39.45 -0.04 0.00	33.32 -0.17 0.00	28.26 -0.20 0.00
BETHPAGE_CC_5 323564	27.08 1.07 0.00	24.99 0.84 0.00	22.61 0.74 0.00	21.78 0.57 0.00	20.84 0.41 0.00	22.59 0.44 0.00	24.14 0.56 0.00	24.03 0.77 0.00	20.74 1.21 0.00	18.68 1.14 0.00	19.91 1.28 -0.01	20.44 1.39 -0.01	22.34 1.56 -0.01	29.30 1.51 -5.21	33.43 1.61 -8.16	34.46 1.79 -5.08	37.51 1.98 -3.06	45.18 2.35 -0.01	50.63 2.36 0.00	50.90 1.77 0.00	45.65 1.67 0.00	40.99 1.50 0.00	34.96 1.47 0.00	29.39 0.94 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	25.83 -0.18 0.00	23.98 -0.17 0.00	21.73 -0.13 0.00	21.08 -0.13 0.00	20.29 -0.14 0.00	22.23 0.09 0.00	23.34 -0.24 0.00	22.72 -0.53 0.00	18.97 -0.57 0.00	16.98 -0.56 0.00	18.09 -0.52 0.00	18.62 -0.42 0.00	20.35 -0.42 0.00	21.99 -0.59 0.00	23.05 -0.62 0.00	26.92 -0.66 0.00	31.17 -1.30 0.00	40.46 -2.35 0.00	46.10 -2.17 0.00	47.81 -1.33 0.00	42.49 -1.50 0.00	38.38 -1.11 0.00	33.19 -0.30 0.00	28.68 0.23 0.00
BINGHAMTON___COGEN 23790	25.99 -0.03 0.00	24.12 -0.02 0.00	21.84 -0.02 0.00	21.18 -0.02 0.00	20.39 -0.04 0.00	22.16 0.02 0.00	23.51 -0.07 0.00	23.12 -0.14 0.00	19.36 -0.18 0.00	17.36 -0.18 0.00	18.45 -0.17 0.00	18.91 -0.13 0.00	20.62 -0.15 0.00	22.37 -0.20 0.00	23.50 -0.17 0.00	27.44 -0.14 0.00	32.21 -0.26 0.00	42.38 -0.43 0.00	47.88 -0.39 0.00	49.09 -0.05 0.00	43.81 -0.18 0.00	39.33 -0.16 0.00	33.52 0.03 0.00	28.57 0.11 0.00



BIXINCNT_115KV_LOAD 355685	25.86 -0.16 0.00	24.03 -0.12 0.00	21.78 -0.09 0.00	21.14 -0.06 0.00	20.35 -0.08 0.00	22.30 0.15 0.00	23.48 -0.09 0.00	22.86 -0.40 0.00	19.06 -0.47 0.00	17.08 -0.46 0.00	18.22 -0.39 0.00	18.74 -0.30 0.00	20.46 -0.31 0.00	22.08 -0.50 0.00	23.17 -0.50 0.00	27.08 -0.50 0.00	31.40 -1.07 0.00	40.71 -2.10 0.00	46.43 -1.83 0.00	48.15 -0.98 0.00	42.71 -1.28 0.00	38.50 -0.99 0.00	33.26 -0.23 0.00	28.71 0.26 0.00
BLACK RIVER___HYD 24047	26.69 0.68 0.00	24.87 0.72 0.00	22.57 0.70 0.00	21.90 0.70 0.00	21.11 0.67 0.00	22.90 0.75 0.00	24.36 0.78 0.00	23.96 0.70 0.00	19.83 0.29 0.00	17.71 0.18 0.00	18.75 0.13 0.00	19.08 0.04 0.00	20.73 -0.04 0.00	22.62 0.05 0.00	23.81 0.14 0.00	27.91 0.33 0.00	32.98 0.52 0.00	43.84 1.03 0.00	49.77 1.50 0.00	51.35 2.21 0.00	45.96 1.98 0.00	41.07 1.58 0.00	34.80 1.30 0.00	29.54 1.08 0.00
BLACKRVR_115KV_TB2 79977	26.69 0.68 0.00	24.87 0.72 0.00	22.57 0.70 0.00	21.90 0.70 0.00	21.11 0.67 0.00	22.90 0.75 0.00	24.36 0.78 0.00	23.96 0.70 0.00	19.82 0.29 0.00	17.71 0.18 0.00	18.74 0.13 0.00	19.08 0.04 0.00	20.73 -0.04 0.00	22.62 0.05 0.00	23.81 0.14 0.00	27.91 0.33 0.00	32.99 0.52 0.00	43.84 1.03 0.00	49.76 1.50 0.00	51.35 2.21 0.00	45.96 1.98 0.00	40.95 1.46 0.00	34.80 1.31 0.00	29.54 1.08 0.00
BLDWN_LI_69_KV_BK4 356085	27.11 1.09 0.00	25.02 0.87 0.00	22.63 0.77 0.00	21.78 0.57 0.00	20.88 0.45 0.00	22.61 0.46 0.00	24.17 0.59 0.00	24.05 0.79 0.00	20.70 1.17 0.00	18.68 1.14 0.00	19.89 1.27 -0.01	20.42 1.37 -0.01	22.32 1.54 -0.01	29.97 1.56 -5.84	34.53 1.73 -9.14	35.20 1.93 -5.69	38.04 2.14 -3.43	45.44 2.61 -0.01	51.02 2.75 0.00	51.30 2.16 0.00	46.01 2.02 0.00	41.34 1.86 0.00	35.20 1.71 0.00	29.62 1.17 0.00
BLISS_WT_PWR 323608	25.91 -0.10 0.00	24.05 -0.10 0.00	21.78 -0.09 0.00	21.14 -0.06 0.00	20.50 0.06 0.00	22.30 0.16 0.00	23.51 -0.07 0.00	22.89 -0.37 0.00	19.08 -0.45 0.00	17.12 -0.42 0.00	18.22 -0.39 0.00	18.76 -0.29 0.00	20.48 -0.29 0.00	22.08 -0.50 0.00	23.19 -0.47 0.00	27.08 -0.50 0.00	31.40 -1.07 0.00	40.72 -2.10 0.00	46.48 -1.78 0.00	48.20 -0.94 0.00	42.71 -1.28 0.00	38.54 -0.95 0.00	33.26 -0.23 0.00	28.74 0.28 0.00
BLUESTONE___WT_PWR 323821	26.95 0.94 0.00	25.07 0.92 0.00	22.72 0.85 0.00	22.05 0.85 0.00	21.25 0.82 0.00	23.03 0.89 0.00	24.47 0.90 0.00	24.05 0.79 0.00	19.92 0.39 0.00	17.84 0.30 0.00	18.87 0.26 0.00	19.29 0.25 0.00	21.00 0.23 0.00	22.87 0.29 0.00	24.14 0.47 0.00	28.30 0.72 0.00	33.34 0.88 0.00	44.18 1.37 0.00	50.05 1.79 0.00	51.64 2.50 0.00	46.14 2.15 0.00	41.31 1.82 0.00	35.03 1.54 0.00	29.79 1.34 0.00
BLUE_CIRC_CHEM_DRP 24182	26.30 0.29 0.00	24.41 0.27 0.00	22.15 0.28 0.00	21.46 0.25 0.00	20.66 0.22 0.00	22.36 0.22 0.00	23.81 0.24 0.00	23.47 0.21 0.00	19.69 0.16 0.00	17.64 0.11 0.00	18.71 0.09 0.00	19.14 0.10 0.00	20.87 0.10 0.00	22.69 0.11 0.00	23.85 0.19 0.00	27.75 0.19 0.02	32.76 0.29 0.00	43.33 0.51 0.00	48.80 0.53 0.00	49.58 0.44 0.00	44.42 0.44 0.00	39.92 0.43 0.00	33.76 0.27 0.00	28.63 0.17 0.00
BOC_GAS_DRP 24189	26.15 0.13 0.00	24.27 0.12 0.00	22.02 0.15 0.00	21.31 0.11 0.00	20.54 0.10 0.00	22.21 0.07 0.00	23.70 0.12 0.00	23.42 0.16 0.00	19.73 0.20 0.00	17.71 0.18 0.00	18.80 0.19 0.00	19.25 0.21 0.00	21.02 0.25 0.00	22.83 0.25 0.00	23.97 0.31 0.00	27.86 0.30 0.02	32.82 0.36 0.00	43.33 0.51 0.00	48.70 0.43 0.00	49.43 0.29 0.00	44.25 0.26 0.00	39.76 0.28 0.00	33.63 0.13 0.00	28.51 0.06 0.00
BOONVILLE_115KV_TB1 79983	26.48 0.47 0.00	24.66 0.51 0.00	22.35 0.48 0.00	21.69 0.49 0.00	20.88 0.45 0.00	22.65 0.51 0.00	24.10 0.52 0.00	23.75 0.49 0.00	19.79 0.25 0.00	17.73 0.19 0.00	18.78 0.17 0.00	19.15 0.11 0.00	20.85 0.08 0.00	22.73 0.16 0.00	23.90 0.24 0.00	27.94 0.36 0.00	32.92 0.45 0.00	43.58 0.77 0.00	49.33 1.06 0.00	50.56 1.42 0.00	45.26 1.28 0.00	40.48 0.99 0.00	34.36 0.87 0.00	29.17 0.71 0.00
BORALEX_4TH_BRANCH 23824	26.74 0.73 0.00	24.80 0.65 0.00	22.50 0.63 0.00	21.78 0.57 0.00	21.01 0.57 0.00	22.72 0.58 0.00	24.26 0.68 0.00	24.05 0.79 0.00	20.27 0.74 0.00	18.19 0.65 0.00	19.28 0.67 0.00	19.74 0.70 0.00	21.52 0.75 0.00	23.39 0.81 0.00	24.56 0.90 0.00	28.35 0.85 0.08	33.64 1.17 0.00	44.61 1.80 0.00	50.25 1.98 0.00	50.71 1.57 0.00	45.30 1.32 0.00	40.79 1.30 0.00	34.23 0.74 0.00	29.05 0.60 0.00
BOWLINE___1 23526	26.56 0.55 0.00	24.61 0.46 0.00	22.24 0.37 0.00	21.50 0.30 0.00	20.70 0.26 0.00	22.36 0.22 0.00	23.95 0.38 0.00	23.75 0.49 0.00	20.16 0.62 0.00	18.15 0.61 0.00	19.36 0.75 0.00	19.86 0.82 0.00	21.74 0.98 0.00	23.57 0.99 0.00	24.82 1.16 0.00	28.89 1.27 -0.04	33.89 1.43 0.00	44.53 1.71 0.00	49.91 1.64 0.00	50.61 1.47 0.00	45.35 1.36 0.00	40.75 1.26 0.00	34.40 0.90 0.00	29.08 0.63 0.00
BOWLINE___2 23595	26.54 0.52 0.00	24.61 0.46 0.00	22.24 0.37 0.00	21.50 0.30 0.00	20.70 0.26 0.00	22.36 0.22 0.00	23.95 0.38 0.00	23.75 0.49 0.00	20.16 0.62 0.00	18.15 0.61 0.00	19.34 0.73 0.00	19.86 0.82 0.00	21.72 0.96 0.00	23.57 0.99 0.00	24.80 1.14 0.00	28.89 1.27 -0.04	33.86 1.40 0.00	44.53 1.71 0.00	49.91 1.64 0.00	50.61 1.47 0.00	45.30 1.32 0.00	40.75 1.26 0.00	34.36 0.87 0.00	29.08 0.63 0.00
BRADY___115KV_TB2 356060	26.90 0.88 0.00	25.04 0.89 0.00	22.65 0.79 0.00	22.01 0.81 0.00	21.23 0.80 0.00	23.05 0.91 0.00	24.50 0.92 0.00	24.07 0.81 0.00	20.06 0.53 0.00	17.98 0.44 0.00	19.06 0.45 0.00	19.44 0.40 0.00	21.16 0.39 0.00	23.10 0.52 0.00	24.26 0.59 0.00	28.24 0.66 0.00	33.28 0.81 0.00	43.97 1.16 0.00	49.91 1.64 0.00	50.81 1.67 0.00	45.61 1.63 0.00	40.79 1.30 0.00	34.70 1.21 0.00	29.60 1.14 0.00
BRANSCOMB___SOLAR 323811	26.95 0.94 0.00	25.02 0.87 0.00	22.72 0.85 0.00	21.99 0.78 0.00	21.15 0.71 0.00	22.96 0.82 0.00	24.45 0.87 0.00	24.12 0.86 0.00	20.16 0.62 0.00	17.99 0.46 0.00	18.99 0.37 0.00	19.38 0.34 0.00	21.12 0.35 0.00	23.00 0.43 0.00	24.18 0.52 0.00	28.17 0.63 0.04	33.44 0.97 0.00	44.48 1.67 0.00	50.29 2.03 0.00	51.20 2.06 0.00	45.83 1.85 0.00	41.11 1.62 0.00	34.76 1.27 0.00	29.42 0.97 0.00
BRDGHMPT_69_KV_BK1 55812	27.21 1.20 0.00	25.07 0.92 0.00	22.74 0.87 0.00	21.84 0.64 0.00	20.86 0.43 0.00	22.59 0.44 0.00	24.05 0.47 0.00	23.98 0.72 0.00	21.02 1.48 0.00	18.96 1.42 0.00	20.04 1.41 -0.01	20.55 1.50 -0.01	22.52 1.74 -0.01	28.89 1.85 -4.46	32.73 2.08 -6.98	34.39 2.45 -4.36	37.98 2.89 -2.62	46.25 3.42 -0.01	51.79 3.52 0.00	51.89 2.75 0.00	46.53 2.55 0.00	41.74 2.25 0.00	35.47 1.98 0.00	29.77 1.31 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	27.06 1.04 0.00	24.97 0.82 0.00	22.61 0.74 0.00	21.73 0.53 0.00	20.82 0.39 0.00	22.54 0.40 0.00	24.10 0.52 0.00	24.00 0.74 0.00	20.80 1.27 0.00	18.75 1.21 0.00	19.93 1.30 -0.01	20.46 1.41 -0.01	22.38 1.60 -0.01	28.76 1.65 -4.53	32.61 1.85 -7.10	34.16 2.15 -4.43	37.50 2.37 -2.66	45.56 2.74 -0.01	51.02 2.75 0.00	51.20 2.06 0.00	45.96 1.98 0.00	41.27 1.78 0.00	35.23 1.74 0.00	29.65 1.20 0.00
BRISTLHL_115KV_TB1 79998	25.49 -0.52 0.00	23.64 -0.51 0.00	21.41 -0.46 0.00	20.78 -0.42 0.00	20.03 -0.41 0.00	21.72 -0.42 0.00	23.08 -0.50 0.00	22.75 -0.51 0.00	19.06 -0.47 0.00	17.12 -0.42 0.00	18.15 -0.47 0.00	18.56 -0.48 0.00	20.25 -0.52 0.00	22.01 -0.56 0.00	23.00 -0.66 0.00	26.86 -0.72 0.00	31.66 -0.81 0.00	41.74 -1.07 0.00	47.11 -1.16 0.00	48.15 -0.98 0.00	43.02 -0.97 0.00	38.58 -0.91 0.00	32.82 -0.67 0.00	27.89 -0.57 0.00
BROOKHAVEN___DRP 24191	26.72 0.70 0.00	24.63 0.48 0.00	22.35 0.48 0.00	21.48 0.28 0.00	20.56 0.12 0.00	22.25 0.11 0.00	23.77 0.19 0.00	23.68 0.42 0.00	20.68 1.15 0.00	18.64 1.10 0.00	19.68 1.06 -0.01	20.19 1.14 -0.01	22.11 1.33 -0.01	28.39 1.35 -4.46	32.18 1.54 -6.98	33.75 1.82 -4.35	37.16 2.08 -2.62	45.18 2.35 -0.01	50.63 2.37 0.00	50.76 1.62 0.00	45.57 1.58 0.00	40.91 1.42 0.00	34.83 1.34 0.00	29.25 0.80 0.00
BROOKLYN_NAVY_YARD 23515	26.77 0.75 0.00	24.78 0.63 0.00	22.39 0.52 0.00	21.65 0.45 0.00	20.84 0.41 0.00	22.50 0.35 0.00	24.12 0.54 0.00	23.96 0.70 0.00	20.41 0.88 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.20 1.16 0.00	22.10 1.33 0.00	23.95 1.38 0.00	25.23 1.56 0.00	29.33 1.71 -0.04	34.41 1.95 0.00	45.12 2.31 0.00	50.44 2.17 0.00	51.05 1.91 0.00	45.79 1.80 0.00	41.22 1.74 0.00	34.80 1.30 0.00	29.39 0.94 0.00
BROOKLYN___ARMY_DRP 323595	27.00 0.99 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.09 0.65 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.91 2.10 0.00	50.39 2.12 0.00	51.00 1.87 0.00	45.74 1.76 0.00	41.07 1.58 0.00	35.03 1.54 0.00	29.71 1.25 0.00
BROOME_2_LFGE 323671	26.01 0.00 0.00	24.12 -0.02 0.00	21.84 -0.02 0.00	21.18 -0.02 0.00	20.43 0.00 0.00	22.16 0.02 0.00	23.51 -0.07 0.00	23.12 -0.14 0.00	19.36 -0.18 0.00	17.36 -0.18 0.00	18.45 -0.17 0.00	18.91 -0.13 0.00	20.62 -0.14 0.00	22.37 -0.20 0.00	23.50 -0.16 0.00	27.44 -0.14 0.00	32.21 -0.26 0.00	42.38 -0.43 0.00	47.88 -0.39 0.00	49.09 -0.05 0.00	43.81 -0.18 0.00	39.33 -0.16 0.00	33.53 0.03 0.00	28.57 0.11 0.00
BROOME___LFGE 323600	26.01 0.00 0.00	24.12 -0.02 0.00	21.84 -0.02 0.00	21.18 -0.02 0.00	20.43 0.00 0.00	22.16 0.02 0.00	23.51 -0.07 0.00	23.12 -0.14 0.00	19.36 -0.18 0.00	17.36 -0.18 0.00	18.45 -0.17 0.00	18.91 -0.13 0.00	20.62 -0.14 0.00	22.37 -0.20 0.00	23.50 -0.16 0.00	27.44 -0.14 0.00	32.21 -0.26 0.00	42.38 -0.43 0.00	47.88 -0.39 0.00	49.09 -0.05 0.00	43.81 -0.18 0.00	39.33 -0.16 0.00	33.53 0.03 0.00	28.57 0.11 0.00
BROWNFLS_115KV_TB_3_5 80003	26.64 0.62 0.00	24.80 0.65 0.00	22.48 0.61 0.00	21.82 0.61 0.00	21.03 0.59 0.00	22.85 0.71 0.00	24.26 0.68 0.00	23.86 0.60 0.00	19.84 0.31 0.00	17.77 0.23 0.00	18.84 0.22 0.00	19.17 0.13 0.00	20.87 0.10 0.00	22.78 0.20 0.00	23.95 0.28 0.00	27.88 0.30 0.00	32.89 0.42 0.00	43.50 0.69 0.00	49.33 1.06 0.00	50.46 1.33 0.00	45.30 1.32 0.00	40.44 0.95 0.00	34.46 0.97 0.00	29.40 0.94 0.00
BROWNSV1_27_KV_LOAD 356125	27.00 0.99 0.00	24.99 0.85 0.00	22.59 0.72 0.00	21.82 0.61 0.00	21.03 0.59 0.00	22.67 0.53 0.00	24.31 0.73 0.00	24.12 0.86 0.00	20.57 1.04 0.00	18.57 1.03 0.00	19.79 1.17 0.00	20.35 1.31 0.00	22.26 1.50 0.00	24.13 1.56 0.00	25.42 1.75 0.00	29.58 1.96 -0.04	34.67 2.21 0.00	45.51 2.70 0.00	50.92 2.65 0.00	51.54 2.41 0.00	46.27 2.29 0.00	41.66 2.17 0.00	35.07 1.57 0.00	29.65 1.20 0.00
BURROWS___LYONSDAL 23803	26.51 0.49 0.00	24.68 0.53 0.00	22.37 0.50 0.00	21.71 0.51 0.00	20.93 0.49 0.00	22.67 0.53 0.00	24.12 0.54 0.00	23.77 0.51 0.00	19.79 0.25 0.00	17.71 0.18 0.00	18.78 0.17 0.00	19.15 0.11 0.00	20.83 0.06 0.00	22.71 0.14 0.00	23.88 0.21 0.00	27.91 0.33 0.00	32.92 0.45 0.00	43.63 0.81 0.00	49.33 1.06 0.00	50.61 1.47 0.00	45.30 1.32 0.00	40.52 1.03 0.00	34.40 0.90 0.00	29.23 0.77 0.00
CAITHNESS_CC_1 323624	26.72 0.70 0.00	24.66 0.51 0.00	22.37 0.50 0.00	21.48 0.27 0.00	20.56 0.12 0.00	22.28 0.13 0.00	23.79 0.21 0.00	23.70 0.44 0.00	20.66 1.13 0.00	18.61 1.07 0.00	19.70 1.08 -0.01	20.21 1.16 -0.01	22.11 1.33 -0.01	28.39 1.35 -4.46	32.18 1.54 -6.98	33.75 1.82 -4.35	37.13 2.05 -2.62	45.13 2.31 -0.01	50.58 2.32 0.00	50.71 1.57 0.00	45.56 1.58 0.00	40.87 1.38 0.00	34.83 1.34 0.00	29.17 0.71 0.00
CALPINE BETH_PAGE_GT4 24209	27.11 1.09 0.00	25.02 0.87 0.00	22.63 0.77 0.00	21.80 0.59 0.00	20.88 0.45 0.00	22.61 0.46 0.00	24.17 0.59 0.00	24.05 0.79 0.00	20.74 1.21 0.00	18.71 1.18 0.00	19.93 1.30 -0.01	20.46 1.41 -0.01	22.36 1.58 -0.01	29.64 1.51 -5.55	33.99 1.63 -8.69	34.76 1.77 -5.41	37.68 1.95 -3.26	45.14 2.31 -0.01	50.63 2.37 0.00	50.85 1.72 0.00	45.65 1.67 0.00	41.03 1.54 0.00	35.00 1.51 0.00	29.48 1.02 0.00
CALPINE_BETH_PAGE_GT_4 323586	27.11 1.09 0.00	25.02 0.87 0.00	22.63 0.76 0.00	21.80 0.59 0.00	20.86 0.43 0.00	22.61 0.47 0.00	24.17 0.59 0.00	24.05 0.79 0.00	20.74 1.21 0.00	18.68 1.14 0.00	19.93 1.30 -0.01	20.46 1.41 -0.01	22.36 1.58 -0.01	29.64 1.51 -5.55	33.99 1.63 -8.69	34.76 1.77 -5.41	37.68 1.95 -3.26	45.14 2.31 -0.01	50.63 2.36 0.00	50.85 1.72 0.00	45.65 1.67 0.00	40.99 1.50 0.00	35.00 1.51 0.00	29.42 0.97 0.00
CALPINE_BP_GT1 23823	27.11 1.09 0.00	25.02 0.87 0.00	22.63 0.76 0.00	21.80 0.59 0.00	20.86 0.43 0.00	22.61 0.47 0.00	24.17 0.59 0.00	24.05 0.79 0.00	20.74 1.21 0.00	18.68 1.14 0.00	19.93 1.30 -0.01	20.46 1.41 -0.01	22.36 1.58 -0.01	29.64 1.51 -5.55	33.99 1.63 -8.69	34.76 1.77 -5.41	37.68 1.95 -3.26	45.14 2.31 -0.01	50.63 2.36 0.00	50.85 1.72 0.00	45.65 1.67 0.00	40.99 1.50 0.00	35.00 1.51 0.00	29.42 0.97 0.00
CALSPAN___DRP 24200	25.81 -0.21 0.00	23.98 -0.17 0.00	21.73 -0.13 0.00	21.08 -0.13 0.00	20.27 -0.16 0.00	22.21 0.07 0.00	23.30 -0.28 0.00	22.70 -0.56 0.00	18.95 -0.59 0.00	16.96 -0.58 0.00	18.07 -0.54 0.00	18.60 -0.44 0.00	20.33 -0.44 0.00	21.94 -0.63 0.00	23.03 -0.64 0.00	26.86 -0.72 0.00	31.14 -1.33 0.00	40.37 -2.44 0.00	46.00 -2.27 0.00	47.71 -1.42 0.00	42.44 -1.54 0.00	38.34 -1.15 0.00	33.16 -0.33 0.00	28.68 0.23 0.00



CALVERTON___SOLAR 323806	26.74 0.73 0.00	24.66 0.51 0.00	22.37 0.50 0.00	21.50 0.30 0.00	20.54 0.10 0.00	22.28 0.13 0.00	23.77 0.19 0.00	23.70 0.44 0.00	20.72 1.19 0.00	18.64 1.11 0.00	19.70 1.08 -0.01	20.21 1.16 -0.01	22.11 1.33 -0.01	28.41 1.38 -4.46	32.21 1.56 -6.98	33.81 1.88 -4.36	37.23 2.14 -2.62	45.26 2.44 -0.01	50.73 2.46 0.00	50.85 1.72 0.00	45.65 1.67 0.00	40.99 1.50 0.00	34.90 1.41 0.00	29.20 0.74 0.00
CANDIGU_WT_PWR 323617	25.96 -0.05 0.00	24.08 -0.07 0.00	21.78 -0.09 0.00	21.16 -0.04 0.00	20.46 0.02 0.00	22.23 0.09 0.00	23.44 -0.14 0.00	22.89 -0.37 0.00	19.01 -0.53 0.00	17.00 -0.54 0.00	18.07 -0.54 0.00	18.53 -0.51 0.00	20.27 -0.50 0.00	21.94 -0.63 0.00	23.03 -0.64 0.00	26.95 -0.63 0.00	31.46 -1.01 0.00	41.14 -1.67 0.00	46.87 -1.40 0.00	48.55 -0.59 0.00	43.24 -0.75 0.00	38.90 -0.59 0.00	33.42 -0.07 0.00	28.68 0.23 0.00
CARR STREET_E_SYR 24060	25.63 -0.39 0.00	23.76 -0.39 0.00	21.51 -0.35 0.00	20.89 -0.32 0.00	20.13 -0.31 0.00	21.83 -0.31 0.00	23.18 -0.40 0.00	22.84 -0.42 0.00	19.16 -0.37 0.00	17.21 -0.33 0.00	18.24 -0.37 0.00	18.66 -0.38 0.00	20.35 -0.42 0.00	22.10 -0.48 0.00	23.12 -0.54 0.00	27.03 -0.55 0.00	31.78 -0.68 0.00	41.78 -1.03 0.00	47.16 -1.11 0.00	48.20 -0.94 0.00	43.10 -0.88 0.00	38.66 -0.83 0.00	32.99 -0.50 0.00	28.03 -0.43 0.00
CARTHAGE___PAPER 23857	26.67 0.65 0.00	24.82 0.68 0.00	22.50 0.63 0.00	21.84 0.64 0.00	21.07 0.63 0.00	22.85 0.71 0.00	24.33 0.75 0.00	23.93 0.67 0.00	19.83 0.29 0.00	17.73 0.19 0.00	18.78 0.17 0.00	19.10 0.06 0.00	20.77 0.00 0.00	22.67 0.09 0.00	23.85 0.19 0.00	27.91 0.33 0.00	32.98 0.52 0.00	43.75 0.94 0.00	49.67 1.40 0.00	51.10 1.97 0.00	45.79 1.80 0.00	40.95 1.46 0.00	34.70 1.20 0.00	29.48 1.02 0.00
CASSADAGA_WT_PWR 323784	26.25 0.23 0.00	24.37 0.22 0.00	22.04 0.17 0.00	21.42 0.21 0.00	20.78 0.35 0.00	22.65 0.51 0.00	23.93 0.35 0.00	23.35 0.09 0.00	19.42 -0.12 0.00	17.43 -0.10 0.00	18.58 -0.04 0.00	19.16 0.11 0.00	20.91 0.15 0.00	22.60 0.02 0.00	23.69 0.02 0.00	27.66 0.08 0.00	32.01 -0.45 0.00	41.48 -1.33 0.00	47.35 -0.92 0.00	49.18 0.05 0.00	43.59 -0.40 0.00	39.33 -0.16 0.00	33.83 0.33 0.00	29.11 0.66 0.00
CE_DUNWOOD___DRP 24194	26.72 0.70 0.00	24.73 0.58 0.00	22.37 0.50 0.00	21.63 0.42 0.00	20.82 0.39 0.00	22.47 0.33 0.00	24.07 0.50 0.00	23.89 0.63 0.00	20.29 0.76 0.00	18.31 0.77 0.00	19.49 0.87 0.00	20.03 0.99 0.00	21.91 1.14 0.00	23.77 1.20 0.00	25.01 1.35 0.00	29.11 1.49 -0.04	34.16 1.69 0.00	44.87 2.05 0.00	50.25 1.98 0.00	50.90 1.77 0.00	45.61 1.63 0.00	41.07 1.58 0.00	34.60 1.11 0.00	29.28 0.83 0.00
CE_MILLWOOD___DRP 24193	26.67 0.65 0.00	24.68 0.53 0.00	22.32 0.46 0.00	21.58 0.38 0.00	20.80 0.37 0.00	22.45 0.31 0.00	24.05 0.47 0.00	23.84 0.58 0.00	20.25 0.72 0.00	18.26 0.72 0.00	19.43 0.82 0.00	19.97 0.93 0.00	21.85 1.08 0.00	23.68 1.11 0.00	24.94 1.28 0.00	29.03 1.41 -0.04	34.06 1.59 0.00	44.74 1.93 0.00	50.10 1.83 0.00	50.76 1.62 0.00	45.48 1.50 0.00	40.95 1.46 0.00	34.53 1.04 0.00	29.20 0.74 0.00
CE_NYC2_DRP 24202	26.93 0.91 0.00	24.92 0.77 0.00	22.50 0.63 0.00	21.78 0.57 0.00	21.01 0.57 0.00	22.41 0.27 0.00	24.00 0.42 0.00	23.91 0.65 0.00	20.41 0.88 0.00	18.47 0.93 0.00	19.67 1.06 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.02 1.44 0.00	25.27 1.61 0.00	29.36 1.74 -0.04	34.42 1.95 0.00	44.87 2.05 0.00	50.20 1.93 0.00	50.81 1.67 0.00	45.57 1.58 0.00	41.07 1.58 0.00	34.83 1.34 0.00	29.54 1.08 0.00
CE_NYC_DRP 24195	26.85 0.83 0.00	24.85 0.70 0.00	22.46 0.59 0.00	21.71 0.51 0.00	20.91 0.47 0.00	22.54 0.40 0.00	24.17 0.59 0.00	24.00 0.74 0.00	20.45 0.92 0.00	18.47 0.93 0.00	19.67 1.06 0.00	20.24 1.20 0.00	22.14 1.37 0.00	24.00 1.42 0.00	25.27 1.61 0.00	29.39 1.77 -0.04	34.48 2.01 0.00	45.21 2.40 0.00	50.58 2.32 0.00	51.20 2.06 0.00	45.92 1.94 0.00	41.38 1.90 0.00	34.83 1.34 0.00	29.45 1.00 0.00
CHAFFEE___LFGE 323603	25.86 -0.16 0.00	24.00 -0.14 0.00	21.71 -0.15 0.00	21.08 -0.13 0.00	20.43 0.00 0.00	22.23 0.09 0.00	23.34 -0.24 0.00	22.75 -0.51 0.00	18.96 -0.57 0.00	17.00 -0.54 0.00	18.09 -0.52 0.00	18.62 -0.42 0.00	20.35 -0.42 0.00	21.99 -0.59 0.00	23.07 -0.59 0.00	26.92 -0.66 0.00	31.20 -1.27 0.00	40.46 -2.35 0.00	46.14 -2.12 0.00	47.86 -1.28 0.00	42.53 -1.45 0.00	38.50 -0.99 0.00	33.22 -0.27 0.00	28.68 0.23 0.00
CHATEAUG_35_KV_LOAD 355732	26.69 0.68 0.00	24.80 0.65 0.00	22.43 0.57 0.00	21.78 0.57 0.00	21.01 0.57 0.00	22.85 0.71 0.00	24.33 0.75 0.00	23.96 0.70 0.00	20.02 0.49 0.00	17.96 0.42 0.00	19.06 0.45 0.00	19.44 0.40 0.00	21.20 0.44 0.00	23.10 0.52 0.00	24.23 0.57 0.00	28.24 0.66 0.00	33.28 0.81 0.00	43.88 1.07 0.00	49.76 1.50 0.00	50.46 1.33 0.00	45.26 1.28 0.00	40.48 0.99 0.00	34.36 0.87 0.00	29.25 0.80 0.00
CHATEAUG_WT_PWR 323614	26.64 0.62 0.00	24.75 0.60 0.00	22.39 0.52 0.00	21.73 0.53 0.00	20.97 0.53 0.00	22.79 0.64 0.00	24.26 0.68 0.00	23.89 0.63 0.00	19.98 0.45 0.00	17.92 0.39 0.00	19.02 0.41 0.00	19.42 0.38 0.00	21.16 0.39 0.00	23.05 0.47 0.00	24.18 0.52 0.00	28.19 0.61 0.00	33.18 0.71 0.00	43.75 0.94 0.00	49.57 1.30 0.00	50.31 1.18 0.00	45.08 1.10 0.00	40.43 0.95 0.00	34.26 0.77 0.00	29.17 0.71 0.00
CHAT_HIGH_FALL_HYD 323578	26.69 0.68 0.00	24.80 0.65 0.00	22.43 0.57 0.00	21.78 0.57 0.00	21.01 0.57 0.00	22.85 0.71 0.00	24.33 0.75 0.00	23.96 0.70 0.00	20.02 0.49 0.00	17.96 0.42 0.00	19.06 0.45 0.00	19.44 0.40 0.00	21.20 0.44 0.00	23.10 0.52 0.00	24.23 0.57 0.00	28.24 0.66 0.00	33.28 0.81 0.00	43.88 1.07 0.00	49.76 1.50 0.00	50.46 1.33 0.00	45.26 1.28 0.00	40.48 0.99 0.00	34.36 0.87 0.00	29.25 0.80 0.00
CHAUTAUQUA___LFGE 323629	26.09 0.08 0.00	24.22 0.07 0.00	21.91 0.04 0.00	21.29 0.09 0.00	20.64 0.20 0.00	22.45 0.31 0.00	23.58 0.00 0.00	23.00 -0.26 0.00	19.16 -0.37 0.00	17.19 -0.35 0.00	18.34 -0.28 0.00	18.87 -0.17 0.00	20.62 -0.14 0.00	22.26 -0.32 0.00	23.36 -0.31 0.00	27.28 -0.30 0.00	31.59 -0.88 0.00	41.06 -1.76 0.00	46.82 -1.45 0.00	48.60 -0.54 0.00	43.15 -0.84 0.00	38.97 -0.51 0.00	33.56 0.07 0.00	28.94 0.48 0.00
CHERRYST_13_KV_LD 356241	26.93 0.91 0.00	24.92 0.77 0.00	22.52 0.66 0.00	21.75 0.55 0.00	20.97 0.53 0.00	22.61 0.46 0.00	24.24 0.66 0.00	24.07 0.81 0.00	20.51 0.98 0.00	18.52 0.98 0.00	19.73 1.12 0.00	20.30 1.26 0.00	22.20 1.43 0.00	24.07 1.49 0.00	25.34 1.68 0.00	29.50 1.88 -0.04	34.58 2.11 0.00	45.38 2.57 0.00	50.73 2.46 0.00	51.35 2.21 0.00	46.05 2.07 0.00	41.50 2.01 0.00	34.93 1.44 0.00	29.54 1.08 0.00



CHESTROR_138KV_BK263 355645	26.43 0.42 0.00	24.49 0.34 0.00	22.15 0.28 0.00	21.44 0.23 0.00	20.64 0.20 0.00	22.32 0.18 0.00	23.86 0.28 0.00	23.61 0.35 0.00	20.00 0.47 0.00	17.99 0.46 0.00	19.15 0.54 0.00	19.65 0.61 0.00	21.49 0.73 0.00	23.34 0.77 0.00	24.54 0.88 0.00	28.61 0.99 -0.03	33.57 1.10 0.00	44.18 1.37 0.00	49.62 1.35 0.00	50.36 1.23 0.00	45.08 1.10 0.00	40.55 1.07 0.00	34.19 0.70 0.00	28.97 0.51 0.00
CH_MIDHUDSON___DRP 24192	26.64 0.62 0.00	24.68 0.53 0.00	22.32 0.46 0.00	21.58 0.38 0.00	20.80 0.37 0.00	22.47 0.33 0.00	24.05 0.47 0.00	23.82 0.56 0.00	20.16 0.63 0.00	18.15 0.61 0.00	19.30 0.69 0.00	19.80 0.76 0.00	21.68 0.91 0.00	23.55 0.97 0.00	24.75 1.09 0.00	28.83 1.21 -0.03	33.86 1.40 0.00	44.65 1.84 0.00	50.05 1.79 0.00	50.71 1.57 0.00	45.43 1.45 0.00	40.87 1.38 0.00	34.43 0.94 0.00	29.14 0.68 0.00
CH_MISC_IPPS 23765	26.74 0.73 0.00	24.78 0.63 0.00	22.39 0.52 0.00	21.65 0.45 0.00	20.84 0.41 0.00	22.54 0.40 0.00	24.14 0.56 0.00	23.86 0.60 0.00	20.22 0.68 0.00	18.17 0.63 0.00	19.34 0.73 0.00	19.84 0.80 0.00	21.74 0.98 0.00	23.64 1.06 0.00	24.85 1.18 0.00	28.97 1.35 -0.03	34.03 1.56 0.00	44.87 2.05 0.00	50.29 2.03 0.00	51.05 1.91 0.00	45.70 1.71 0.00	41.07 1.58 0.00	34.63 1.14 0.00	29.28 0.83 0.00
CH_RES_BVR_FALLS 23983	26.12 0.10 0.00	24.25 0.10 0.00	21.98 0.11 0.00	21.31 0.11 0.00	20.54 0.10 0.00	22.28 0.13 0.00	23.70 0.12 0.00	23.38 0.12 0.00	19.61 0.08 0.00	17.61 0.07 0.00	18.67 0.06 0.00	19.10 0.06 0.00	20.81 0.04 0.00	22.64 0.07 0.00	23.74 0.07 0.00	27.66 0.08 0.00	32.56 0.10 0.00	42.94 0.13 0.00	48.46 0.19 0.00	49.28 0.15 0.00	44.16 0.18 0.00	39.65 0.16 0.00	33.63 0.13 0.00	28.60 0.14 0.00
CH_RES_NIAGARA 23895	25.44 -0.57 0.00	23.67 -0.48 0.00	21.17 -0.70 0.00	20.80 -0.40 0.00	20.01 -0.43 0.00	21.61 -0.53 0.00	22.64 -0.94 0.00	22.07 -1.19 0.00	18.44 -1.09 0.00	16.50 -1.03 0.00	17.59 -1.02 0.00	18.09 -0.95 0.00	19.77 -1.00 0.00	21.34 -1.24 0.00	22.36 -1.30 0.00	26.04 -1.54 0.00	30.13 -2.34 0.00	38.96 -3.85 0.00	44.31 -3.96 0.00	45.94 -3.19 0.00	40.99 -2.99 0.00	37.12 -2.37 0.00	32.22 -1.27 0.00	27.89 -0.57 0.00
CH_RES_SYRACUSE 23985	25.75 -0.26 0.00	23.88 -0.27 0.00	21.63 -0.24 0.00	20.99 -0.21 0.00	20.23 -0.20 0.00	21.94 -0.20 0.00	23.30 -0.28 0.00	22.96 -0.30 0.00	19.22 -0.31 0.00	17.28 -0.26 0.00	18.30 -0.32 0.00	18.72 -0.32 0.00	20.41 -0.35 0.00	22.19 -0.38 0.00	23.21 -0.45 0.00	27.14 -0.44 0.00	31.98 -0.49 0.00	42.13 -0.69 0.00	47.54 -0.72 0.00	48.64 -0.49 0.00	43.46 -0.53 0.00	38.97 -0.51 0.00	33.19 -0.30 0.00	28.20 -0.26 0.00
CLINTON_WT_PWR 323605	26.64 0.62 0.00	24.75 0.60 0.00	22.39 0.52 0.00	21.73 0.53 0.00	20.97 0.53 0.00	22.79 0.64 0.00	24.26 0.68 0.00	23.89 0.63 0.00	19.98 0.45 0.00	17.92 0.39 0.00	19.02 0.41 0.00	19.42 0.38 0.00	21.16 0.39 0.00	23.05 0.47 0.00	24.18 0.52 0.00	28.19 0.61 0.00	33.18 0.71 0.00	43.75 0.94 0.00	49.57 1.30 0.00	50.31 1.18 0.00	45.08 1.10 0.00	40.43 0.95 0.00	34.26 0.77 0.00	29.17 0.71 0.00
CLINTON___LFGE 323618	27.03 1.01 0.00	25.12 0.97 0.00	22.72 0.85 0.00	22.05 0.85 0.00	21.27 0.84 0.00	23.18 1.04 0.00	24.69 1.11 0.00	24.31 1.05 0.00	20.29 0.76 0.00	18.19 0.65 0.00	19.28 0.67 0.00	19.67 0.63 0.00	21.45 0.68 0.00	23.41 0.84 0.00	24.54 0.88 0.00	28.65 1.07 0.00	33.77 1.30 0.00	44.57 1.76 0.00	50.63 2.36 0.00	51.29 2.16 0.00	45.96 1.98 0.00	41.19 1.70 0.00	34.80 1.30 0.00	29.62 1.17 0.00
COBBLENY_34_KV_TB1 80064	25.83 -0.18 0.00	23.98 -0.17 0.00	21.73 -0.13 0.00	21.08 -0.13 0.00	20.27 -0.16 0.00	22.23 0.09 0.00	23.34 -0.24 0.00	22.75 -0.51 0.00	18.97 -0.57 0.00	16.98 -0.56 0.00	18.09 -0.52 0.00	18.62 -0.42 0.00	20.35 -0.42 0.00	21.99 -0.59 0.00	23.07 -0.59 0.00	26.92 -0.66 0.00	31.20 -1.27 0.00	40.46 -2.35 0.00	46.14 -2.12 0.00	47.86 -1.28 0.00	42.53 -1.45 0.00	38.42 -1.07 0.00	33.22 -0.27 0.00	28.68 0.23 0.00
COFFEEN___115KV_TB3 355620	26.80 0.78 0.00	24.97 0.82 0.00	22.65 0.79 0.00	21.99 0.78 0.00	21.19 0.76 0.00	22.98 0.84 0.00	24.45 0.87 0.00	24.05 0.79 0.00	19.86 0.33 0.00	17.75 0.21 0.00	18.78 0.17 0.00	19.10 0.06 0.00	20.75 -0.02 0.00	22.64 0.07 0.00	23.85 0.19 0.00	27.97 0.39 0.00	33.08 0.62 0.00	44.01 1.20 0.00	50.00 1.74 0.00	51.64 2.51 0.00	46.23 2.24 0.00	41.19 1.70 0.00	34.97 1.47 0.00	29.68 1.22 0.00
COLDSPRG_115KV_BK1 355956	26.22 0.21 0.00	24.34 0.19 0.00	22.06 0.20 0.00	21.42 0.21 0.00	20.64 0.20 0.00	22.63 0.49 0.00	24.00 0.42 0.00	23.40 0.14 0.00	19.45 -0.08 0.00	17.43 -0.11 0.00	18.60 -0.02 0.00	19.17 0.13 0.00	20.93 0.17 0.00	22.60 0.02 0.00	23.74 0.07 0.00	27.75 0.17 0.00	32.11 -0.36 0.00	41.49 -1.33 0.00	47.35 -0.92 0.00	49.23 0.10 0.00	43.59 -0.40 0.00	39.25 -0.24 0.00	33.79 0.30 0.00	29.11 0.65 0.00
COLONIE_LFGE___ 323577	26.56 0.55 0.00	24.66 0.51 0.00	22.37 0.50 0.00	21.67 0.47 0.00	20.84 0.41 0.00	22.59 0.44 0.00	24.10 0.52 0.00	23.82 0.56 0.00	20.02 0.49 0.00	17.94 0.40 0.00	19.01 0.39 0.00	19.44 0.40 0.00	21.18 0.42 0.00	23.05 0.47 0.00	24.21 0.54 0.00	28.08 0.55 0.05	33.28 0.81 0.00	44.05 1.24 0.00	49.67 1.40 0.00	50.31 1.18 0.00	45.04 1.05 0.00	40.40 0.91 0.00	34.13 0.63 0.00	28.94 0.48 0.00
COOPERNY_115KV_TB1 80082	26.28 0.26 0.00	24.37 0.22 0.00	22.06 0.20 0.00	21.35 0.15 0.00	20.56 0.12 0.00	22.23 0.09 0.00	23.77 0.19 0.00	23.49 0.23 0.00	19.82 0.29 0.00	17.84 0.30 0.00	18.97 0.35 0.00	19.46 0.42 0.00	21.27 0.50 0.00	23.07 0.50 0.00	24.28 0.62 0.00	28.26 0.66 -0.02	33.21 0.75 0.00	43.71 0.90 0.00	49.14 0.87 0.00	49.92 0.79 0.00	44.73 0.75 0.00	40.20 0.71 0.00	33.96 0.47 0.00	28.80 0.34 0.00
COPENHAGEN_WT_PWR 323753	26.59 0.57 0.00	24.75 0.60 0.00	22.43 0.57 0.00	21.80 0.59 0.00	21.01 0.57 0.00	22.79 0.64 0.00	24.24 0.66 0.00	23.84 0.58 0.00	19.75 0.22 0.00	17.66 0.12 0.00	18.69 0.07 0.00	19.02 -0.02 0.00	20.69 -0.08 0.00	22.55 -0.02 0.00	23.74 0.07 0.00	27.80 0.22 0.00	32.86 0.39 0.00	43.62 0.81 0.00	49.52 1.25 0.00	51.05 1.91 0.00	45.70 1.71 0.00	40.83 1.34 0.00	34.60 1.10 0.00	29.39 0.94 0.00
CORNELL_____ 23752	26.25 0.23 0.00	24.34 0.19 0.00	22.04 0.17 0.00	21.42 0.21 0.00	20.62 0.18 0.00	22.41 0.27 0.00	23.77 0.19 0.00	23.40 0.14 0.00	19.53 0.00 0.00	17.49 -0.05 0.00	18.54 -0.07 0.00	18.96 -0.08 0.00	20.66 -0.10 0.00	22.46 -0.11 0.00	23.57 -0.09 0.00	27.61 0.03 0.00	32.56 0.10 0.00	42.98 0.17 0.00	48.60 0.34 0.00	49.87 0.74 0.00	44.51 0.53 0.00	39.84 0.36 0.00	33.96 0.47 0.00	28.86 0.40 0.00



CORONA__69_KV_TB1 355595	27.11 1.09 0.00	25.04 0.89 0.00	22.63 0.77 0.00	21.80 0.59 0.00	20.93 0.49 0.00	22.63 0.49 0.00	24.19 0.61 0.00	24.05 0.79 0.00	20.68 1.15 0.00	18.66 1.12 0.00	19.88 1.25 -0.02	20.43 1.37 -0.02	22.30 1.52 -0.02	32.13 1.56 -7.99	37.91 1.73 -12.51	37.28 1.93 -7.77	39.31 2.14 -4.70	45.48 2.65 -0.02	51.07 2.80 0.00	51.39 2.26 0.00	46.09 2.11 0.00	41.46 1.97 0.00	35.23 1.74 0.00	29.68 1.22 0.00
CORTLAND__115KV_TB3 80093	26.07 0.05 0.00	24.17 0.02 0.00	21.89 0.02 0.00	21.25 0.04 0.00	20.46 0.02 0.00	22.23 0.09 0.00	23.60 0.02 0.00	23.24 -0.02 0.00	19.43 -0.10 0.00	17.42 -0.12 0.00	18.48 -0.13 0.00	18.91 -0.13 0.00	20.62 -0.15 0.00	22.42 -0.16 0.00	23.50 -0.17 0.00	27.50 -0.08 0.00	32.37 -0.10 0.00	42.68 -0.13 0.00	48.22 -0.05 0.00	49.38 0.25 0.00	44.12 0.13 0.00	39.53 0.04 0.00	33.66 0.17 0.00	28.63 0.17 0.00
COXSACKIE__GT 23611	26.93 0.91 0.00	25.02 0.87 0.00	22.63 0.76 0.00	21.92 0.72 0.00	21.07 0.63 0.00	22.90 0.75 0.00	24.47 0.90 0.00	23.96 0.70 0.00	20.02 0.49 0.00	17.84 0.30 0.00	18.84 0.22 0.00	19.23 0.19 0.00	21.06 0.29 0.00	23.00 0.43 0.00	24.16 0.50 0.00	28.45 0.88 0.01	33.54 1.07 0.00	44.78 1.97 0.00	50.54 2.27 0.00	51.40 2.26 0.00	45.96 1.98 0.00	41.19 1.70 0.00	34.73 1.24 0.00	29.39 0.94 0.00
CPV_VALLEY__CC1 323721	26.28 0.26 0.00	24.37 0.22 0.00	22.04 0.17 0.00	21.31 0.11 0.00	20.52 0.08 0.00	22.19 0.04 0.00	23.74 0.17 0.00	23.49 0.23 0.00	19.88 0.35 0.00	17.89 0.35 0.00	19.04 0.43 0.00	19.53 0.49 0.00	21.37 0.60 0.00	23.19 0.61 0.00	24.40 0.73 0.00	28.41 0.80 -0.03	33.34 0.88 0.00	43.84 1.03 0.00	49.23 0.96 0.00	49.97 0.83 0.00	44.73 0.75 0.00	40.20 0.71 0.00	33.96 0.47 0.00	28.80 0.34 0.00
CPV_VALLEY__CC2 323722	26.28 0.26 0.00	24.37 0.22 0.00	22.04 0.17 0.00	21.31 0.11 0.00	20.52 0.08 0.00	22.19 0.04 0.00	23.74 0.17 0.00	23.49 0.23 0.00	19.88 0.35 0.00	17.89 0.35 0.00	19.04 0.43 0.00	19.53 0.49 0.00	21.37 0.60 0.00	23.19 0.61 0.00	24.40 0.73 0.00	28.41 0.80 -0.03	33.34 0.88 0.00	43.84 1.03 0.00	49.23 0.96 0.00	49.97 0.83 0.00	44.73 0.75 0.00	40.20 0.71 0.00	33.96 0.47 0.00	28.80 0.34 0.00
CRESCENT__HYD 24018	26.56 0.55 0.00	24.66 0.51 0.00	22.37 0.50 0.00	21.67 0.47 0.00	20.84 0.41 0.00	22.59 0.44 0.00	24.10 0.52 0.00	23.82 0.56 0.00	20.02 0.49 0.00	17.94 0.40 0.00	19.01 0.39 0.00	19.44 0.40 0.00	21.18 0.42 0.00	23.05 0.47 0.00	24.21 0.54 0.00	28.08 0.55 0.05	33.28 0.81 0.00	44.05 1.24 0.00	49.67 1.40 0.00	50.31 1.18 0.00	45.04 1.05 0.00	40.40 0.91 0.00	34.13 0.63 0.00	28.94 0.48 0.00
CRICKET__VALLEY_CC1 323756	26.38 0.36 0.00	24.44 0.29 0.00	22.15 0.28 0.00	21.42 0.21 0.00	20.62 0.18 0.00	22.28 0.13 0.00	23.84 0.26 0.00	23.63 0.37 0.00	19.98 0.45 0.00	17.96 0.42 0.00	19.12 0.50 0.00	19.61 0.57 0.00	21.43 0.66 0.00	23.25 0.68 0.00	24.47 0.81 0.00	27.87 0.80 0.52	33.44 0.97 0.00	44.10 1.28 0.00	49.47 1.21 0.00	50.02 0.89 0.00	44.78 0.79 0.00	40.24 0.75 0.00	33.89 0.40 0.00	28.71 0.26 0.00
CRICKET__VALLEY_CC2 323757	26.38 0.36 0.00	24.44 0.29 0.00	22.15 0.28 0.00	21.42 0.21 0.00	20.62 0.18 0.00	22.28 0.13 0.00	23.84 0.26 0.00	23.63 0.37 0.00	19.98 0.45 0.00	17.96 0.42 0.00	19.12 0.50 0.00	19.61 0.57 0.00	21.43 0.66 0.00	23.25 0.68 0.00	24.47 0.81 0.00	27.87 0.80 0.52	33.44 0.97 0.00	44.10 1.28 0.00	49.47 1.21 0.00	50.02 0.89 0.00	44.78 0.79 0.00	40.24 0.75 0.00	33.89 0.40 0.00	28.71 0.26 0.00
CRICKET__VALLEY_CC3 323758	26.38 0.36 0.00	24.44 0.29 0.00	22.15 0.28 0.00	21.42 0.21 0.00	20.62 0.18 0.00	22.28 0.13 0.00	23.84 0.26 0.00	23.63 0.37 0.00	19.98 0.45 0.00	17.96 0.42 0.00	19.12 0.50 0.00	19.61 0.57 0.00	21.43 0.66 0.00	23.25 0.68 0.00	24.47 0.81 0.00	27.87 0.80 0.52	33.44 0.97 0.00	44.10 1.28 0.00	49.47 1.21 0.00	50.02 0.89 0.00	44.78 0.79 0.00	40.24 0.75 0.00	33.89 0.40 0.00	28.71 0.26 0.00
CRUCIBLE__METL_DRP 24180	25.75 -0.26 0.00	23.88 -0.27 0.00	21.62 -0.24 0.00	20.99 -0.21 0.00	20.21 -0.22 0.00	21.94 -0.20 0.00	23.30 -0.28 0.00	22.96 -0.30 0.00	19.22 -0.31 0.00	17.26 -0.28 0.00	18.30 -0.32 0.00	18.72 -0.32 0.00	20.41 -0.35 0.00	22.19 -0.38 0.00	23.21 -0.45 0.00	27.14 -0.44 0.00	31.98 -0.49 0.00	42.13 -0.68 0.00	47.54 -0.72 0.00	48.64 -0.49 0.00	43.46 -0.53 0.00	38.98 -0.51 0.00	33.19 -0.30 0.00	28.20 -0.26 0.00
DAHOWA__HYDRO 323763	27.08 1.07 0.00	25.14 0.99 0.00	22.83 0.96 0.00	22.11 0.91 0.00	21.25 0.82 0.00	23.09 0.95 0.00	24.57 0.99 0.00	24.24 0.98 0.00	20.23 0.70 0.00	18.06 0.53 0.00	19.04 0.43 0.00	19.44 0.40 0.00	21.16 0.39 0.00	23.05 0.47 0.00	24.23 0.57 0.00	28.26 0.72 0.04	33.57 1.10 0.00	44.69 1.88 0.00	50.54 2.27 0.00	51.49 2.36 0.00	46.14 2.15 0.00	41.34 1.86 0.00	34.96 1.47 0.00	29.57 1.11 0.00
DANC__LFGE 323619	26.15 0.13 0.00	24.32 0.17 0.00	22.04 0.17 0.00	21.39 0.19 0.00	20.62 0.18 0.00	22.36 0.22 0.00	23.79 0.21 0.00	23.42 0.16 0.00	19.47 -0.06 0.00	17.43 -0.10 0.00	18.46 -0.15 0.00	18.83 -0.21 0.00	20.50 -0.27 0.00	22.33 -0.25 0.00	23.43 -0.24 0.00	27.42 -0.16 0.00	32.37 -0.10 0.00	42.90 0.09 0.00	48.56 0.29 0.00	49.92 0.78 0.00	44.64 0.66 0.00	39.96 0.48 0.00	33.89 0.40 0.00	28.80 0.34 0.00
DANSKAMMER__1 23586	26.74 0.73 0.00	24.78 0.63 0.00	22.39 0.52 0.00	21.65 0.45 0.00	20.84 0.41 0.00	22.54 0.40 0.00	24.14 0.56 0.00	23.86 0.60 0.00	20.22 0.68 0.00	18.17 0.63 0.00	19.34 0.73 0.00	19.84 0.80 0.00	21.74 0.98 0.00	23.64 1.06 0.00	24.85 1.18 0.00	28.97 1.35 -0.03	34.03 1.56 0.00	44.87 2.05 0.00	50.29 2.03 0.00	51.05 1.91 0.00	45.70 1.71 0.00	41.07 1.58 0.00	34.63 1.14 0.00	29.28 0.83 0.00
DANSKAMMER__2 23589	26.74 0.73 0.00	24.78 0.63 0.00	22.39 0.52 0.00	21.65 0.45 0.00	20.84 0.41 0.00	22.54 0.40 0.00	24.14 0.56 0.00	23.86 0.60 0.00	20.22 0.68 0.00	18.17 0.63 0.00	19.34 0.73 0.00	19.84 0.80 0.00	21.74 0.98 0.00	23.64 1.06 0.00	24.85 1.18 0.00	28.97 1.35 -0.03	34.03 1.56 0.00	44.87 2.05 0.00	50.29 2.03 0.00	51.05 1.91 0.00	45.70 1.71 0.00	41.07 1.58 0.00	34.63 1.14 0.00	29.28 0.83 0.00
DANSKAMMER__3 23590	26.74 0.73 0.00	24.78 0.63 0.00	22.39 0.52 0.00	21.65 0.45 0.00	20.84 0.41 0.00	22.54 0.40 0.00	24.14 0.56 0.00	23.86 0.60 0.00	20.22 0.68 0.00	18.17 0.63 0.00	19.34 0.73 0.00	19.84 0.80 0.00	21.74 0.98 0.00	23.64 1.06 0.00	24.85 1.18 0.00	28.97 1.35 -0.03	34.03 1.56 0.00	44.87 2.05 0.00	50.29 2.03 0.00	51.05 1.91 0.00	45.70 1.71 0.00	41.07 1.58 0.00	34.63 1.14 0.00	29.28 0.83 0.00



DANSKAMMER___4 23591	26.74 0.73 0.00	24.78 0.63 0.00	22.39 0.52 0.00	21.65 0.45 0.00	20.84 0.41 0.00	22.54 0.40 0.00	24.14 0.56 0.00	23.86 0.60 0.00	20.22 0.68 0.00	18.17 0.63 0.00	19.34 0.73 0.00	19.84 0.80 0.00	21.74 0.98 0.00	23.64 1.06 0.00	24.85 1.18 0.00	28.97 1.35 -0.03	34.03 1.56 0.00	44.87 2.05 0.00	50.29 2.03 0.00	51.05 1.91 0.00	45.70 1.71 0.00	41.07 1.58 0.00	34.63 1.14 0.00	29.28 0.83 0.00
DANSKAMMER___DIESEL 23592	26.74 0.73 0.00	24.78 0.63 0.00	22.39 0.52 0.00	21.65 0.45 0.00	20.86 0.43 0.00	22.54 0.40 0.00	24.14 0.57 0.00	23.86 0.60 0.00	20.22 0.68 0.00	18.19 0.65 0.00	19.34 0.73 0.00	19.84 0.80 0.00	21.74 0.98 0.00	23.64 1.06 0.00	24.85 1.18 0.00	28.97 1.35 -0.03	34.03 1.56 0.00	44.87 2.05 0.00	50.29 2.03 0.00	51.05 1.92 0.00	45.70 1.72 0.00	41.11 1.62 0.00	34.63 1.14 0.00	29.28 0.83 0.00
DARBY___SOLAR 323810	26.95 0.94 0.00	25.04 0.89 0.00	22.72 0.85 0.00	22.01 0.81 0.00	21.15 0.71 0.00	22.98 0.84 0.00	24.47 0.90 0.00	24.14 0.88 0.00	20.16 0.62 0.00	18.01 0.47 0.00	18.99 0.37 0.00	19.38 0.34 0.00	21.12 0.35 0.00	23.00 0.43 0.00	24.18 0.52 0.00	28.17 0.63 0.04	33.47 1.01 0.00	44.53 1.71 0.00	50.34 2.07 0.00	51.25 2.11 0.00	45.87 1.89 0.00	41.15 1.66 0.00	34.80 1.30 0.00	29.42 0.97 0.00
DASHVILLE___HYD 23610	26.51 0.49 0.00	24.56 0.41 0.00	22.19 0.33 0.00	21.48 0.28 0.00	20.68 0.25 0.00	22.36 0.22 0.00	23.93 0.35 0.00	23.63 0.37 0.00	20.00 0.47 0.00	17.99 0.46 0.00	19.13 0.52 0.00	19.63 0.59 0.00	21.49 0.73 0.00	23.37 0.79 0.00	24.56 0.90 0.00	28.84 1.24 -0.02	33.64 1.17 0.00	44.40 1.58 0.00	49.76 1.50 0.00	50.51 1.38 0.00	45.21 1.23 0.00	40.67 1.18 0.00	34.30 0.80 0.00	29.03 0.57 0.00
DELAWARE___LFGE 323621	26.38 0.36 0.00	24.49 0.34 0.00	22.19 0.33 0.00	21.50 0.30 0.00	20.70 0.27 0.00	22.43 0.29 0.00	23.88 0.31 0.00	23.56 0.30 0.00	19.77 0.23 0.00	17.73 0.19 0.00	18.84 0.22 0.00	19.29 0.25 0.00	21.04 0.27 0.00	22.87 0.29 0.00	24.07 0.40 0.00	28.05 0.47 0.00	33.02 0.55 0.00	43.58 0.77 0.00	49.09 0.82 0.00	50.12 0.98 0.00	44.82 0.84 0.00	40.24 0.75 0.00	34.09 0.60 0.00	28.94 0.48 0.00
DERFIELD_115KV_TB7 355931	26.01 0.00 0.00	24.15 0.00 0.00	21.89 0.02 0.00	21.20 0.00 0.00	20.43 0.00 0.00	22.14 0.00 0.00	23.58 0.00 0.00	23.26 0.00 0.00	19.55 0.02 0.00	17.54 0.00 0.00	18.61 0.00 0.00	19.04 0.00 0.00	20.77 0.00 0.00	22.58 0.00 0.00	23.69 0.02 0.00	27.61 0.03 0.00	32.50 0.03 0.00	42.90 0.09 0.00	48.32 0.05 0.00	49.23 0.10 0.00	44.03 0.04 0.00	39.53 0.04 0.00	33.49 0.00 0.00	28.46 0.00 0.00
DOGLEVILLE___HYD 23807	26.41 0.39 0.00	24.56 0.41 0.00	22.26 0.39 0.00	21.56 0.36 0.00	20.78 0.35 0.00	22.50 0.35 0.00	23.98 0.40 0.00	23.65 0.40 0.00	19.81 0.27 0.00	17.78 0.25 0.00	18.87 0.26 0.00	19.31 0.27 0.00	21.04 0.27 0.00	22.89 0.32 0.00	24.04 0.38 0.00	28.02 0.44 0.00	32.99 0.52 0.00	43.50 0.69 0.00	49.04 0.77 0.00	50.07 0.93 0.00	44.77 0.79 0.00	40.24 0.75 0.00	34.09 0.60 0.00	28.97 0.51 0.00
DUNKIRK___115KV_TB_200 55889	26.01 0.00 0.00	24.17 0.02 0.00	21.91 0.04 0.00	21.25 0.04 0.00	20.48 0.04 0.00	22.41 0.27 0.00	23.53 -0.05 0.00	22.96 -0.30 0.00	19.14 -0.39 0.00	17.14 -0.40 0.00	18.30 -0.32 0.00	18.81 -0.23 0.00	20.58 -0.19 0.00	22.19 -0.38 0.00	23.29 -0.38 0.00	27.19 -0.39 0.00	31.53 -0.94 0.00	40.97 -1.84 0.00	46.72 -1.54 0.00	48.50 -0.64 0.00	43.06 -0.92 0.00	38.82 -0.67 0.00	33.52 0.03 0.00	28.88 0.43 0.00
DUNKIRK___1 23563	26.01 0.00 0.00	24.17 0.02 0.00	21.91 0.04 0.00	21.25 0.04 0.00	20.48 0.04 0.00	22.41 0.27 0.00	23.53 -0.05 0.00	22.96 -0.30 0.00	19.14 -0.39 0.00	17.14 -0.40 0.00	18.30 -0.32 0.00	18.81 -0.23 0.00	20.58 -0.19 0.00	22.19 -0.38 0.00	23.29 -0.38 0.00	27.19 -0.39 0.00	31.53 -0.94 0.00	40.97 -1.84 0.00	46.72 -1.54 0.00	48.50 -0.64 0.00	43.06 -0.92 0.00	38.82 -0.67 0.00	33.52 0.03 0.00	28.88 0.43 0.00
DUNKIRK___2 23564	26.01 0.00 0.00	24.17 0.02 0.00	21.91 0.04 0.00	21.25 0.04 0.00	20.48 0.04 0.00	22.41 0.27 0.00	23.53 -0.05 0.00	22.96 -0.30 0.00	19.14 -0.39 0.00	17.14 -0.40 0.00	18.30 -0.32 0.00	18.81 -0.23 0.00	20.58 -0.19 0.00	22.19 -0.38 0.00	23.29 -0.38 0.00	27.19 -0.39 0.00	31.53 -0.94 0.00	40.97 -1.84 0.00	46.72 -1.54 0.00	48.50 -0.64 0.00	43.06 -0.92 0.00	38.82 -0.67 0.00	33.52 0.03 0.00	28.88 0.43 0.00
DUNKIRK___3 23565	25.88 -0.13 0.00	24.05 -0.10 0.00	21.80 -0.07 0.00	21.14 -0.06 0.00	20.35 -0.08 0.00	22.30 0.15 0.00	23.41 -0.17 0.00	22.82 -0.44 0.00	19.02 -0.51 0.00	17.03 -0.51 0.00	18.19 -0.43 0.00	18.70 -0.34 0.00	20.44 -0.33 0.00	22.06 -0.52 0.00	23.14 -0.52 0.00	27.03 -0.55 0.00	31.33 -1.14 0.00	40.71 -2.10 0.00	46.38 -1.88 0.00	48.15 -0.98 0.00	42.75 -1.23 0.00	38.58 -0.91 0.00	33.29 -0.20 0.00	28.74 0.28 0.00
DUNKIRK___4 23566	25.88 -0.13 0.00	24.05 -0.10 0.00	21.80 -0.07 0.00	21.14 -0.06 0.00	20.35 -0.08 0.00	22.30 0.15 0.00	23.41 -0.17 0.00	22.82 -0.44 0.00	19.02 -0.51 0.00	17.03 -0.51 0.00	18.19 -0.43 0.00	18.70 -0.34 0.00	20.44 -0.33 0.00	22.06 -0.52 0.00	23.14 -0.52 0.00	27.03 -0.55 0.00	31.33 -1.14 0.00	40.71 -2.10 0.00	46.38 -1.88 0.00	48.15 -0.98 0.00	42.75 -1.23 0.00	38.58 -0.91 0.00	33.29 -0.20 0.00	28.74 0.28 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	26.77 0.75 0.00	24.78 0.63 0.00	22.41 0.55 0.00	21.67 0.47 0.00	20.86 0.43 0.00	22.52 0.38 0.00	24.12 0.54 0.00	23.93 0.67 0.00	20.35 0.82 0.00	18.36 0.82 0.00	19.56 0.95 0.00	20.11 1.07 0.00	21.97 1.20 0.00	23.84 1.26 0.00	25.11 1.44 0.00	29.22 1.60 -0.04	34.25 1.79 0.00	45.00 2.18 0.00	50.34 2.08 0.00	51.00 1.87 0.00	45.70 1.72 0.00	41.19 1.70 0.00	34.70 1.21 0.00	29.34 0.88 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	26.56 0.55 0.00	24.61 0.46 0.00	22.26 0.39 0.00	21.52 0.32 0.00	20.74 0.31 0.00	22.41 0.27 0.00	23.98 0.40 0.00	23.72 0.47 0.00	20.10 0.57 0.00	18.08 0.54 0.00	19.25 0.63 0.00	19.74 0.70 0.00	21.62 0.85 0.00	23.48 0.90 0.00	24.71 1.04 0.00	28.77 1.16 -0.03	33.80 1.33 0.00	44.52 1.71 0.00	49.91 1.64 0.00	50.66 1.52 0.00	45.39 1.41 0.00	40.79 1.30 0.00	34.40 0.90 0.00	29.11 0.65 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	26.95 0.94 0.00	24.92 0.77 0.00	22.50 0.63 0.00	21.75 0.55 0.00	21.01 0.57 0.00	22.32 0.18 0.00	23.88 0.31 0.00	23.79 0.53 0.00	20.33 0.80 0.00	18.40 0.86 0.00	19.60 0.99 0.00	20.16 1.12 0.00	22.06 1.29 0.00	23.91 1.33 0.00	25.18 1.51 0.00	29.25 1.63 -0.04	34.29 1.82 0.00	44.65 1.84 0.00	49.96 1.69 0.00	50.56 1.42 0.00	45.35 1.36 0.00	40.95 1.46 0.00	34.73 1.24 0.00	29.54 1.08 0.00



E179THST_13_KV_LOAD 356214	27.06 1.04 0.00	25.04 0.89 0.00	22.59 0.72 0.00	21.84 0.64 0.00	21.09 0.65 0.00	22.41 0.27 0.00	24.00 0.42 0.00	23.89 0.63 0.00	20.41 0.88 0.00	18.47 0.93 0.00	19.67 1.06 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.02 1.44 0.00	25.27 1.61 0.00	29.39 1.77 -0.04	34.45 1.98 0.00	44.87 2.05 0.00	50.25 1.98 0.00	50.81 1.67 0.00	45.57 1.58 0.00	41.19 1.70 0.00	34.90 1.41 0.00	29.68 1.22 0.00
EAST HAMPTON___GT 23717	27.50 1.48 0.00	25.36 1.21 0.00	22.98 1.11 0.00	22.07 0.87 0.00	21.05 0.61 0.00	22.79 0.64 0.00	24.24 0.66 0.00	24.14 0.88 0.00	21.17 1.64 0.00	19.06 1.53 0.00	20.20 1.58 -0.01	20.76 1.71 -0.01	22.75 1.97 -0.01	29.14 2.10 -4.46	33.01 2.37 -6.98	34.75 2.81 -4.36	38.37 3.28 -2.62	46.80 3.98 -0.01	52.42 4.15 0.00	52.48 3.34 0.00	47.02 3.03 0.00	42.18 2.69 0.00	35.80 2.31 0.00	29.96 1.51 0.00
EAST RIVER___6 23660	26.79 0.78 0.00	24.80 0.65 0.00	22.41 0.55 0.00	21.67 0.47 0.00	20.86 0.43 0.00	22.52 0.38 0.00	24.14 0.56 0.00	23.98 0.72 0.00	20.43 0.90 0.00	18.43 0.89 0.00	19.66 1.04 0.00	20.22 1.18 0.00	22.12 1.35 0.00	23.98 1.40 0.00	25.25 1.59 0.00	29.39 1.77 -0.04	34.45 1.98 0.00	45.17 2.35 0.00	50.49 2.22 0.00	51.10 1.97 0.00	45.83 1.85 0.00	41.27 1.78 0.00	34.80 1.30 0.00	29.42 0.97 0.00
EAST RIVER___7 23524	26.79 0.78 0.00	24.80 0.65 0.00	22.41 0.55 0.00	21.67 0.47 0.00	20.86 0.43 0.00	22.52 0.38 0.00	24.14 0.56 0.00	23.98 0.72 0.00	20.43 0.90 0.00	18.43 0.89 0.00	19.66 1.04 0.00	20.22 1.18 0.00	22.12 1.35 0.00	23.98 1.40 0.00	25.25 1.59 0.00	29.39 1.77 -0.04	34.45 1.98 0.00	45.17 2.35 0.00	50.49 2.22 0.00	51.10 1.97 0.00	45.83 1.85 0.00	41.27 1.78 0.00	34.80 1.30 0.00	29.42 0.97 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	26.72 0.70 0.00	24.73 0.58 0.00	22.37 0.50 0.00	21.63 0.42 0.00	20.82 0.39 0.00	22.47 0.33 0.00	24.07 0.50 0.00	23.89 0.63 0.00	20.29 0.76 0.00	18.31 0.77 0.00	19.49 0.87 0.00	20.03 0.99 0.00	21.91 1.14 0.00	23.77 1.20 0.00	25.01 1.35 0.00	29.11 1.49 -0.04	34.16 1.69 0.00	44.87 2.05 0.00	50.25 1.98 0.00	50.90 1.77 0.00	45.61 1.63 0.00	41.07 1.58 0.00	34.60 1.11 0.00	29.28 0.83 0.00
EAST_HAMPTON___DIESEL 23722	27.52 1.51 0.00	25.36 1.21 0.00	23.00 1.14 0.00	22.07 0.87 0.00	21.05 0.61 0.00	22.79 0.64 0.00	24.24 0.66 0.00	24.14 0.88 0.00	21.17 1.64 0.00	19.06 1.53 0.00	20.20 1.58 -0.01	20.76 1.71 -0.01	22.75 1.97 -0.01	29.16 2.12 -4.46	33.01 2.37 -6.98	34.75 2.81 -4.36	38.37 3.28 -2.62	46.80 3.98 -0.01	52.42 4.15 0.00	52.48 3.34 0.00	47.02 3.03 0.00	42.18 2.69 0.00	35.80 2.31 0.00	29.96 1.51 0.00
EAST_POINT___SOLAR 323840	27.34 1.33 0.00	25.38 1.23 0.00	23.05 1.18 0.00	22.33 1.12 0.00	21.48 1.04 0.00	23.43 1.28 0.00	24.87 1.30 0.00	24.03 0.77 0.00	19.45 -0.08 0.00	17.12 -0.42 0.00	17.94 -0.67 0.00	18.32 -0.72 0.00	20.02 -0.75 0.00	22.03 -0.54 0.00	23.36 -0.31 0.00	27.64 0.08 0.02	33.21 0.75 0.00	44.48 1.67 0.00	50.92 2.65 0.00	52.52 3.39 0.00	46.98 2.99 0.00	42.02 2.53 0.00	35.57 2.08 0.00	30.02 1.56 0.00
EAST_PULASKI___ESR 323781	25.75 -0.26 0.00	23.91 -0.24 0.00	21.67 -0.20 0.00	21.01 -0.19 0.00	20.27 -0.16 0.00	21.99 -0.15 0.00	23.37 -0.21 0.00	23.00 -0.26 0.00	19.24 -0.29 0.00	17.24 -0.30 0.00	18.28 -0.33 0.00	18.66 -0.38 0.00	20.33 -0.44 0.00	22.13 -0.45 0.00	23.17 -0.50 0.00	27.08 -0.50 0.00	31.95 -0.52 0.00	42.21 -0.60 0.00	47.69 -0.58 0.00	48.84 -0.29 0.00	43.68 -0.31 0.00	39.13 -0.36 0.00	33.26 -0.23 0.00	28.23 -0.23 0.00
EAST_RIVER___1 323558	26.85 0.83 0.00	24.85 0.70 0.00	22.46 0.59 0.00	21.71 0.51 0.00	20.88 0.45 0.00	22.54 0.40 0.00	24.17 0.59 0.00	24.00 0.74 0.00	20.45 0.92 0.00	18.45 0.91 0.00	19.67 1.06 0.00	20.24 1.20 0.00	22.14 1.37 0.00	24.00 1.42 0.00	25.27 1.61 0.00	29.39 1.77 -0.04	34.48 2.01 0.00	45.21 2.40 0.00	50.58 2.32 0.00	51.20 2.06 0.00	45.92 1.93 0.00	41.31 1.82 0.00	34.83 1.34 0.00	29.45 1.00 0.00
EAST_RIVER___2 323559	26.79 0.78 0.00	24.80 0.65 0.00	22.41 0.55 0.00	21.67 0.47 0.00	20.86 0.43 0.00	22.52 0.38 0.00	24.14 0.56 0.00	23.98 0.72 0.00	20.43 0.90 0.00	18.43 0.89 0.00	19.66 1.04 0.00	20.22 1.18 0.00	22.12 1.35 0.00	23.98 1.40 0.00	25.25 1.59 0.00	29.39 1.77 -0.04	34.45 1.98 0.00	45.17 2.35 0.00	50.49 2.22 0.00	51.10 1.97 0.00	45.83 1.85 0.00	41.27 1.78 0.00	34.80 1.30 0.00	29.42 0.97 0.00
EAST___DELAWARE_HYD 23607	26.77 0.75 0.00	24.82 0.68 0.00	22.41 0.55 0.00	21.67 0.47 0.00	20.86 0.43 0.00	22.59 0.44 0.00	24.19 0.61 0.00	23.86 0.60 0.00	20.18 0.64 0.00	18.12 0.58 0.00	19.26 0.65 0.00	19.75 0.70 0.00	21.64 0.87 0.00	23.52 0.95 0.00	24.75 1.09 0.00	28.90 1.30 -0.02	33.96 1.49 0.00	44.87 2.05 0.00	50.39 2.12 0.00	51.25 2.11 0.00	45.87 1.89 0.00	41.19 1.70 0.00	34.73 1.24 0.00	29.39 0.94 0.00
EIGHT_POINT___WT_PWR 323820	26.28 0.26 0.00	24.34 0.19 0.00	22.04 0.17 0.00	21.42 0.21 0.00	20.70 0.26 0.00	22.56 0.42 0.00	23.77 0.19 0.00	23.19 -0.07 0.00	19.20 -0.33 0.00	17.17 -0.37 0.00	18.20 -0.41 0.00	18.68 -0.36 0.00	20.41 -0.35 0.00	22.13 -0.45 0.00	23.24 -0.43 0.00	27.25 -0.33 0.00	31.82 -0.65 0.00	41.61 -1.20 0.00	47.49 -0.77 0.00	49.28 0.15 0.00	43.85 -0.13 0.00	39.41 -0.08 0.00	33.89 0.40 0.00	29.08 0.63 0.00
ELBRIDGE_115KV_TB2 80188	25.65 -0.36 0.00	23.79 -0.36 0.00	21.54 -0.33 0.00	20.91 -0.30 0.00	20.13 -0.31 0.00	21.85 -0.29 0.00	23.22 -0.35 0.00	22.86 -0.40 0.00	19.16 -0.37 0.00	17.19 -0.35 0.00	18.24 -0.37 0.00	18.66 -0.38 0.00	20.35 -0.42 0.00	22.10 -0.47 0.00	23.12 -0.54 0.00	27.03 -0.55 0.00	31.82 -0.65 0.00	41.91 -0.90 0.00	47.35 -0.92 0.00	48.40 -0.74 0.00	43.24 -0.75 0.00	38.78 -0.71 0.00	33.06 -0.44 0.00	28.09 -0.37 0.00
ELEC_TRO_TEK 24086	26.95 0.94 0.00	24.90 0.75 0.00	22.52 0.66 0.00	21.69 0.49 0.00	20.80 0.37 0.00	22.50 0.35 0.00	24.07 0.50 0.00	23.96 0.70 0.00	20.61 1.07 0.00	18.59 1.05 0.00	19.78 1.15 -0.02	20.31 1.26 -0.02	22.20 1.41 -0.02	31.88 1.42 -7.88	37.59 1.59 -12.34	37.01 1.77 -7.67	39.05 1.95 -4.63	45.18 2.35 -0.02	50.73 2.46 0.00	51.05 1.92 0.00	45.79 1.80 0.00	41.19 1.70 0.00	35.00 1.51 0.00	29.48 1.02 0.00
ELLENBURG_WT_PWR 323604	26.64 0.62 0.00	24.75 0.60 0.00	22.39 0.52 0.00	21.73 0.53 0.00	20.97 0.53 0.00	22.79 0.64 0.00	24.26 0.68 0.00	23.89 0.63 0.00	19.98 0.45 0.00	17.92 0.39 0.00	19.02 0.41 0.00	19.42 0.38 0.00	21.16 0.39 0.00	23.05 0.47 0.00	24.18 0.52 0.00	28.19 0.61 0.00	33.18 0.71 0.00	43.75 0.94 0.00	49.57 1.30 0.00	50.31 1.18 0.00	45.08 1.10 0.00	40.43 0.95 0.00	34.26 0.77 0.00	29.17 0.71 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.75 -0.26 0.00	23.91 -0.24 0.00	21.65 -0.22 0.00	21.01 -0.19 0.00	20.21 -0.22 0.00	22.14 0.00 0.00	23.22 -0.35 0.00	22.63 -0.63 0.00	18.89 -0.64 0.00	16.91 -0.63 0.00	18.02 -0.60 0.00	18.53 -0.51 0.00	20.25 -0.52 0.00	21.88 -0.70 0.00	22.93 -0.73 0.00	26.75 -0.83 0.00	30.97 -1.49 0.00	40.16 -2.65 0.00	45.76 -2.51 0.00	47.46 -1.67 0.00	42.22 -1.76 0.00	38.15 -1.34 0.00	33.02 -0.47 0.00	28.57 0.11 0.00
EMPIRE_CC_1 323656	26.17 0.16 0.00	24.39 0.24 0.00	22.13 0.26 0.00	21.42 0.21 0.00	20.62 0.18 0.00	22.30 0.16 0.00	23.79 0.21 0.00	23.52 0.26 0.00	19.83 0.29 0.00	17.78 0.25 0.00	18.84 0.22 0.00	19.25 0.21 0.00	20.98 0.21 0.00	22.80 0.23 0.00	23.95 0.28 0.00	27.71 0.19 0.06	32.76 0.29 0.00	43.24 0.43 0.00	48.65 0.38 0.00	49.23 0.10 0.00	44.07 0.09 0.00	39.61 0.12 0.00	33.42 -0.07 0.00	28.40 -0.06 0.00
EMPIRE_CC_2 323658	26.17 0.16 0.00	24.39 0.24 0.00	22.13 0.26 0.00	21.42 0.21 0.00	20.62 0.18 0.00	22.30 0.16 0.00	23.79 0.21 0.00	23.52 0.26 0.00	19.83 0.29 0.00	17.78 0.25 0.00	18.84 0.22 0.00	19.25 0.21 0.00	20.98 0.21 0.00	22.80 0.23 0.00	23.95 0.28 0.00	27.71 0.19 0.06	32.76 0.29 0.00	43.24 0.43 0.00	48.65 0.38 0.00	49.23 0.10 0.00	44.07 0.09 0.00	39.61 0.12 0.00	33.42 -0.07 0.00	28.40 -0.06 0.00
ENORWICH_115KV_TB1 80156	27.32 1.30 0.00	25.45 1.30 0.00	23.09 1.22 0.00	22.41 1.21 0.00	21.58 1.14 0.00	23.40 1.26 0.00	24.85 1.27 0.00	24.38 1.12 0.00	20.10 0.57 0.00	17.92 0.39 0.00	18.95 0.34 0.00	19.33 0.29 0.00	21.02 0.25 0.00	22.94 0.36 0.00	24.26 0.59 0.00	28.49 0.91 0.00	33.67 1.20 0.00	44.78 1.97 0.00	50.83 2.56 0.00	52.67 3.54 0.00	47.02 3.03 0.00	41.94 2.45 0.00	35.63 2.14 0.00	30.28 1.82 0.00
ERIE_ST__34_KV_TB1-2 80199	25.75 -0.26 0.00	23.91 -0.24 0.00	21.69 -0.17 0.00	21.01 -0.19 0.00	20.23 -0.20 0.00	22.19 0.04 0.00	23.30 -0.28 0.00	22.68 -0.58 0.00	18.93 -0.61 0.00	16.94 -0.60 0.00	18.07 -0.54 0.00	18.60 -0.44 0.00	20.33 -0.44 0.00	21.97 -0.61 0.00	23.05 -0.62 0.00	26.92 -0.66 0.00	31.20 -1.27 0.00	40.46 -2.35 0.00	46.10 -2.17 0.00	47.86 -1.28 0.00	42.49 -1.50 0.00	38.34 -1.15 0.00	33.12 -0.37 0.00	28.66 0.20 0.00
ERIE_WT_PWR 323693	25.86 -0.16 0.00	24.00 -0.14 0.00	21.71 -0.15 0.00	21.08 -0.13 0.00	20.46 0.02 0.00	22.23 0.09 0.00	23.32 -0.26 0.00	22.73 -0.53 0.00	18.95 -0.59 0.00	16.98 -0.56 0.00	18.09 -0.52 0.00	18.60 -0.44 0.00	20.33 -0.61 0.00	21.97 -0.64 0.00	23.03 -0.64 0.00	26.89 -0.69 0.00	31.13 -1.33 0.00	40.37 -2.44 0.00	46.00 -2.27 0.00	47.76 -1.38 0.00	42.44 -1.54 0.00	38.46 -1.03 0.00	33.19 -0.30 0.00	28.71 0.26 0.00
ESPRGFLD_115KV_TB1 80157	26.77 0.75 0.00	24.87 0.72 0.00	22.54 0.68 0.00	21.86 0.66 0.00	21.05 0.61 0.00	22.85 0.71 0.00	24.33 0.75 0.00	23.86 0.60 0.00	19.77 0.23 0.00	17.63 0.09 0.00	18.63 0.02 0.00	19.02 -0.02 0.00	20.73 -0.04 0.00	22.62 0.05 0.00	23.88 0.21 0.00	28.01 0.44 0.01	33.21 0.75 0.00	44.10 1.28 0.00	49.96 1.69 0.00	51.30 2.16 0.00	45.83 1.85 0.00	40.99 1.50 0.00	34.80 1.31 0.00	29.48 1.02 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	26.22 0.21 0.00	24.32 0.17 0.00	22.02 0.15 0.00	21.39 0.19 0.00	20.58 0.14 0.00	22.36 0.22 0.00	23.74 0.17 0.00	23.35 0.09 0.00	19.49 -0.04 0.00	17.47 -0.07 0.00	18.52 -0.09 0.00	18.94 -0.10 0.00	20.66 -0.10 0.00	22.44 -0.14 0.00	23.55 -0.12 0.00	27.58 0.00 0.00	32.50 0.03 0.00	42.94 0.13 0.00	48.56 0.29 0.00	49.77 0.64 0.00	44.42 0.44 0.00	39.80 0.32 0.00	33.89 0.40 0.00	28.83 0.37 0.00
ETNA____115KV_TB2 80207	26.22 0.21 0.00	24.32 0.17 0.00	22.02 0.15 0.00	21.39 0.19 0.00	20.58 0.14 0.00	22.36 0.22 0.00	23.74 0.17 0.00	23.35 0.09 0.00	19.49 -0.04 0.00	17.47 -0.07 0.00	18.52 -0.09 0.00	18.94 -0.10 0.00	20.66 -0.10 0.00	22.44 -0.14 0.00	23.55 -0.12 0.00	27.58 0.00 0.00	32.50 0.03 0.00	42.94 0.13 0.00	48.56 0.29 0.00	49.77 0.64 0.00	44.42 0.44 0.00	39.80 0.32 0.00	33.89 0.40 0.00	28.83 0.37 0.00
EUCLID___115KV_TB2 356179	25.52 -0.49 0.00	23.67 -0.48 0.00	21.43 -0.44 0.00	20.80 -0.40 0.00	20.05 -0.39 0.00	21.74 -0.40 0.00	23.11 -0.47 0.00	22.77 -0.49 0.00	19.10 -0.43 0.00	17.14 -0.40 0.00	18.19 -0.43 0.00	18.60 -0.44 0.00	20.29 -0.48 0.00	22.03 -0.54 0.00	23.05 -0.62 0.00	26.92 -0.66 0.00	31.69 -0.78 0.00	41.70 -1.11 0.00	47.06 -1.21 0.00	48.10 -1.03 0.00	43.02 -0.97 0.00	38.58 -0.91 0.00	32.86 -0.64 0.00	27.92 -0.54 0.00
E_CANADA_CAP_HY 24051	27.03 1.01 0.00	25.09 0.94 0.00	22.76 0.90 0.00	22.07 0.87 0.00	21.23 0.80 0.00	23.12 0.97 0.00	24.59 1.01 0.00	24.00 0.74 0.00	19.75 0.22 0.00	17.50 -0.04 0.00	18.43 -0.19 0.00	18.79 -0.25 0.00	20.48 -0.29 0.00	22.42 -0.16 0.00	23.66 0.00 0.00	27.86 0.30 0.02	33.28 0.81 0.00	44.40 1.58 0.00	50.49 2.22 0.00	51.79 2.65 0.00	46.31 2.33 0.00	41.50 2.01 0.00	35.13 1.64 0.00	29.68 1.22 0.00
E_CANADA_MHWK_HY 24050	26.41 0.39 0.00	24.56 0.41 0.00	22.26 0.39 0.00	21.56 0.36 0.00	20.78 0.35 0.00	22.50 0.35 0.00	23.98 0.40 0.00	23.65 0.40 0.00	19.81 0.27 0.00	17.78 0.25 0.00	18.87 0.26 0.00	19.31 0.27 0.00	21.04 0.27 0.00	22.89 0.32 0.00	24.04 0.38 0.00	28.02 0.44 0.00	32.98 0.52 0.00	43.50 0.68 0.00	49.04 0.77 0.00	50.07 0.93 0.00	44.78 0.79 0.00	40.28 0.79 0.00	34.09 0.60 0.00	28.97 0.51 0.00
E_FISHKILL___LBMP 23776	26.56 0.55 0.00	24.61 0.46 0.00	22.26 0.39 0.00	21.54 0.34 0.00	20.74 0.31 0.00	22.41 0.27 0.00	23.98 0.40 0.00	23.77 0.51 0.00	20.14 0.61 0.00	18.14 0.60 0.00	19.30 0.69 0.00	19.80 0.76 0.00	21.66 0.89 0.00	23.50 0.93 0.00	24.73 1.06 0.00	28.79 1.16 -0.05	33.80 1.33 0.00	44.48 1.67 0.00	49.86 1.59 0.00	50.46 1.33 0.00	45.21 1.23 0.00	40.71 1.22 0.00	34.30 0.80 0.00	29.03 0.57 0.00
FALCON___SEABRD_CC1 323796	26.95 0.94 0.00	25.04 0.89 0.00	22.65 0.79 0.00	21.99 0.78 0.00	21.21 0.78 0.00	23.07 0.93 0.00	24.57 0.99 0.00	24.19 0.93 0.00	20.23 0.70 0.00	18.14 0.60 0.00	19.25 0.63 0.00	19.63 0.59 0.00	21.41 0.64 0.00	23.34 0.77 0.00	24.47 0.81 0.00	28.54 0.96 0.00	33.60 1.14 0.00	44.35 1.54 0.00	50.29 2.03 0.00	51.00 1.87 0.00	45.70 1.71 0.00	40.99 1.50 0.00	34.70 1.20 0.00	29.54 1.08 0.00
FALCON___SEABRD_CC2 323797	26.95 0.94 0.00	25.04 0.89 0.00	22.65 0.79 0.00	21.99 0.78 0.00	21.21 0.78 0.00	23.07 0.93 0.00	24.57 0.99 0.00	24.19 0.93 0.00	20.23 0.70 0.00	18.14 0.60 0.00	19.25 0.63 0.00	19.63 0.59 0.00	21.41 0.64 0.00	23.34 0.77 0.00	24.47 0.81 0.00	28.54 0.96 0.00	33.60 1.14 0.00	44.35 1.54 0.00	50.29 2.03 0.00	51.00 1.87 0.00	45.70 1.71 0.00	40.99 1.50 0.00	34.70 1.20 0.00	29.54 1.08 0.00



FAR ROCKAWAY___4 23548	27.32 1.30 0.00	25.21 1.06 0.00	22.81 0.94 0.00	21.95 0.74 0.00	21.05 0.61 0.00	22.76 0.62 0.00	24.33 0.75 0.00	24.21 0.95 0.00	20.84 1.31 0.00	18.80 1.26 0.00	20.04 1.41 -0.01	20.60 1.54 -0.01	22.49 1.70 -0.01	31.56 1.76 -7.22	36.93 1.96 -11.31	36.81 2.21 -7.03	39.18 2.47 -4.24	45.91 3.08 -0.01	51.55 3.28 0.00	51.89 2.75 0.00	46.53 2.55 0.00	41.82 2.33 0.00	35.53 2.04 0.00	29.91 1.45 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	26.85 0.83 0.00	24.85 0.70 0.00	22.46 0.59 0.00	21.71 0.51 0.00	20.91 0.47 0.00	22.54 0.40 0.00	24.17 0.59 0.00	24.00 0.74 0.00	20.45 0.92 0.00	18.47 0.93 0.00	19.67 1.06 0.00	20.22 1.18 0.00	22.14 1.37 0.00	24.00 1.42 0.00	25.27 1.61 0.00	29.39 1.77 -0.04	34.48 2.01 0.00	45.21 2.40 0.00	50.54 2.27 0.00	51.15 2.01 0.00	45.92 1.94 0.00	41.38 1.90 0.00	34.83 1.34 0.00	29.45 1.00 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	26.85 0.83 0.00	24.85 0.70 0.00	22.46 0.59 0.00	21.71 0.51 0.00	20.91 0.47 0.00	22.54 0.40 0.00	24.17 0.59 0.00	24.00 0.74 0.00	20.45 0.92 0.00	18.47 0.93 0.00	19.67 1.06 0.00	20.24 1.20 0.00	22.14 1.37 0.00	24.00 1.42 0.00	25.27 1.61 0.00	29.39 1.77 -0.04	34.48 2.01 0.00	45.21 2.40 0.00	50.58 2.32 0.00	51.20 2.06 0.00	45.92 1.94 0.00	41.38 1.90 0.00	34.83 1.34 0.00	29.45 1.00 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	26.82 0.81 0.00	24.82 0.68 0.00	22.43 0.57 0.00	21.69 0.49 0.00	20.91 0.47 0.00	22.54 0.40 0.00	24.17 0.59 0.00	23.98 0.72 0.00	20.45 0.92 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.22 1.18 0.00	22.12 1.35 0.00	23.98 1.40 0.00	25.25 1.59 0.00	29.39 1.77 -0.04	34.45 1.98 0.00	45.17 2.35 0.00	50.54 2.27 0.00	51.15 2.01 0.00	45.87 1.89 0.00	41.34 1.86 0.00	34.83 1.34 0.00	29.45 1.00 0.00
FARRAGUT___LBMP 323566	26.82 0.81 0.00	24.82 0.68 0.00	22.43 0.57 0.00	21.69 0.49 0.00	20.88 0.45 0.00	22.52 0.38 0.00	24.14 0.57 0.00	23.98 0.72 0.00	20.43 0.90 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.20 1.16 0.00	22.10 1.33 0.00	23.95 1.38 0.00	25.23 1.56 0.00	29.36 1.74 0.00	34.42 1.95 0.00	45.12 2.31 0.00	50.49 2.22 0.00	51.10 1.97 0.00	45.83 1.85 0.00	41.30 1.82 0.00	34.80 1.31 0.00	29.42 0.97 0.00
FENNER___WINDPWR 24204	26.28 0.26 0.00	24.41 0.27 0.00	22.13 0.26 0.00	21.48 0.27 0.00	20.70 0.26 0.00	22.43 0.29 0.00	23.84 0.26 0.00	23.49 0.23 0.00	19.63 0.10 0.00	17.59 0.05 0.00	18.65 0.04 0.00	19.06 0.02 0.00	20.77 0.00 0.00	22.60 0.02 0.00	23.71 0.05 0.00	27.75 0.17 0.00	32.66 0.20 0.00	43.15 0.34 0.00	48.75 0.48 0.00	49.92 0.78 0.00	44.64 0.66 0.00	40.04 0.55 0.00	33.99 0.50 0.00	28.88 0.43 0.00
FIBERTEK___ENERGY 23856	25.75 -0.26 0.00	23.88 -0.27 0.00	21.62 -0.24 0.00	20.99 -0.21 0.00	20.21 -0.22 0.00	21.94 -0.20 0.00	23.30 -0.28 0.00	22.96 -0.30 0.00	19.22 -0.31 0.00	17.26 -0.28 0.00	18.30 -0.32 0.00	18.72 -0.32 0.00	20.41 -0.35 0.00	22.19 -0.38 0.00	23.21 -0.45 0.00	27.14 -0.44 0.00	31.98 -0.49 0.00	42.13 -0.68 0.00	47.54 -0.72 0.00	48.64 -0.49 0.00	43.46 -0.53 0.00	38.98 -0.51 0.00	33.19 -0.30 0.00	28.20 -0.26 0.00
FITZPATRICK___ 23598	25.24 -0.78 0.00	23.40 -0.75 0.00	21.21 -0.66 0.00	20.57 -0.64 0.00	19.84 -0.59 0.00	21.50 -0.64 0.00	22.85 -0.73 0.00	22.51 -0.75 0.00	18.89 -0.64 0.00	16.96 -0.58 0.00	18.00 -0.61 0.00	18.39 -0.65 0.00	20.08 -0.68 0.00	21.81 -0.77 0.00	22.76 -0.90 0.00	26.59 -0.99 0.00	31.27 -1.20 0.00	41.23 -1.58 0.00	46.53 -1.74 0.00	47.46 -1.67 0.00	42.44 -1.54 0.00	38.11 -1.38 0.00	32.42 -1.07 0.00	27.55 -0.91 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	26.77 0.75 0.00	24.80 0.65 0.00	22.43 0.57 0.00	21.69 0.49 0.00	20.88 0.45 0.00	22.59 0.44 0.00	24.19 0.61 0.00	23.91 0.65 0.00	20.24 0.70 0.00	18.22 0.68 0.00	19.36 0.74 0.00	19.88 0.84 0.00	21.79 1.02 0.00	23.68 1.11 0.00	24.89 1.23 0.00	28.99 1.38 -0.04	34.09 1.62 0.00	44.95 2.14 0.00	50.39 2.12 0.00	51.10 1.97 0.00	45.79 1.80 0.00	41.19 1.70 0.00	34.66 1.17 0.00	29.34 0.88 0.00
FORT ORANGE___ 23900	26.15 0.13 0.00	24.29 0.15 0.00	22.04 0.17 0.00	21.35 0.15 0.00	20.54 0.10 0.00	22.25 0.11 0.00	23.72 0.14 0.00	23.42 0.16 0.00	19.69 0.16 0.00	17.66 0.12 0.00	18.73 0.11 0.00	19.14 0.10 0.00	20.89 0.13 0.00	22.74 0.16 0.00	23.88 0.21 0.00	27.74 0.19 0.03	32.73 0.26 0.00	43.28 0.47 0.00	48.75 0.48 0.00	49.43 0.30 0.00	44.25 0.27 0.00	39.73 0.24 0.00	33.56 0.07 0.00	28.43 -0.03 0.00
FORT_DRUM_COGEN 23780	26.67 0.65 0.00	24.85 0.70 0.00	22.52 0.66 0.00	21.88 0.68 0.00	21.07 0.63 0.00	22.87 0.73 0.00	24.33 0.75 0.00	23.93 0.67 0.00	19.81 0.27 0.00	17.71 0.18 0.00	18.74 0.13 0.00	19.08 0.04 0.00	20.73 -0.04 0.00	22.62 0.05 0.00	23.81 0.14 0.00	27.88 0.30 0.00	32.95 0.49 0.00	43.80 0.98 0.00	49.72 1.45 0.00	51.25 2.11 0.00	45.87 1.89 0.00	40.91 1.42 0.00	34.76 1.27 0.00	29.51 1.05 0.00
FOX_HILLS___ESR 323835	27.03 1.01 0.00	25.07 0.92 0.00	22.61 0.74 0.00	21.90 0.70 0.00	21.13 0.69 0.00	22.36 0.22 0.00	23.96 0.38 0.00	23.93 0.67 0.00	20.41 0.88 0.00	18.47 0.93 0.00	19.67 1.06 0.00	20.26 1.22 0.00	22.18 1.41 0.00	24.07 1.49 0.00	25.34 1.68 0.00	29.47 1.85 -0.04	34.58 2.11 0.00	44.82 2.01 0.00	50.20 1.93 0.00	50.81 1.67 0.00	45.57 1.58 0.00	40.91 1.42 0.00	35.13 1.64 0.00	29.77 1.31 0.00
FPL_FAR_ROCK_GT1 24212	27.32 1.30 0.00	25.21 1.06 0.00	22.81 0.94 0.00	21.95 0.74 0.00	21.03 0.59 0.00	22.76 0.62 0.00	24.33 0.75 0.00	24.21 0.95 0.00	20.84 1.31 0.00	18.78 1.25 0.00	20.04 1.41 -0.01	20.60 1.54 -0.01	22.49 1.70 -0.01	31.56 1.76 -7.22	36.93 1.96 -11.31	36.81 2.21 -7.03	39.18 2.47 -4.24	45.91 3.08 -0.01	51.55 3.28 0.00	51.88 2.75 0.00	46.53 2.55 0.00	41.78 2.29 0.00	35.53 2.04 0.00	29.85 1.39 0.00
FPL_FAR_ROCK_GT2 23815	27.32 1.30 0.00	25.21 1.06 0.00	22.81 0.94 0.00	21.95 0.74 0.00	21.03 0.59 0.00	22.76 0.62 0.00	24.33 0.75 0.00	24.21 0.95 0.00	20.84 1.31 0.00	18.78 1.25 0.00	20.04 1.41 -0.01	20.60 1.54 -0.01	22.49 1.70 -0.01	31.56 1.76 -7.22	36.93 1.96 -11.31	36.81 2.21 -7.03	39.18 2.47 -4.24	45.91 3.08 -0.01	51.55 3.28 0.00	51.88 2.75 0.00	46.53 2.55 0.00	41.78 2.29 0.00	35.53 2.04 0.00	29.85 1.39 0.00
FRANKLIN_FALL_HYD 24054	27.03 1.01 0.00	25.14 0.99 0.00	22.74 0.87 0.00	22.07 0.87 0.00	21.31 0.88 0.00	23.21 1.06 0.00	24.71 1.13 0.00	24.31 1.05 0.00	20.29 0.76 0.00	18.19 0.65 0.00	19.28 0.67 0.00	19.67 0.63 0.00	21.45 0.69 0.00	23.41 0.84 0.00	24.54 0.88 0.00	28.60 1.02 0.00	33.70 1.23 0.00	44.48 1.67 0.00	50.58 2.32 0.00	51.25 2.11 0.00	45.96 1.98 0.00	41.03 1.54 0.00	34.86 1.37 0.00	29.71 1.25 0.00



FREEPORT_EQUS_GT1 23764	27.11 1.09 0.00	25.02 0.87 0.00	22.63 0.76 0.00	21.80 0.59 0.00	20.86 0.43 0.00	22.61 0.47 0.00	24.17 0.59 0.00	24.05 0.79 0.00	20.72 1.19 0.00	18.66 1.12 0.00	19.91 1.28 -0.01	20.44 1.39 -0.01	22.34 1.56 -0.01	30.15 1.58 -5.99	34.80 1.75 -9.38	35.38 1.96 -5.84	38.16 2.18 -3.52	45.48 2.66 -0.01	51.02 2.75 0.00	51.29 2.16 0.00	46.05 2.07 0.00	41.34 1.86 0.00	35.20 1.71 0.00	29.57 1.11 0.00
FREEPORT___CT2 23818	27.11 1.09 0.00	25.02 0.87 0.00	22.63 0.76 0.00	21.80 0.59 0.00	20.86 0.43 0.00	22.61 0.47 0.00	24.17 0.59 0.00	24.05 0.79 0.00	20.72 1.19 0.00	18.66 1.12 0.00	19.91 1.28 -0.01	20.44 1.39 -0.01	22.34 1.56 -0.01	30.15 1.58 -5.99	34.80 1.75 -9.38	35.38 1.96 -5.84	38.16 2.18 -3.52	45.48 2.66 -0.01	51.02 2.75 0.00	51.29 2.16 0.00	46.05 2.07 0.00	41.34 1.86 0.00	35.20 1.71 0.00	29.57 1.11 0.00
FRESHKLS_33_KV_LOAD 356253	27.08 1.07 0.00	25.14 0.99 0.00	22.67 0.81 0.00	21.99 0.78 0.00	21.21 0.78 0.00	22.39 0.24 0.00	23.96 0.38 0.00	24.00 0.74 0.00	20.45 0.92 0.00	18.50 0.96 0.00	19.69 1.08 0.00	20.30 1.26 0.00	22.22 1.45 0.00	24.11 1.54 0.00	25.42 1.75 0.00	29.55 1.93 -0.04	34.67 2.21 0.00	44.31 2.01 0.51	49.59 1.83 0.51	50.30 1.62 0.46	45.14 1.50 0.34	40.81 1.34 0.02	35.27 1.78 0.00	29.85 1.39 0.00
FULTON COGEN____ 23766	25.49 -0.52 0.00	23.64 -0.51 0.00	21.41 -0.46 0.00	20.78 -0.42 0.00	20.03 -0.41 0.00	21.72 -0.42 0.00	23.08 -0.50 0.00	22.75 -0.51 0.00	19.06 -0.47 0.00	17.12 -0.42 0.00	18.15 -0.47 0.00	18.56 -0.48 0.00	20.25 -0.52 0.00	22.01 -0.56 0.00	23.00 -0.66 0.00	26.86 -0.72 0.00	31.66 -0.81 0.00	41.74 -1.07 0.00	47.11 -1.16 0.00	48.15 -0.98 0.00	43.02 -0.97 0.00	38.58 -0.91 0.00	32.82 -0.67 0.00	27.89 -0.57 0.00
FULTON___LFGE 323630	27.13 1.12 0.00	25.21 1.06 0.00	22.87 1.01 0.00	22.16 0.96 0.00	21.31 0.88 0.00	23.21 1.06 0.00	24.69 1.11 0.00	24.12 0.86 0.00	19.83 0.29 0.00	17.52 -0.02 0.00	18.41 -0.20 0.00	18.72 -0.32 0.00	20.39 -0.37 0.00	22.31 -0.27 0.00	23.57 -0.09 0.00	27.78 0.22 0.02	33.25 0.78 0.00	44.48 1.67 0.00	50.68 2.41 0.00	51.93 2.80 0.00	46.44 2.46 0.00	41.62 2.13 0.00	35.23 1.74 0.00	29.74 1.28 0.00
G.F.CEMENT___DRP 24184	27.29 1.27 0.00	25.33 1.18 0.00	23.00 1.14 0.00	22.28 1.08 0.00	21.44 1.00 0.00	23.29 1.15 0.00	24.78 1.20 0.00	24.42 1.16 0.00	20.37 0.84 0.00	18.19 0.65 0.00	19.12 0.50 0.00	19.50 0.46 0.00	21.22 0.46 0.00	23.12 0.54 0.00	24.30 0.64 0.00	28.37 0.83 0.04	33.77 1.30 0.00	45.08 2.27 0.00	51.02 2.75 0.00	52.03 2.90 0.00	46.58 2.60 0.00	41.70 2.21 0.00	35.30 1.81 0.00	29.82 1.37 0.00
GARDENVILLE___LBMP 24039	25.78 -0.23 0.00	23.93 -0.22 0.00	21.69 -0.17 0.00	21.03 -0.17 0.00	20.25 -0.18 0.00	22.16 0.02 0.00	23.27 -0.31 0.00	22.65 -0.60 0.00	18.91 -0.63 0.00	16.93 -0.61 0.00	18.04 -0.58 0.00	18.55 -0.50 0.00	20.29 -0.48 0.00	21.90 -0.68 0.00	22.98 -0.69 0.00	26.81 -0.77 0.00	31.07 -1.40 0.00	40.29 -2.53 0.00	45.90 -2.37 0.00	47.61 -1.52 0.00	42.36 -1.63 0.00	38.26 -1.22 0.00	33.09 -0.40 0.00	28.60 0.14 0.00
GARDNVLA_35_KV_LD 355827	25.86 -0.16 0.00	24.00 -0.14 0.00	21.76 -0.11 0.00	21.10 -0.11 0.00	20.31 -0.12 0.00	22.23 0.09 0.00	23.34 -0.24 0.00	22.75 -0.51 0.00	18.99 -0.55 0.00	17.00 -0.54 0.00	18.11 -0.50 0.00	18.62 -0.42 0.00	20.37 -0.39 0.00	21.99 -0.59 0.00	23.07 -0.59 0.00	26.92 -0.66 0.00	31.20 -1.27 0.00	40.46 -2.35 0.00	46.10 -2.17 0.00	47.81 -1.33 0.00	42.49 -1.50 0.00	38.38 -1.11 0.00	33.22 -0.27 0.00	28.71 0.26 0.00
GELCKHM___115KV_LOAD 80723	25.62 -0.39 0.00	23.74 -0.41 0.00	21.49 -0.37 0.00	20.86 -0.34 0.00	20.11 -0.33 0.00	21.81 -0.33 0.00	23.18 -0.40 0.00	22.84 -0.42 0.00	19.14 -0.39 0.00	17.19 -0.35 0.00	18.22 -0.39 0.00	18.64 -0.40 0.00	20.33 -0.44 0.00	22.10 -0.47 0.00	23.10 -0.57 0.00	27.00 -0.58 0.00	31.79 -0.68 0.00	41.87 -0.94 0.00	47.25 -1.01 0.00	48.30 -0.84 0.00	43.19 -0.79 0.00	38.74 -0.75 0.00	32.99 -0.50 0.00	28.03 -0.43 0.00
GENERAL___MILLS 23808	25.81 -0.21 0.00	23.98 -0.17 0.00	21.73 -0.13 0.00	21.08 -0.13 0.00	20.27 -0.16 0.00	22.21 0.07 0.00	23.30 -0.28 0.00	22.70 -0.56 0.00	18.95 -0.59 0.00	16.96 -0.58 0.00	18.07 -0.54 0.00	18.60 -0.44 0.00	20.33 -0.44 0.00	21.94 -0.63 0.00	23.03 -0.64 0.00	26.86 -0.72 0.00	31.14 -1.33 0.00	40.37 -2.44 0.00	46.00 -2.27 0.00	47.71 -1.42 0.00	42.44 -1.54 0.00	38.34 -1.15 0.00	33.16 -0.33 0.00	28.68 0.23 0.00
GE_PLASTICS___DRP 24183	26.15 0.13 0.00	24.27 0.12 0.00	22.02 0.15 0.00	21.33 0.13 0.00	20.54 0.10 0.00	22.21 0.07 0.00	23.70 0.12 0.00	23.40 0.14 0.00	19.71 0.18 0.00	17.70 0.16 0.00	18.76 0.15 0.00	19.21 0.17 0.00	20.95 0.19 0.00	22.78 0.20 0.00	23.92 0.26 0.00	27.81 0.25 0.02	32.76 0.29 0.00	43.28 0.47 0.00	48.65 0.39 0.00	49.38 0.25 0.00	44.20 0.22 0.00	39.73 0.24 0.00	33.56 0.07 0.00	28.46 0.00 0.00
GILBOA___1 23756	26.28 0.26 0.00	24.37 0.22 0.00	22.08 0.22 0.00	21.37 0.17 0.00	20.58 0.14 0.00	22.30 0.16 0.00	23.77 0.19 0.00	23.49 0.23 0.00	19.81 0.27 0.00	17.78 0.25 0.00	18.89 0.28 0.00	19.34 0.30 0.00	21.12 0.35 0.00	22.96 0.38 0.00	24.11 0.45 0.00	28.06 0.47 -0.01	33.02 0.55 0.00	43.54 0.73 0.00	48.89 0.63 0.00	49.68 0.54 0.00	44.47 0.48 0.00	39.92 0.44 0.00	33.86 0.37 0.00	28.71 0.26 0.00
GILBOA___2 23757	26.28 0.26 0.00	24.37 0.22 0.00	22.08 0.22 0.00	21.37 0.17 0.00	20.58 0.14 0.00	22.30 0.16 0.00	23.77 0.19 0.00	23.49 0.23 0.00	19.81 0.27 0.00	17.78 0.25 0.00	18.89 0.28 0.00	19.34 0.30 0.00	21.12 0.35 0.00	22.96 0.38 0.00	24.11 0.45 0.00	28.06 0.47 -0.01	33.02 0.55 0.00	43.54 0.73 0.00	48.89 0.63 0.00	49.68 0.54 0.00	44.47 0.48 0.00	39.92 0.44 0.00	33.86 0.37 0.00	28.71 0.26 0.00
GILBOA___3 23758	26.28 0.26 0.00	24.37 0.22 0.00	22.08 0.22 0.00	21.37 0.17 0.00	20.58 0.14 0.00	22.30 0.16 0.00	23.77 0.19 0.00	23.49 0.23 0.00	19.81 0.27 0.00	17.78 0.25 0.00	18.89 0.28 0.00	19.34 0.30 0.00	21.12 0.35 0.00	22.96 0.38 0.00	24.11 0.45 0.00	28.06 0.47 -0.01	33.02 0.55 0.00	43.54 0.73 0.00	48.89 0.63 0.00	49.68 0.54 0.00	44.47 0.48 0.00	39.92 0.44 0.00	33.86 0.37 0.00	28.71 0.26 0.00
GILBOA___4 23759	26.28 0.26 0.00	24.37 0.22 0.00	22.08 0.22 0.00	21.37 0.17 0.00	20.58 0.14 0.00	22.30 0.16 0.00	23.77 0.19 0.00	23.49 0.23 0.00	19.81 0.27 0.00	17.78 0.25 0.00	18.89 0.28 0.00	19.34 0.30 0.00	21.12 0.35 0.00	22.96 0.38 0.00	24.11 0.45 0.00	28.06 0.47 -0.01	33.02 0.55 0.00	43.54 0.73 0.00	48.89 0.63 0.00	49.68 0.54 0.00	44.47 0.48 0.00	39.92 0.44 0.00	33.86 0.37 0.00	28.71 0.26 0.00



GILBOA____ 23599	26.28 0.26 0.00	24.37 0.22 0.00	22.08 0.22 0.00	21.37 0.17 0.00	20.60 0.16 0.00	22.30 0.15 0.00	23.77 0.19 0.00	23.49 0.23 0.00	19.81 0.27 0.00	17.78 0.25 0.00	18.89 0.28 0.00	19.34 0.30 0.00	21.12 0.35 0.00	22.96 0.38 0.00	24.11 0.45 0.00	28.06 0.47 -0.01	33.02 0.55 0.00	43.54 0.73 0.00	48.89 0.63 0.00	49.68 0.54 0.00	44.47 0.48 0.00	39.96 0.47 0.00	33.86 0.37 0.00	28.71 0.26 0.00
GINNA____ 23603	24.64 -1.38 0.00	22.80 -1.35 0.00	20.66 -1.20 0.00	20.10 -1.10 0.00	19.33 -1.10 0.00	21.04 -1.11 0.00	22.30 -1.27 0.00	21.89 -1.37 0.00	18.26 -1.27 0.00	16.38 -1.16 0.00	17.37 -1.25 0.00	17.80 -1.24 0.00	19.48 -1.29 0.00	21.09 -1.49 0.00	22.01 -1.66 0.00	25.84 -1.74 0.00	30.26 -2.21 0.00	39.77 -3.04 0.00	45.08 -3.19 0.00	46.28 -2.85 0.00	41.39 -2.60 0.00	37.12 -2.37 0.00	31.85 -1.64 0.00	27.18 -1.28 0.00
GLEN PARK____ 23778	26.77 0.75 0.00	24.94 0.80 0.00	22.63 0.76 0.00	21.97 0.76 0.00	21.17 0.73 0.00	22.96 0.82 0.00	24.43 0.85 0.00	24.03 0.77 0.00	19.84 0.31 0.00	17.75 0.21 0.00	18.76 0.15 0.00	19.10 0.06 0.00	20.75 -0.02 0.00	22.64 0.07 0.00	23.83 0.17 0.00	27.97 0.39 0.00	33.05 0.59 0.00	43.97 1.16 0.00	49.96 1.69 0.00	51.59 2.46 0.00	46.18 2.20 0.00	41.27 1.78 0.00	34.93 1.44 0.00	29.65 1.19 0.00
GLENDALE_27_KV_LOAD 356172	27.03 1.01 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.84 0.64 0.00	21.09 0.65 0.00	22.50 0.35 0.00	24.10 0.52 0.00	24.00 0.74 0.00	20.49 0.96 0.00	18.54 1.00 0.00	19.75 1.14 0.00	20.33 1.29 0.00	22.24 1.47 0.00	24.11 1.54 0.00	25.39 1.73 0.00	29.50 1.88 -0.04	34.58 2.11 0.00	45.08 2.27 0.00	50.49 2.22 0.00	51.05 1.92 0.00	45.79 1.80 0.00	41.27 1.78 0.00	35.00 1.51 0.00	29.68 1.22 0.00
GLENWOOD_IC_1_G5 23712	27.00 0.99 0.00	24.97 0.82 0.00	22.57 0.70 0.00	21.78 0.57 0.00	20.93 0.49 0.00	22.61 0.46 0.00	24.19 0.61 0.00	24.05 0.79 0.00	20.59 1.05 0.00	18.59 1.05 0.00	19.82 1.19 -0.02	20.35 1.29 -0.02	22.24 1.45 -0.02	31.81 1.51 -7.72	37.46 1.70 -12.09	36.97 1.88 -7.51	39.11 2.11 -4.54	45.40 2.57 -0.02	50.54 2.27 0.00	51.00 1.87 0.00	46.01 2.02 0.00	41.42 1.93 0.00	35.07 1.57 0.00	29.57 1.11 0.00
GLENWOOD_IC_2_G1 23688	26.87 0.86 0.00	24.85 0.70 0.00	22.48 0.61 0.00	21.69 0.49 0.00	20.84 0.41 0.00	22.54 0.40 0.00	24.12 0.54 0.00	23.96 0.70 0.00	20.47 0.94 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.20 1.16 0.00	22.08 1.31 0.00	24.26 1.35 -0.33	25.72 1.54 -0.52	29.63 1.68 -0.36	34.58 1.92 -0.19	45.12 2.31 0.00	50.54 2.27 0.00	51.05 1.91 0.00	45.79 1.80 0.00	41.19 1.70 0.00	34.83 1.34 0.00	29.39 0.94 0.00
GLENWOOD_IC_3_G1 23689	26.87 0.86 0.00	24.85 0.70 0.00	22.48 0.61 0.00	21.69 0.49 0.00	20.84 0.41 0.00	22.54 0.40 0.00	24.12 0.54 0.00	23.96 0.70 0.00	20.47 0.94 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.20 1.16 0.00	22.08 1.31 0.00	24.26 1.35 -0.33	25.72 1.54 -0.52	29.63 1.68 -0.36	34.58 1.92 -0.19	45.12 2.31 0.00	50.54 2.27 0.00	51.05 1.91 0.00	45.79 1.80 0.00	41.19 1.70 0.00	34.83 1.34 0.00	29.39 0.94 0.00
GLENWOOD____4 23550	27.00 0.99 0.00	24.97 0.82 0.00	22.57 0.70 0.00	21.78 0.57 0.00	20.93 0.49 0.00	22.61 0.46 0.00	24.19 0.61 0.00	24.05 0.79 0.00	20.59 1.05 0.00	18.59 1.05 0.00	19.82 1.19 -0.02	20.35 1.29 -0.02	22.24 1.45 -0.02	31.81 1.51 -7.72	37.46 1.70 -12.09	36.97 1.88 -7.51	39.11 2.11 -4.54	45.40 2.57 -0.02	50.68 2.41 0.00	51.10 1.97 0.00	46.01 2.02 0.00	41.42 1.93 0.00	35.07 1.57 0.00	29.57 1.11 0.00
GLENWOOD____5 23614	27.00 0.99 0.00	24.97 0.82 0.00	22.57 0.70 0.00	21.78 0.57 0.00	20.93 0.49 0.00	22.61 0.46 0.00	24.19 0.61 0.00	24.05 0.79 0.00	20.59 1.05 0.00	18.59 1.05 0.00	19.82 1.19 -0.02	20.35 1.29 -0.02	22.24 1.45 -0.02	31.81 1.51 -7.72	37.46 1.70 -12.09	36.97 1.88 -7.51	39.11 2.11 -4.54	45.40 2.57 -0.02	50.68 2.41 0.00	51.10 1.97 0.00	46.01 2.02 0.00	41.42 1.93 0.00	35.07 1.57 0.00	29.57 1.11 0.00
GLOBAL GREEN_PORT_GT1 23814	27.47 1.46 0.00	25.31 1.16 0.00	22.96 1.09 0.00	22.03 0.83 0.00	21.03 0.59 0.00	22.76 0.62 0.00	24.24 0.66 0.00	24.14 0.88 0.00	21.17 1.64 0.00	19.06 1.53 0.00	20.20 1.58 -0.01	20.74 1.69 -0.01	22.71 1.93 -0.01	29.11 2.08 -4.46	32.97 2.32 -6.98	34.69 2.76 -4.36	38.33 3.25 -2.62	46.76 3.94 -0.01	52.32 4.05 0.00	52.43 3.29 0.00	47.02 3.03 0.00	42.13 2.65 0.00	35.80 2.31 0.00	29.94 1.48 0.00
GLOBE____DSASP 323697	25.39 -0.62 0.00	23.62 -0.53 0.00	21.10 -0.77 0.00	20.78 -0.42 0.00	19.99 -0.45 0.00	21.54 -0.60 0.00	22.59 -0.99 0.00	22.00 -1.26 0.00	18.40 -1.13 0.00	16.47 -1.07 0.00	17.55 -1.06 0.00	18.05 -0.99 0.00	19.73 -1.04 0.00	21.27 -1.31 0.00	22.29 -1.37 0.00	25.95 -1.63 0.00	30.03 -2.44 0.00	38.87 -3.94 0.00	44.21 -4.05 0.00	45.84 -3.29 0.00	40.86 -3.12 0.00	37.04 -2.45 0.00	32.15 -1.34 0.00	27.83 -0.63 0.00
GOETHSLN____LBMP 323567	26.58 0.65 0.08	24.60 0.53 0.08	22.22 0.44 0.08	21.58 0.38 0.00	20.78 0.35 0.00	22.35 0.29 0.08	23.95 0.45 0.08	23.84 0.58 0.00	20.35 0.82 0.00	18.38 0.84 0.00	19.58 0.97 0.00	20.14 1.10 0.00	22.03 1.27 0.00	23.86 1.29 0.00	25.13 1.47 0.00	29.22 1.60 -0.04	34.29 1.82 0.00	39.68 2.18 5.32	45.01 2.03 5.28	46.13 1.77 4.77	42.13 1.72 3.56	40.83 1.70 0.36	34.60 1.11 0.00	29.17 0.80 0.08
GOLAH____69_KV_TB 1_2 80279	25.86 -0.16 0.00	23.96 -0.19 0.00	21.71 -0.15 0.00	21.10 -0.11 0.00	20.27 -0.16 0.00	22.16 0.02 0.00	23.39 -0.19 0.00	22.89 -0.37 0.00	19.10 -0.43 0.00	17.10 -0.44 0.00	18.17 -0.45 0.00	18.62 -0.42 0.00	20.37 -0.39 0.00	22.03 -0.54 0.00	23.00 -0.66 0.00	26.95 -0.63 0.00	31.43 -1.04 0.00	41.14 -1.67 0.00	46.72 -1.54 0.00	48.20 -0.93 0.00	43.10 -0.88 0.00	38.70 -0.79 0.00	33.29 -0.20 0.00	28.57 0.11 0.00
GOODYEAR_LAKE_HYD 323669	26.56 0.55 0.00	24.68 0.53 0.00	22.35 0.48 0.00	21.65 0.45 0.00	20.86 0.43 0.00	22.61 0.46 0.00	24.10 0.52 0.00	23.72 0.47 0.00	19.81 0.27 0.00	17.75 0.21 0.00	18.84 0.22 0.00	19.25 0.21 0.00	21.00 0.23 0.00	22.87 0.29 0.00	24.07 0.40 0.00	28.13 0.55 0.00	33.18 0.71 0.00	43.84 1.03 0.00	49.47 1.21 0.00	50.66 1.52 0.00	45.30 1.32 0.00	40.59 1.11 0.00	34.40 0.90 0.00	29.20 0.74 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	26.01 0.00 0.00	24.12 -0.02 0.00	21.84 -0.02 0.00	21.20 0.00 0.00	20.41 -0.02 0.00	22.16 0.02 0.00	23.53 -0.05 0.00	23.14 -0.12 0.00	19.36 -0.18 0.00	17.36 -0.18 0.00	18.46 -0.15 0.00	18.91 -0.13 0.00	20.64 -0.12 0.00	22.37 -0.20 0.00	23.50 -0.17 0.00	27.44 -0.14 0.00	32.21 -0.26 0.00	42.34 -0.47 0.00	47.88 -0.39 0.00	49.09 -0.05 0.00	43.81 -0.18 0.00	39.33 -0.16 0.00	33.52 0.03 0.00	28.60 0.14 0.00



GOUDEY___7 23579	26.01 0.00 0.00	24.12 -0.02 0.00	21.84 -0.02 0.00	21.20 0.00 0.00	20.41 -0.02 0.00	22.16 0.02 0.00	23.53 -0.05 0.00	23.14 -0.12 0.00	19.36 -0.18 0.00	17.36 -0.18 0.00	18.46 -0.15 0.00	18.91 -0.13 0.00	20.64 -0.12 0.00	22.37 -0.20 0.00	23.50 -0.17 0.00	27.44 -0.14 0.00	32.21 -0.26 0.00	42.34 -0.47 0.00	47.88 -0.39 0.00	49.09 -0.05 0.00	43.81 -0.18 0.00	39.33 -0.16 0.00	33.52 0.03 0.00	28.60 0.14 0.00
GOUDEY___8 23580	26.01 0.00 0.00	24.12 -0.02 0.00	21.84 -0.02 0.00	21.20 0.00 0.00	20.41 -0.02 0.00	22.16 0.02 0.00	23.53 -0.05 0.00	23.14 -0.12 0.00	19.36 -0.18 0.00	17.36 -0.18 0.00	18.46 -0.15 0.00	18.91 -0.13 0.00	20.64 -0.12 0.00	22.37 -0.20 0.00	23.50 -0.17 0.00	27.44 -0.14 0.00	32.21 -0.26 0.00	42.34 -0.47 0.00	47.88 -0.39 0.00	49.09 -0.05 0.00	43.81 -0.18 0.00	39.33 -0.16 0.00	33.52 0.03 0.00	28.60 0.14 0.00
GOWANUS_GT1_1 24077	27.00 0.99 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.09 0.65 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.91 2.10 0.00	50.39 2.12 0.00	51.00 1.87 0.00	45.74 1.76 0.00	41.07 1.58 0.00	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT1_2 24078	27.00 0.99 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.09 0.65 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.91 2.10 0.00	50.39 2.12 0.00	51.00 1.87 0.00	45.74 1.76 0.00	41.07 1.58 0.00	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT1_3 24079	27.00 0.99 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.09 0.65 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.91 2.10 0.00	50.39 2.12 0.00	51.00 1.87 0.00	45.74 1.76 0.00	41.07 1.58 0.00	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT1_4 24080	27.00 0.99 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.09 0.65 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.91 2.10 0.00	50.39 2.12 0.00	51.00 1.87 0.00	45.74 1.76 0.00	41.07 1.58 0.00	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT1_5 24084	27.00 0.99 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.09 0.65 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.91 2.10 0.00	50.39 2.12 0.00	51.00 1.87 0.00	45.74 1.76 0.00	41.07 1.58 0.00	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT1_6 24111	27.00 0.99 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.09 0.65 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.91 2.10 0.00	50.39 2.12 0.00	51.00 1.87 0.00	45.74 1.76 0.00	41.07 1.58 0.00	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT1_7 24112	27.00 0.99 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.09 0.65 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.91 2.10 0.00	50.39 2.12 0.00	51.00 1.87 0.00	45.74 1.76 0.00	41.07 1.58 0.00	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT1_8 24113	27.00 0.99 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.09 0.65 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.91 2.10 0.00	50.39 2.12 0.00	51.00 1.87 0.00	45.74 1.76 0.00	41.07 1.58 0.00	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT2_1 24114	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT2_2 24115	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT2_3 24116	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT2_4 24117	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT2_5 24118	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00



GOWANUS_GT2_6 24119	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT2_7 24120	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT2_8 24121	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT3_1 24122	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT3_2 24123	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT3_3 24124	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT3_4 24125	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT3_5 24126	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT3_6 24127	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT3_7 24128	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT3_8 24129	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT4_1 24130	27.00 0.99 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.09 0.65 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.91 2.10 0.00	50.39 2.12 0.00	51.00 1.87 0.00	45.74 1.76 0.00	41.07 1.58 0.00	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT4_2 24131	27.00 0.99 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.09 0.65 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.91 2.10 0.00	50.39 2.12 0.00	51.00 1.87 0.00	45.74 1.76 0.00	41.07 1.58 0.00	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT4_3 24132	27.00 0.99 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.09 0.65 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.91 2.10 0.00	50.39 2.12 0.00	51.00 1.87 0.00	45.74 1.76 0.00	41.07 1.58 0.00	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT4_4 24133	27.00 0.99 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.09 0.65 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.91 2.10 0.00	50.39 2.12 0.00	51.00 1.87 0.00	45.74 1.76 0.00	41.07 1.58 0.00	35.03 1.54 0.00	29.71 1.25 0.00



GOWANUS_GT4_5 24134	27.00 0.99 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.09 0.65 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.91 2.10 0.00	50.39 2.12 0.00	51.00 1.87 0.00	45.74 1.76 0.00	41.07 1.58 0.00	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT4_6 24135	27.00 0.99 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.09 0.65 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.91 2.10 0.00	50.39 2.12 0.00	51.00 1.87 0.00	45.74 1.76 0.00	41.07 1.58 0.00	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT4_7 24136	27.00 0.99 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.09 0.65 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.91 2.10 0.00	50.39 2.12 0.00	51.00 1.87 0.00	45.74 1.76 0.00	41.07 1.58 0.00	35.03 1.54 0.00	29.71 1.25 0.00
GOWANUS_GT4_8 24137	27.00 0.99 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.09 0.65 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.91 2.10 0.00	50.39 2.12 0.00	51.00 1.87 0.00	45.74 1.76 0.00	41.07 1.58 0.00	35.03 1.54 0.00	29.71 1.25 0.00
GREATVR_69_KV_BK1 356245	27.24 1.22 0.00	25.11 0.97 0.00	22.74 0.87 0.00	21.86 0.66 0.00	20.93 0.49 0.00	22.67 0.53 0.00	24.21 0.64 0.00	24.12 0.86 0.00	20.94 1.41 0.00	18.87 1.33 -0.01	20.06 1.43 -0.01	20.59 1.54 -0.01	22.52 1.74 -0.01	28.99 1.83 -4.59	32.88 2.04 -7.18	34.46 2.40 -4.48	37.92 2.76 -2.69	46.08 3.25 -0.01	51.65 3.38 0.00	51.79 2.65 0.00	46.45 2.46 0.00	41.70 2.21 0.00	35.50 2.01 0.00	29.82 1.37 0.00
GREENBSH_115KV_TB3 55895	26.04 0.03 0.00	24.17 0.02 0.00	21.95 0.09 0.00	21.25 0.04 0.00	20.48 0.04 0.00	22.14 0.00 0.00	23.60 0.02 0.00	23.33 0.07 0.00	19.65 0.12 0.00	17.63 0.09 0.00	18.71 0.09 0.00	19.14 0.10 0.00	20.87 0.10 0.00	22.69 0.11 0.00	23.83 0.17 0.00	27.66 0.11 0.03	32.60 0.13 0.00	43.07 0.26 0.00	48.46 0.19 0.00	49.13 0.00 0.00	43.98 0.00 0.00	39.53 0.04 0.00	33.36 -0.13 0.00	28.29 -0.17 0.00
GREENDGE_115KV_TB5 80291	26.09 0.08 0.00	24.15 0.00 0.00	21.89 0.02 0.00	21.27 0.06 0.00	20.46 0.02 0.00	22.34 0.20 0.00	23.63 0.05 0.00	23.19 0.07 0.00	19.28 -0.25 0.00	17.24 -0.30 0.00	18.30 -0.32 0.00	18.75 -0.29 0.00	20.46 -0.31 0.00	22.19 -0.38 0.00	23.26 -0.40 0.00	27.30 -0.28 0.00	32.11 -0.36 0.00	41.96 -0.86 0.00	47.64 -0.63 0.00	49.09 -0.05 0.00	43.72 -0.26 0.00	39.13 -0.36 0.00	33.76 0.27 0.00	28.80 0.34 0.00
GREENIDGE___3 23582	26.09 0.08 0.00	24.15 0.00 0.00	21.89 0.02 0.00	21.27 0.06 0.00	20.46 0.02 0.00	22.34 0.20 0.00	23.63 0.05 0.00	23.19 -0.07 0.00	19.28 -0.25 0.00	17.24 -0.30 0.00	18.30 -0.32 0.00	18.75 -0.29 0.00	20.46 -0.31 0.00	22.19 -0.38 0.00	23.26 -0.40 0.00	27.30 -0.28 0.00	32.11 -0.36 0.00	41.96 -0.86 0.00	47.64 -0.63 0.00	49.09 -0.05 0.00	43.72 -0.26 0.00	39.13 -0.36 0.00	33.76 0.27 0.00	28.80 0.34 0.00
GREENIDGE___4 23583	26.09 0.08 0.00	24.17 0.02 0.00	21.89 0.02 0.00	21.27 0.06 0.00	20.52 0.08 0.00	22.34 0.20 0.00	23.63 0.05 0.00	23.19 -0.07 0.00	19.28 -0.25 0.00	17.28 -0.26 0.00	18.30 -0.32 0.00	18.76 -0.29 0.00	20.46 -0.31 0.00	22.19 -0.38 0.00	23.26 -0.40 0.00	27.30 -0.28 0.00	32.11 -0.36 0.00	41.96 -0.86 0.00	47.64 -0.63 0.00	49.09 -0.05 0.00	43.72 -0.26 0.00	39.17 -0.32 0.00	33.76 0.27 0.00	28.80 0.34 0.00
GREENLWN_69_KV_BK 3 55738	27.16 1.14 0.00	25.04 0.89 0.00	22.67 0.81 0.00	21.82 0.61 0.00	20.93 0.49 0.00	22.63 0.49 0.00	24.19 0.61 0.00	24.10 0.84 0.00	20.78 1.25 0.00	18.75 1.21 0.00	19.96 1.34 -0.01	20.50 1.45 -0.01	22.40 1.62 -0.01	28.81 1.67 -4.56	32.65 1.85 -7.14	34.14 2.10 -4.46	37.46 2.31 -2.69	45.61 2.78 -0.01	51.21 2.94 0.00	51.39 2.26 0.00	46.05 2.07 0.00	41.50 2.01 0.00	35.30 1.81 0.00	29.71 1.25 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	27.00 0.99 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.09 0.65 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.91 2.10 0.00	50.39 2.12 0.00	51.00 1.87 0.00	45.74 1.76 0.00	41.07 1.58 0.00	35.03 1.54 0.00	29.71 1.25 0.00
GRISSOM___SOLAR 323813	27.08 1.07 0.00	25.16 1.01 0.00	22.83 0.96 0.00	22.11 0.91 0.00	21.27 0.84 0.00	23.16 1.02 0.00	24.64 1.06 0.00	24.07 0.81 0.00	19.81 0.27 0.00	17.50 -0.04 0.00	18.37 -0.24 0.00	18.68 -0.36 0.00	20.33 -0.44 0.00	22.24 -0.34 0.00	23.50 -0.16 0.00	27.67 0.11 0.02	33.15 0.68 0.00	44.35 1.54 0.00	50.54 2.27 0.00	51.79 2.65 0.00	46.31 2.33 0.00	41.50 2.01 0.00	35.13 1.64 0.00	29.68 1.22 0.00
GROVEVILLE___HYD 323602	26.77 0.75 0.00	24.80 0.65 0.00	22.43 0.57 0.00	21.69 0.49 0.00	20.88 0.45 0.00	22.59 0.44 0.00	24.19 0.61 0.00	23.91 0.65 0.00	20.24 0.70 0.00	18.22 0.68 0.00	19.36 0.74 0.00	19.88 0.84 0.00	21.79 1.02 0.00	23.68 1.11 0.00	24.89 1.23 0.00	28.99 1.38 -0.04	34.09 1.62 0.00	44.95 2.14 0.00	50.39 2.12 0.00	51.10 1.97 0.00	45.79 1.80 0.00	41.19 1.70 0.00	34.66 1.17 0.00	29.34 0.88 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	25.75 -0.26 0.00	23.88 -0.27 0.00	21.62 -0.24 0.00	20.99 -0.21 0.00	20.21 -0.22 0.00	21.94 -0.20 0.00	23.30 -0.28 0.00	22.96 -0.30 0.00	19.22 -0.31 0.00	17.26 -0.28 0.00	18.30 -0.32 0.00	18.72 -0.32 0.00	20.41 -0.35 0.00	22.19 -0.38 0.00	23.21 -0.45 0.00	27.14 -0.44 0.00	31.98 -0.49 0.00	42.13 -0.68 0.00	47.54 -0.72 0.00	48.64 -0.49 0.00	43.46 -0.53 0.00	38.98 -0.51 0.00	33.19 -0.30 0.00	28.20 -0.26 0.00
HAMLTNNY_34_KV_TB 80303	25.81 -0.21 0.00	23.93 -0.22 0.00	21.67 -0.20 0.00	21.05 -0.15 0.00	20.25 -0.18 0.00	22.01 -0.13 0.00	23.37 -0.21 0.00	22.98 -0.28 0.00	19.24 -0.29 0.00	17.26 -0.28 0.00	18.32 -0.30 0.00	18.74 -0.30 0.00	20.44 -0.33 0.00	22.22 -0.36 0.00	23.21 -0.45 0.00	27.19 -0.39 0.00	31.98 -0.49 0.00	42.17 -0.64 0.00	47.64 -0.63 0.00	48.74 -0.39 0.00	43.54 -0.44 0.00	39.05 -0.43 0.00	33.29 -0.20 0.00	28.31 -0.14 0.00



HAMPSHIRE___PAPER_HYD 323593	26.64 0.62 0.00	24.80 0.65 0.00	22.48 0.61 0.00	21.82 0.62 0.00	21.05 0.61 0.00	22.85 0.71 0.00	24.26 0.68 0.00	23.86 0.60 0.00	19.84 0.31 0.00	17.77 0.23 0.00	18.84 0.22 0.00	19.17 0.13 0.00	20.87 0.10 0.00	22.78 0.20 0.00	23.95 0.28 0.00	27.88 0.30 0.00	32.89 0.42 0.00	43.50 0.68 0.00	49.33 1.06 0.00	50.46 1.33 0.00	45.30 1.32 0.00	40.56 1.07 0.00	34.46 0.97 0.00	29.39 0.94 0.00
HARDSCRABBLE_WT_PWR 323673	26.33 0.31 0.00	24.49 0.34 0.00	22.19 0.33 0.00	21.52 0.32 0.00	20.72 0.29 0.00	22.45 0.31 0.00	23.91 0.33 0.00	23.58 0.33 0.00	19.77 0.24 0.00	17.75 0.21 0.00	18.84 0.22 0.00	19.27 0.23 0.00	21.00 0.23 0.00	22.85 0.27 0.00	24.00 0.33 0.00	27.97 0.39 0.00	32.92 0.45 0.00	43.41 0.60 0.00	48.94 0.68 0.00	49.92 0.78 0.00	44.68 0.70 0.00	40.16 0.67 0.00	33.99 0.50 0.00	28.88 0.43 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	26.61 0.60 0.00	24.66 0.51 0.00	22.28 0.42 0.00	21.54 0.34 0.00	20.76 0.33 0.00	22.43 0.29 0.00	24.03 0.45 0.00	23.77 0.51 0.00	20.14 0.61 0.00	18.14 0.60 0.00	19.30 0.69 0.00	19.82 0.78 0.00	21.70 0.93 0.00	23.57 0.99 0.00	24.80 1.14 0.00	28.88 1.27 -0.03	33.90 1.43 0.00	44.65 1.84 0.00	50.10 1.83 0.00	50.81 1.67 0.00	45.52 1.54 0.00	40.91 1.42 0.00	34.50 1.00 0.00	29.17 0.71 0.00
HARSNRAD_115KV_TB1 81005	25.57 -0.44 0.00	23.74 -0.41 0.00	21.62 -0.24 0.00	20.89 -0.32 0.00	20.07 -0.37 0.00	22.10 -0.04 0.00	23.11 -0.47 0.00	22.45 -0.81 0.00	18.73 -0.80 0.00	16.77 -0.77 0.00	17.87 -0.74 0.00	18.37 -0.67 0.00	20.08 -0.69 0.00	21.67 -0.90 0.00	22.72 -0.95 0.00	26.50 -1.08 0.00	30.68 -1.79 0.00	39.77 -3.04 0.00	45.27 -2.99 0.00	46.97 -2.16 0.00	41.83 -2.16 0.00	37.83 -1.66 0.00	32.82 -0.67 0.00	28.51 0.06 0.00
HARZA MOOSE___RIVER 24016	26.51 0.49 0.00	24.68 0.53 0.00	22.37 0.50 0.00	21.71 0.51 0.00	20.93 0.49 0.00	22.67 0.53 0.00	24.12 0.54 0.00	23.77 0.51 0.00	19.79 0.25 0.00	17.71 0.18 0.00	18.78 0.17 0.00	19.15 0.11 0.00	20.83 0.06 0.00	22.71 0.14 0.00	23.88 0.21 0.00	27.91 0.33 0.00	32.92 0.45 0.00	43.63 0.81 0.00	49.33 1.06 0.00	50.61 1.47 0.00	45.30 1.32 0.00	40.52 1.03 0.00	34.40 0.90 0.00	29.23 0.77 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	25.60 -0.42 0.00	23.74 -0.41 0.00	21.49 -0.37 0.00	20.86 -0.34 0.00	20.11 -0.33 0.00	21.81 -0.33 0.00	23.18 -0.40 0.00	22.84 -0.42 0.00	19.14 -0.39 0.00	17.17 -0.37 0.00	18.22 -0.39 0.00	18.64 -0.40 0.00	20.35 -0.42 0.00	22.10 -0.47 0.00	23.12 -0.54 0.00	27.00 -0.58 0.00	31.79 -0.68 0.00	41.83 -0.98 0.00	47.21 -1.06 0.00	48.25 -0.88 0.00	43.15 -0.84 0.00	38.70 -0.79 0.00	32.96 -0.54 0.00	28.03 -0.43 0.00
HELLGATE_13_KV_LD 55870	27.03 1.01 0.00	25.02 0.87 0.00	22.61 0.74 0.00	21.86 0.66 0.00	21.09 0.65 0.00	22.47 0.33 0.00	24.07 0.50 0.00	23.98 0.72 0.00	20.49 0.96 0.00	18.54 1.00 0.00	19.75 1.14 0.00	20.33 1.29 0.00	22.24 1.47 0.00	24.11 1.54 0.00	25.37 1.70 0.00	29.47 1.85 -0.04	34.54 2.08 0.00	45.04 2.23 0.00	50.39 2.12 0.00	50.95 1.82 0.00	45.74 1.76 0.00	41.23 1.74 0.00	34.97 1.47 0.00	29.68 1.22 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	27.03 1.01 0.00	25.02 0.87 0.00	22.61 0.74 0.00	21.86 0.66 0.00	21.09 0.65 0.00	22.47 0.33 0.00	24.07 0.50 0.00	23.98 0.72 0.00	20.49 0.96 0.00	18.54 1.00 0.00	19.75 1.14 0.00	20.33 1.29 0.00	22.24 1.47 0.00	24.11 1.54 0.00	25.37 1.70 0.00	29.47 1.85 -0.04	34.54 2.08 0.00	45.04 2.23 0.00	50.39 2.12 0.00	50.95 1.82 0.00	45.74 1.76 0.00	41.23 1.74 0.00	34.97 1.47 0.00	29.68 1.22 0.00
HEMPSTEAD___ 23647	26.93 0.91 0.00	24.87 0.72 0.00	22.50 0.63 0.00	21.67 0.47 0.00	20.78 0.35 0.00	22.50 0.35 0.00	24.05 0.47 0.00	23.93 0.67 0.00	20.59 1.05 0.00	18.56 1.02 0.00	19.78 1.15 -0.01	20.31 1.26 -0.01	22.19 1.41 -0.01	30.66 1.42 -6.66	35.68 1.59 -10.43	35.83 1.77 -6.48	38.36 1.98 -3.91	45.18 2.35 -0.01	50.63 2.36 0.00	50.95 1.82 0.00	45.74 1.76 0.00	41.11 1.62 0.00	34.93 1.44 0.00	29.39 0.94 0.00
HICKLING___1 23621	26.01 0.00 0.00	24.12 -0.02 0.00	21.87 0.00 0.00	21.22 0.02 0.00	20.43 0.00 0.00	22.28 0.13 0.00	23.51 -0.07 0.00	23.03 -0.23 0.00	19.16 -0.37 0.00	17.15 -0.39 0.00	18.24 -0.37 0.00	18.72 -0.32 0.00	20.44 -0.33 0.00	22.13 -0.45 0.00	23.24 -0.43 0.00	27.22 -0.36 0.00	31.85 -0.62 0.00	41.74 -1.07 0.00	47.40 -0.87 0.00	48.94 -0.20 0.00	43.59 -0.40 0.00	39.13 -0.36 0.00	33.56 0.07 0.00	28.74 0.28 0.00
HICKLING___2 23622	26.01 0.00 0.00	24.12 -0.02 0.00	21.87 0.00 0.00	21.22 0.02 0.00	20.43 0.00 0.00	22.28 0.13 0.00	23.51 -0.07 0.00	23.03 -0.23 0.00	19.16 -0.37 0.00	17.15 -0.39 0.00	18.24 -0.37 0.00	18.72 -0.32 0.00	20.44 -0.33 0.00	22.13 -0.45 0.00	23.24 -0.43 0.00	27.22 -0.36 0.00	31.85 -0.62 0.00	41.74 -1.07 0.00	47.40 -0.87 0.00	48.94 -0.20 0.00	43.59 -0.40 0.00	39.13 -0.36 0.00	33.56 0.07 0.00	28.74 0.28 0.00
HIGH FALLS___HY 23754	26.77 0.75 0.00	24.82 0.68 0.00	22.39 0.52 0.00	21.65 0.45 0.00	20.86 0.43 0.00	22.56 0.42 0.00	24.19 0.61 0.00	23.89 0.63 0.00	20.24 0.70 0.00	18.22 0.68 0.00	19.36 0.74 0.00	19.86 0.82 0.00	21.79 1.02 0.00	23.68 1.11 0.00	24.92 1.25 0.00	29.04 1.43 -0.02	34.12 1.66 0.00	45.04 2.23 0.00	50.49 2.22 0.00	51.30 2.16 0.00	45.96 1.98 0.00	41.30 1.82 0.00	34.76 1.27 0.00	29.42 0.97 0.00
HIGH_RIVER___SOLAR 323847	26.69 0.68 0.00	24.78 0.63 0.00	22.48 0.61 0.00	21.78 0.57 0.00	20.95 0.51 0.00	22.74 0.60 0.00	24.22 0.64 0.00	23.79 0.54 0.00	19.77 0.24 0.00	17.57 0.04 0.00	18.50 -0.11 0.00	18.87 -0.17 0.00	20.58 -0.19 0.00	22.44 -0.13 0.00	23.66 0.00 0.00	27.75 0.19 0.03	33.02 0.55 0.00	43.92 1.11 0.00	49.77 1.50 0.00	50.75 1.62 0.00	45.43 1.45 0.00	40.75 1.26 0.00	34.50 1.00 0.00	29.20 0.74 0.00
HILLBURN___GT 23639	26.59 0.57 0.00	24.63 0.48 0.00	22.28 0.41 0.00	21.54 0.34 0.00	20.72 0.29 0.00	22.41 0.27 0.00	24.00 0.42 0.00	23.79 0.54 0.00	20.20 0.66 0.00	18.19 0.65 0.00	19.40 0.78 0.00	19.92 0.88 0.00	21.79 1.02 0.00	23.62 1.04 0.00	24.87 1.21 0.00	28.97 1.35 -0.04	33.96 1.49 0.00	44.65 1.84 0.00	50.05 1.79 0.00	50.75 1.62 0.00	45.43 1.45 0.00	40.87 1.38 0.00	34.46 0.97 0.00	29.14 0.68 0.00
HILLSIDE_115KV_TB1 80332	25.73 -0.29 0.00	23.86 -0.29 0.00	21.62 -0.24 0.00	20.97 -0.23 0.00	20.19 -0.25 0.00	21.99 -0.15 0.00	23.25 -0.33 0.00	22.79 -0.47 0.00	19.00 -0.53 0.00	17.03 -0.51 0.00	18.13 -0.48 0.00	18.58 -0.46 0.00	20.29 -0.48 0.00	21.94 -0.63 0.00	23.07 -0.59 0.00	27.00 -0.58 0.00	31.56 -0.91 0.00	41.36 -1.46 0.00	46.92 -1.35 0.00	48.35 -0.79 0.00	43.06 -0.92 0.00	38.66 -0.83 0.00	33.12 -0.37 0.00	28.34 -0.11 0.00



HISHELDN_WT_PWR 323625	25.81 -0.21 0.00	23.95 -0.19 0.00	21.67 -0.20 0.00	21.06 -0.15 0.00	20.39 -0.04 0.00	22.16 0.02 0.00	23.27 -0.31 0.00	22.68 -0.58 0.00	18.87 -0.66 0.00	16.89 -0.65 0.00	17.96 -0.65 0.00	18.45 -0.59 0.00	20.19 -0.58 0.00	21.81 -0.77 0.00	22.88 -0.78 0.00	26.72 -0.86 0.00	31.04 -1.43 0.00	40.33 -2.48 0.00	46.00 -2.27 0.00	47.76 -1.38 0.00	42.49 -1.50 0.00	38.42 -1.06 0.00	33.12 -0.37 0.00	28.60 0.14 0.00
HOLTSVILLE_IC_1 23690	26.85 0.83 0.00	24.75 0.60 0.00	22.43 0.57 0.00	21.56 0.36 0.00	20.64 0.20 0.00	22.36 0.22 0.00	23.88 0.31 0.00	23.82 0.56 0.00	20.70 1.17 0.00	18.63 1.09 0.00	19.78 1.15 -0.01	20.29 1.24 -0.01	22.19 1.41 -0.01	28.48 1.45 -4.45	32.27 1.63 -6.97	33.83 1.90 -4.35	37.23 2.14 -2.62	45.26 2.44 -0.01	50.68 2.41 0.00	50.85 1.72 0.00	45.65 1.67 0.00	40.99 1.50 0.00	34.96 1.47 0.00	29.31 0.85 0.00
HOLTSVILLE_IC_10 23699	26.95 0.94 0.00	24.85 0.70 0.00	22.52 0.66 0.00	21.65 0.45 0.00	20.70 0.26 0.00	22.43 0.29 0.00	23.98 0.40 0.00	23.89 0.63 0.00	20.78 1.25 0.00	18.71 1.18 0.00	19.85 1.23 -0.01	20.38 1.33 -0.01	22.29 1.52 -0.01	28.64 1.58 -4.49	32.46 1.78 -7.02	34.06 2.10 -4.38	37.47 2.37 -2.64	45.57 2.74 -0.01	51.07 2.80 0.00	51.20 2.06 0.00	45.96 1.98 0.00	41.22 1.74 0.00	35.13 1.64 0.00	29.42 0.97 0.00
HOLTSVILLE_IC_2 23691	26.85 0.83 0.00	24.75 0.60 0.00	22.43 0.57 0.00	21.56 0.36 0.00	20.64 0.20 0.00	22.36 0.22 0.00	23.88 0.31 0.00	23.82 0.56 0.00	20.70 1.17 0.00	18.63 1.09 0.00	19.78 1.15 -0.01	20.29 1.24 -0.01	22.19 1.41 -0.01	28.48 1.45 -4.45	32.27 1.63 -6.97	33.83 1.90 -4.35	37.23 2.14 -2.62	45.26 2.44 -0.01	50.68 2.41 0.00	50.85 1.72 0.00	45.65 1.67 0.00	40.99 1.50 0.00	34.96 1.47 0.00	29.31 0.85 0.00
HOLTSVILLE_IC_3 23692	26.85 0.83 0.00	24.75 0.60 0.00	22.43 0.57 0.00	21.56 0.36 0.00	20.64 0.20 0.00	22.36 0.22 0.00	23.88 0.31 0.00	23.82 0.56 0.00	20.70 1.17 0.00	18.63 1.09 0.00	19.78 1.15 -0.01	20.29 1.24 -0.01	22.19 1.41 -0.01	28.48 1.45 -4.45	32.27 1.63 -6.97	33.83 1.90 -4.35	37.23 2.14 -2.62	45.26 2.44 -0.01	50.68 2.41 0.00	50.85 1.72 0.00	45.65 1.67 0.00	40.99 1.50 0.00	34.96 1.47 0.00	29.31 0.85 0.00
HOLTSVILLE_IC_4 23693	26.85 0.83 0.00	24.75 0.60 0.00	22.43 0.57 0.00	21.56 0.36 0.00	20.64 0.20 0.00	22.36 0.22 0.00	23.88 0.31 0.00	23.82 0.56 0.00	20.70 1.17 0.00	18.63 1.09 0.00	19.78 1.15 -0.01	20.29 1.24 -0.01	22.19 1.41 -0.01	28.48 1.45 -4.45	32.27 1.63 -6.97	33.83 1.90 -4.35	37.23 2.14 -2.62	45.26 2.44 -0.01	50.68 2.41 0.00	50.85 1.72 0.00	45.65 1.67 0.00	40.99 1.50 0.00	34.96 1.47 0.00	29.31 0.85 0.00
HOLTSVILLE_IC_5 23694	26.85 0.83 0.00	24.75 0.60 0.00	22.43 0.57 0.00	21.56 0.36 0.00	20.64 0.20 0.00	22.36 0.22 0.00	23.88 0.31 0.00	23.82 0.56 0.00	20.70 1.17 0.00	18.63 1.09 0.00	19.78 1.15 -0.01	20.29 1.24 -0.01	22.19 1.41 -0.01	28.48 1.45 -4.45	32.27 1.63 -6.97	33.83 1.90 -4.35	37.23 2.14 -2.62	45.26 2.44 -0.01	50.68 2.41 0.00	50.85 1.72 0.00	45.65 1.67 0.00	40.99 1.50 0.00	34.96 1.47 0.00	29.31 0.85 0.00
HOLTSVILLE_IC_6 23695	26.95 0.94 0.00	24.85 0.70 0.00	22.52 0.66 0.00	21.65 0.45 0.00	20.70 0.26 0.00	22.43 0.29 0.00	23.98 0.40 0.00	23.89 0.63 0.00	20.78 1.25 0.00	18.71 1.18 0.00	19.85 1.23 -0.01	20.38 1.33 -0.01	22.29 1.52 -0.01	28.64 1.58 -4.49	32.46 1.78 -7.02	34.06 2.10 -4.38	37.47 2.37 -2.64	45.57 2.74 -0.01	51.07 2.80 0.00	51.20 2.06 0.00	45.96 1.98 0.00	41.22 1.74 0.00	35.13 1.64 0.00	29.42 0.97 0.00
HOLTSVILLE_IC_7 23696	26.95 0.94 0.00	24.85 0.70 0.00	22.52 0.66 0.00	21.65 0.45 0.00	20.70 0.26 0.00	22.43 0.29 0.00	23.98 0.40 0.00	23.89 0.63 0.00	20.78 1.25 0.00	18.71 1.18 0.00	19.85 1.23 -0.01	20.38 1.33 -0.01	22.29 1.52 -0.01	28.64 1.58 -4.49	32.46 1.78 -7.02	34.06 2.10 -4.38	37.47 2.37 -2.64	45.57 2.74 -0.01	51.07 2.80 0.00	51.20 2.06 0.00	45.96 1.98 0.00	41.22 1.74 0.00	35.13 1.64 0.00	29.42 0.97 0.00
HOLTSVILLE_IC_8 23697	26.95 0.94 0.00	24.85 0.70 0.00	22.52 0.66 0.00	21.65 0.45 0.00	20.70 0.26 0.00	22.43 0.29 0.00	23.98 0.40 0.00	23.89 0.63 0.00	20.78 1.25 0.00	18.71 1.18 0.00	19.85 1.23 -0.01	20.38 1.33 -0.01	22.29 1.52 -0.01	28.64 1.58 -4.49	32.46 1.78 -7.02	34.06 2.10 -4.38	37.47 2.37 -2.64	45.57 2.74 -0.01	51.07 2.80 0.00	51.20 2.06 0.00	45.96 1.98 0.00	41.22 1.74 0.00	35.13 1.64 0.00	29.42 0.97 0.00
HOLTSVILLE_IC_9 23698	26.95 0.94 0.00	24.85 0.70 0.00	22.52 0.66 0.00	21.65 0.45 0.00	20.70 0.26 0.00	22.43 0.29 0.00	23.98 0.40 0.00	23.89 0.63 0.00	20.78 1.25 0.00	18.71 1.18 0.00	19.85 1.23 -0.01	20.38 1.33 -0.01	22.29 1.52 -0.01	28.64 1.58 -4.49	32.46 1.78 -7.02	34.06 2.10 -4.38	37.47 2.37 -2.64	45.57 2.74 -0.01	51.07 2.80 0.00	51.20 2.06 0.00	45.96 1.98 0.00	41.22 1.74 0.00	35.13 1.64 0.00	29.42 0.97 0.00
HOMER_HL_115KV_TB2 355744	25.57 -0.44 0.00	23.74 -0.41 0.00	21.52 -0.35 0.00	20.86 -0.34 0.00	20.11 -0.33 0.00	21.99 -0.15 0.00	23.20 -0.38 0.00	22.61 -0.65 0.00	18.81 -0.72 0.00	16.85 -0.68 0.00	18.02 -0.60 0.00	18.53 -0.51 0.00	20.23 -0.54 0.00	21.79 -0.79 0.00	22.93 -0.73 0.00	26.81 -0.77 0.00	31.07 -1.40 0.00	40.29 -2.53 0.00	46.00 -2.27 0.00	47.76 -1.38 0.00	42.36 -1.63 0.00	38.15 -1.34 0.00	32.86 -0.64 0.00	28.34 -0.11 0.00
HOWARD_WT_PWR 323690	26.30 0.29 0.00	24.37 0.22 0.00	22.06 0.20 0.00	21.44 0.23 0.00	20.72 0.29 0.00	22.59 0.44 0.00	23.79 0.21 0.00	23.21 -0.05 0.00	19.22 -0.31 0.00	17.19 -0.35 0.00	18.22 -0.39 0.00	18.70 -0.34 0.00	20.43 -0.33 0.00	22.15 -0.43 0.00	23.24 -0.43 0.00	27.28 -0.30 0.00	31.85 -0.62 0.00	41.66 -1.15 0.00	47.54 -0.72 0.00	49.33 0.20 0.00	43.85 -0.13 0.00	39.41 -0.08 0.00	33.93 0.43 0.00	29.11 0.66 0.00
HQ_GEN_CEDARS 23644	26.74 0.73 0.00	24.87 0.72 0.00	22.50 0.63 0.00	21.84 0.64 0.00	21.07 0.63 0.00	22.90 0.75 0.00	24.33 0.75 0.00	23.93 0.67 0.00	20.00 0.47 0.00	17.96 0.42 0.00	19.04 0.43 0.00	19.44 0.40 0.00	21.18 0.42 0.00	23.10 0.52 0.00	24.21 0.54 0.00	28.19 0.61 0.00	33.18 0.71 0.00	43.80 0.98 0.00	49.62 1.35 0.00	50.36 1.23 0.00	45.21 1.23 0.00	40.52 1.03 0.00	34.43 0.94 0.00	29.37 0.91 0.00
HQ_GEN_CEDARS_PROXY 323590	26.74 0.73 0.00	24.87 0.72 0.00	22.50 0.63 0.00	21.84 0.64 0.00	21.07 0.63 0.00	22.90 0.75 0.00	24.33 0.75 0.00	23.93 0.67 0.00	20.00 0.47 0.00	17.94 0.40 0.00	19.04 0.43 0.00	19.44 0.40 0.00	21.18 0.42 0.00	23.10 0.52 0.00	24.21 0.54 0.00	28.19 0.61 0.00	33.18 0.71 0.00	43.80 0.99 0.00	49.62 1.35 0.00	50.36 1.23 0.00	45.21 1.23 0.00	40.59 1.10 0.00	34.43 0.94 0.00	29.37 0.91 0.00



HQ_GEN_IMPORT 323601	26.22 0.21 0.00	24.37 0.22 0.00	22.06 0.20 0.00	21.39 0.19 0.00	20.64 0.20 0.00	22.39 0.24 0.00	23.81 0.24 0.00	23.47 0.21 0.00	19.69 0.16 0.00	17.68 0.14 0.00	18.76 0.15 0.00	19.17 0.13 0.00	20.89 0.13 0.00	22.74 0.16 0.00	23.83 0.17 0.00	27.77 0.19 0.00	32.70 0.23 0.00	43.11 0.30 0.00	48.65 0.38 0.00	49.53 0.39 0.00	44.33 0.35 0.00	39.84 0.35 0.00	33.79 0.30 0.00	28.74 0.28 0.00
HQ_GEN_WHEEL 23651	26.22 0.21 0.00	24.37 0.22 0.00	22.06 0.20 0.00	21.39 0.19 0.00	20.64 0.20 0.00	22.39 0.24 0.00	23.81 0.24 0.00	23.47 0.21 0.00	19.69 0.16 0.00	17.68 0.14 0.00	18.76 0.15 0.00	19.17 0.13 0.00	20.89 0.13 0.00	22.74 0.16 0.00	23.83 0.17 0.00	27.77 0.19 0.00	32.70 0.23 0.00	43.11 0.30 0.00	48.65 0.38 0.00	49.53 0.39 0.00	44.33 0.35 0.00	39.84 0.35 0.00	33.79 0.30 0.00	28.74 0.28 0.00
HUDSON AVE_GT_3 23810	26.85 0.83 0.00	24.85 0.70 0.00	22.46 0.59 0.00	21.71 0.51 0.00	20.91 0.47 0.00	22.54 0.40 0.00	24.17 0.59 0.00	24.00 0.74 0.00	20.45 0.92 0.00	18.47 0.93 0.00	19.67 1.06 0.00	20.24 1.20 0.00	22.14 1.37 0.00	24.00 1.42 0.00	25.27 1.61 0.00	29.39 1.77 -0.04	34.48 2.01 0.00	45.21 2.40 0.00	50.58 2.32 0.00	51.20 2.06 0.00	45.92 1.94 0.00	41.38 1.90 0.00	34.86 1.37 0.00	29.45 1.00 0.00
HUDSON AVE_GT_4 23540	26.85 0.83 0.00	24.85 0.70 0.00	22.46 0.59 0.00	21.71 0.51 0.00	20.91 0.47 0.00	22.54 0.40 0.00	24.17 0.59 0.00	24.00 0.74 0.00	20.45 0.92 0.00	18.47 0.93 0.00	19.67 1.06 0.00	20.24 1.20 0.00	22.14 1.37 0.00	24.00 1.42 0.00	25.27 1.61 0.00	29.39 1.77 -0.04	34.48 2.01 0.00	45.21 2.40 0.00	50.58 2.32 0.00	51.20 2.06 0.00	45.92 1.94 0.00	41.38 1.90 0.00	34.86 1.37 0.00	29.45 1.00 0.00
HUDSON AVE_GT_5 23657	26.85 0.83 0.00	24.85 0.70 0.00	22.46 0.59 0.00	21.71 0.51 0.00	20.91 0.47 0.00	22.54 0.40 0.00	24.17 0.59 0.00	24.00 0.74 0.00	20.45 0.92 0.00	18.47 0.93 0.00	19.67 1.06 0.00	20.24 1.20 0.00	22.14 1.37 0.00	24.00 1.42 0.00	25.27 1.61 0.00	29.39 1.77 2.01	34.48 2.01 0.00	45.21 2.40 0.00	50.58 2.32 0.00	51.20 2.06 0.00	45.92 1.94 0.00	41.38 1.90 0.00	34.86 1.37 0.00	29.45 1.00 0.00
HUDSON_AVE_10 24168	26.77 0.75 0.00	24.78 0.63 0.00	22.39 0.52 0.00	21.65 0.45 0.00	20.86 0.43 0.00	22.50 0.35 0.00	24.12 0.54 0.00	23.96 0.70 0.00	20.41 0.88 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.20 1.16 0.00	22.10 1.33 0.00	23.95 1.38 0.00	25.23 1.56 0.00	29.33 1.71 -0.04	34.42 1.95 0.00	45.12 2.31 0.00	50.44 2.17 0.00	51.05 1.92 0.00	45.83 1.85 0.00	41.30 1.82 0.00	34.80 1.31 0.00	29.40 0.94 0.00
HUDSON___115KV_TB 4 355613	26.46 0.44 0.00	24.58 0.43 0.00	22.30 0.44 0.00	21.61 0.40 0.00	20.78 0.35 0.00	22.52 0.38 0.00	24.00 0.42 0.00	23.65 0.40 0.00	19.82 0.29 0.00	17.75 0.21 0.00	18.78 0.17 0.00	19.17 0.13 0.00	20.93 0.17 0.00	22.83 0.25 0.00	23.97 0.31 0.00	28.03 0.47 0.02	33.02 0.55 0.00	43.84 1.03 0.00	49.43 1.16 0.00	50.17 1.03 0.00	44.91 0.92 0.00	40.32 0.83 0.00	34.03 0.54 0.00	28.83 0.37 0.00
HUNTER MOUNT___DRP 323613	26.56 0.55 0.00	24.68 0.53 0.00	22.37 0.50 0.00	21.67 0.47 0.00	20.84 0.41 0.00	22.61 0.46 0.00	24.10 0.52 0.00	23.68 0.42 0.00	19.82 0.29 0.00	17.73 0.19 0.00	18.73 0.11 0.00	19.14 0.10 0.00	20.89 0.12 0.00	22.80 0.23 0.00	23.95 0.28 0.00	28.15 0.58 0.01	33.05 0.58 0.00	43.97 1.16 0.00	49.62 1.35 0.00	50.41 1.28 0.00	45.13 1.14 0.00	40.48 0.99 0.00	34.16 0.67 0.00	28.94 0.48 0.00
HUNTINGTON_RES_REC 323705	27.06 1.04 0.00	24.97 0.82 0.00	22.61 0.74 0.00	21.73 0.53 0.00	20.80 0.37 0.00	22.54 0.40 0.00	24.10 0.52 0.00	24.00 0.74 0.00	20.78 1.25 0.00	18.71 1.18 0.00	19.91 1.28 -0.01	20.44 1.39 -0.01	22.35 1.58 -0.01	28.71 1.63 -4.50	32.54 1.82 -7.05	34.10 2.12 -4.40	37.49 2.37 -2.65	45.65 2.82 -0.01	51.21 2.94 0.00	51.40 2.26 0.00	46.05 2.07 0.00	41.42 1.93 0.00	35.27 1.77 0.00	29.57 1.11 0.00
HUNTLEY___63 23557	25.78 -0.23 0.00	23.96 -0.19 0.00	21.65 -0.22 0.00	21.08 -0.13 0.00	20.27 -0.16 0.00	22.12 -0.02 0.00	23.18 -0.40 0.00	22.56 -0.70 0.00	18.83 -0.70 0.00	16.87 -0.67 0.00	17.96 -0.65 0.00	18.49 -0.55 0.00	20.21 -0.56 0.00	21.83 -0.75 0.00	22.88 -0.78 0.00	26.70 -0.88 0.00	30.91 -1.56 0.00	40.03 -2.78 0.00	45.56 -2.70 0.00	47.27 -1.87 0.00	42.09 -1.89 0.00	38.07 -1.42 0.00	32.99 -0.50 0.00	28.57 0.11 0.00
HUNTLEY___64 23558	25.78 -0.23 0.00	23.96 -0.19 0.00	21.65 -0.22 0.00	21.08 -0.13 0.00	20.27 -0.16 0.00	22.12 -0.02 0.00	23.18 -0.40 0.00	22.56 -0.70 0.00	18.83 -0.70 0.00	16.87 -0.67 0.00	17.96 -0.65 0.00	18.49 -0.55 0.00	20.21 -0.56 0.00	21.83 -0.75 0.00	22.88 -0.78 0.00	26.70 -0.88 0.00	30.91 -1.56 0.00	40.03 -2.78 0.00	45.56 -2.70 0.00	47.27 -1.87 0.00	42.09 -1.89 0.00	38.07 -1.42 0.00	32.99 -0.50 0.00	28.57 0.11 0.00
HUNTLEY___65 23559	25.78 -0.23 0.00	23.96 -0.19 0.00	21.65 -0.22 0.00	21.08 -0.13 0.00	20.27 -0.16 0.00	22.12 -0.02 0.00	23.18 -0.40 0.00	22.56 -0.70 0.00	18.83 -0.70 0.00	16.87 -0.67 0.00	17.96 -0.65 0.00	18.49 -0.55 0.00	20.21 -0.56 0.00	21.83 -0.75 0.00	22.88 -0.78 0.00	26.70 -0.88 0.00	30.91 -1.56 0.00	40.03 -2.78 0.00	45.56 -2.70 0.00	47.27 -1.87 0.00	42.09 -1.89 0.00	38.07 -1.42 0.00	32.99 -0.50 0.00	28.57 0.11 0.00
HUNTLEY___66 23560	25.78 -0.23 0.00	23.96 -0.19 0.00	21.65 -0.22 0.00	21.08 -0.13 0.00	20.27 -0.16 0.00	22.12 -0.02 0.00	23.18 -0.40 0.00	22.56 -0.70 0.00	18.83 -0.70 0.00	16.87 -0.67 0.00	17.96 -0.65 0.00	18.49 -0.55 0.00	20.21 -0.56 0.00	21.83 -0.75 0.00	22.88 -0.78 0.00	26.70 -0.88 0.00	30.91 -1.56 0.00	40.03 -2.78 0.00	45.56 -2.70 0.00	47.27 -1.87 0.00	42.09 -1.89 0.00	38.07 -1.42 0.00	32.99 -0.50 0.00	28.57 0.11 0.00
HUNTLEY___67 23561	25.65 -0.36 0.00	23.81 -0.34 0.00	21.56 -0.31 0.00	20.93 -0.28 0.00	20.13 -0.31 0.00	22.03 -0.11 0.00	23.11 -0.47 0.00	22.51 -0.74 0.00	18.79 -0.74 0.00	16.82 -0.72 0.00	17.93 -0.69 0.00	18.43 -0.61 0.00	20.17 -0.60 0.00	21.76 -0.81 0.00	22.81 -0.85 0.00	26.59 -0.99 0.00	30.81 -1.66 0.00	39.90 -2.91 0.00	45.42 -2.85 0.00	47.12 -2.01 0.00	41.96 -2.02 0.00	37.95 -1.54 0.00	32.86 -0.64 0.00	28.43 -0.03 0.00
HUNTLEY___68 23562	25.65 -0.36 0.00	23.81 -0.34 0.00	21.56 -0.31 0.00	20.93 -0.28 0.00	20.13 -0.31 0.00	22.03 -0.11 0.00	23.11 -0.47 0.00	22.51 -0.74 0.00	18.79 -0.74 0.00	16.82 -0.72 0.00	17.93 -0.69 0.00	18.43 -0.61 0.00	20.17 -0.60 0.00	21.76 -0.81 0.00	22.81 -0.85 0.00	26.59 -0.99 0.00	30.81 -1.66 0.00	39.90 -2.91 0.00	45.42 -2.85 0.00	47.12 -2.01 0.00	41.96 -2.02 0.00	37.95 -1.54 0.00	32.86 -0.64 0.00	28.43 -0.03 0.00



HYLAND___LFGE 323620	26.98 0.96 0.00	24.92 0.77 0.00	22.57 0.70 0.00	21.99 0.78 0.00	21.17 0.73 0.00	23.12 0.97 0.00	24.47 0.90 0.00	23.96 0.70 0.00	19.73 0.20 0.00	17.50 -0.04 0.00	18.43 -0.19 0.00	18.83 -0.21 0.00	20.50 -0.27 0.00	22.26 -0.32 0.00	23.38 -0.28 0.00	27.61 0.03 0.00	32.56 0.10 0.00	43.20 0.38 0.00	49.47 1.21 0.00	51.29 2.16 0.00	45.79 1.80 0.00	40.87 1.38 0.00	35.17 1.67 0.00	29.99 1.54 0.00
INDECK___CORINTH 23802	27.24 1.22 0.00	25.31 1.16 0.00	22.96 1.09 0.00	22.24 1.04 0.00	21.38 0.94 0.00	23.25 1.11 0.00	24.73 1.16 0.00	24.38 1.12 0.00	20.33 0.80 0.00	18.17 0.63 0.00	19.06 0.45 0.00	19.46 0.42 0.00	21.16 0.39 0.00	23.07 0.50 0.00	24.23 0.57 0.00	28.29 0.74 0.03	33.63 1.17 0.00	44.99 2.18 0.00	50.87 2.60 0.00	51.93 2.80 0.00	46.49 2.51 0.00	41.66 2.17 0.00	35.27 1.77 0.00	29.77 1.31 0.00
INDECK___ILION 23567	26.20 0.18 0.00	24.34 0.19 0.00	22.06 0.20 0.00	21.39 0.19 0.00	20.62 0.18 0.00	22.32 0.18 0.00	23.77 0.19 0.00	23.45 0.19 0.00	19.67 0.14 0.00	17.66 0.12 0.00	18.74 0.13 0.00	19.17 0.13 0.00	20.89 0.12 0.00	22.73 0.16 0.00	23.85 0.19 0.00	27.80 0.22 0.00	32.76 0.29 0.00	43.20 0.39 0.00	48.70 0.43 0.00	49.63 0.49 0.00	44.42 0.44 0.00	39.88 0.39 0.00	33.79 0.30 0.00	28.71 0.26 0.00
INDECK___OLEAN 23982	25.60 -0.42 0.00	23.79 -0.36 0.00	21.49 -0.37 0.00	20.86 -0.34 0.00	20.23 -0.20 0.00	21.99 -0.15 0.00	23.20 -0.38 0.00	22.61 -0.65 0.00	18.81 -0.72 0.00	16.87 -0.67 0.00	18.02 -0.60 0.00	18.53 -0.51 0.00	20.23 -0.54 0.00	21.79 -0.79 0.00	22.93 -0.73 0.00	26.81 -0.77 0.00	31.07 -1.40 0.00	40.29 -2.53 0.00	46.00 -2.27 0.00	47.76 -1.38 0.00	42.36 -1.63 0.00	38.19 -1.30 0.00	32.85 -0.64 0.00	28.37 -0.09 0.00
INDECK___OSWEGO 23783	25.39 -0.62 0.00	23.55 -0.60 0.00	21.32 -0.55 0.00	20.69 -0.51 0.00	19.94 -0.49 0.00	21.63 -0.51 0.00	22.99 -0.59 0.00	22.65 -0.60 0.00	18.99 -0.55 0.00	17.05 -0.49 0.00	18.07 -0.54 0.00	18.49 -0.55 0.00	20.17 -0.60 0.00	21.92 -0.66 0.00	22.88 -0.78 0.00	26.75 -0.83 0.00	31.49 -0.97 0.00	41.53 -1.28 0.00	46.87 -1.40 0.00	47.91 -1.23 0.00	42.84 -1.14 0.00	38.42 -1.06 0.00	32.66 -0.84 0.00	27.75 -0.71 0.00
INDECK___YERKES 23781	25.83 -0.18 0.00	23.93 -0.22 0.00	21.71 -0.15 0.00	21.10 -0.11 0.00	20.37 -0.06 0.00	22.14 0.00 0.00	23.20 -0.38 0.00	22.58 -0.68 0.00	18.85 -0.68 0.00	16.89 -0.65 0.00	17.98 -0.63 0.00	18.51 -0.53 0.00	20.23 -0.54 0.00	21.85 -0.72 0.00	22.91 -0.76 0.00	26.72 -0.86 0.00	30.94 -1.53 0.00	40.07 -2.74 0.00	45.61 -2.65 0.00	47.32 -1.82 0.00	42.14 -1.85 0.00	38.19 -1.30 0.00	33.02 -0.47 0.00	28.60 0.14 0.00
INDIAN POINT_GT_1 24139	26.61 0.60 0.00	24.66 0.51 0.00	22.30 0.44 0.00	21.56 0.36 0.00	20.76 0.33 0.00	22.43 0.29 0.00	24.00 0.42 0.00	23.82 0.56 0.00	20.22 0.68 0.00	18.22 0.68 0.00	19.41 0.80 0.00	19.94 0.89 0.00	21.83 1.06 0.00	23.66 1.08 0.00	24.92 1.25 0.00	29.00 1.38 -0.04	34.03 1.56 0.00	44.70 1.88 0.00	50.05 1.79 0.00	50.71 1.57 0.00	45.43 1.45 0.00	40.91 1.42 0.00	34.50 1.00 0.00	29.17 0.71 0.00
INDIAN POINT_GT_2 23659	26.61 0.60 0.00	24.66 0.51 0.00	22.30 0.44 0.00	21.56 0.36 0.00	20.76 0.33 0.00	22.43 0.29 0.00	24.00 0.42 0.00	23.82 0.56 0.00	20.22 0.68 0.00	18.22 0.68 0.00	19.41 0.80 0.00	19.94 0.89 0.00	21.83 1.06 0.00	23.66 1.08 0.00	24.92 1.25 0.00	29.00 1.38 -0.04	34.03 1.56 0.00	44.70 1.88 0.00	50.05 1.79 0.00	50.71 1.57 0.00	45.43 1.45 0.00	40.91 1.42 0.00	34.50 1.00 0.00	29.17 0.71 0.00
INDIAN POINT_GT_3 24019	26.61 0.60 0.00	24.66 0.51 0.00	22.30 0.44 0.00	21.56 0.36 0.00	20.76 0.33 0.00	22.43 0.29 0.00	24.00 0.42 0.00	23.82 0.56 0.00	20.22 0.68 0.00	18.22 0.68 0.00	19.41 0.80 0.00	19.94 0.89 0.00	21.83 1.06 0.00	23.66 1.08 0.00	24.92 1.25 0.00	29.00 1.38 -0.04	34.03 1.56 0.00	44.70 1.88 0.00	50.05 1.79 0.00	50.71 1.57 0.00	45.43 1.45 0.00	40.91 1.42 0.00	34.50 1.00 0.00	29.17 0.71 0.00
INDIAN POINT___2 23530	26.59 0.57 0.00	24.63 0.48 0.00	22.28 0.41 0.00	21.54 0.34 0.00	20.72 0.29 0.00	22.41 0.27 0.00	23.98 0.40 0.00	23.79 0.54 0.00	20.20 0.66 0.00	18.19 0.65 0.00	19.40 0.78 0.00	19.92 0.88 0.00	21.79 1.02 0.00	23.64 1.06 0.00	24.87 1.21 0.00	28.97 1.35 -0.04	33.96 1.49 0.00	44.61 1.80 0.00	50.00 1.74 0.00	50.71 1.57 0.00	45.39 1.41 0.00	40.83 1.34 0.00	34.46 0.97 0.00	29.14 0.68 0.00
INDIAN POINT___3 23531	26.61 0.60 0.00	24.66 0.51 0.00	22.30 0.44 0.00	21.56 0.36 0.00	20.76 0.33 0.00	22.41 0.27 0.00	24.00 0.42 0.00	23.79 0.53 0.00	20.22 0.68 0.00	18.21 0.67 0.00	19.40 0.78 0.00	19.92 0.88 0.00	21.79 1.02 0.00	23.64 1.06 0.00	24.89 1.23 0.00	28.97 1.35 -0.04	33.99 1.53 0.00	44.65 1.84 0.00	50.05 1.79 0.00	50.71 1.57 0.00	45.43 1.45 0.00	40.87 1.38 0.00	34.46 0.97 0.00	29.14 0.68 0.00
INGHAM_C_115KV_TB7 356103	26.41 0.39 0.00	24.56 0.41 0.00	22.26 0.39 0.00	21.56 0.36 0.00	20.78 0.35 0.00	22.50 0.35 0.00	23.98 0.40 0.00	23.65 0.40 0.00	19.81 0.27 0.00	17.78 0.25 0.00	18.87 0.26 0.00	19.31 0.27 0.00	21.04 0.27 0.00	22.89 0.32 0.00	24.04 0.38 0.00	28.02 0.44 0.00	32.99 0.52 0.00	43.50 0.69 0.00	49.04 0.77 0.00	50.07 0.93 0.00	44.77 0.79 0.00	40.24 0.75 0.00	34.09 0.60 0.00	28.97 0.51 0.00
IP CORINTH___1 23988	27.24 1.22 0.00	25.31 1.16 0.00	22.96 1.09 0.00	22.24 1.04 0.00	21.40 0.96 0.00	23.25 1.11 0.00	24.73 1.16 0.00	24.38 1.12 0.00	20.33 0.80 0.00	18.17 0.63 0.00	19.06 0.45 0.00	19.46 0.42 0.00	21.16 0.39 0.00	23.07 0.50 0.00	24.23 0.57 0.00	28.29 0.74 0.03	33.64 1.17 0.00	45.00 2.18 0.00	50.87 2.61 0.00	51.94 2.80 0.00	46.49 2.51 0.00	41.62 2.13 0.00	35.27 1.78 0.00	29.77 1.31 0.00
IP___TICONDEROGA 23804	28.10 2.08 0.00	26.10 1.96 0.00	23.72 1.86 0.00	22.98 1.78 0.00	22.05 1.61 0.00	24.07 1.93 0.00	25.54 1.96 0.00	25.14 1.88 0.00	20.82 1.29 0.00	18.56 1.02 0.00	19.49 0.87 0.00	19.82 0.78 0.00	21.54 0.77 0.00	23.55 0.97 0.00	24.73 1.06 0.00	28.98 1.43 0.04	34.64 2.18 0.00	46.41 3.60 0.00	52.61 4.34 0.00	53.85 4.72 0.00	48.21 4.22 0.00	43.04 3.55 0.00	36.54 3.05 0.00	30.73 2.28 0.00
ISLIP_RES_REC 323679	27.06 1.04 0.00	24.94 0.80 0.00	22.61 0.74 0.00	21.71 0.51 0.00	20.78 0.35 0.00	22.52 0.38 0.00	24.05 0.47 0.00	23.98 0.72 0.00	20.88 1.35 0.00	18.80 1.26 0.00	19.94 1.32 -0.01	20.48 1.43 -0.01	22.42 1.64 -0.01	28.80 1.72 -4.51	32.63 1.92 -7.05	34.24 2.26 -4.40	37.71 2.60 -2.65	45.86 3.04 -0.01	51.40 3.14 0.00	51.49 2.36 0.00	46.23 2.24 0.00	41.46 1.97 0.00	35.30 1.81 0.00	29.57 1.11 0.00



JAMAICA__27_KV_LOAD 355505	26.90 0.88 0.00	24.90 0.75 0.00	22.50 0.63 0.00	21.73 0.53 0.00	20.93 0.49 0.00	22.61 0.46 0.00	24.26 0.68 0.00	24.10 0.84 0.00	20.53 1.00 0.00	18.56 1.02 0.00	19.75 1.14 0.00	20.32 1.28 0.00	22.20 1.43 0.00	24.09 1.51 0.00	25.37 1.70 0.00	29.53 1.90 -0.04	34.64 2.18 0.00	45.30 2.48 0.00	50.73 2.46 0.00	51.30 2.16 0.00	46.05 2.07 0.00	41.54 2.05 0.00	35.07 1.57 0.00	29.60 1.14 0.00
JANIS__SOLAR 323808	26.79 0.78 0.00	24.87 0.72 0.00	22.54 0.68 0.00	21.90 0.70 0.00	21.11 0.67 0.00	22.90 0.75 0.00	24.31 0.73 0.00	23.84 0.58 0.00	19.73 0.20 0.00	17.61 0.07 0.00	18.60 -0.02 0.00	18.98 -0.06 0.00	20.66 -0.10 0.00	22.53 -0.05 0.00	23.74 0.07 0.00	27.88 0.30 0.00	32.95 0.49 0.00	43.75 0.94 0.00	49.67 1.40 0.00	51.25 2.11 0.00	45.74 1.76 0.00	40.91 1.42 0.00	34.80 1.30 0.00	29.57 1.11 0.00
JARVIS____ 23743	26.01 0.00 0.00	24.15 0.00 0.00	21.89 0.02 0.00	21.20 0.00 0.00	20.43 0.00 0.00	22.14 0.00 0.00	23.58 0.00 0.00	23.26 0.00 0.00	19.55 0.02 0.00	17.54 0.00 0.00	18.61 0.00 0.00	19.04 0.00 0.00	20.77 0.00 0.00	22.58 0.00 0.00	23.69 0.02 0.00	27.61 0.03 0.00	32.50 0.03 0.00	42.90 0.09 0.00	48.32 0.05 0.00	49.23 0.10 0.00	44.03 0.04 0.00	39.53 0.04 0.00	33.49 0.00 0.00	28.46 0.00 0.00
JENNISON____1 23625	26.85 0.83 0.00	24.97 0.82 0.00	22.63 0.77 0.00	21.97 0.76 0.00	21.15 0.72 0.00	22.94 0.80 0.00	24.38 0.80 0.00	23.96 0.70 0.00	19.86 0.33 0.00	17.77 0.23 0.00	18.84 0.22 0.00	19.25 0.21 0.00	20.95 0.19 0.00	22.83 0.25 0.00	24.07 0.40 0.00	28.21 0.63 0.00	33.25 0.78 0.00	44.01 1.20 0.00	49.86 1.59 0.00	51.39 2.26 0.00	45.87 1.89 0.00	41.03 1.54 0.00	34.90 1.41 0.00	29.65 1.20 0.00
JENNISON____2 23626	26.85 0.83 0.00	24.97 0.82 0.00	22.63 0.77 0.00	21.97 0.76 0.00	21.15 0.72 0.00	22.94 0.80 0.00	24.38 0.80 0.00	23.96 0.70 0.00	19.86 0.33 0.00	17.77 0.23 0.00	18.84 0.22 0.00	19.25 0.21 0.00	20.95 0.19 0.00	22.83 0.25 0.00	24.07 0.40 0.00	28.21 0.63 0.00	33.25 0.78 0.00	44.01 1.20 0.00	49.86 1.59 0.00	51.39 2.26 0.00	45.87 1.89 0.00	41.03 1.54 0.00	34.90 1.41 0.00	29.65 1.20 0.00
JERICOHO_RISE_WT_PWR 323719	26.64 0.62 0.00	24.75 0.60 0.00	22.39 0.52 0.00	21.73 0.53 0.00	20.97 0.53 0.00	22.79 0.64 0.00	24.26 0.68 0.00	23.89 0.63 0.00	19.98 0.45 0.00	17.94 0.40 0.00	19.02 0.41 0.00	19.42 0.38 0.00	21.16 0.39 0.00	23.05 0.47 0.00	24.18 0.52 0.00	28.19 0.61 0.00	33.18 0.71 0.00	43.75 0.94 0.00	49.57 1.30 0.00	50.31 1.18 0.00	45.08 1.10 0.00	40.43 0.95 0.00	34.26 0.77 0.00	29.17 0.71 0.00
KATONAH__115KV_46KV_TB4 355592	26.74 0.73 0.00	24.75 0.60 0.00	22.43 0.57 0.00	21.67 0.47 0.00	20.88 0.45 0.00	22.54 0.40 0.00	24.12 0.54 0.00	23.91 0.65 0.00	20.29 0.76 0.00	18.28 0.74 0.00	19.47 0.86 0.00	19.97 0.93 0.00	21.91 1.14 0.00	23.73 1.15 0.00	24.99 1.33 0.00	29.09 1.46 -0.05	34.16 1.69 0.00	44.91 2.10 0.00	50.29 2.03 0.00	51.00 1.87 0.00	45.61 1.63 0.00	41.11 1.62 0.00	34.66 1.17 0.00	29.28 0.83 0.00
KCE_NY_1 323755	26.98 0.96 0.00	25.04 0.89 0.00	22.72 0.85 0.00	22.01 0.81 0.00	21.15 0.71 0.00	22.98 0.84 0.00	24.45 0.87 0.00	24.12 0.86 0.00	20.18 0.64 0.00	18.05 0.51 0.00	19.06 0.45 0.00	19.46 0.42 0.00	21.20 0.44 0.00	23.10 0.52 0.00	24.28 0.61 0.00	28.29 0.74 0.04	33.57 1.10 0.00	44.57 1.76 0.00	50.34 2.07 0.00	51.20 2.06 0.00	45.83 1.85 0.00	41.11 1.62 0.00	34.80 1.30 0.00	29.45 1.00 0.00
KCE_NY_6_ESR 323823	25.86 -0.16 0.00	24.00 -0.14 0.00	21.71 -0.15 0.00	21.08 -0.13 0.00	20.46 0.02 0.00	22.23 0.09 0.00	23.32 -0.26 0.00	22.73 -0.53 0.00	18.95 -0.59 0.00	16.98 -0.56 0.00	18.09 -0.52 0.00	18.60 -0.44 0.00	20.33 -0.44 0.00	21.97 -0.61 0.00	23.03 -0.64 0.00	26.89 -0.69 0.00	31.13 -1.33 0.00	40.37 -2.44 0.00	46.00 -2.27 0.00	47.76 -1.38 0.00	42.44 -1.54 0.00	38.46 -1.03 0.00	33.19 -0.30 0.00	28.71 0.26 0.00
KEDC_PORT_JEFF_GT2 24210	26.95 0.94 0.00	24.85 0.70 0.00	22.52 0.66 0.00	21.65 0.45 0.00	20.70 0.26 0.00	22.43 0.29 0.00	23.95 0.38 0.00	23.89 0.63 0.00	20.76 1.23 0.00	18.70 1.16 0.00	19.85 1.23 -0.01	20.36 1.31 -0.01	22.27 1.50 -0.01	28.61 1.56 -4.47	32.42 1.75 -7.00	34.02 2.07 -4.37	37.44 2.34 -2.63	45.52 2.70 -0.01	51.02 2.75 0.00	51.15 2.02 0.00	45.92 1.93 0.00	41.22 1.74 0.00	35.13 1.64 0.00	29.42 0.97 0.00
KEDC_PORT_JEFF_GT3 24211	26.95 0.94 0.00	24.85 0.70 0.00	22.52 0.66 0.00	21.65 0.45 0.00	20.70 0.26 0.00	22.43 0.29 0.00	23.95 0.38 0.00	23.89 0.63 0.00	20.76 1.23 0.00	18.70 1.16 0.00	19.85 1.23 -0.01	20.36 1.31 -0.01	22.27 1.50 -0.01	28.61 1.56 -4.47	32.42 1.75 -7.00	34.02 2.07 -4.37	37.44 2.34 -2.63	45.52 2.70 -0.01	51.02 2.75 0.00	51.15 2.02 0.00	45.92 1.93 0.00	41.22 1.74 0.00	35.13 1.64 0.00	29.42 0.97 0.00
KEDC_GLWD_GT4 24219	27.00 0.99 0.00	24.97 0.82 0.00	22.57 0.70 0.00	21.78 0.57 0.00	20.91 0.47 0.00	22.61 0.47 0.00	24.19 0.61 0.00	24.05 0.79 0.00	20.59 1.05 0.00	18.57 1.03 0.00	19.82 1.19 -0.02	20.35 1.30 -0.02	22.24 1.45 -0.02	31.81 1.51 -7.72	37.46 1.70 -12.09	36.97 1.88 -7.51	39.11 2.11 -4.54	45.40 2.57 -0.02	50.54 2.27 0.00	51.00 1.87 0.00	46.01 2.02 0.00	41.38 1.90 0.00	35.07 1.57 0.00	29.54 1.08 0.00
KEDC_GLWD_GT5 24220	27.00 0.99 0.00	24.97 0.82 0.00	22.57 0.70 0.00	21.78 0.57 0.00	20.91 0.47 0.00	22.61 0.47 0.00	24.19 0.61 0.00	24.05 0.79 0.00	20.59 1.05 0.00	18.57 1.03 0.00	19.82 1.19 -0.02	20.35 1.30 -0.02	22.24 1.45 -0.02	31.81 1.51 -7.72	37.46 1.70 -12.09	36.97 1.88 -7.51	39.11 2.11 -4.54	45.40 2.57 -0.02	50.54 2.27 0.00	51.00 1.87 0.00	46.01 2.02 0.00	41.38 1.90 0.00	35.07 1.57 0.00	29.54 1.08 0.00
KENSICO____ 23655	26.72 0.70 0.00	24.73 0.58 0.00	22.37 0.50 0.00	21.63 0.42 0.00	20.82 0.39 0.00	22.47 0.33 0.00	24.07 0.50 0.00	23.89 0.63 0.00	20.29 0.76 0.00	18.31 0.77 0.00	19.49 0.87 0.00	20.03 0.99 0.00	21.91 1.14 0.00	23.77 1.20 0.00	25.01 1.35 0.00	29.11 1.49 -0.04	34.16 1.69 0.00	44.87 2.05 0.00	50.25 1.98 0.00	50.90 1.77 0.00	45.61 1.63 0.00	41.07 1.58 0.00	34.60 1.11 0.00	29.28 0.83 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	26.77 0.75 0.00	24.82 0.68 0.00	22.39 0.52 0.00	21.67 0.47 0.00	20.86 0.43 0.00	22.59 0.44 0.00	24.19 0.61 0.00	23.89 0.63 0.00	20.22 0.68 0.00	18.17 0.63 0.00	19.30 0.69 0.00	19.80 0.76 0.00	21.70 0.93 0.00	23.59 1.02 0.00	24.82 1.16 0.00	28.98 1.38 -0.02	34.06 1.59 0.00	44.95 2.14 0.00	50.44 2.17 0.00	51.25 2.11 0.00	45.92 1.94 0.00	41.27 1.78 0.00	34.73 1.24 0.00	29.42 0.97 0.00



KIAC_JFK_GT1 23816	26.77 0.75 0.00	24.75 0.60 0.00	22.37 0.50 0.00	21.61 0.40 0.00	20.82 0.39 0.00	22.50 0.35 0.00	24.12 0.54 0.00	23.96 0.70 0.00	20.43 0.90 0.00	18.47 0.93 0.00	19.64 1.02 0.00	20.22 1.18 0.00	22.10 1.33 0.00	23.95 1.38 0.00	25.25 1.59 0.00	29.36 1.74 -0.04	34.45 1.98 0.00	44.91 2.10 0.00	50.25 1.98 0.00	50.81 1.67 0.00	45.61 1.63 0.00	41.15 1.66 0.00	34.86 1.37 0.00	29.42 0.97 0.00
KIAC_JFK_GT2 23817	26.77 0.75 0.00	24.75 0.60 0.00	22.37 0.50 0.00	21.61 0.40 0.00	20.82 0.39 0.00	22.50 0.35 0.00	24.12 0.54 0.00	23.96 0.70 0.00	20.43 0.90 0.00	18.47 0.93 0.00	19.64 1.02 0.00	20.22 1.18 0.00	22.10 1.33 0.00	23.95 1.38 0.00	25.25 1.59 0.00	29.36 1.74 -0.04	34.45 1.98 0.00	44.91 2.10 0.00	50.25 1.98 0.00	50.81 1.67 0.00	45.61 1.63 0.00	41.15 1.66 0.00	34.86 1.37 0.00	29.42 0.97 0.00
KIAC_JFK____ 323774	26.77 0.75 0.00	24.75 0.60 0.00	22.37 0.50 0.00	21.61 0.40 0.00	20.80 0.37 0.00	22.50 0.35 0.00	24.12 0.54 0.00	23.96 0.70 0.00	20.43 0.90 0.00	18.45 0.91 0.00	19.64 1.02 0.00	20.22 1.18 0.00	22.10 1.33 0.00	23.95 1.38 0.00	25.25 1.59 0.00	29.36 1.74 -0.04	34.45 1.98 0.00	44.91 2.10 0.00	50.25 1.98 0.00	50.81 1.67 0.00	45.61 1.63 0.00	41.11 1.62 0.00	34.87 1.37 0.00	29.42 0.97 0.00
KINTIGH__24_KV_GSU 356498	25.60 -0.42 0.00	23.71 -0.43 0.00	21.49 -0.37 0.00	20.89 -0.32 0.00	20.17 -0.27 0.00	21.92 -0.22 0.00	23.04 -0.54 0.00	22.54 -0.72 0.00	18.83 -0.70 0.00	16.87 -0.67 0.00	17.94 -0.67 0.00	18.43 -0.61 0.00	20.15 -0.62 0.00	21.76 -0.81 0.00	22.79 -0.88 0.00	26.59 -0.99 0.00	30.88 -1.59 0.00	40.16 -2.65 0.00	45.61 -2.65 0.00	47.12 -2.02 0.00	42.09 -1.89 0.00	38.07 -1.42 0.00	32.82 -0.67 0.00	28.29 -0.17 0.00
KINTIGH____ 23543	25.57 -0.44 0.00	23.74 -0.41 0.00	21.47 -0.39 0.00	20.86 -0.34 0.00	20.07 -0.37 0.00	21.90 -0.24 0.00	23.04 -0.54 0.00	22.54 -0.72 0.00	18.83 -0.70 0.00	16.85 -0.68 0.00	17.94 -0.67 0.00	18.43 -0.61 0.00	20.14 -0.62 0.00	21.74 -0.84 0.00	22.79 -0.88 0.00	26.59 -0.99 0.00	30.88 -1.59 0.00	40.16 -2.65 0.00	45.61 -2.65 0.00	47.12 -2.01 0.00	42.09 -1.89 0.00	37.99 -1.50 0.00	32.82 -0.67 0.00	28.29 -0.17 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	27.00 0.99 0.00	25.11 0.97 0.00	22.72 0.85 0.00	22.05 0.85 0.00	21.27 0.84 0.00	23.18 1.04 0.00	24.69 1.11 0.00	24.31 1.05 0.00	20.29 0.76 0.00	18.19 0.65 0.00	19.28 0.67 0.00	19.67 0.63 0.00	21.45 0.69 0.00	23.41 0.84 0.00	24.54 0.88 0.00	28.66 1.08 0.00	33.77 1.30 0.00	44.57 1.76 0.00	50.63 2.37 0.00	51.30 2.16 0.00	45.96 1.98 0.00	41.07 1.58 0.00	34.80 1.31 0.00	29.62 1.17 0.00
LACHUTE____HYDRO 323717	28.10 2.08 0.00	26.10 1.96 0.00	23.72 1.86 0.00	22.98 1.78 0.00	22.03 1.59 0.00	24.07 1.93 0.00	25.53 1.96 0.00	25.14 1.88 0.00	20.82 1.29 0.00	18.56 1.02 0.00	19.49 0.88 0.00	19.82 0.78 0.00	21.54 0.77 0.00	23.55 0.97 0.00	24.73 1.07 0.00	28.98 1.43 0.04	34.64 2.18 0.00	46.41 3.60 0.00	52.61 4.35 0.00	53.85 4.72 0.00	48.21 4.22 0.00	43.16 3.67 0.00	36.54 3.05 0.00	30.76 2.30 0.00
LAWRNCALV_115KV_TB1 80681	26.77 0.75 0.00	24.90 0.75 0.00	22.54 0.68 0.00	21.88 0.68 0.00	21.11 0.67 0.00	22.94 0.80 0.00	24.33 0.75 0.00	23.93 0.67 0.00	19.96 0.43 0.00	17.91 0.37 0.00	18.99 0.37 0.00	19.36 0.32 0.00	21.08 0.31 0.00	23.01 0.43 0.00	24.14 0.47 0.00	28.02 0.44 0.00	33.02 0.55 0.00	43.54 0.73 0.00	49.38 1.11 0.00	50.22 1.08 0.00	45.17 1.19 0.00	40.40 0.91 0.00	34.46 0.97 0.00	29.45 1.00 0.00
LEDERLE____ 23769	26.69 0.68 0.00	24.73 0.58 0.00	22.35 0.48 0.00	21.61 0.40 0.00	20.82 0.39 0.00	22.47 0.33 0.00	24.10 0.52 0.00	23.86 0.60 0.00	20.25 0.72 0.00	18.26 0.72 0.00	19.45 0.84 0.00	19.97 0.93 0.00	21.87 1.10 0.00	23.71 1.13 0.00	24.97 1.30 0.00	29.08 1.46 -0.04	34.12 1.66 0.00	44.82 2.01 0.00	50.29 2.03 0.00	50.95 1.82 0.00	45.65 1.67 0.00	41.07 1.58 0.00	34.60 1.11 0.00	29.28 0.83 0.00
LIGHTHSE_115KV_TB6 355974	25.86 -0.16 0.00	24.00 -0.14 0.00	21.76 -0.11 0.00	21.12 -0.08 0.00	20.33 -0.10 0.00	22.08 -0.07 0.00	23.46 -0.12 0.00	23.10 -0.16 0.00	19.30 -0.23 0.00	17.29 -0.25 0.00	18.32 -0.30 0.00	18.72 -0.32 0.00	20.37 -0.39 0.00	22.17 -0.41 0.00	23.21 -0.45 0.00	27.17 -0.41 0.00	32.05 -0.42 0.00	42.34 -0.47 0.00	47.88 -0.39 0.00	49.09 -0.05 0.00	43.90 -0.09 0.00	39.29 -0.20 0.00	33.39 -0.10 0.00	28.37 -0.09 0.00
LINDEN COGEN____ 23786	26.59 0.65 0.08	24.60 0.53 0.08	22.22 0.44 0.08	21.56 0.36 0.00	20.76 0.33 0.00	22.33 0.27 0.08	23.94 0.45 0.08	23.84 0.58 0.00	20.33 0.80 0.00	18.36 0.82 0.00	19.58 0.97 0.00	20.12 1.08 0.00	22.01 1.25 0.00	23.84 1.26 0.00	25.11 1.44 0.00	29.22 1.60 -0.04	34.25 1.78 0.00	39.63 2.14 5.32	45.01 2.03 5.28	46.13 1.77 4.77	42.09 1.67 3.56	40.79 1.66 0.36	34.60 1.10 0.00	29.14 0.77 0.08
LINDHRST_69_KV_BK1 356055	27.19 1.17 0.00	25.07 0.92 0.00	22.70 0.83 0.00	21.82 0.61 0.00	20.93 0.49 0.00	22.65 0.51 0.00	24.19 0.61 0.00	24.10 0.84 0.00	20.84 1.31 0.00	18.80 1.26 0.00	20.00 1.38 -0.01	20.54 1.49 -0.01	22.44 1.66 -0.01	29.29 1.72 -5.00	33.38 1.89 -7.83	34.64 2.18 -4.88	37.87 2.47 -2.94	45.78 2.95 -0.01	51.31 3.04 0.00	51.54 2.41 0.00	46.23 2.24 0.00	41.50 2.01 0.00	35.37 1.88 0.00	29.74 1.28 0.00
LIPA_MISC_IPP 23656	26.72 0.70 0.00	24.63 0.48 0.00	22.35 0.48 0.00	21.48 0.28 0.00	20.56 0.12 0.00	22.25 0.11 0.00	23.77 0.19 0.00	23.68 0.42 0.00	20.68 1.15 0.00	18.64 1.10 0.00	19.68 1.06 -0.01	20.19 1.14 -0.01	22.11 1.33 -0.01	28.39 1.35 -4.46	32.18 1.54 -6.98	33.75 1.82 -4.35	37.16 2.08 -2.62	45.18 2.35 -0.01	50.63 2.37 0.00	50.76 1.62 0.00	45.57 1.58 0.00	40.91 1.42 0.00	34.83 1.34 0.00	29.25 0.80 0.00
LISF____SOLAR 323691	26.74 0.73 0.00	24.66 0.51 0.00	22.37 0.50 0.00	21.50 0.30 0.00	20.56 0.12 0.00	22.28 0.13 0.00	23.79 0.21 0.00	23.72 0.46 0.00	20.70 1.17 0.00	18.64 1.11 0.00	19.70 1.08 -0.01	20.21 1.16 -0.01	22.13 1.35 -0.01	28.42 1.38 -4.46	32.21 1.56 -6.99	33.82 1.88 -4.36	37.23 2.14 -2.62	45.26 2.44 -0.01	50.73 2.46 0.00	50.85 1.72 0.00	45.70 1.71 0.00	40.99 1.50 0.00	34.90 1.41 0.00	29.20 0.74 0.00
LITTLE FALLS____HYD 24013	26.41 0.39 0.00	24.56 0.41 0.00	22.26 0.39 0.00	21.56 0.36 0.00	20.78 0.35 0.00	22.50 0.35 0.00	23.98 0.40 0.00	23.65 0.40 0.00	19.81 0.27 0.00	17.78 0.25 0.00	18.87 0.26 0.00	19.31 0.27 0.00	21.04 0.27 0.00	22.89 0.32 0.00	24.04 0.38 0.00	28.02 0.44 0.00	32.99 0.52 0.00	43.50 0.69 0.00	49.04 0.77 0.00	50.07 0.93 0.00	44.77 0.79 0.00	40.24 0.75 0.00	34.09 0.60 0.00	28.97 0.51 0.00



LITTLRIV_115KV_TB1 356100	27.00 0.99 0.00	25.14 0.99 0.00	22.76 0.90 0.00	22.12 0.91 0.00	21.33 0.90 0.00	23.16 1.02 0.00	24.59 1.01 0.00	24.17 0.91 0.00	20.08 0.55 0.00	17.99 0.46 0.00	19.08 0.47 0.00	19.44 0.40 0.00	21.16 0.39 0.00	23.12 0.54 0.00	24.28 0.62 0.00	28.21 0.63 0.00	33.28 0.81 0.00	43.93 1.11 0.00	49.91 1.64 0.00	50.85 1.72 0.00	45.74 1.76 0.00	40.87 1.38 0.00	34.83 1.34 0.00	29.77 1.31 0.00
LI_NEWBRDGE___DRP 323616	26.85 0.83 0.00	24.80 0.65 0.00	22.43 0.57 0.00	21.61 0.40 0.00	20.72 0.29 0.00	22.41 0.27 0.00	23.96 0.38 0.00	23.84 0.58 0.00	20.57 1.04 0.00	18.54 1.00 0.00	19.72 1.10 -0.01	20.25 1.20 -0.01	22.13 1.35 -0.01	28.08 1.35 -4.15	31.67 1.51 -6.49	33.34 1.71 -4.05	36.75 1.85 -2.44	45.05 2.23 -0.01	50.54 2.27 0.00	50.81 1.67 0.00	45.61 1.63 0.00	40.99 1.50 0.00	34.90 1.41 0.00	29.40 0.94 0.00
LOCKPORT_115KV_TB60_63_64 80432	25.55 -0.47 0.00	23.71 -0.43 0.00	21.62 -0.24 0.00	20.86 -0.34 0.00	20.05 -0.39 0.00	22.12 -0.02 0.00	23.11 -0.47 0.00	22.45 -0.81 0.00	18.73 -0.80 0.00	16.77 -0.77 0.00	17.85 -0.76 0.00	18.35 -0.69 0.00	20.06 -0.71 0.00	21.67 -0.90 0.00	22.69 -0.97 0.00	26.48 -1.10 0.00	30.68 -1.79 0.00	39.77 -3.04 0.00	45.27 -2.99 0.00	46.97 -2.16 0.00	41.83 -2.16 0.00	37.83 -1.66 0.00	32.79 -0.70 0.00	28.51 0.06 0.00
LOCKPORT___CC1 323769	25.60 -0.42 0.00	23.88 -0.27 0.00	21.49 -0.37 0.00	20.89 -0.32 0.00	20.37 -0.06 0.00	22.10 -0.04 0.00	23.11 -0.47 0.00	22.44 -0.81 0.00	18.73 -0.80 0.00	16.79 -0.75 0.00	17.87 -0.75 0.00	18.37 -0.67 0.00	20.08 -0.68 0.00	21.67 -0.90 0.00	22.72 -0.95 0.00	26.50 -1.08 0.00	30.68 -1.79 0.00	39.77 -3.04 0.00	45.27 -2.99 0.00	46.97 -2.16 0.00	41.87 -2.11 0.00	37.95 -1.54 0.00	32.82 -0.67 0.00	28.51 0.06 0.00
LOCKPORT___CC2 323770	25.60 -0.42 0.00	23.88 -0.27 0.00	21.49 -0.37 0.00	20.89 -0.32 0.00	20.37 -0.06 0.00	22.10 -0.04 0.00	23.11 -0.47 0.00	22.44 -0.81 0.00	18.73 -0.80 0.00	16.79 -0.75 0.00	17.87 -0.75 0.00	18.37 -0.67 0.00	20.08 -0.68 0.00	21.67 -0.90 0.00	22.72 -0.95 0.00	26.50 -1.08 0.00	30.68 -1.79 0.00	39.77 -3.04 0.00	45.27 -2.99 0.00	46.97 -2.16 0.00	41.87 -2.11 0.00	37.95 -1.54 0.00	32.82 -0.67 0.00	28.51 0.06 0.00
LOCKPORT___CC3 323771	25.60 -0.42 0.00	23.88 -0.27 0.00	21.49 -0.37 0.00	20.89 -0.32 0.00	20.37 -0.06 0.00	22.10 -0.04 0.00	23.11 -0.47 0.00	22.44 -0.81 0.00	18.73 -0.80 0.00	16.79 -0.75 0.00	17.87 -0.75 0.00	18.37 -0.67 0.00	20.08 -0.68 0.00	21.67 -0.90 0.00	22.72 -0.95 0.00	26.50 -1.08 0.00	30.68 -1.79 0.00	39.77 -3.04 0.00	45.27 -2.99 0.00	46.97 -2.16 0.00	41.87 -2.11 0.00	37.95 -1.54 0.00	32.82 -0.67 0.00	28.51 0.06 0.00
LOCUSVLY_69_KV_BK2 55797	27.13 1.12 0.00	25.07 0.92 0.00	22.67 0.81 0.00	21.86 0.66 0.00	20.99 0.55 0.00	22.67 0.53 0.00	24.26 0.68 0.00	24.12 0.86 0.00	20.74 1.21 0.00	18.71 1.18 0.00	19.95 1.32 -0.01	20.48 1.43 -0.01	22.40 1.62 -0.01	31.10 1.67 -6.85	36.23 1.85 -10.72	36.32 2.07 -6.67	38.83 2.34 -4.02	45.65 2.83 -0.02	51.07 2.80 0.00	51.44 2.31 0.00	46.23 2.24 0.00	41.58 2.09 0.00	35.27 1.78 0.00	29.71 1.25 0.00
LONG_LAKE_PHOENIX 24014	25.49 -0.52 0.00	23.64 -0.51 0.00	21.41 -0.46 0.00	20.78 -0.42 0.00	20.03 -0.41 0.00	21.72 -0.42 0.00	23.08 -0.50 0.00	22.75 -0.51 0.00	19.06 -0.47 0.00	17.12 -0.42 0.00	18.15 -0.47 0.00	18.56 -0.48 0.00	20.25 -0.52 0.00	22.01 -0.56 0.00	23.00 -0.66 0.00	26.86 -0.72 0.00	31.66 -0.81 0.00	41.74 -1.07 0.00	47.11 -1.16 0.00	48.15 -0.98 0.00	43.02 -0.97 0.00	38.58 -0.91 0.00	32.82 -0.67 0.00	27.89 -0.57 0.00
LOVETT___3 23632	26.59 0.57 0.00	24.63 0.48 0.00	22.28 0.42 0.00	21.54 0.34 0.00	20.74 0.31 0.00	22.41 0.27 0.00	23.98 0.40 0.00	23.79 0.53 0.00	20.20 0.66 0.00	18.21 0.67 0.00	19.40 0.78 0.00	19.92 0.88 0.00	21.79 1.02 0.00	23.62 1.04 0.00	24.87 1.21 0.00	28.94 1.32 -0.04	33.96 1.49 0.00	44.61 1.80 0.00	50.00 1.74 0.00	50.66 1.52 0.00	45.39 1.41 0.00	40.87 1.38 0.00	34.43 0.94 0.00	29.14 0.68 0.00
LOVETT___4 23642	26.59 0.57 0.00	24.63 0.48 0.00	22.28 0.42 0.00	21.54 0.34 0.00	20.74 0.31 0.00	22.41 0.27 0.00	23.98 0.40 0.00	23.79 0.53 0.00	20.20 0.66 0.00	18.21 0.67 0.00	19.40 0.78 0.00	19.92 0.88 0.00	21.79 1.02 0.00	23.62 1.04 0.00	24.87 1.21 0.00	28.94 1.32 -0.04	33.96 1.49 0.00	44.61 1.80 0.00	50.00 1.74 0.00	50.66 1.52 0.00	45.39 1.41 0.00	40.87 1.38 0.00	34.43 0.94 0.00	29.14 0.68 0.00
LOVETT___5 23593	26.59 0.57 0.00	24.63 0.48 0.00	22.28 0.42 0.00	21.54 0.34 0.00	20.74 0.31 0.00	22.41 0.27 0.00	23.98 0.40 0.00	23.79 0.53 0.00	20.20 0.66 0.00	18.21 0.67 0.00	19.40 0.78 0.00	19.92 0.88 0.00	21.79 1.02 0.00	23.62 1.04 0.00	24.87 1.21 0.00	28.94 1.32 -0.04	33.96 1.49 0.00	44.61 1.80 0.00	50.00 1.74 0.00	50.66 1.52 0.00	45.39 1.41 0.00	40.87 1.38 0.00	34.43 0.94 0.00	29.14 0.68 0.00
LOWER RAQUET___HYD 24057	26.77 0.75 0.00	24.90 0.75 0.00	22.54 0.68 0.00	21.88 0.68 0.00	21.11 0.67 0.00	22.96 0.82 0.00	24.33 0.75 0.00	23.93 0.67 0.00	19.94 0.41 0.00	17.89 0.35 0.00	18.97 0.35 0.00	19.33 0.29 0.00	21.06 0.29 0.00	22.98 0.41 0.00	24.11 0.45 0.00	27.97 0.39 0.00	32.98 0.52 0.00	43.46 0.64 0.00	49.33 1.06 0.00	50.17 1.03 0.00	45.12 1.14 0.00	40.48 0.99 0.00	34.46 0.97 0.00	29.48 1.02 0.00
LOWER___HUDSON 24059	26.56 0.55 0.00	24.66 0.51 0.00	22.37 0.50 0.00	21.67 0.47 0.00	20.84 0.41 0.00	22.59 0.44 0.00	24.10 0.52 0.00	23.82 0.56 0.00	20.02 0.49 0.00	17.94 0.40 0.00	19.01 0.39 0.00	19.44 0.40 0.00	21.18 0.42 0.00	23.05 0.47 0.00	24.21 0.54 0.00	28.08 0.55 0.05	33.28 0.81 0.00	44.05 1.24 0.00	49.67 1.40 0.00	50.31 1.18 0.00	45.04 1.05 0.00	40.40 0.91 0.00	34.13 0.63 0.00	28.94 0.48 0.00
LOWVILLE_115KV_TB2 356335	26.61 0.60 0.00	24.78 0.63 0.00	22.46 0.59 0.00	21.80 0.59 0.00	21.01 0.57 0.00	22.78 0.64 0.00	24.24 0.66 0.00	23.86 0.60 0.00	19.82 0.29 0.00	17.73 0.19 0.00	18.78 0.17 0.00	19.14 0.10 0.00	20.81 0.04 0.00	22.71 0.14 0.00	23.88 0.21 0.00	27.91 0.33 0.00	32.95 0.49 0.00	43.67 0.86 0.00	49.52 1.25 0.00	50.85 1.72 0.00	45.52 1.54 0.00	40.67 1.18 0.00	34.56 1.07 0.00	29.37 0.91 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	26.95 0.94 0.00	25.04 0.89 0.00	22.72 0.85 0.00	22.01 0.81 0.00	21.17 0.74 0.00	22.96 0.82 0.00	24.45 0.87 0.00	24.12 0.86 0.00	20.18 0.64 0.00	18.03 0.49 0.00	19.06 0.45 0.00	19.46 0.42 0.00	21.20 0.44 0.00	23.10 0.52 0.00	24.26 0.59 0.00	28.26 0.72 0.04	33.54 1.07 0.00	44.57 1.76 0.00	50.29 2.03 0.00	51.20 2.06 0.00	45.83 1.85 0.00	41.11 1.62 0.00	34.76 1.27 0.00	29.42 0.97 0.00



LUTHERNY_35_KV_BK2 355980	26.98 0.96 0.00	25.04 0.89 0.00	22.72 0.85 0.00	22.01 0.81 0.00	21.17 0.74 0.00	22.98 0.84 0.00	24.45 0.87 0.00	24.12 0.86 0.00	20.18 0.64 0.00	18.05 0.51 0.00	19.06 0.45 0.00	19.46 0.42 0.00	21.20 0.44 0.00	23.10 0.52 0.00	24.28 0.62 0.00	28.29 0.74 0.04	33.57 1.10 0.00	44.57 1.76 0.00	50.34 2.08 0.00	51.20 2.06 0.00	45.83 1.85 0.00	41.15 1.66 0.00	34.80 1.31 0.00	29.45 1.00 0.00
LWR___OSWEGATCHIE_HYD 23850	26.64 0.62 0.00	24.80 0.65 0.00	22.48 0.61 0.00	21.82 0.61 0.00	21.03 0.59 0.00	22.85 0.71 0.00	24.26 0.68 0.00	23.86 0.60 0.00	19.84 0.31 0.00	17.77 0.23 0.00	18.84 0.22 0.00	19.17 0.13 0.00	20.87 0.10 0.00	22.78 0.20 0.00	23.95 0.28 0.00	27.88 0.30 0.00	32.89 0.42 0.00	43.50 0.69 0.00	49.33 1.06 0.00	50.46 1.33 0.00	45.30 1.32 0.00	40.44 0.95 0.00	34.46 0.97 0.00	29.40 0.94 0.00
LYONS_FALL_HYD 23570	26.51 0.49 0.00	24.68 0.53 0.00	22.37 0.50 0.00	21.71 0.51 0.00	20.92 0.49 0.00	22.67 0.53 0.00	24.12 0.54 0.00	23.77 0.51 0.00	19.79 0.25 0.00	17.73 0.19 0.00	18.78 0.17 0.00	19.16 0.11 0.00	20.83 0.06 0.00	22.71 0.14 0.00	23.88 0.21 0.00	27.91 0.33 0.00	32.92 0.45 0.00	43.62 0.81 0.00	49.33 1.06 0.00	50.61 1.47 0.00	45.30 1.32 0.00	40.59 1.10 0.00	34.40 0.90 0.00	29.23 0.77 0.00
MADISON___COUNTY_LFGE 323628	26.41 0.39 0.00	24.56 0.41 0.00	22.26 0.39 0.00	21.61 0.40 0.00	20.82 0.39 0.00	22.56 0.42 0.00	24.00 0.42 0.00	23.63 0.37 0.00	19.73 0.20 0.00	17.68 0.14 0.00	18.74 0.13 0.00	19.14 0.10 0.00	20.85 0.08 0.00	22.69 0.11 0.00	23.85 0.19 0.00	27.88 0.30 0.00	32.86 0.39 0.00	43.45 0.64 0.00	49.09 0.82 0.00	50.31 1.18 0.00	44.99 1.01 0.00	40.28 0.79 0.00	34.19 0.70 0.00	29.05 0.60 0.00
MALONE___115KV_TB1 356076	27.03 1.01 0.00	25.14 0.99 0.00	22.74 0.87 0.00	22.07 0.87 0.00	21.31 0.88 0.00	23.21 1.06 0.00	24.71 1.13 0.00	24.31 1.05 0.00	20.29 0.76 0.00	18.19 0.65 0.00	19.28 0.67 0.00	19.67 0.63 0.00	21.45 0.69 0.00	23.41 0.84 0.00	24.54 0.88 0.00	28.60 1.02 0.00	33.70 1.23 0.00	44.48 1.67 0.00	50.58 2.32 0.00	51.25 2.11 0.00	45.96 1.98 0.00	41.03 1.54 0.00	34.86 1.37 0.00	29.71 1.25 0.00
MAPLEWOD_115KV_TB3 80458	26.33 0.31 0.00	24.46 0.31 0.00	22.19 0.33 0.00	21.48 0.28 0.00	20.70 0.27 0.00	22.39 0.24 0.00	23.88 0.31 0.00	23.58 0.33 0.00	19.84 0.31 0.00	17.80 0.26 0.00	18.87 0.26 0.00	19.29 0.25 0.00	21.04 0.27 0.00	22.89 0.32 0.00	24.04 0.38 0.00	27.90 0.36 0.04	32.99 0.52 0.00	43.58 0.77 0.00	49.09 0.82 0.00	49.77 0.64 0.00	44.55 0.57 0.00	40.04 0.55 0.00	33.79 0.30 0.00	28.63 0.17 0.00
MAPLE_RIDGE_WT_1 323574	26.07 0.05 0.00	24.22 0.07 0.00	21.93 0.07 0.00	21.27 0.06 0.00	20.50 0.06 0.00	22.23 0.09 0.00	23.67 0.09 0.00	23.33 0.07 0.00	19.59 0.06 0.00	17.57 0.04 0.00	18.65 0.04 0.00	19.08 0.04 0.00	20.79 0.02 0.00	22.62 0.05 0.00	23.71 0.05 0.00	27.64 0.06 0.00	32.53 0.07 0.00	42.90 0.09 0.00	48.41 0.15 0.00	49.23 0.10 0.00	44.07 0.09 0.00	39.57 0.08 0.00	33.56 0.07 0.00	28.54 0.09 0.00
MAPLE_RIDGE_WT_2 323611	26.07 0.05 0.00	24.22 0.07 0.00	21.93 0.07 0.00	21.27 0.06 0.00	20.50 0.06 0.00	22.23 0.09 0.00	23.67 0.09 0.00	23.33 0.07 0.00	19.59 0.06 0.00	17.57 0.04 0.00	18.65 0.04 0.00	19.08 0.04 0.00	20.79 0.02 0.00	22.62 0.05 0.00	23.71 0.05 0.00	27.64 0.06 0.00	32.53 0.07 0.00	42.90 0.09 0.00	48.41 0.15 0.00	49.23 0.10 0.00	44.07 0.09 0.00	39.57 0.08 0.00	33.56 0.07 0.00	28.54 0.09 0.00
MARBLE_RIVER_WT_PWR 323696	26.64 0.62 0.00	24.75 0.60 0.00	22.41 0.55 0.00	21.75 0.55 0.00	20.99 0.55 0.00	22.81 0.66 0.00	24.26 0.68 0.00	23.91 0.65 0.00	20.00 0.47 0.00	17.94 0.40 0.00	19.04 0.43 0.00	19.42 0.38 0.00	21.18 0.42 0.00	23.07 0.50 0.00	24.18 0.52 0.00	28.19 0.61 0.00	33.18 0.71 0.00	43.80 0.99 0.00	49.57 1.30 0.00	50.31 1.18 0.00	45.12 1.14 0.00	40.48 0.99 0.00	34.29 0.80 0.00	29.20 0.74 0.00
MARSHVLE_115KV_TB1 80742	27.08 1.07 0.00	25.16 1.01 0.00	22.83 0.96 0.00	22.12 0.91 0.00	21.29 0.86 0.00	23.18 1.04 0.00	24.66 1.08 0.00	24.05 0.79 0.00	19.77 0.23 0.00	17.49 -0.05 0.00	18.41 -0.20 0.00	18.75 -0.29 0.00	20.46 -0.31 0.00	22.40 -0.18 0.00	23.66 0.00 0.00	27.86 0.30 0.02	33.31 0.84 0.00	44.48 1.67 0.00	50.58 2.32 0.00	51.94 2.80 0.00	46.45 2.46 0.00	41.54 2.05 0.00	35.23 1.74 0.00	29.74 1.28 0.00
MARSH_HILL_WT_PWR 323713	26.28 0.26 0.00	24.34 0.19 0.00	22.04 0.17 0.00	21.42 0.21 0.00	20.70 0.26 0.00	22.56 0.42 0.00	23.77 0.19 0.00	23.19 -0.07 0.00	19.20 -0.33 0.00	17.17 -0.37 0.00	18.20 -0.41 0.00	18.68 -0.36 0.00	20.41 -0.35 0.00	22.13 -0.45 0.00	23.24 -0.43 0.00	27.25 -0.33 0.00	31.82 -0.65 0.00	41.61 -1.20 0.00	47.49 -0.77 0.00	49.28 0.15 0.00	43.81 -0.18 0.00	39.41 -0.08 0.00	33.89 0.40 0.00	29.08 0.63 0.00
MCINTYRE_115KV_TB2 80467	27.11 1.09 0.00	25.26 1.11 0.00	22.87 1.01 0.00	22.20 1.00 0.00	21.42 0.98 0.00	23.27 1.13 0.00	24.71 1.13 0.00	24.28 1.02 0.00	20.16 0.63 0.00	18.05 0.51 0.00	19.12 0.50 0.00	19.50 0.46 0.00	21.22 0.46 0.00	23.19 0.61 0.00	24.35 0.69 0.00	28.35 0.77 0.00	33.44 0.97 0.00	44.23 1.41 0.00	50.25 1.98 0.00	51.25 2.11 0.00	46.05 2.07 0.00	41.11 1.62 0.00	35.00 1.51 0.00	29.88 1.42 0.00
MECO_____69_KV_BK1 80468	27.37 1.35 0.00	25.43 1.28 0.00	23.07 1.20 0.00	22.37 1.17 0.00	21.50 1.06 0.00	23.43 1.28 0.00	24.90 1.32 0.00	24.35 1.09 0.00	20.00 0.47 0.00	17.70 0.16 0.00	18.58 -0.04 0.00	18.89 -0.15 0.00	20.56 -0.21 0.00	22.51 -0.07 0.00	23.76 0.09 0.00	28.00 0.44 0.02	33.57 1.10 0.00	44.91 2.10 0.00	51.11 2.85 0.00	52.38 3.24 0.00	46.89 2.90 0.00	41.90 2.41 0.00	35.57 2.08 0.00	29.99 1.54 0.00
MENANDS___115KV_TB5 355628	26.20 0.18 0.00	24.32 0.17 0.00	22.08 0.22 0.00	21.37 0.17 0.00	20.60 0.16 0.00	22.28 0.13 0.00	23.74 0.17 0.00	23.47 0.21 0.00	19.77 0.23 0.00	17.75 0.21 0.00	18.82 0.20 0.00	19.23 0.19 0.00	20.98 0.21 0.00	22.83 0.25 0.00	23.97 0.31 0.00	27.79 0.25 0.04	32.82 0.36 0.00	43.37 0.56 0.00	48.80 0.53 0.00	49.43 0.29 0.00	44.25 0.26 0.00	39.76 0.28 0.00	33.56 0.07 0.00	28.46 0.00 0.00
MG INDUSTRY___DRP 24185	26.30 0.29 0.00	24.41 0.27 0.00	22.15 0.28 0.00	21.46 0.25 0.00	20.66 0.22 0.00	22.36 0.22 0.00	23.81 0.24 0.00	23.47 0.21 0.00	19.69 0.16 0.00	17.64 0.11 0.00	18.71 0.09 0.00	19.14 0.10 0.00	20.87 0.10 0.00	22.69 0.11 0.00	23.85 0.19 0.00	27.75 0.19 0.02	32.76 0.29 0.00	43.33 0.51 0.00	48.80 0.53 0.00	49.58 0.44 0.00	44.42 0.44 0.00	39.92 0.43 0.00	33.76 0.27 0.00	28.63 0.17 0.00



MID___OSWEGATCHIE_HYD 23849	26.64 0.62 0.00	24.80 0.65 0.00	22.48 0.61 0.00	21.82 0.61 0.00	21.03 0.59 0.00	22.85 0.71 0.00	24.26 0.68 0.00	23.86 0.60 0.00	19.84 0.31 0.00	17.77 0.23 0.00	18.84 0.22 0.00	19.17 0.13 0.00	20.87 0.10 0.00	22.78 0.20 0.00	23.95 0.28 0.00	27.88 0.30 0.00	32.89 0.42 0.00	43.50 0.69 0.00	49.33 1.06 0.00	50.46 1.33 0.00	45.30 1.32 0.00	40.44 0.95 0.00	34.46 0.97 0.00	29.40 0.94 0.00
MID___RAQUETTE_HYD 23851	26.77 0.75 0.00	24.90 0.75 0.00	22.54 0.68 0.00	21.88 0.68 0.00	21.11 0.67 0.00	22.96 0.82 0.00	24.33 0.75 0.00	23.93 0.67 0.00	19.94 0.41 0.00	17.89 0.35 0.00	18.97 0.35 0.00	19.33 0.29 0.00	21.06 0.29 0.00	22.98 0.41 0.00	24.11 0.45 0.00	27.97 0.39 0.00	32.99 0.52 0.00	43.45 0.64 0.00	49.33 1.06 0.00	50.17 1.03 0.00	45.13 1.14 0.00	40.36 0.87 0.00	34.46 0.97 0.00	29.48 1.02 0.00
MILLIKEN___1 23584	26.22 0.21 0.00	24.32 0.17 0.00	22.02 0.15 0.00	21.37 0.17 0.00	20.58 0.14 0.00	22.36 0.22 0.00	23.72 0.14 0.00	23.35 0.09 0.00	19.49 -0.04 0.00	17.47 -0.07 0.00	18.52 -0.09 0.00	18.94 -0.10 0.00	20.66 -0.10 0.00	22.46 -0.11 0.00	23.55 -0.12 0.00	27.58 0.00 0.00	32.50 0.03 0.00	42.94 0.13 0.00	48.51 0.24 0.00	49.77 0.64 0.00	44.42 0.44 0.00	39.76 0.28 0.00	33.89 0.40 0.00	28.83 0.37 0.00
MILLIKEN___2 23585	26.22 0.21 0.00	24.32 0.17 0.00	22.02 0.15 0.00	21.37 0.17 0.00	20.58 0.14 0.00	22.36 0.22 0.00	23.72 0.14 0.00	23.35 0.09 0.00	19.49 -0.04 0.00	17.47 -0.07 0.00	18.52 -0.09 0.00	18.94 -0.10 0.00	20.66 -0.10 0.00	22.46 -0.11 0.00	23.55 -0.12 0.00	27.58 0.00 0.00	32.50 0.03 0.00	42.94 0.13 0.00	48.51 0.24 0.00	49.77 0.64 0.00	44.42 0.44 0.00	39.76 0.28 0.00	33.89 0.40 0.00	28.83 0.37 0.00
MILLIKEN___DIESEL 23629	26.22 0.21 0.00	24.32 0.17 0.00	22.02 0.15 0.00	21.37 0.17 0.00	20.58 0.14 0.00	22.36 0.22 0.00	23.72 0.14 0.00	23.35 0.09 0.00	19.49 -0.04 0.00	17.47 -0.07 0.00	18.52 -0.09 0.00	18.94 -0.10 0.00	20.66 -0.10 0.00	22.46 -0.11 0.00	23.55 -0.12 0.00	27.58 0.00 0.00	32.50 0.03 0.00	42.94 0.13 0.00	48.51 0.24 0.00	49.77 0.64 0.00	44.42 0.44 0.00	39.76 0.28 0.00	33.89 0.40 0.00	28.83 0.37 0.00
MILLSEAT___LFGE 323607	25.96 -0.05 0.00	24.20 0.05 0.00	21.78 -0.09 0.00	21.18 -0.02 0.00	20.62 0.18 0.00	22.41 0.27 0.00	23.53 -0.05 0.00	22.89 -0.37 0.00	19.06 -0.47 0.00	17.07 -0.47 0.00	18.11 -0.50 0.00	18.62 -0.42 0.00	20.37 -0.40 0.00	21.99 -0.59 0.00	23.00 -0.66 0.00	26.97 -0.61 0.00	31.33 -1.14 0.00	40.84 -1.97 0.00	46.53 -1.74 0.00	48.20 -0.94 0.00	43.02 -0.97 0.00	38.78 -0.71 0.00	33.53 0.03 0.00	29.00 0.54 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	26.67 0.65 0.00	24.68 0.53 0.00	22.32 0.46 0.00	21.58 0.38 0.00	20.80 0.37 0.00	22.45 0.31 0.00	24.05 0.47 0.00	23.84 0.58 0.00	20.25 0.72 0.00	18.26 0.72 0.00	19.43 0.82 0.00	19.97 0.93 0.00	21.85 1.08 0.00	23.68 1.11 0.00	24.94 1.28 0.00	29.03 1.41 -0.04	34.06 1.59 0.00	44.74 1.93 0.00	50.10 1.83 0.00	50.76 1.62 0.00	45.48 1.50 0.00	40.95 1.46 0.00	34.53 1.04 0.00	29.20 0.74 0.00
MILLWOOD_13_KV_LOAD 356217	26.69 0.68 0.00	24.70 0.56 0.00	22.37 0.50 0.00	21.63 0.42 0.00	20.82 0.39 0.00	22.47 0.33 0.00	24.07 0.50 0.00	23.86 0.60 0.00	20.27 0.74 0.00	18.26 0.72 0.00	19.47 0.86 0.00	19.99 0.95 0.00	21.89 1.12 0.00	23.73 1.15 0.00	24.99 1.33 0.00	29.08 1.46 -0.04	34.12 1.66 0.00	44.82 2.01 0.00	50.20 1.93 0.00	50.85 1.72 0.00	45.57 1.58 0.00	41.03 1.54 0.00	34.60 1.11 0.00	29.25 0.80 0.00
MODEL_CITY_ENERGY 24167	25.37 -0.65 0.00	23.76 -0.39 0.00	21.30 -0.57 0.00	20.67 -0.53 0.00	20.27 -0.16 0.00	21.96 -0.18 0.00	22.92 -0.66 0.00	22.24 -1.02 0.00	18.56 -0.98 0.00	16.63 -0.91 0.00	17.70 -0.91 0.00	18.20 -0.84 0.00	19.90 -0.87 0.00	21.47 -1.11 0.00	22.48 -1.18 0.00	26.23 -1.35 0.00	30.36 -2.11 0.00	39.35 -3.47 0.00	44.79 -3.48 0.00	46.43 -2.70 0.00	41.39 -2.60 0.00	37.55 -1.93 0.00	32.49 -1.00 0.00	28.32 -0.14 0.00
MODERN_LFGE___ 323580	25.37 -0.65 0.00	23.76 -0.39 0.00	21.30 -0.57 0.00	20.67 -0.53 0.00	20.27 -0.16 0.00	21.96 -0.18 0.00	22.92 -0.66 0.00	22.24 -1.02 0.00	18.56 -0.98 0.00	16.63 -0.91 0.00	17.70 -0.91 0.00	18.20 -0.84 0.00	19.90 -0.87 0.00	21.47 -1.11 0.00	22.48 -1.18 0.00	26.23 -1.35 0.00	30.36 -2.11 0.00	39.35 -3.47 0.00	44.79 -3.48 0.00	46.43 -2.70 0.00	41.39 -2.60 0.00	37.55 -1.93 0.00	32.49 -1.00 0.00	28.32 -0.14 0.00
MOHAWK_PAPER___DRP 24187	26.33 0.31 0.00	24.46 0.31 0.00	22.19 0.33 0.00	21.48 0.28 0.00	20.70 0.27 0.00	22.39 0.24 0.00	23.88 0.31 0.00	23.58 0.33 0.00	19.84 0.31 0.00	17.80 0.26 0.00	18.87 0.26 0.00	19.29 0.25 0.00	21.04 0.27 0.00	22.89 0.32 0.00	24.04 0.38 0.00	27.90 0.36 0.04	32.99 0.52 0.00	43.58 0.77 0.00	49.09 0.82 0.00	49.77 0.64 0.00	44.55 0.57 0.00	40.04 0.55 0.00	33.79 0.30 0.00	28.63 0.17 0.00
MOHICAN___35_KV_115KV_LD 80490	27.29 1.27 0.00	25.33 1.18 0.00	23.00 1.14 0.00	22.28 1.08 0.00	21.44 1.00 0.00	23.29 1.15 0.00	24.78 1.20 0.00	24.42 1.16 0.00	20.37 0.84 0.00	18.19 0.65 0.00	19.12 0.50 0.00	19.50 0.46 0.00	21.22 0.46 0.00	23.12 0.54 0.00	24.30 0.64 0.00	28.37 0.83 0.04	33.77 1.30 0.00	45.08 2.27 0.00	51.02 2.75 0.00	52.03 2.90 0.00	46.58 2.60 0.00	41.70 2.21 0.00	35.30 1.81 0.00	29.82 1.37 0.00
MONGAUP___HYD 23641	26.64 0.62 0.00	24.68 0.53 0.00	22.28 0.41 0.00	21.56 0.36 0.00	20.76 0.33 0.00	22.50 0.35 0.00	24.07 0.50 0.00	23.75 0.49 0.00	20.04 0.51 0.00	17.98 0.44 0.00	19.10 0.48 0.00	19.55 0.51 0.00	21.43 0.66 0.00	23.32 0.74 0.00	24.54 0.88 0.00	28.66 1.05 -0.03	33.73 1.26 0.00	44.61 1.80 0.00	50.15 1.88 0.00	51.00 1.87 0.00	45.65 1.67 0.00	40.95 1.46 0.00	34.53 1.04 0.00	29.25 0.80 0.00
MONTAUK___DIESEL 23721	27.50 1.48 0.00	25.36 1.21 0.00	22.98 1.12 0.00	22.07 0.87 0.00	21.07 0.63 0.00	22.78 0.64 0.00	24.24 0.66 0.00	24.14 0.88 0.00	21.17 1.64 0.00	19.10 1.56 0.00	20.20 1.58 -0.01	20.76 1.71 -0.01	22.75 1.97 -0.01	29.14 2.10 -4.46	33.01 2.37 -6.98	34.75 2.81 -4.36	38.37 3.28 -2.62	46.80 3.98 -0.01	52.42 4.15 0.00	52.48 3.34 0.00	47.02 3.03 0.00	42.17 2.69 0.00	35.80 2.31 0.00	30.05 1.59 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	26.22 0.21 0.00	24.34 0.19 0.00	22.06 0.20 0.00	21.42 0.21 0.00	20.64 0.20 0.00	22.65 0.51 0.00	23.93 0.35 0.00	23.35 0.09 0.00	19.41 -0.12 0.00	17.42 -0.12 0.00	18.58 -0.04 0.00	19.15 0.11 0.00	20.91 0.15 0.00	22.60 0.02 0.00	23.69 0.02 0.00	27.66 0.08 0.00	32.01 -0.45 0.00	41.49 -1.33 0.00	47.35 -0.92 0.00	49.18 0.05 0.00	43.59 -0.40 0.00	39.25 -0.24 0.00	33.83 0.33 0.00	29.11 0.65 0.00



MORRIS_RIDGE___SOLAR 323848	25.94 -0.08 0.00	24.05 -0.10 0.00	21.78 -0.09 0.00	21.14 -0.06 0.00	20.46 0.02 0.00	22.25 0.11 0.00	23.41 -0.16 0.00	22.82 -0.44 0.00	18.87 -0.66 0.00	16.87 -0.67 0.00	17.93 -0.69 0.00	18.41 -0.63 0.00	20.15 -0.62 0.00	21.81 -0.77 0.00	22.88 -0.78 0.00	26.78 -0.80 0.00	31.17 -1.30 0.00	40.72 -2.10 0.00	46.48 -1.78 0.00	48.30 -0.84 0.00	43.02 -0.97 0.00	38.78 -0.71 0.00	33.36 -0.13 0.00	28.68 0.23 0.00
MORTIMER_115KV_TB3 55949	25.78 -0.23 0.00	23.91 -0.24 0.00	21.65 -0.22 0.00	21.03 -0.17 0.00	20.21 -0.22 0.00	22.05 -0.09 0.00	23.32 -0.26 0.00	22.89 -0.37 0.00	19.10 -0.43 0.00	17.12 -0.42 0.00	18.17 -0.45 0.00	18.64 -0.40 0.00	20.37 -0.39 0.00	22.06 -0.52 0.00	23.05 -0.62 0.00	27.00 -0.58 0.00	31.56 -0.91 0.00	41.36 -1.46 0.00	46.87 -1.40 0.00	48.25 -0.88 0.00	43.15 -0.84 0.00	38.74 -0.75 0.00	33.29 -0.20 0.00	28.49 0.03 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	26.82 0.81 0.00	24.82 0.68 0.00	22.43 0.57 0.00	21.69 0.49 0.00	20.91 0.47 0.00	22.52 0.38 0.00	24.14 0.57 0.00	23.96 0.70 0.00	20.41 0.88 0.00	18.42 0.88 0.00	19.62 1.01 0.00	20.16 1.12 0.00	22.06 1.29 0.00	23.93 1.35 0.00	25.20 1.54 0.00	29.31 1.68 -0.04	34.38 1.92 0.00	45.08 2.27 0.00	50.44 2.17 0.00	51.05 1.92 0.00	45.79 1.80 0.00	41.27 1.78 0.00	34.76 1.27 0.00	29.40 0.94 0.00
MUNSVILLE_WIND_PWR 323609	27.47 1.46 0.00	25.60 1.45 0.00	23.22 1.36 0.00	22.54 1.34 0.00	21.72 1.29 0.00	23.54 1.40 0.00	24.97 1.39 0.00	24.49 1.23 0.00	20.18 0.64 0.00	17.99 0.46 0.00	19.01 0.39 0.00	19.40 0.36 0.00	21.06 0.29 0.00	23.03 0.45 0.00	24.35 0.69 0.00	28.63 1.05 0.00	33.83 1.36 0.00	45.04 2.22 0.00	51.11 2.85 0.00	53.02 3.88 0.00	47.32 3.34 0.00	42.29 2.80 0.00	35.84 2.34 0.00	30.45 1.99 0.00
N SALMON___HYD 24042	27.03 1.01 0.00	25.14 0.99 0.00	22.74 0.88 0.00	22.07 0.87 0.00	21.31 0.88 0.00	23.21 1.06 0.00	24.71 1.13 0.00	24.31 1.05 0.00	20.29 0.76 0.00	18.19 0.65 0.00	19.28 0.67 0.00	19.67 0.63 0.00	21.45 0.68 0.00	23.41 0.84 0.00	24.54 0.88 0.00	28.60 1.02 0.00	33.70 1.23 0.00	44.48 1.67 0.00	50.58 2.32 0.00	51.25 2.11 0.00	45.96 1.98 0.00	41.19 1.70 0.00	34.87 1.37 0.00	29.71 1.25 0.00
N.AKRON__115KV_KNAPP 355671	25.94 -0.08 0.00	24.05 -0.10 0.00	21.91 0.04 0.00	21.20 0.00 0.00	20.33 -0.10 0.00	22.43 0.29 0.00	23.55 -0.02 0.00	22.91 -0.35 0.00	19.08 -0.45 0.00	17.07 -0.47 0.00	18.13 -0.48 0.00	18.62 -0.42 0.00	20.39 -0.37 0.00	22.01 -0.56 0.00	23.03 -0.64 0.00	27.00 -0.58 0.00	31.36 -1.10 0.00	40.84 -1.97 0.00	46.53 -1.74 0.00	48.20 -0.93 0.00	43.02 -0.97 0.00	38.70 -0.79 0.00	33.52 0.03 0.00	29.00 0.54 0.00
N.E_GEN_SANDY PD 24062	26.43 0.41 0.00	24.51 0.36 0.00	22.21 0.35 0.00	21.50 0.30 0.00	20.70 0.26 0.00	22.39 0.24 0.00	23.93 0.35 0.00	23.70 0.44 0.00	20.00 0.47 0.00	17.98 0.44 0.00	19.10 0.48 0.00	19.57 0.53 0.00	21.35 0.58 0.00	23.19 0.61 0.00	24.37 0.71 0.00	28.00 0.69 0.27	33.34 0.88 0.00	44.05 1.24 0.00	49.52 1.25 0.00	50.07 0.93 0.00	44.78 0.79 0.00	40.20 0.71 0.00	33.89 0.40 0.00	28.74 0.28 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	26.61 0.60 0.00	24.66 0.51 0.00	22.28 0.42 0.00	21.54 0.34 0.00	20.76 0.33 0.00	22.41 0.27 0.00	24.00 0.42 0.00	23.79 0.53 0.00	20.20 0.66 0.00	18.21 0.67 0.00	19.40 0.78 0.00	19.92 0.88 0.00	21.79 1.02 0.00	23.64 1.06 0.00	24.89 1.23 0.00	28.97 1.35 -0.04	33.99 1.53 0.00	44.65 1.84 0.00	50.05 1.79 0.00	50.76 1.62 0.00	45.48 1.50 0.00	40.91 1.42 0.00	34.46 0.97 0.00	29.17 0.71 0.00
N.QUEENS_27_KV_LOAD 356247	26.98 0.96 0.00	24.95 0.80 0.00	22.52 0.66 0.00	21.75 0.55 0.00	21.03 0.59 0.00	22.32 0.18 0.00	23.91 0.33 0.00	23.82 0.56 0.00	20.41 0.88 0.00	18.47 0.93 0.00	19.67 1.06 0.00	20.26 1.22 0.00	22.14 1.37 0.00	24.00 1.42 0.00	25.25 1.59 0.00	29.31 1.68 -0.04	34.35 1.88 0.00	44.70 1.88 0.00	50.00 1.74 0.00	50.61 1.47 0.00	45.35 1.36 0.00	40.99 1.50 0.00	34.73 1.24 0.00	29.54 1.08 0.00
N.TROY___115KV_TB1 355778	26.56 0.55 0.00	24.66 0.51 0.00	22.37 0.50 0.00	21.67 0.47 0.00	20.86 0.43 0.00	22.59 0.44 0.00	24.10 0.52 0.00	23.82 0.56 0.00	20.02 0.49 0.00	17.94 0.40 0.00	19.00 0.39 0.00	19.44 0.40 0.00	21.18 0.42 0.00	23.05 0.47 0.00	24.21 0.54 0.00	28.08 0.55 0.05	33.28 0.81 0.00	44.05 1.24 0.00	49.67 1.40 0.00	50.31 1.18 0.00	45.04 1.06 0.00	40.48 0.99 0.00	34.13 0.64 0.00	28.94 0.48 0.00
NARROWS_GT1_1 24228	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
NARROWS_GT1_2 24229	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
NARROWS_GT1_3 24230	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
NARROWS_GT1_4 24231	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
NARROWS_GT1_5 24232	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00



NARROWS_GT1_6 24233	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
NARROWS_GT1_7 24234	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
NARROWS_GT1_8 24235	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
NARROWS_GT2_1 24236	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
NARROWS_GT2_2 24237	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
NARROWS_GT2_3 24238	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
NARROWS_GT2_4 24239	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
NARROWS_GT2_5 24240	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
NARROWS_GT2_6 24241	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
NARROWS_GT2_7 24242	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
NARROWS_GT2_8 24243	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	26.56 0.55 0.00	24.68 0.53 0.00	22.37 0.50 0.00	21.67 0.47 0.00	20.84 0.41 0.00	22.61 0.46 0.00	24.10 0.52 0.00	23.68 0.42 0.00	19.82 0.29 0.00	17.73 0.19 0.00	18.73 0.11 0.00	19.14 0.10 0.00	20.89 0.12 0.00	22.80 0.23 0.00	23.95 0.28 0.00	28.15 0.58 0.01	33.05 0.58 0.00	43.97 1.16 0.00	49.62 1.35 0.00	50.41 1.28 0.00	45.13 1.14 0.00	40.48 0.99 0.00	34.16 0.67 0.00	28.94 0.48 0.00
NCHELSEA_115KV_TR2 355582	26.74 0.73 0.00	24.78 0.63 0.00	22.41 0.55 0.00	21.67 0.47 0.00	20.86 0.43 0.00	22.56 0.42 0.00	24.14 0.57 0.00	23.89 0.63 0.00	20.22 0.68 0.00	18.21 0.67 0.00	19.34 0.73 0.00	19.86 0.82 0.00	21.76 1.00 0.00	23.64 1.06 0.00	24.87 1.21 0.00	28.97 1.35 -0.03	34.03 1.56 0.00	44.87 2.05 0.00	50.34 2.08 0.00	51.05 1.92 0.00	45.70 1.72 0.00	41.11 1.62 0.00	34.63 1.14 0.00	29.31 0.85 0.00
NEG CAPITAL___MECHNVIL 23645	26.95 0.94 0.00	25.02 0.87 0.00	22.72 0.85 0.00	21.99 0.78 0.00	21.15 0.71 0.00	22.96 0.82 0.00	24.45 0.87 0.00	24.12 0.86 0.00	20.20 0.66 0.00	18.06 0.53 0.00	19.10 0.48 0.00	19.52 0.48 0.00	21.25 0.48 0.00	23.16 0.59 0.00	24.33 0.66 0.00	28.31 0.77 0.04	33.60 1.14 0.00	44.61 1.80 0.00	50.39 2.12 0.00	51.20 2.06 0.00	45.83 1.85 0.00	41.11 1.62 0.00	34.76 1.27 0.00	29.42 0.97 0.00
NEG CENTRAL_HIGH_ACRES 23767	25.31 -0.70 0.00	23.45 -0.70 0.00	21.23 -0.63 0.00	20.65 -0.55 0.00	19.88 -0.55 0.00	21.63 -0.51 0.00	22.89 -0.68 0.00	22.49 -0.77 0.00	18.77 -0.76 0.00	16.84 -0.70 0.00	17.85 -0.76 0.00	18.30 -0.74 0.00	20.00 -0.77 0.00	21.67 -0.90 0.00	22.65 -1.02 0.00	26.56 -1.02 0.00	31.10 -1.36 0.00	40.84 -1.97 0.00	46.29 -1.98 0.00	47.56 -1.57 0.00	42.49 -1.50 0.00	38.15 -1.34 0.00	32.72 -0.77 0.00	27.92 -0.54 0.00



NEG CENTRAL___DRP 24199	25.94 -0.08 0.00	24.03 -0.12 0.00	21.76 -0.11 0.00	21.14 -0.06 0.00	20.33 -0.10 0.00	22.16 0.02 0.00	23.48 -0.09 0.00	23.07 -0.19 0.00	19.26 -0.27 0.00	17.26 -0.28 0.00	18.32 -0.30 0.00	18.75 -0.29 0.00	20.46 -0.31 0.00	22.22 -0.36 0.00	23.24 -0.43 0.00	27.25 -0.33 0.00	32.05 -0.42 0.00	42.13 -0.68 0.00	47.69 -0.58 0.00	48.94 -0.20 0.00	43.68 -0.31 0.00	39.13 -0.36 0.00	33.49 0.00 0.00	28.51 0.06 0.00
NEG CENTRAL___INDECK 23768	26.64 0.62 0.00	24.66 0.51 0.00	22.33 0.46 0.00	21.73 0.53 0.00	20.95 0.51 0.00	22.83 0.69 0.00	24.14 0.56 0.00	23.61 0.35 0.00	19.53 0.00 0.00	17.42 -0.12 0.00	18.39 -0.22 0.00	18.83 -0.21 0.00	20.56 -0.21 0.00	22.31 -0.27 0.00	23.36 -0.31 0.00	27.52 -0.06 0.00	32.31 -0.16 0.00	42.60 -0.21 0.00	48.65 0.38 0.00	50.36 1.23 0.00	44.91 0.93 0.00	40.24 0.75 0.00	34.60 1.10 0.00	29.57 1.11 0.00
NEG CENTRAL___SENECA 23627	26.04 0.03 0.00	24.12 -0.02 0.00	21.84 -0.02 0.00	21.25 0.04 0.00	20.43 0.00 0.00	22.30 0.15 0.00	23.60 0.02 0.00	23.17 -0.09 0.00	19.30 -0.23 0.00	17.28 -0.26 0.00	18.32 -0.30 0.00	18.77 -0.27 0.00	20.48 -0.29 0.00	22.22 -0.36 0.00	23.29 -0.38 0.00	27.33 -0.25 0.00	32.11 -0.36 0.00	42.13 -0.68 0.00	47.78 -0.48 0.00	49.13 0.00 0.00	43.81 -0.18 0.00	39.21 -0.28 0.00	33.69 0.20 0.00	28.74 0.28 0.00
NEG CENTRAL___STATE_STREET 24147	25.91 -0.10 0.00	24.00 -0.14 0.00	21.73 -0.13 0.00	21.12 -0.08 0.00	20.31 -0.12 0.00	22.10 -0.04 0.00	23.46 -0.12 0.00	23.07 -0.19 0.00	19.30 -0.23 0.00	17.31 -0.23 0.00	18.35 -0.26 0.00	18.79 -0.25 0.00	20.50 -0.27 0.00	22.28 -0.29 0.00	23.31 -0.35 0.00	27.28 -0.30 0.00	32.14 -0.32 0.00	42.38 -0.43 0.00	47.93 -0.34 0.00	49.04 -0.10 0.00	43.81 -0.18 0.00	39.25 -0.24 0.00	33.46 -0.03 0.00	28.43 -0.03 0.00
NEG MILLWOOD___DRP 24198	26.82 0.81 0.00	24.80 0.65 0.00	22.48 0.61 0.00	21.71 0.51 0.00	20.93 0.49 0.00	22.61 0.46 0.00	24.21 0.64 0.00	23.96 0.70 0.00	20.29 0.76 0.00	18.26 0.72 0.00	19.45 0.84 0.00	19.94 0.89 0.00	21.89 1.12 0.00	23.75 1.17 0.00	24.99 1.33 0.00	29.11 1.49 -0.04	34.19 1.72 0.00	45.04 2.23 0.00	50.44 2.17 0.00	51.20 2.06 0.00	45.79 1.80 0.00	41.23 1.74 0.00	34.76 1.27 0.00	29.37 0.91 0.00
NEG NORTH_FLCN_SEA 23793	26.95 0.94 0.00	25.04 0.89 0.00	22.65 0.79 0.00	21.99 0.78 0.00	21.21 0.78 0.00	23.07 0.93 0.00	24.57 0.99 0.00	24.19 0.93 0.00	20.24 0.70 0.00	18.14 0.60 0.00	19.25 0.63 0.00	19.63 0.59 0.00	21.41 0.64 0.00	23.34 0.77 0.00	24.47 0.80 0.00	28.55 0.97 0.00	33.60 1.14 0.00	44.35 1.54 0.00	50.29 2.03 0.00	51.00 1.87 0.00	45.70 1.72 0.00	40.87 1.38 0.00	34.70 1.21 0.00	29.54 1.08 0.00
NEG NORTH_KES_CHATEGAY 23792	26.69 0.68 0.00	24.80 0.65 0.00	22.43 0.57 0.00	21.78 0.57 0.00	21.01 0.57 0.00	22.85 0.71 0.00	24.33 0.75 0.00	23.96 0.70 0.00	20.02 0.49 0.00	17.96 0.42 0.00	19.06 0.45 0.00	19.44 0.40 0.00	21.20 0.44 0.00	23.10 0.52 0.00	24.23 0.57 0.00	28.24 0.66 0.00	33.28 0.81 0.00	43.88 1.07 0.00	49.76 1.50 0.00	50.46 1.33 0.00	45.26 1.28 0.00	40.48 0.99 0.00	34.36 0.87 0.00	29.25 0.80 0.00
NEG NORTH___ALICE_FALLS 23915	27.00 0.99 0.00	25.11 0.97 0.00	22.72 0.85 0.00	22.05 0.85 0.00	21.27 0.84 0.00	23.18 1.04 0.00	24.69 1.11 0.00	24.31 1.05 0.00	20.29 0.76 0.00	18.19 0.65 0.00	19.28 0.67 0.00	19.67 0.63 0.00	21.45 0.69 0.00	23.41 0.84 0.00	24.54 0.88 0.00	28.66 1.08 0.00	33.77 1.30 0.00	44.57 1.76 0.00	50.63 2.37 0.00	51.30 2.16 0.00	45.96 1.98 0.00	41.07 1.58 0.00	34.80 1.31 0.00	29.62 1.17 0.00
NEG NORTH___LWR_SARANAC 23913	27.00 0.99 0.00	25.11 0.97 0.00	22.72 0.85 0.00	22.05 0.85 0.00	21.27 0.84 0.00	23.18 1.04 0.00	24.69 1.11 0.00	24.31 1.05 0.00	20.29 0.76 0.00	18.19 0.65 0.00	19.28 0.67 0.00	19.67 0.63 0.00	21.45 0.69 0.00	23.41 0.84 0.00	24.54 0.88 0.00	28.66 1.08 0.00	33.77 1.30 0.00	44.57 1.76 0.00	50.63 2.37 0.00	51.30 2.16 0.00	45.96 1.98 0.00	41.07 1.58 0.00	34.80 1.31 0.00	29.62 1.17 0.00
NEG NORTH___PLATTSBURG 23628	27.03 1.01 0.00	25.12 0.97 0.00	22.72 0.85 0.00	22.05 0.85 0.00	21.27 0.84 0.00	23.18 1.04 0.00	24.69 1.11 0.00	24.31 1.05 0.00	20.29 0.76 0.00	18.19 0.65 0.00	19.28 0.67 0.00	19.67 0.63 0.00	21.45 0.68 0.00	23.41 0.84 0.00	24.54 0.88 0.00	28.65 1.07 0.00	33.77 1.30 0.00	44.57 1.76 0.00	50.63 2.36 0.00	51.29 2.16 0.00	45.96 1.98 0.00	41.19 1.70 0.00	34.80 1.30 0.00	29.62 1.17 0.00
NEG WEST_LEA_LOCKPORT 23791	25.57 -0.44 0.00	23.74 -0.41 0.00	21.62 -0.24 0.00	20.89 -0.32 0.00	20.07 -0.37 0.00	22.10 -0.04 0.00	23.11 -0.47 0.00	22.45 -0.81 0.00	18.73 -0.80 0.00	16.77 -0.77 0.00	17.87 -0.74 0.00	18.37 -0.67 0.00	20.08 -0.69 0.00	21.67 -0.90 0.00	22.72 -0.95 0.00	26.50 -1.08 0.00	30.68 -1.79 0.00	39.77 -3.04 0.00	45.27 -2.99 0.00	46.97 -2.16 0.00	41.83 -2.16 0.00	37.83 -1.66 0.00	32.82 -0.67 0.00	28.51 0.06 0.00
NEG WEST___LANCASTR 23811	25.52 -0.49 0.00	23.69 -0.46 0.00	21.47 -0.39 0.00	20.82 -0.38 0.00	20.05 -0.39 0.00	21.94 -0.20 0.00	23.08 -0.50 0.00	22.45 -0.81 0.00	18.71 -0.82 0.00	16.77 -0.77 0.00	17.89 -0.73 0.00	18.41 -0.63 0.00	20.12 -0.64 0.00	21.70 -0.88 0.00	22.79 -0.88 0.00	26.61 -0.97 0.00	30.88 -1.59 0.00	40.07 -2.74 0.00	45.66 -2.61 0.00	47.37 -1.77 0.00	42.09 -1.89 0.00	37.95 -1.54 0.00	32.75 -0.74 0.00	28.31 -0.14 0.00
NEG_PENN_ALLEGHNY 23528	26.07 0.05 0.00	24.17 0.02 0.00	21.89 0.02 0.00	21.22 0.02 0.00	20.48 0.04 0.00	22.21 0.07 0.00	23.55 -0.02 0.00	23.17 -0.09 0.00	19.40 -0.14 0.00	17.40 -0.14 0.00	18.48 -0.13 0.00	18.95 -0.09 0.00	20.66 -0.10 0.00	22.42 -0.16 0.00	23.55 -0.12 0.00	27.50 -0.08 0.00	32.31 -0.16 0.00	42.47 -0.34 0.00	48.03 -0.24 0.00	49.23 0.10 0.00	43.94 -0.04 0.00	39.45 -0.04 0.00	33.63 0.13 0.00	28.66 0.20 0.00
NEG___GEN_MONROE 24207	25.86 -0.16 0.00	23.96 -0.19 0.00	21.71 -0.15 0.00	21.10 -0.11 0.00	20.27 -0.16 0.00	22.16 0.02 0.00	23.39 -0.19 0.00	22.89 -0.37 0.00	19.10 -0.43 0.00	17.10 -0.44 0.00	18.17 -0.45 0.00	18.62 -0.42 0.00	20.37 -0.39 0.00	22.03 -0.54 0.00	23.00 -0.66 0.00	26.95 -0.63 0.00	31.43 -1.04 0.00	41.14 -1.67 0.00	46.72 -1.54 0.00	48.20 -0.93 0.00	43.10 -0.88 0.00	38.70 -0.79 0.00	33.29 -0.20 0.00	28.57 0.11 0.00
NEPA___ENERGY 23901	25.81 -0.21 0.00	23.98 -0.17 0.00	21.73 -0.13 0.00	21.08 -0.13 0.00	20.29 -0.14 0.00	22.21 0.07 0.00	23.34 -0.24 0.00	22.77 -0.49 0.00	18.97 -0.57 0.00	17.00 -0.54 0.00	18.15 -0.47 0.00	18.66 -0.38 0.00	20.39 -0.37 0.00	21.99 -0.59 0.00	23.10 -0.57 0.00	26.97 -0.61 0.00	31.27 -1.20 0.00	40.67 -2.14 0.00	46.34 -1.93 0.00	48.05 -1.08 0.00	42.71 -1.28 0.00	38.50 -0.99 0.00	33.19 -0.30 0.00	28.63 0.17 0.00



NEVERSINK___HYD 23608	26.77 0.75 0.00	24.82 0.68 0.00	22.41 0.55 0.00	21.67 0.47 0.00	20.86 0.43 0.00	22.59 0.44 0.00	24.19 0.61 0.00	23.86 0.60 0.00	20.16 0.62 0.00	18.12 0.58 0.00	19.25 0.63 0.00	19.75 0.70 0.00	21.64 0.87 0.00	23.52 0.95 0.00	24.75 1.09 0.00	28.90 1.30 -0.02	33.96 1.49 0.00	44.87 2.05 0.00	50.34 2.07 0.00	51.25 2.11 0.00	45.87 1.89 0.00	41.19 1.70 0.00	34.73 1.24 0.00	29.39 0.94 0.00
NEWKRMKL_115KV_TB1 55635	26.07 0.05 0.00	24.22 0.07 0.00	22.00 0.13 0.00	21.31 0.11 0.00	20.50 0.06 0.00	22.19 0.04 0.00	23.65 0.07 0.00	23.38 0.12 0.00	19.67 0.14 0.00	17.64 0.11 0.00	18.73 0.11 0.00	19.14 0.10 0.00	20.87 0.10 0.00	22.71 0.14 0.00	23.85 0.19 0.00	27.69 0.14 0.03	32.66 0.19 0.00	43.15 0.34 0.00	48.56 0.29 0.00	49.23 0.10 0.00	44.07 0.09 0.00	39.61 0.12 0.00	33.46 -0.03 0.00	28.34 -0.11 0.00
NEWTON___FALLS_HYD 23847	26.64 0.62 0.00	24.80 0.65 0.00	22.48 0.61 0.00	21.82 0.61 0.00	21.03 0.59 0.00	22.85 0.71 0.00	24.26 0.68 0.00	23.86 0.60 0.00	19.84 0.31 0.00	17.77 0.23 0.00	18.84 0.22 0.00	19.17 0.13 0.00	20.87 0.10 0.00	22.78 0.20 0.00	23.95 0.28 0.00	27.88 0.30 0.00	32.89 0.42 0.00	43.50 0.69 0.00	49.33 1.06 0.00	50.46 1.33 0.00	45.30 1.32 0.00	40.44 0.95 0.00	34.46 0.97 0.00	29.40 0.94 0.00
NGRID_A1_DSASP 323792	25.47 -0.55 0.00	23.38 -0.77 0.00	21.43 -0.44 0.00	20.80 -0.40 0.00	19.90 -0.53 0.00	21.61 -0.53 0.00	22.63 -0.94 0.00	22.07 -1.19 0.00	18.44 -1.09 0.00	16.52 -1.02 0.00	17.59 -1.02 0.00	18.09 -0.95 0.00	19.77 -1.00 0.00	21.34 -1.24 0.00	22.36 -1.30 0.00	26.04 -1.54 0.00	30.13 -2.34 0.00	39.00 -3.81 0.00	44.31 -3.96 0.00	45.94 -3.19 0.00	40.99 -2.99 0.00	37.24 -2.25 0.00	32.22 -1.27 0.00	27.92 -0.54 0.00
NGRID_A2_DSASP 323793	25.47 -0.55 0.00	23.38 -0.77 0.00	21.43 -0.44 0.00	20.80 -0.40 0.00	19.90 -0.53 0.00	21.61 -0.53 0.00	22.63 -0.94 0.00	22.07 -1.19 0.00	18.44 -1.09 0.00	16.52 -1.02 0.00	17.59 -1.02 0.00	18.09 -0.95 0.00	19.77 -1.00 0.00	21.34 -1.24 0.00	22.36 -1.30 0.00	26.04 -1.54 0.00	30.13 -2.34 0.00	39.00 -3.81 0.00	44.31 -3.96 0.00	45.94 -3.19 0.00	40.99 -2.99 0.00	37.24 -2.25 0.00	32.22 -1.27 0.00	27.92 -0.54 0.00
NGRID_A4_DSASP 323807	25.47 -0.55 0.00	23.38 -0.77 0.00	21.43 -0.44 0.00	20.80 -0.40 0.00	19.90 -0.53 0.00	21.61 -0.53 0.00	22.63 -0.94 0.00	22.07 -1.19 0.00	18.44 -1.09 0.00	16.52 -1.02 0.00	17.59 -1.02 0.00	18.09 -0.95 0.00	19.77 -1.00 0.00	21.34 -1.24 0.00	22.36 -1.30 0.00	26.04 -1.54 0.00	30.13 -2.34 0.00	39.00 -3.81 0.00	44.31 -3.96 0.00	45.94 -3.19 0.00	40.99 -2.99 0.00	37.24 -2.25 0.00	32.22 -1.27 0.00	27.92 -0.54 0.00
NIAGARA_115E_LBMP 323715	25.24 -0.78 0.00	23.69 -0.46 0.00	21.19 -0.68 0.00	20.59 -0.62 0.00	20.23 -0.20 0.00	21.90 -0.24 0.00	22.82 -0.76 0.00	22.12 -1.14 0.00	18.48 -1.06 0.00	16.54 -1.00 0.00	17.61 -1.01 0.00	18.11 -0.93 0.00	19.79 -0.98 0.00	21.36 -1.22 0.00	22.39 -1.28 0.00	26.09 -1.49 0.00	30.19 -2.27 0.00	39.09 -3.73 0.00	44.50 -3.76 0.00	46.14 -3.00 0.00	41.12 -2.86 0.00	37.32 -2.17 0.00	32.29 -1.20 0.00	28.23 -0.23 0.00
NIAGARA_115W_LBMP 323714	25.42 -0.60 0.00	23.30 -0.85 0.00	21.38 -0.48 0.00	20.78 -0.42 0.00	19.84 -0.59 0.00	21.55 -0.60 0.00	22.59 -0.99 0.00	22.00 -1.26 0.00	18.40 -1.13 0.00	16.49 -1.05 0.00	17.55 -1.06 0.00	18.05 -0.99 0.00	19.73 -1.04 0.00	21.27 -1.31 0.00	22.29 -1.37 0.00	25.95 -1.63 0.00	30.03 -2.44 0.00	38.87 -3.94 0.00	44.21 -4.05 0.00	45.84 -3.29 0.00	40.90 -3.08 0.00	37.12 -2.37 0.00	32.15 -1.34 0.00	27.83 -0.63 0.00
NIAGARA_230_LBMP 323716	25.49 -0.52 0.00	23.64 -0.51 0.00	21.41 -0.46 0.00	20.78 -0.42 0.00	20.13 -0.31 0.00	21.83 -0.31 0.00	22.89 -0.68 0.00	22.33 -0.93 0.00	18.65 -0.88 0.00	16.71 -0.82 0.00	17.80 -0.82 0.00	18.30 -0.74 0.00	20.00 -0.77 0.00	21.56 -1.02 0.00	22.60 -1.06 0.00	26.31 -1.27 0.00	30.49 -1.98 0.00	39.47 -3.34 0.00	44.89 -3.38 0.00	46.48 -2.65 0.00	41.52 -2.46 0.00	37.63 -1.86 0.00	32.55 -0.94 0.00	28.20 -0.26 0.00
NIAGARA___115KV_198_GIBSON 55903	25.39 -0.62 0.00	23.62 -0.53 0.00	21.10 -0.77 0.00	20.78 -0.42 0.00	19.99 -0.45 0.00	21.54 -0.60 0.00	22.59 -0.99 0.00	22.00 -1.26 0.00	18.40 -1.13 0.00	16.47 -1.07 0.00	17.55 -1.06 0.00	18.05 -0.99 0.00	19.73 -1.04 0.00	21.27 -1.31 0.00	22.29 -1.37 0.00	25.95 -1.63 0.00	30.03 -2.44 0.00	38.87 -3.94 0.00	44.21 -4.05 0.00	45.84 -3.29 0.00	40.86 -3.12 0.00	37.04 -2.45 0.00	32.15 -1.34 0.00	27.83 -0.63 0.00
NIAGARA___ 23760	25.49 -0.52 0.00	23.64 -0.51 0.00	21.41 -0.46 0.00	20.78 -0.42 0.00	20.13 -0.31 0.00	21.83 -0.31 0.00	22.89 -0.68 0.00	22.33 -0.93 0.00	18.65 -0.88 0.00	16.71 -0.82 0.00	17.80 -0.82 0.00	18.30 -0.74 0.00	20.00 -0.77 0.00	21.56 -1.02 0.00	22.60 -1.06 0.00	26.31 -1.27 0.00	30.49 -1.98 0.00	39.47 -3.34 0.00	44.89 -3.38 0.00	46.48 -2.65 0.00	41.52 -2.46 0.00	37.63 -1.86 0.00	32.55 -0.94 0.00	28.20 -0.26 0.00
NINE_MILE_1 23575	25.24 -0.78 0.00	23.40 -0.75 0.00	21.19 -0.68 0.00	20.57 -0.64 0.00	19.84 -0.59 0.00	21.50 -0.64 0.00	22.85 -0.73 0.00	22.51 -0.75 0.00	18.89 -0.64 0.00	16.96 -0.58 0.00	18.00 -0.61 0.00	18.39 -0.65 0.00	20.06 -0.71 0.00	21.81 -0.77 0.00	22.76 -0.90 0.00	26.59 -0.99 0.00	31.27 -1.20 0.00	41.23 -1.58 0.00	46.53 -1.74 0.00	47.46 -1.67 0.00	42.44 -1.54 0.00	38.11 -1.38 0.00	32.42 -1.07 0.00	27.55 -0.91 0.00
NINE_MILE_2 23744	25.24 -0.78 0.00	23.40 -0.75 0.00	21.21 -0.66 0.00	20.57 -0.64 0.00	19.84 -0.59 0.00	21.50 -0.64 0.00	22.85 -0.73 0.00	22.51 -0.75 0.00	18.89 -0.64 0.00	16.96 -0.58 0.00	18.00 -0.61 0.00	18.39 -0.65 0.00	20.08 -0.68 0.00	21.81 -0.77 0.00	22.76 -0.90 0.00	26.59 -0.99 0.00	31.27 -1.20 0.00	41.23 -1.58 0.00	46.53 -1.74 0.00	47.46 -1.67 0.00	42.44 -1.54 0.00	38.11 -1.38 0.00	32.42 -1.07 0.00	27.55 -0.91 0.00
NM_CAPITAL___DRP 24208	26.15 0.13 0.00	24.27 0.12 0.00	22.04 0.17 0.00	21.33 0.13 0.00	20.56 0.12 0.00	22.23 0.09 0.00	23.70 0.12 0.00	23.42 0.16 0.00	19.73 0.20 0.00	17.71 0.18 0.00	18.78 0.17 0.00	19.21 0.17 0.00	20.93 0.17 0.00	22.78 0.20 0.00	23.92 0.26 0.00	27.74 0.19 0.03	32.73 0.26 0.00	43.24 0.43 0.00	48.65 0.39 0.00	49.33 0.20 0.00	44.16 0.18 0.00	39.69 0.20 0.00	33.49 0.00 0.00	28.40 -0.06 0.00
NM_CENTRAL___DRP 24181	25.62 -0.39 0.00	23.76 -0.39 0.00	21.52 -0.35 0.00	20.89 -0.32 0.00	20.13 -0.31 0.00	21.83 -0.31 0.00	23.20 -0.38 0.00	22.86 -0.40 0.00	19.16 -0.37 0.00	17.19 -0.35 0.00	18.24 -0.37 0.00	18.66 -0.38 0.00	20.35 -0.42 0.00	22.13 -0.45 0.00	23.12 -0.54 0.00	27.03 -0.55 0.00	31.82 -0.65 0.00	41.87 -0.94 0.00	47.25 -1.01 0.00	48.30 -0.84 0.00	43.19 -0.79 0.00	38.74 -0.75 0.00	33.02 -0.47 0.00	28.06 -0.40 0.00



NM_FRONTIER___DRP 24179	25.39 -0.62 0.00	23.62 -0.53 0.00	21.10 -0.77 0.00	20.78 -0.42 0.00	19.99 -0.45 0.00	21.54 -0.60 0.00	22.59 -0.99 0.00	22.00 -1.26 0.00	18.40 -1.13 0.00	16.47 -1.07 0.00	17.55 -1.06 0.00	18.05 -0.99 0.00	19.73 -1.04 0.00	21.27 -1.31 0.00	22.29 -1.37 0.00	25.95 -1.63 0.00	30.03 -2.44 0.00	38.87 -3.94 0.00	44.21 -4.05 0.00	45.84 -3.29 0.00	40.86 -3.12 0.00	37.04 -2.45 0.00	32.15 -1.34 0.00	27.83 -0.63 0.00
NM_ST_REGIS___HYD 24053	26.85 0.83 0.00	24.99 0.85 0.00	22.61 0.74 0.00	21.95 0.74 0.00	21.19 0.76 0.00	23.05 0.91 0.00	24.45 0.87 0.00	24.05 0.79 0.00	20.06 0.53 0.00	17.98 0.44 0.00	19.06 0.45 0.00	19.44 0.40 0.00	21.16 0.39 0.00	23.12 0.54 0.00	24.26 0.59 0.00	28.16 0.58 0.00	33.18 0.71 0.00	43.75 0.94 0.00	49.72 1.45 0.00	50.51 1.38 0.00	45.39 1.41 0.00	40.55 1.07 0.00	34.60 1.11 0.00	29.57 1.11 0.00
NORTHPORT___1 23551	26.72 0.70 0.00	24.66 0.51 0.00	22.33 0.46 0.00	21.48 0.27 0.00	20.56 0.12 0.00	22.28 0.13 0.00	23.81 0.24 0.00	23.72 0.46 0.00	20.55 1.02 0.00	18.49 0.95 0.00	19.66 1.04 -0.01	20.19 1.14 -0.01	22.06 1.29 -0.01	28.28 1.31 -4.40	31.99 1.44 -6.88	33.53 1.65 -4.29	36.77 1.72 -2.58	44.58 1.76 -0.01	49.91 1.64 0.00	50.06 0.93 0.01	44.94 0.97 0.01	40.40 0.91 0.00	34.70 1.20 0.00	29.14 0.68 0.00
NORTHPORT___2 23552	26.72 0.70 0.00	24.66 0.51 0.00	22.33 0.46 0.00	21.48 0.27 0.00	20.56 0.12 0.00	22.28 0.13 0.00	23.81 0.24 0.00	23.72 0.46 0.00	20.55 1.02 0.00	18.49 0.95 0.00	19.66 1.04 -0.01	20.19 1.14 -0.01	22.06 1.29 -0.01	28.28 1.31 -4.40	31.99 1.44 -6.88	33.53 1.65 -4.29	36.77 1.72 -2.58	44.58 1.76 -0.01	49.91 1.64 0.00	50.06 0.93 0.01	44.94 0.97 0.01	40.40 0.91 0.00	34.70 1.20 0.00	29.14 0.68 0.00
NORTHPORT___3 23553	27.16 1.14 0.00	25.07 0.92 0.00	22.67 0.81 0.00	21.84 0.64 0.00	20.91 0.47 0.00	22.65 0.51 0.00	24.22 0.64 0.00	24.10 0.84 0.00	20.80 1.27 0.00	18.75 1.21 0.00	19.96 1.34 -0.01	20.50 1.45 -0.01	22.40 1.62 -0.01	28.68 1.67 -4.44	32.46 1.85 -6.95	34.02 2.10 -4.34	37.39 2.31 -2.61	45.61 2.78 -0.02	51.21 2.94 0.00	51.40 2.26 0.00	46.05 2.07 0.00	41.46 1.97 0.00	35.30 1.81 0.00	29.65 1.19 0.00
NORTHPORT___4 23650	27.16 1.14 0.00	25.07 0.92 0.00	22.67 0.81 0.00	21.84 0.64 0.00	20.91 0.47 0.00	22.65 0.51 0.00	24.22 0.64 0.00	24.10 0.84 0.00	20.80 1.27 0.00	18.75 1.21 0.00	19.96 1.34 -0.01	20.50 1.45 -0.01	22.40 1.62 -0.01	28.68 1.67 -4.44	32.46 1.85 -6.95	34.02 2.10 -4.34	37.39 2.31 -2.61	45.61 2.78 -0.02	51.21 2.94 0.00	51.40 2.26 0.00	46.05 2.07 0.00	41.46 1.97 0.00	35.30 1.81 0.00	29.65 1.19 0.00
NORTHPORT___IC 23718	26.72 0.70 0.00	24.66 0.51 0.00	22.32 0.46 0.00	21.48 0.28 0.00	20.58 0.14 0.00	22.28 0.13 0.00	23.81 0.24 0.00	23.72 0.47 0.00	20.55 1.02 0.00	18.52 0.98 0.00	19.66 1.04 -0.01	20.19 1.14 -0.01	22.06 1.29 -0.01	28.28 1.31 -4.40	31.99 1.44 -6.88	33.53 1.65 -4.29	36.77 1.72 -2.58	44.58 1.76 -0.01	49.91 1.64 0.00	50.06 0.93 0.01	44.94 0.97 0.01	40.44 0.95 0.00	34.70 1.21 0.00	29.25 0.80 0.00
NORTH___COUNTRY_ESR 323785	26.64 0.62 0.00	24.75 0.60 0.00	22.39 0.52 0.00	21.73 0.53 0.00	20.97 0.53 0.00	22.79 0.64 0.00	24.26 0.68 0.00	23.89 0.63 0.00	19.98 0.45 0.00	17.94 0.40 0.00	19.02 0.41 0.00	19.42 0.38 0.00	21.16 0.39 0.00	23.05 0.47 0.00	24.18 0.52 0.00	28.19 0.61 0.00	33.18 0.71 0.00	43.75 0.94 0.00	49.57 1.30 0.00	50.31 1.18 0.00	45.08 1.10 0.00	40.43 0.95 0.00	34.26 0.77 0.00	29.17 0.71 0.00
NPX_GEN_1385_PROXY 323591	26.54 0.52 0.00	24.58 0.44 0.00	22.26 0.39 0.00	21.39 0.19 0.00	20.50 0.06 0.00	22.19 0.04 0.00	23.72 0.14 0.00	23.70 0.44 0.00	20.53 1.00 0.00	18.38 0.84 0.00	19.55 0.93 -0.01	20.08 1.03 -0.01	21.94 1.16 -0.01	28.03 1.06 -4.40	31.03 1.02 -6.35	33.06 1.19 -4.29	36.51 1.46 -2.58	44.58 1.76 -0.01	50.10 1.83 0.00	49.91 0.78 0.01	44.64 0.66 0.01	40.00 0.51 0.00	34.16 0.67 0.00	28.77 0.31 0.00
NPX_GEN_CSC 323557	26.56 0.55 0.00	24.49 0.34 0.00	22.21 0.35 0.00	21.35 0.15 0.00	20.39 -0.04 0.00	22.12 -0.02 0.00	23.60 0.02 0.00	23.54 0.28 0.00	20.64 1.11 0.00	18.59 1.05 0.00	19.57 0.95 -0.01	20.10 1.05 -0.01	21.98 1.20 -0.01	28.28 1.24 -4.46	32.06 1.42 -6.98	33.62 1.68 -4.36	37.03 1.95 -2.62	45.00 2.18 -0.01	50.44 2.17 0.00	50.56 1.43 0.00	45.39 1.41 0.00	40.71 1.23 0.00	34.66 1.17 0.00	29.00 0.54 0.00
NSINS_S_GLNS_FALLS 23858	27.32 1.30 0.00	25.36 1.21 0.00	23.02 1.16 0.00	22.31 1.10 0.00	21.44 1.00 0.00	23.29 1.15 0.00	24.78 1.20 0.00	24.45 1.19 0.00	20.37 0.84 0.00	18.19 0.65 0.00	19.12 0.50 0.00	19.50 0.46 0.00	21.22 0.46 0.00	23.12 0.54 0.00	24.30 0.64 0.00	28.37 0.83 0.04	33.73 1.27 0.00	45.12 2.31 0.00	51.02 2.75 0.00	52.03 2.90 0.00	46.58 2.60 0.00	41.74 2.25 0.00	35.33 1.84 0.00	29.85 1.39 0.00
NUCOR_STEEL___DRP 24197	25.94 -0.08 0.00	24.03 -0.12 0.00	21.76 -0.11 0.00	21.14 -0.06 0.00	20.33 -0.10 0.00	22.10 -0.04 0.00	23.44 -0.14 0.00	23.07 -0.19 0.00	19.30 -0.23 0.00	17.31 -0.23 0.00	18.35 -0.26 0.00	18.79 -0.25 0.00	20.50 -0.27 0.00	22.26 -0.32 0.00	23.29 -0.38 0.00	27.28 -0.30 0.00	32.11 -0.36 0.00	42.38 -0.43 0.00	47.83 -0.43 0.00	48.99 -0.15 0.00	43.76 -0.22 0.00	39.21 -0.28 0.00	33.46 -0.03 0.00	28.43 -0.03 0.00
NUMBER_THREE_WT_PWR 323818	26.59 0.57 0.00	24.75 0.60 0.00	22.46 0.59 0.00	21.80 0.59 0.00	21.01 0.57 0.00	22.79 0.64 0.00	24.24 0.66 0.00	23.84 0.58 0.00	19.81 0.27 0.00	17.73 0.19 0.00	18.78 0.17 0.00	19.14 0.10 0.00	20.81 0.04 0.00	22.69 0.11 0.00	23.88 0.21 0.00	27.91 0.33 0.00	32.95 0.49 0.00	43.67 0.86 0.00	49.47 1.21 0.00	50.81 1.67 0.00	45.52 1.54 0.00	40.71 1.23 0.00	34.53 1.04 0.00	29.37 0.91 0.00
NYISO_LBMP_REFERENCE 24008	26.01 0.00 0.00	24.15 0.00 0.00	21.87 0.00 0.00	21.20 0.00 0.00	20.43 0.00 0.00	22.14 0.00 0.00	23.58 0.00 0.00	23.26 0.00 0.00	19.53 0.00 0.00	17.54 0.00 0.00	18.61 0.00 0.00	19.04 0.00 0.00	20.77 0.00 0.00	22.58 0.00 0.00	23.66 0.00 0.00	27.58 0.00 0.00	32.47 0.00 0.00	42.81 0.00 0.00	48.27 0.00 0.00	49.13 0.00 0.00	43.98 0.00 0.00	39.49 0.00 0.00	33.49 0.00 0.00	28.46 0.00 0.00
NYPA_BRENTWD____GT 24164	27.06 1.04 0.00	24.97 0.82 0.00	22.61 0.74 0.00	21.73 0.53 0.00	20.80 0.37 0.00	22.54 0.40 0.00	24.10 0.52 0.00	24.00 0.74 0.00	20.80 1.27 0.00	18.73 1.19 0.00	19.93 1.30 -0.01	20.46 1.41 -0.01	22.38 1.60 -0.01	28.76 1.65 -4.53	32.61 1.85 -7.10	34.16 2.15 -4.43	37.50 2.37 -2.66	45.57 2.74 -0.01	51.02 2.75 0.00	51.20 2.06 0.00	45.92 1.93 0.00	41.27 1.78 0.00	35.23 1.74 0.00	29.54 1.08 0.00



NYPA_GOWANUS____GT5 24156	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
NYPA_GOWANUS____GT6 24157	27.06 1.04 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.07 0.63 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.90 2.10 0.01	50.38 2.12 0.01	50.99 1.87 0.01	45.74 1.76 0.01	41.02 1.54 0.01	35.03 1.54 0.00	29.71 1.25 0.00
NYPA_HARLEM__RVR__GT1 24160	26.95 0.94 0.00	24.90 0.75 0.00	22.48 0.61 0.00	21.73 0.53 0.00	20.99 0.55 0.00	22.30 0.16 0.00	23.85 0.28 0.01	23.79 0.54 0.01	20.34 0.82 0.01	18.41 0.88 0.01	19.63 1.02 0.01	20.19 1.16 0.01	22.07 1.31 0.01	23.92 1.35 0.01	25.17 1.52 0.01	29.24 1.63 -0.04	34.28 1.82 0.01	44.56 1.76 0.01	49.90 1.64 0.01	50.45 1.33 0.01	45.25 1.28 0.01	40.82 1.34 0.01	34.70 1.20 0.00	29.51 1.05 0.00
NYPA_HARLEM__RVR__GT2 24161	26.95 0.94 0.00	24.90 0.75 0.00	22.48 0.61 0.00	21.73 0.53 0.00	20.99 0.55 0.00	22.30 0.16 0.00	23.85 0.28 0.01	23.79 0.54 0.01	20.34 0.82 0.01	18.41 0.88 0.01	19.63 1.02 0.01	20.19 1.16 0.01	22.07 1.31 0.01	23.92 1.35 0.01	25.17 1.52 0.01	29.24 1.63 -0.04	34.28 1.82 0.01	44.56 1.76 0.01	49.90 1.64 0.01	50.45 1.33 0.01	45.25 1.28 0.01	40.82 1.34 0.01	34.70 1.20 0.00	29.51 1.05 0.00
NYPA_KENT____GT 24152	27.00 0.99 0.00	24.97 0.82 0.00	22.54 0.68 0.00	21.82 0.62 0.00	21.03 0.59 0.00	22.41 0.27 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.41 0.88 0.00	18.45 0.91 0.00	19.67 1.06 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.30 1.63 0.00	29.41 1.79 0.00	34.48 2.01 0.00	44.90 2.10 0.01	50.29 2.03 0.01	50.89 1.77 0.01	45.65 1.67 0.01	41.02 1.54 0.01	34.93 1.44 0.00	29.62 1.17 0.00
NYPA_POUCH1____GT 24155	27.08 1.07 0.00	25.07 0.92 0.00	22.61 0.74 0.00	21.90 0.70 0.00	21.11 0.67 0.00	22.36 0.22 0.00	23.95 0.38 0.00	23.93 0.67 0.00	20.41 0.88 0.00	18.45 0.91 0.00	19.67 1.06 0.00	20.26 1.22 0.00	22.18 1.41 0.00	24.07 1.49 0.00	25.34 1.68 0.00	29.47 1.85 -0.04	34.58 2.11 0.00	44.82 2.01 0.01	50.19 1.93 0.01	50.80 1.67 0.01	45.56 1.58 0.01	40.86 1.38 0.01	35.13 1.64 0.00	29.77 1.31 0.00
NYPA_VERNON____GT2 24162	26.93 0.91 0.00	24.92 0.77 0.00	22.50 0.63 0.00	21.78 0.57 0.00	20.99 0.55 0.00	22.41 0.27 0.00	24.00 0.42 0.00	23.91 0.65 0.00	20.41 0.88 0.00	18.45 0.91 0.00	19.67 1.06 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.02 1.45 0.00	25.27 1.61 0.00	29.39 1.77 -0.04	34.41 1.95 0.00	44.86 2.05 0.01	50.19 1.93 0.01	50.80 1.67 0.01	45.56 1.58 0.01	41.02 1.54 0.01	34.83 1.34 0.00	29.54 1.08 0.00
NYPA_VERNON____GT3 24163	26.93 0.91 0.00	24.92 0.77 0.00	22.50 0.63 0.00	21.78 0.57 0.00	20.99 0.55 0.00	22.41 0.27 0.00	24.00 0.42 0.00	23.91 0.65 0.00	20.41 0.88 0.00	18.45 0.91 0.00	19.67 1.06 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.02 1.45 0.00	25.27 1.61 0.00	29.39 1.77 -0.04	34.41 1.95 0.00	44.86 2.05 0.01	50.19 1.93 0.01	50.80 1.67 0.01	45.56 1.58 0.01	41.02 1.54 0.01	34.83 1.34 0.00	29.54 1.08 0.00
NYPA____ASTORIA_CC1 323568	26.93 0.91 0.00	24.92 0.77 0.00	22.50 0.63 0.00	21.75 0.55 0.00	20.99 0.55 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.89 0.63 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.24 1.20 0.00	22.14 1.37 0.00	24.00 1.42 0.00	25.25 1.59 0.00	29.33 1.71 -0.04	34.38 1.92 0.00	44.77 1.97 0.01	50.09 1.83 0.01	50.70 1.57 0.01	45.47 1.50 0.01	40.94 1.46 0.01	34.80 1.30 0.00	29.54 1.08 0.00
NYPA____ASTORIA_CC2 323569	26.93 0.91 0.00	24.92 0.77 0.00	22.50 0.63 0.00	21.75 0.55 0.00	20.99 0.55 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.89 0.63 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.24 1.20 0.00	22.14 1.37 0.00	24.00 1.42 0.00	25.25 1.59 0.00	29.33 1.71 -0.04	34.38 1.92 0.00	44.77 1.97 0.01	50.09 1.83 0.01	50.70 1.57 0.01	45.47 1.50 0.01	40.94 1.46 0.01	34.80 1.30 0.00	29.54 1.08 0.00
NYPA____HOLTSVILL 23794	26.85 0.83 0.00	24.75 0.60 0.00	22.43 0.57 0.00	21.56 0.36 0.00	20.64 0.20 0.00	22.36 0.22 0.00	23.88 0.31 0.00	23.82 0.56 0.00	20.70 1.17 0.00	18.63 1.09 0.00	19.78 1.15 -0.01	20.29 1.24 -0.01	22.19 1.41 -0.01	28.48 1.45 -4.45	32.27 1.63 -6.97	33.83 1.90 -4.35	37.23 2.14 -2.62	45.26 2.44 -0.01	50.68 2.41 0.00	50.85 1.72 0.00	45.65 1.67 0.00	40.99 1.50 0.00	34.96 1.47 0.00	29.31 0.85 0.00
NYPA____HELLGATE_GT1 24158	26.95 0.94 0.00	24.90 0.75 0.00	22.48 0.61 0.00	21.73 0.53 0.00	20.99 0.55 0.00	22.30 0.16 0.00	23.85 0.28 0.01	23.79 0.54 0.01	20.34 0.82 0.01	18.41 0.88 0.01	19.63 1.02 0.01	20.19 1.16 0.01	22.07 1.31 0.01	23.92 1.35 0.01	25.17 1.52 0.01	29.24 1.63 -0.04	34.28 1.82 0.01	44.56 1.76 0.01	49.90 1.64 0.01	50.45 1.33 0.01	45.25 1.28 0.01	40.82 1.34 0.01	34.70 1.20 0.00	29.51 1.05 0.00
NYPA____HELLGATE_GT2 24159	26.95 0.94 0.00	24.90 0.75 0.00	22.48 0.61 0.00	21.73 0.53 0.00	20.99 0.55 0.00	22.30 0.16 0.00	23.85 0.28 0.01	23.79 0.54 0.01	20.34 0.82 0.01	18.41 0.88 0.01	19.63 1.02 0.01	20.19 1.16 0.01	22.07 1.31 0.01	23.92 1.35 0.01	25.17 1.52 0.01	29.24 1.63 -0.04	34.28 1.82 0.01	44.56 1.76 0.01	49.90 1.64 0.01	50.45 1.33 0.01	45.25 1.28 0.01	40.82 1.34 0.01	34.70 1.20 0.00	29.51 1.05 0.00
NYS_BARGE____HYD 23848	25.57 -0.44 0.00	23.88 -0.27 0.00	21.47 -0.39 0.00	20.86 -0.34 0.00	20.37 -0.06 0.00	22.12 -0.02 0.00	23.11 -0.47 0.00	22.44 -0.81 0.00	18.73 -0.80 0.00	16.77 -0.77 0.00	17.85 -0.76 0.00	18.36 -0.68 0.00	20.06 -0.71 0.00	21.67 -0.90 0.00	22.69 -0.97 0.00	26.48 -1.10 0.00	30.68 -1.79 0.00	39.77 -3.04 0.00	45.27 -2.99 0.00	46.97 -2.16 0.00	41.83 -2.15 0.00	37.91 -1.58 0.00	32.79 -0.70 0.00	28.54 0.09 0.00
OAK ORCHARD____HYD 24046	25.81 -0.21 0.00	23.88 -0.27 0.00	21.65 -0.22 0.00	21.03 -0.17 0.00	20.29 -0.14 0.00	22.05 -0.09 0.00	23.32 -0.26 0.00	22.89 -0.37 0.00	19.10 -0.43 0.00	17.12 -0.42 0.00	18.17 -0.45 0.00	18.64 -0.40 0.00	20.37 -0.40 0.00	22.06 -0.52 0.00	23.05 -0.62 0.00	27.00 -0.58 0.00	31.56 -0.91 0.00	41.36 -1.46 0.00	46.87 -1.40 0.00	48.25 -0.88 0.00	43.15 -0.84 0.00	38.78 -0.71 0.00	33.29 -0.20 0.00	28.49 0.03 0.00



OAKDALE___35_KV_LOAD 356122	25.96 -0.05 0.00	24.08 -0.07 0.00	21.82 -0.04 0.00	21.16 -0.04 0.00	20.37 -0.06 0.00	22.12 -0.02 0.00	23.48 -0.09 0.00	23.10 -0.16 0.00	19.34 -0.20 0.00	17.35 -0.19 0.00	18.45 -0.17 0.00	18.89 -0.15 0.00	20.62 -0.15 0.00	22.35 -0.23 0.00	23.47 -0.19 0.00	27.41 -0.17 0.00	32.17 -0.29 0.00	42.30 -0.51 0.00	47.78 -0.48 0.00	48.99 -0.15 0.00	43.72 -0.26 0.00	39.25 -0.24 0.00	33.46 -0.03 0.00	28.51 0.06 0.00
OCC_CHEM___DRP 24175	25.44 -0.57 0.00	23.67 -0.48 0.00	21.17 -0.70 0.00	20.80 -0.40 0.00	20.01 -0.43 0.00	21.61 -0.53 0.00	22.64 -0.94 0.00	22.07 -1.19 0.00	18.44 -1.09 0.00	16.50 -1.03 0.00	17.59 -1.02 0.00	18.09 -0.95 0.00	19.77 -1.00 0.00	21.34 -1.24 0.00	22.36 -1.30 0.00	26.04 -1.54 0.00	30.13 -2.34 0.00	38.96 -3.85 0.00	44.31 -3.96 0.00	45.94 -3.19 0.00	40.99 -2.99 0.00	37.12 -2.37 0.00	32.22 -1.27 0.00	27.89 -0.57 0.00
OH_GEN_PROXY 24063	25.47 -0.55 0.00	23.62 -0.53 0.00	21.41 -0.46 0.00	20.78 -0.42 0.00	20.11 -0.33 0.00	21.83 -0.31 0.00	22.89 -0.68 0.00	22.35 -0.91 0.00	18.67 -0.86 0.00	16.73 -0.81 0.00	17.81 -0.80 0.00	18.30 -0.74 0.00	20.00 -0.77 0.00	21.58 -0.99 0.00	22.62 -1.04 0.00	26.37 -1.21 0.00	30.52 -1.95 0.00	39.60 -3.21 0.00	44.98 -3.28 0.00	46.63 -2.50 0.00	41.61 -2.38 0.00	37.71 -1.78 0.00	32.59 -0.90 0.00	28.20 -0.26 0.00
OLIN_CORP_DRP 24177	25.26 -0.75 0.00	23.45 -0.70 0.00	21.47 -0.39 0.00	20.63 -0.57 0.00	19.84 -0.59 0.00	21.92 -0.22 0.00	22.87 -0.71 0.00	22.17 -1.09 0.00	18.52 -1.02 0.00	16.57 -0.96 0.00	17.65 -0.97 0.00	18.15 -0.89 0.00	19.85 -0.91 0.00	21.40 -1.17 0.00	22.43 -1.23 0.00	26.15 -1.43 0.00	30.26 -2.21 0.00	39.17 -3.64 0.00	44.60 -3.67 0.00	46.24 -2.90 0.00	41.21 -2.77 0.00	37.32 -2.17 0.00	32.39 -1.11 0.00	28.23 -0.23 0.00
OLIN_CORP_DSASP 323712	25.47 -0.55 0.00	23.38 -0.77 0.00	21.43 -0.44 0.00	20.80 -0.40 0.00	19.90 -0.53 0.00	21.61 -0.53 0.00	22.63 -0.94 0.00	22.07 -1.19 0.00	18.44 -1.09 0.00	16.52 -1.02 0.00	17.59 -1.02 0.00	18.09 -0.95 0.00	19.77 -1.00 0.00	21.34 -1.24 0.00	22.36 -1.30 0.00	26.04 -1.54 0.00	30.13 -2.34 0.00	39.00 -3.81 0.00	44.31 -3.96 0.00	45.94 -3.19 0.00	40.99 -2.99 0.00	37.24 -2.25 0.00	32.22 -1.27 0.00	27.92 -0.54 0.00
ONEIDA_HERK_LFGE 323681	26.46 0.44 0.00	24.63 0.48 0.00	22.33 0.46 0.00	21.65 0.45 0.00	20.88 0.45 0.00	22.61 0.47 0.00	24.07 0.50 0.00	23.72 0.46 0.00	19.77 0.24 0.00	17.71 0.18 0.00	18.78 0.17 0.00	19.16 0.11 0.00	20.85 0.08 0.00	22.74 0.16 0.00	23.90 0.24 0.00	27.91 0.33 0.00	32.92 0.45 0.00	43.58 0.77 0.00	49.28 1.02 0.00	50.51 1.37 0.00	45.21 1.23 0.00	40.48 0.99 0.00	34.29 0.80 0.00	29.14 0.68 0.00
ONEIDA___115KV_TB4 55905	26.41 0.39 0.00	24.56 0.41 0.00	22.26 0.39 0.00	21.61 0.40 0.00	20.82 0.39 0.00	22.56 0.42 0.00	24.00 0.42 0.00	23.63 0.37 0.00	19.73 0.20 0.00	17.68 0.14 0.00	18.74 0.13 0.00	19.14 0.10 0.00	20.85 0.08 0.00	22.69 0.11 0.00	23.85 0.19 0.00	27.88 0.30 0.00	32.86 0.39 0.00	43.45 0.64 0.00	49.09 0.82 0.00	50.31 1.18 0.00	44.99 1.01 0.00	40.28 0.79 0.00	34.19 0.70 0.00	29.05 0.60 0.00
ONONDAGA_REF_OCCRA 23987	25.73 -0.29 0.00	23.86 -0.29 0.00	21.60 -0.26 0.00	20.97 -0.23 0.00	20.19 -0.25 0.00	21.92 -0.22 0.00	23.27 -0.31 0.00	22.93 -0.33 0.00	19.22 -0.31 0.00	17.24 -0.30 0.00	18.30 -0.32 0.00	18.72 -0.32 0.00	20.41 -0.35 0.00	22.19 -0.38 0.00	23.21 -0.45 0.00	27.14 -0.44 0.00	31.95 -0.52 0.00	42.08 -0.73 0.00	47.49 -0.77 0.00	48.59 -0.54 0.00	43.41 -0.57 0.00	38.94 -0.55 0.00	33.16 -0.33 0.00	28.17 -0.28 0.00
ONONDAGA___COGEN 23986	25.75 -0.26 0.00	23.88 -0.27 0.00	21.62 -0.24 0.00	20.99 -0.21 0.00	20.21 -0.22 0.00	21.94 -0.20 0.00	23.30 -0.28 0.00	22.96 -0.30 0.00	19.22 -0.31 0.00	17.26 -0.28 0.00	18.30 -0.32 0.00	18.72 -0.32 0.00	20.41 -0.35 0.00	22.19 -0.38 0.00	23.21 -0.45 0.00	27.14 -0.44 0.00	31.98 -0.49 0.00	42.13 -0.68 0.00	47.54 -0.72 0.00	48.64 -0.49 0.00	43.46 -0.53 0.00	38.98 -0.51 0.00	33.19 -0.30 0.00	28.20 -0.26 0.00
ONTARIO___LFGE 23819	26.07 0.05 0.00	24.12 -0.02 0.00	21.84 -0.02 0.00	21.25 0.04 0.00	20.48 0.04 0.00	22.30 0.16 0.00	23.60 0.02 0.00	23.17 -0.09 0.00	19.30 -0.23 0.00	17.29 -0.25 0.00	18.32 -0.30 0.00	18.77 -0.27 0.00	20.48 -0.29 0.00	22.21 -0.36 0.00	23.28 -0.38 0.00	27.33 -0.25 0.00	32.11 -0.36 0.00	42.13 -0.69 0.00	47.78 -0.48 0.00	49.13 0.00 0.00	43.81 -0.18 0.00	39.25 -0.24 0.00	33.69 0.20 0.00	28.74 0.28 0.00
ORANGEVILLE_WT_PWR 323706	25.86 -0.16 0.00	23.98 -0.17 0.00	21.69 -0.18 0.00	21.08 -0.13 0.00	20.41 -0.02 0.00	22.19 0.04 0.00	23.32 -0.26 0.00	22.73 -0.53 0.00	18.87 -0.66 0.00	16.87 -0.67 0.00	17.94 -0.67 0.00	18.45 -0.59 0.00	20.17 -0.60 0.00	21.81 -0.77 0.00	22.88 -0.78 0.00	26.72 -0.86 0.00	31.07 -1.40 0.00	40.46 -2.35 0.00	46.14 -2.12 0.00	47.91 -1.23 0.00	42.62 -1.36 0.00	38.50 -0.99 0.00	33.19 -0.30 0.00	28.63 0.17 0.00
ORANGEVILLE___ESR 323794	25.86 -0.16 0.00	23.98 -0.17 0.00	21.69 -0.18 0.00	21.08 -0.13 0.00	20.41 -0.02 0.00	22.19 0.04 0.00	23.32 -0.26 0.00	22.73 -0.53 0.00	18.87 -0.66 0.00	16.87 -0.67 0.00	17.94 -0.67 0.00	18.45 -0.59 0.00	20.17 -0.60 0.00	21.81 -0.77 0.00	22.88 -0.78 0.00	26.72 -0.86 0.00	31.07 -1.40 0.00	40.46 -2.35 0.00	46.14 -2.12 0.00	47.91 -1.23 0.00	42.62 -1.36 0.00	38.50 -0.99 0.00	33.19 -0.30 0.00	28.63 0.17 0.00
OSWEGATCHIE___HYD 24044	26.64 0.62 0.00	24.80 0.65 0.00	22.48 0.61 0.00	21.82 0.62 0.00	21.05 0.61 0.00	22.85 0.71 0.00	24.26 0.68 0.00	23.86 0.60 0.00	19.84 0.31 0.00	17.77 0.23 0.00	18.84 0.22 0.00	19.17 0.13 0.00	20.87 0.10 0.00	22.78 0.20 0.00	23.95 0.28 0.00	27.88 0.30 0.00	32.89 0.42 0.00	43.50 0.68 0.00	49.33 1.06 0.00	50.46 1.33 0.00	45.30 1.32 0.00	40.56 1.07 0.00	34.46 0.97 0.00	29.39 0.94 0.00
OSWEGO___5 23606	25.42 -0.60 0.00	23.57 -0.58 0.00	21.34 -0.52 0.00	20.72 -0.49 0.00	19.97 -0.47 0.00	21.63 -0.51 0.00	23.01 -0.57 0.00	22.65 -0.60 0.00	19.01 -0.53 0.00	17.07 -0.47 0.00	18.11 -0.50 0.00	18.53 -0.51 0.00	20.21 -0.56 0.00	21.94 -0.63 0.00	22.93 -0.73 0.00	26.78 -0.80 0.00	31.52 -0.94 0.00	41.53 -1.28 0.00	46.87 -1.40 0.00	47.86 -1.28 0.00	42.80 -1.19 0.00	38.38 -1.11 0.00	32.66 -0.84 0.00	27.77 -0.68 0.00
OSWEGO___6 23613	25.42 -0.60 0.00	23.57 -0.58 0.00	21.34 -0.52 0.00	20.72 -0.49 0.00	19.97 -0.47 0.00	21.63 -0.51 0.00	23.01 -0.57 0.00	22.65 -0.60 0.00	19.01 -0.53 0.00	17.07 -0.47 0.00	18.11 -0.50 0.00	18.53 -0.51 0.00	20.21 -0.56 0.00	21.94 -0.63 0.00	22.93 -0.73 0.00	26.78 -0.80 0.00	31.52 -0.94 0.00	41.53 -1.28 0.00	46.87 -1.40 0.00	47.86 -1.28 0.00	42.80 -1.19 0.00	38.38 -1.11 0.00	32.66 -0.84 0.00	27.77 -0.68 0.00



OUTOKUMPU-AB___DRP 24206	25.78 -0.23 0.00	23.96 -0.19 0.00	21.65 -0.22 0.00	21.08 -0.13 0.00	20.27 -0.16 0.00	22.12 -0.02 0.00	23.18 -0.40 0.00	22.56 -0.70 0.00	18.83 -0.70 0.00	16.87 -0.67 0.00	17.96 -0.65 0.00	18.49 -0.55 0.00	20.21 -0.56 0.00	21.83 -0.75 0.00	22.88 -0.78 0.00	26.70 -0.88 0.00	30.91 -1.56 0.00	40.03 -2.78 0.00	45.56 -2.70 0.00	47.27 -1.87 0.00	42.09 -1.89 0.00	38.07 -1.42 0.00	32.99 -0.50 0.00	28.57 0.11 0.00
OXBOW___BTM 323836	25.68 -0.34 0.00	23.67 -0.48 0.00	21.58 -0.28 0.00	20.97 -0.23 0.00	20.15 -0.29 0.00	21.90 -0.24 0.00	22.94 -0.64 0.00	22.35 -0.91 0.00	18.67 -0.86 0.00	16.73 -0.81 0.00	17.81 -0.80 0.00	18.32 -0.72 0.00	20.02 -0.75 0.00	21.63 -0.95 0.00	22.65 -1.02 0.00	26.42 -1.16 0.00	30.58 -1.88 0.00	39.60 -3.21 0.00	45.03 -3.23 0.00	46.73 -2.41 0.00	41.61 -2.38 0.00	37.75 -1.74 0.00	32.66 -0.84 0.00	28.29 -0.17 0.00
OXBOW___ 24026	25.65 -0.36 0.00	23.83 -0.31 0.00	21.43 -0.44 0.00	20.97 -0.23 0.00	20.17 -0.27 0.00	21.90 -0.24 0.00	22.94 -0.64 0.00	22.35 -0.91 0.00	18.67 -0.86 0.00	16.71 -0.82 0.00	17.81 -0.80 0.00	18.32 -0.72 0.00	20.02 -0.75 0.00	21.63 -0.95 0.00	22.65 -1.02 0.00	26.42 -1.16 0.00	30.58 -1.88 0.00	39.60 -3.21 0.00	45.03 -3.23 0.00	46.73 -2.41 0.00	41.61 -2.38 0.00	37.67 -1.82 0.00	32.65 -0.84 0.00	28.29 -0.17 0.00
OXY_CHEM_DSASP 323612	25.44 -0.57 0.00	23.67 -0.48 0.00	21.17 -0.70 0.00	20.80 -0.40 0.00	20.01 -0.43 0.00	21.61 -0.53 0.00	22.64 -0.94 0.00	22.07 -1.19 0.00	18.44 -1.09 0.00	16.50 -1.03 0.00	17.59 -1.02 0.00	18.09 -0.95 0.00	19.77 -1.00 0.00	21.34 -1.24 0.00	22.36 -1.30 0.00	26.04 -1.54 0.00	30.13 -2.34 0.00	38.96 -3.85 0.00	44.31 -3.96 0.00	45.94 -3.19 0.00	40.99 -2.99 0.00	37.12 -2.37 0.00	32.22 -1.27 0.00	27.89 -0.57 0.00
OZONE_PARK_ESR 323760	27.03 1.01 0.00	24.99 0.85 0.00	22.59 0.72 0.00	21.84 0.64 0.00	21.03 0.59 0.00	22.67 0.53 0.00	24.31 0.73 0.00	24.14 0.88 0.00	20.57 1.04 0.00	18.57 1.03 0.00	19.79 1.17 0.00	20.35 1.31 0.00	22.26 1.50 0.00	24.13 1.56 0.00	25.42 1.75 0.00	29.58 1.96 -0.04	34.71 2.24 0.00	45.51 2.70 0.00	50.92 2.65 0.00	51.54 2.41 0.00	46.27 2.29 0.00	41.70 2.21 0.00	35.10 1.61 0.00	29.65 1.20 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.44 -0.57 0.00	23.67 -0.48 0.00	21.17 -0.70 0.00	20.80 -0.40 0.00	20.01 -0.43 0.00	21.61 -0.53 0.00	22.64 -0.94 0.00	22.07 -1.19 0.00	18.44 -1.09 0.00	16.50 -1.03 0.00	17.59 -1.02 0.00	18.09 -0.95 0.00	19.77 -1.00 0.00	21.34 -1.24 0.00	22.36 -1.30 0.00	26.04 -1.54 0.00	30.13 -2.34 0.00	38.96 -3.85 0.00	44.31 -3.96 0.00	45.94 -3.19 0.00	40.99 -2.99 0.00	37.12 -2.37 0.00	32.22 -1.27 0.00	27.89 -0.57 0.00
PACKARD__115KV_DUPONT_184 80571	25.44 -0.57 0.00	23.67 -0.48 0.00	21.17 -0.70 0.00	20.80 -0.40 0.00	20.01 -0.43 0.00	21.61 -0.53 0.00	22.64 -0.94 0.00	22.07 -1.19 0.00	18.44 -1.09 0.00	16.50 -1.03 0.00	17.59 -1.02 0.00	18.09 -0.95 0.00	19.77 -1.00 0.00	21.34 -1.24 0.00	22.36 -1.30 0.00	26.04 -1.54 0.00	30.13 -2.34 0.00	38.96 -3.85 0.00	44.31 -3.96 0.00	45.94 -3.19 0.00	40.99 -2.99 0.00	37.12 -2.37 0.00	32.22 -1.27 0.00	27.89 -0.57 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	26.95 0.94 0.00	24.92 0.77 0.00	22.50 0.63 0.00	21.75 0.55 0.00	21.01 0.57 0.00	22.32 0.18 0.00	23.88 0.31 0.00	23.79 0.53 0.00	20.31 0.78 0.00	18.38 0.84 0.00	19.58 0.97 0.00	20.16 1.12 0.00	22.06 1.29 0.00	23.91 1.33 0.00	25.16 1.49 0.00	29.22 1.60 -0.04	34.25 1.79 0.00	44.65 1.84 0.00	49.96 1.69 0.00	50.56 1.42 0.00	45.30 1.32 0.00	40.95 1.46 0.00	34.70 1.21 0.00	29.51 1.05 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	27.11 1.09 0.00	25.09 0.94 0.00	22.67 0.81 0.00	21.88 0.68 0.00	21.13 0.69 0.00	22.45 0.31 0.00	24.00 0.42 0.00	23.91 0.65 0.00	20.41 0.88 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.24 1.20 0.00	22.14 1.37 0.00	24.00 1.42 0.00	25.25 1.59 0.00	29.33 1.71 -0.04	34.38 1.92 0.00	44.82 2.01 0.00	50.15 1.88 0.00	50.76 1.62 0.00	45.52 1.54 0.00	41.15 1.66 0.00	34.90 1.41 0.00	29.68 1.22 0.00
PATROON__115KV_TB1 80586	26.15 0.13 0.00	24.29 0.14 0.00	22.06 0.20 0.00	21.35 0.15 0.00	20.56 0.12 0.00	22.25 0.11 0.00	23.72 0.14 0.00	23.45 0.19 0.00	19.71 0.18 0.00	17.70 0.16 0.00	18.76 0.15 0.00	19.19 0.15 0.00	20.91 0.15 0.00	22.76 0.18 0.00	23.90 0.24 0.00	27.74 0.19 0.03	32.76 0.29 0.00	43.28 0.47 0.00	48.70 0.43 0.00	49.38 0.25 0.00	44.20 0.22 0.00	39.73 0.24 0.00	33.56 0.07 0.00	28.43 -0.03 0.00
PATTRSNVILLE___SOLAR 323815	26.64 0.62 0.00	24.73 0.58 0.00	22.41 0.55 0.00	21.71 0.51 0.00	20.91 0.47 0.00	22.70 0.55 0.00	24.17 0.59 0.00	23.77 0.51 0.00	19.83 0.29 0.00	17.68 0.14 0.00	18.67 0.06 0.00	19.06 0.02 0.00	20.79 0.02 0.00	22.64 0.07 0.00	23.83 0.17 0.00	27.86 0.30 0.03	33.08 0.62 0.00	43.92 1.11 0.00	49.67 1.40 0.00	50.61 1.47 0.00	45.30 1.32 0.00	40.63 1.15 0.00	34.40 0.90 0.00	29.14 0.68 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	25.68 -0.34 0.00	23.83 -0.31 0.00	21.62 -0.24 0.00	20.95 -0.25 0.00	20.17 -0.27 0.00	22.10 -0.04 0.00	23.22 -0.35 0.00	22.58 -0.67 0.00	18.85 -0.68 0.00	16.87 -0.67 0.00	18.00 -0.61 0.00	18.53 -0.51 0.00	20.25 -0.52 0.00	21.85 -0.72 0.00	22.93 -0.73 0.00	26.78 -0.80 0.00	31.04 -1.43 0.00	40.29 -2.53 0.00	45.90 -2.37 0.00	47.66 -1.47 0.00	42.31 -1.67 0.00	38.19 -1.30 0.00	32.99 -0.50 0.00	28.51 0.06 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	26.82 0.81 0.00	24.80 0.65 0.00	22.48 0.61 0.00	21.71 0.51 0.00	20.93 0.49 0.00	22.61 0.46 0.00	24.21 0.64 0.00	23.96 0.70 0.00	20.29 0.76 0.00	18.26 0.72 0.00	19.45 0.84 0.00	19.94 0.89 0.00	21.89 1.12 0.00	23.75 1.17 0.00	24.99 1.33 0.00	29.11 1.49 -0.04	34.19 1.72 0.00	45.04 2.23 0.00	50.44 2.17 0.00	51.20 2.06 0.00	45.79 1.80 0.00	41.23 1.74 0.00	34.76 1.27 0.00	29.37 0.91 0.00
PEEKSKILL___ 23653	26.61 0.60 0.00	24.66 0.51 0.00	22.30 0.44 0.00	21.56 0.36 0.00	20.74 0.31 0.00	22.43 0.29 0.00	24.00 0.42 0.00	23.82 0.56 0.00	20.22 0.68 0.00	18.21 0.67 0.00	19.41 0.80 0.00	19.94 0.90 0.00	21.83 1.06 0.00	23.66 1.08 0.00	24.92 1.25 0.00	29.00 1.38 -0.04	34.03 1.56 0.00	44.69 1.88 0.00	50.05 1.79 0.00	50.71 1.57 0.00	45.43 1.45 0.00	40.87 1.38 0.00	34.50 1.00 0.00	29.17 0.71 0.00
PGE MADISON___WINDPWR 24146	27.47 1.46 0.00	25.60 1.45 0.00	23.22 1.36 0.00	22.54 1.34 0.00	21.72 1.29 0.00	23.54 1.40 0.00	24.97 1.39 0.00	24.49 1.23 0.00	20.18 0.64 0.00	17.99 0.46 0.00	19.01 0.39 0.00	19.40 0.36 0.00	21.06 0.29 0.00	23.03 0.45 0.00	24.35 0.69 0.00	28.63 1.05 0.00	33.83 1.36 0.00	45.04 2.22 0.00	51.11 2.85 0.00	53.02 3.88 0.00	47.32 3.34 0.00	42.29 2.80 0.00	35.84 2.34 0.00	30.45 1.99 0.00



PIERCEFIELD___HYD 23852	26.77 0.75 0.00	24.90 0.75 0.00	22.54 0.68 0.00	21.88 0.68 0.00	21.11 0.67 0.00	22.96 0.82 0.00	24.33 0.75 0.00	23.93 0.67 0.00	19.94 0.41 0.00	17.89 0.35 0.00	18.97 0.35 0.00	19.33 0.29 0.00	21.06 0.29 0.00	22.98 0.41 0.00	24.11 0.45 0.00	27.97 0.39 0.00	32.99 0.52 0.00	43.45 0.64 0.00	49.33 1.06 0.00	50.17 1.03 0.00	45.13 1.14 0.00	40.36 0.87 0.00	34.46 0.97 0.00	29.48 1.02 0.00
PINELAWN_CC_1 323563	27.06 1.04 0.00	24.97 0.82 0.00	22.59 0.72 0.00	21.73 0.53 0.00	20.80 0.37 0.00	22.54 0.40 0.00	24.10 0.52 0.00	24.00 0.74 0.00	20.74 1.21 0.00	18.68 1.14 0.00	19.89 1.27 -0.01	20.42 1.37 -0.01	22.31 1.54 -0.01	29.07 1.58 -4.92	33.11 1.75 -7.70	34.39 2.01 -4.80	37.63 2.27 -2.89	45.48 2.66 -0.01	51.02 2.75 0.00	51.25 2.11 0.00	45.96 1.98 0.00	41.27 1.78 0.00	35.17 1.67 0.00	29.51 1.05 0.00
PJM_GEN_HTP_PROXY 323702	26.77 0.75 0.00	24.80 0.65 0.00	22.41 0.55 0.00	21.67 0.47 0.00	20.84 0.41 0.00	22.52 0.38 0.00	24.12 0.54 0.00	23.96 0.70 0.00	20.41 0.88 0.00	18.42 0.88 0.00	19.62 1.00 0.00	20.18 1.14 0.00	22.08 1.31 0.00	23.93 1.35 0.00	25.20 1.54 0.00	29.33 1.71 -0.04	34.38 1.92 0.00	45.08 2.27 0.00	50.44 2.17 0.00	51.05 1.91 0.00	45.79 1.80 0.00	41.22 1.74 0.00	34.76 1.27 0.00	29.37 0.91 0.00
PJM_GEN_KEystone 24065	25.96 -0.05 0.01	24.07 -0.07 0.01	21.77 -0.09 0.01	21.10 -0.11 0.00	20.35 -0.08 0.00	22.03 -0.11 0.01	23.41 -0.16 0.01	23.07 -0.19 0.00	19.43 -0.10 0.00	17.47 -0.07 0.00	18.63 0.02 0.00	19.14 0.10 0.00	20.91 0.15 0.00	22.60 0.02 0.00	23.78 0.12 0.00	27.74 0.14 -0.02	32.37 -0.10 0.00	41.97 -0.47 0.37	47.41 -0.48 0.37	48.56 -0.24 0.33	43.43 -0.31 0.25	39.31 -0.16 0.02	33.46 -0.03 0.00	28.54 0.09 0.01
PJM_GEN_NEPTUNE_PROXY 323594	26.85 0.83 0.00	24.78 0.63 0.00	22.41 0.55 0.00	21.59 0.38 0.00	20.68 0.25 0.00	22.39 0.24 0.00	23.95 0.38 0.00	23.84 0.58 0.00	20.55 1.02 0.00	18.52 0.98 0.00	19.70 1.08 -0.01	20.25 1.20 -0.01	22.11 1.33 -0.01	28.06 1.33 -4.15	31.65 1.49 -6.49	33.32 1.68 -4.05	36.75 1.85 -2.44	45.00 2.18 -0.01	50.54 2.27 0.00	50.81 1.67 0.00	45.56 1.58 0.00	40.95 1.46 0.00	34.87 1.37 0.00	29.31 0.85 0.00
PJM_GEN_VFT_PROXY 323633	26.59 0.65 0.08	24.60 0.53 0.08	22.22 0.44 0.08	21.56 0.36 0.00	20.76 0.33 0.00	22.33 0.27 0.08	23.94 0.45 0.08	23.84 0.58 0.00	20.33 0.80 0.00	18.36 0.82 0.00	19.58 0.97 0.00	20.12 1.08 0.00	22.01 1.25 0.00	23.84 1.26 0.00	25.11 1.44 0.00	29.22 1.60 -0.04	34.25 1.78 0.00	39.63 2.14 5.32	45.01 2.03 5.28	46.13 1.77 4.77	42.09 1.67 3.56	40.79 1.66 0.36	34.60 1.10 0.00	29.14 0.77 0.08
PLATSBURG_115KV_PMLD1 355749	26.93 0.91 0.00	25.02 0.87 0.00	22.63 0.77 0.00	21.97 0.76 0.00	21.19 0.76 0.00	23.07 0.93 0.00	24.55 0.97 0.00	24.17 0.91 0.00	20.22 0.68 0.00	18.14 0.60 0.00	19.23 0.61 0.00	19.63 0.59 0.00	21.39 0.62 0.00	23.32 0.75 0.00	24.45 0.78 0.00	28.52 0.94 0.00	33.57 1.10 0.00	44.31 1.50 0.00	50.25 1.98 0.00	50.95 1.82 0.00	45.65 1.67 0.00	40.83 1.34 0.00	34.66 1.17 0.00	29.51 1.05 0.00
PLEASANTVLY___LBMP 24000	26.54 0.52 0.00	24.58 0.43 0.00	22.26 0.39 0.00	21.52 0.32 0.00	20.74 0.31 0.00	22.39 0.24 0.00	23.96 0.38 0.00	23.75 0.49 0.00	20.12 0.59 0.00	18.12 0.58 0.00	19.27 0.65 0.00	19.78 0.74 0.00	21.62 0.85 0.00	23.48 0.90 0.00	24.68 1.02 0.00	28.73 1.10 -0.05	33.73 1.27 0.00	44.44 1.63 0.00	49.81 1.54 0.00	50.41 1.28 0.00	45.17 1.19 0.00	40.67 1.18 0.00	34.26 0.77 0.00	29.00 0.54 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	26.77 0.75 0.00	24.78 0.63 0.00	22.41 0.55 0.00	21.67 0.47 0.00	20.86 0.43 0.00	22.52 0.38 0.00	24.12 0.54 0.00	23.93 0.67 0.00	20.33 0.80 0.00	18.33 0.79 0.00	19.53 0.91 0.00	20.07 1.03 0.00	21.95 1.18 0.00	23.80 1.22 0.00	25.06 1.40 0.00	29.17 1.54 -0.04	34.22 1.75 0.00	44.95 2.14 0.00	50.34 2.08 0.00	50.95 1.82 0.00	45.70 1.72 0.00	41.15 1.66 0.00	34.66 1.17 0.00	29.31 0.85 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	26.77 0.75 0.00	24.78 0.63 0.00	22.41 0.55 0.00	21.67 0.47 0.00	20.86 0.43 0.00	22.52 0.38 0.00	24.12 0.54 0.00	23.93 0.67 0.00	20.33 0.80 0.00	18.33 0.79 0.00	19.53 0.91 0.00	20.07 1.03 0.00	21.95 1.18 0.00	23.80 1.22 0.00	25.06 1.40 0.00	29.17 1.54 -0.04	34.22 1.75 0.00	44.95 2.14 0.00	50.34 2.08 0.00	50.95 1.82 0.00	45.70 1.72 0.00	41.15 1.66 0.00	34.66 1.17 0.00	29.31 0.85 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	26.69 0.68 0.00	24.73 0.58 0.00	22.37 0.50 0.00	21.63 0.42 0.00	20.82 0.39 0.00	22.52 0.38 0.00	24.10 0.52 0.00	23.84 0.58 0.00	20.18 0.64 0.00	18.15 0.61 0.00	19.30 0.69 0.00	19.80 0.76 0.00	21.68 0.91 0.00	23.57 0.99 0.00	24.78 1.11 0.00	28.82 1.24 0.00	33.93 1.46 0.00	44.74 1.93 0.00	50.20 1.93 0.00	50.85 1.72 0.00	45.52 1.54 0.00	40.99 1.50 0.00	34.50 1.00 0.00	29.20 0.74 0.00
POLETTI____ 23519	26.74 0.73 0.00	24.75 0.60 0.00	22.37 0.50 0.00	21.63 0.42 0.00	20.84 0.41 0.00	22.47 0.33 0.00	24.08 0.52 0.02	23.89 0.65 0.02	20.39 0.86 0.00	18.40 0.86 0.00	19.60 0.99 0.00	20.16 1.12 0.00	22.06 1.29 0.00	23.91 1.33 0.00	25.18 1.51 0.00	29.29 1.68 -0.03	34.33 1.88 0.02	45.02 2.23 0.02	50.37 2.12 0.02	50.99 1.87 0.02	45.73 1.76 0.02	41.21 1.74 0.02	34.73 1.24 0.00	29.34 0.88 0.00
POMONA___ESR 323819	26.61 0.60 0.00	24.66 0.51 0.00	22.28 0.41 0.00	21.54 0.34 0.00	20.74 0.31 0.00	22.41 0.27 0.00	24.00 0.42 0.00	23.79 0.54 0.00	20.20 0.66 0.00	18.19 0.65 0.00	19.40 0.78 0.00	19.92 0.88 0.00	21.79 1.02 0.00	23.64 1.06 0.00	24.89 1.23 0.00	28.97 1.35 -0.04	33.99 1.53 0.00	44.65 1.84 0.00	50.05 1.79 0.00	50.75 1.62 0.00	45.48 1.50 0.00	40.87 1.38 0.00	34.46 0.97 0.00	29.17 0.71 0.00
PORT_JEFF_3 23555	26.90 0.89 0.00	24.82 0.68 0.00	22.50 0.63 0.00	21.63 0.42 0.00	20.68 0.25 0.00	22.41 0.27 0.00	23.93 0.35 0.00	23.86 0.60 0.00	20.74 1.21 0.00	18.68 1.14 0.00	19.81 1.19 -0.01	20.34 1.30 -0.01	22.25 1.47 -0.01	28.55 1.51 -4.46	32.35 1.70 -6.98	33.95 2.01 -4.36	37.36 2.27 -2.62	45.43 2.61 -0.01	50.87 2.60 0.00	51.05 1.91 0.00	45.83 1.85 0.00	41.15 1.66 0.00	35.07 1.57 0.00	29.37 0.91 0.00
PORT_JEFF_4 23616	26.90 0.89 0.00	24.82 0.68 0.00	22.50 0.63 0.00	21.63 0.42 0.00	20.68 0.25 0.00	22.41 0.27 0.00	23.93 0.35 0.00	23.86 0.60 0.00	20.74 1.21 0.00	18.68 1.14 0.00	19.81 1.19 -0.01	20.34 1.30 -0.01	22.25 1.47 -0.01	28.55 1.51 -4.46	32.35 1.70 -6.98	33.95 2.01 -4.36	37.36 2.27 -2.62	45.43 2.61 -0.01	50.87 2.60 0.00	51.05 1.91 0.00	45.83 1.85 0.00	41.15 1.66 0.00	35.07 1.57 0.00	29.37 0.91 0.00



PORT_JEFF_IC 23713	26.95 0.94 0.00	24.85 0.70 0.00	22.52 0.66 0.00	21.65 0.45 0.00	20.72 0.29 0.00	22.43 0.29 0.00	23.96 0.38 0.00	23.89 0.63 0.00	20.76 1.23 0.00	18.71 1.18 0.00	19.85 1.23 -0.01	20.36 1.31 -0.01	22.27 1.50 -0.01	28.61 1.56 -4.47	32.42 1.75 -7.00	34.02 2.07 -4.37	37.43 2.34 -2.63	45.52 2.70 -0.01	51.02 2.75 0.00	51.15 2.01 0.00	45.92 1.94 0.00	41.23 1.74 0.00	35.13 1.64 0.00	29.51 1.05 0.00
PPL PILGRIM_ST_GT1 24216	27.06 1.04 0.00	24.97 0.82 0.00	22.61 0.74 0.00	21.73 0.53 0.00	20.80 0.37 0.00	22.54 0.40 0.00	24.10 0.52 0.00	24.00 0.74 0.00	20.80 1.27 0.00	18.73 1.19 0.00	19.93 1.30 -0.01	20.46 1.41 -0.01	22.38 1.60 -0.01	28.76 1.65 -4.53	32.61 1.85 -7.10	34.16 2.15 -4.43	37.50 2.37 -2.66	45.57 2.74 -0.01	51.02 2.75 0.00	51.20 2.06 0.00	45.92 1.93 0.00	41.27 1.78 0.00	35.23 1.74 0.00	29.54 1.08 0.00
PPL PILGRIM_ST_GT2 24217	27.06 1.04 0.00	24.97 0.82 0.00	22.61 0.74 0.00	21.73 0.53 0.00	20.80 0.37 0.00	22.54 0.40 0.00	24.10 0.52 0.00	24.00 0.74 0.00	20.80 1.27 0.00	18.73 1.19 0.00	19.93 1.30 -0.01	20.46 1.41 -0.01	22.38 1.60 -0.01	28.76 1.65 -4.53	32.61 1.85 -7.10	34.16 2.15 -4.43	37.50 2.37 -2.66	45.57 2.74 -0.01	51.02 2.75 0.00	51.20 2.06 0.00	45.92 1.93 0.00	41.27 1.78 0.00	35.23 1.74 0.00	29.54 1.08 0.00
PPL_SHRM_GT3 24213	26.59 0.57 0.00	24.51 0.36 0.00	22.24 0.37 0.00	21.37 0.17 0.00	20.41 -0.02 0.00	22.14 0.00 0.00	23.63 0.05 0.00	23.56 0.30 0.00	20.66 1.13 0.00	18.59 1.05 0.00	19.59 0.97 -0.01	20.10 1.05 -0.01	21.98 1.20 -0.01	28.28 1.24 -4.47	32.07 1.42 -6.99	33.65 1.71 -4.36	37.07 1.98 -2.62	45.05 2.22 -0.01	50.49 2.22 0.00	50.61 1.47 0.00	45.43 1.45 0.00	40.75 1.26 0.00	34.70 1.20 0.00	29.03 0.57 0.00
PPL_SHRM_GT4 24214	26.59 0.57 0.00	24.51 0.36 0.00	22.24 0.37 0.00	21.37 0.17 0.00	20.41 -0.02 0.00	22.14 0.00 0.00	23.63 0.05 0.00	23.56 0.30 0.00	20.66 1.13 0.00	18.59 1.05 0.00	19.59 0.97 -0.01	20.10 1.05 -0.01	21.98 1.20 -0.01	28.28 1.24 -4.47	32.07 1.42 -6.99	33.65 1.71 -4.36	37.07 1.98 -2.62	45.05 2.22 -0.01	50.49 2.22 0.00	50.61 1.47 0.00	45.43 1.45 0.00	40.75 1.26 0.00	34.70 1.20 0.00	29.03 0.57 0.00
PROJECT___ORANGE 1 24174	25.65 -0.36 0.00	23.79 -0.36 0.00	21.54 -0.33 0.00	20.91 -0.30 0.00	20.13 -0.31 0.00	21.85 -0.29 0.00	23.20 -0.38 0.00	22.86 -0.40 0.00	19.16 -0.37 0.00	17.21 -0.33 0.00	18.24 -0.37 0.00	18.68 -0.36 0.00	20.37 -0.39 0.00	22.13 -0.45 0.00	23.14 -0.52 0.00	27.06 -0.52 0.00	31.85 -0.62 0.00	41.91 -0.90 0.00	47.30 -0.97 0.00	48.35 -0.79 0.00	43.19 -0.79 0.00	38.74 -0.75 0.00	33.02 -0.47 0.00	28.06 -0.40 0.00
PROJECT___ORANGE 2 24166	25.65 -0.36 0.00	23.79 -0.36 0.00	21.54 -0.33 0.00	20.91 -0.30 0.00	20.13 -0.31 0.00	21.85 -0.29 0.00	23.20 -0.38 0.00	22.86 -0.40 0.00	19.16 -0.37 0.00	17.21 -0.33 0.00	18.24 -0.37 0.00	18.68 -0.36 0.00	20.37 -0.39 0.00	22.13 -0.45 0.00	23.14 -0.52 0.00	27.06 -0.52 0.00	31.85 -0.62 0.00	41.91 -0.90 0.00	47.30 -0.97 0.00	48.35 -0.79 0.00	43.19 -0.79 0.00	38.74 -0.75 0.00	33.02 -0.47 0.00	28.06 -0.40 0.00
PUCKETT___SOLAR 323809	26.33 0.31 0.00	24.44 0.29 0.00	22.15 0.28 0.00	21.48 0.27 0.00	20.72 0.29 0.00	22.48 0.33 0.00	23.84 0.26 0.00	23.42 0.16 0.00	19.51 -0.02 0.00	17.45 -0.09 0.00	18.48 -0.13 0.00	18.91 -0.13 0.00	20.62 -0.14 0.00	22.40 -0.18 0.00	23.57 -0.09 0.00	27.61 0.03 0.00	32.50 0.03 0.00	42.90 0.09 0.00	48.61 0.34 0.00	49.97 0.83 0.00	44.60 0.62 0.00	40.00 0.51 0.00	34.06 0.57 0.00	29.00 0.54 0.00
PYRITES___HYD 24023	27.08 1.07 0.00	25.24 1.09 0.00	22.85 0.98 0.00	22.20 1.00 0.00	21.40 0.96 0.00	23.25 1.11 0.00	24.69 1.11 0.00	24.26 1.00 0.00	20.14 0.61 0.00	18.03 0.49 0.00	19.12 0.50 0.00	19.48 0.44 0.00	21.18 0.42 0.00	23.16 0.59 0.00	24.33 0.66 0.00	28.30 0.72 0.00	33.38 0.91 0.00	44.10 1.28 0.00	50.10 1.83 0.00	51.10 1.97 0.00	45.96 1.98 0.00	41.03 1.54 0.00	34.97 1.47 0.00	29.85 1.39 0.00
QUAKERRD_115KV_BK1 80622	25.23 -0.78 0.00	23.40 -0.75 0.00	21.17 -0.70 0.00	20.59 -0.61 0.00	19.78 -0.65 0.00	21.57 -0.58 0.00	22.85 -0.73 0.00	22.42 -0.84 0.00	18.73 -0.80 0.00	16.78 -0.75 0.00	17.83 -0.78 0.00	18.28 -0.76 0.00	19.98 -0.79 0.00	21.63 -0.95 0.00	22.60 -1.06 0.00	26.48 -1.10 0.00	31.01 -1.46 0.00	40.67 -2.14 0.00	46.10 -2.17 0.00	47.32 -1.82 0.00	42.31 -1.67 0.00	37.95 -1.54 0.00	32.59 -0.90 0.00	27.83 -0.63 0.00
QUENSBRY_115KV_TB8 356137	27.34 1.33 0.00	25.38 1.23 0.00	23.05 1.18 0.00	22.33 1.12 0.00	21.46 1.02 0.00	23.34 1.20 0.00	24.83 1.25 0.00	24.47 1.21 0.00	20.39 0.86 0.00	18.22 0.68 0.00	19.12 0.50 0.00	19.50 0.46 0.00	21.22 0.46 0.00	23.14 0.56 0.00	24.30 0.64 0.00	28.37 0.83 0.04	33.80 1.33 0.00	45.21 2.40 0.00	51.11 2.85 0.00	52.18 3.05 0.00	46.71 2.73 0.00	41.82 2.33 0.00	35.40 1.91 0.00	29.88 1.42 0.00
RAMAPO___LBMP 323565	26.51 0.49 0.00	24.56 0.41 0.00	22.22 0.35 0.00	21.48 0.28 0.00	20.70 0.27 0.00	22.34 0.20 0.00	23.93 0.35 0.00	23.72 0.47 0.00	20.12 0.59 0.00	18.14 0.60 0.00	19.32 0.71 0.00	19.84 0.80 0.00	21.70 0.93 0.00	23.53 0.95 0.00	24.78 1.11 0.00	28.83 1.21 -0.04	33.83 1.36 0.00	44.44 1.63 0.00	49.86 1.59 0.00	50.51 1.38 0.00	45.26 1.28 0.00	40.71 1.22 0.00	34.33 0.84 0.00	29.05 0.60 0.00
RANKINE____ 23646	25.81 -0.21 0.00	23.98 -0.17 0.00	21.73 -0.13 0.00	21.08 -0.13 0.00	20.27 -0.16 0.00	22.21 0.07 0.00	23.30 -0.28 0.00	22.70 -0.56 0.00	18.95 -0.59 0.00	16.96 -0.58 0.00	18.07 -0.54 0.00	18.60 -0.44 0.00	20.33 -0.44 0.00	21.94 -0.63 0.00	23.03 -0.64 0.00	26.86 -0.72 0.00	31.14 -1.33 0.00	40.37 -2.44 0.00	46.00 -2.27 0.00	47.71 -1.42 0.00	42.44 -1.54 0.00	38.34 -1.15 0.00	33.16 -0.33 0.00	28.68 0.23 0.00
RAVENSWOOD_GT2_1 24244	26.82 0.81 0.00	24.82 0.68 0.00	22.43 0.57 0.00	21.69 0.49 0.00	20.91 0.47 0.00	22.52 0.38 0.00	24.14 0.57 0.00	23.96 0.70 0.00	20.41 0.88 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.18 1.14 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.33 1.71 -0.04	34.38 1.92 0.00	45.08 2.27 0.00	50.44 2.17 0.00	51.05 1.92 0.00	45.79 1.80 0.00	41.27 1.78 0.00	34.80 1.31 0.00	29.42 0.97 0.00
RAVENSWOOD_GT2_2 24245	26.82 0.81 0.00	24.82 0.68 0.00	22.43 0.57 0.00	21.69 0.49 0.00	20.91 0.47 0.00	22.52 0.38 0.00	24.14 0.57 0.00	23.96 0.70 0.00	20.41 0.88 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.18 1.14 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.33 1.71 -0.04	34.38 1.92 0.00	45.08 2.27 0.00	50.44 2.17 0.00	51.05 1.92 0.00	45.79 1.80 0.00	41.27 1.78 0.00	34.80 1.31 0.00	29.42 0.97 0.00



RAVENSWOOD_GT2_3 24246	26.82 0.81 0.00	24.82 0.68 0.00	22.43 0.57 0.00	21.69 0.49 0.00	20.91 0.47 0.00	22.52 0.38 0.00	24.14 0.57 0.00	23.98 0.72 0.00	20.43 0.90 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.20 1.16 0.00	22.10 1.33 0.00	23.95 1.38 0.00	25.23 1.56 0.00	29.33 1.71 -0.04	34.42 1.95 0.00	45.12 2.31 0.00	50.49 2.22 0.00	51.10 1.97 0.00	45.83 1.85 0.00	41.30 1.82 0.00	34.80 1.31 0.00	29.42 0.97 0.00
RAVENSWOOD_GT2_4 24247	26.82 0.81 0.00	24.82 0.68 0.00	22.43 0.57 0.00	21.69 0.49 0.00	20.91 0.47 0.00	22.52 0.38 0.00	24.14 0.57 0.00	23.98 0.72 0.00	20.43 0.90 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.20 1.16 0.00	22.10 1.33 0.00	23.95 1.38 0.00	25.23 1.56 0.00	29.33 1.71 -0.04	34.42 1.95 0.00	45.12 2.31 0.00	50.49 2.22 0.00	51.10 1.97 0.00	45.83 1.85 0.00	41.30 1.82 0.00	34.80 1.31 0.00	29.42 0.97 0.00
RAVENSWOOD_GT3_1 24248	26.82 0.81 0.00	24.82 0.68 0.00	22.43 0.57 0.00	21.69 0.49 0.00	20.91 0.47 0.00	22.52 0.38 0.00	24.14 0.57 0.00	23.96 0.70 0.00	20.41 0.88 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.18 1.14 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.33 1.71 -0.04	34.42 1.95 0.00	45.08 2.27 0.00	50.44 2.17 0.00	51.05 1.92 0.00	45.83 1.85 0.00	41.27 1.78 0.00	34.80 1.31 0.00	29.42 0.97 0.00
RAVENSWOOD_GT3_2 24249	26.82 0.81 0.00	24.82 0.68 0.00	22.43 0.57 0.00	21.69 0.49 0.00	20.91 0.47 0.00	22.52 0.38 0.00	24.14 0.57 0.00	23.96 0.70 0.00	20.41 0.88 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.18 1.14 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.33 1.71 -0.04	34.42 1.95 0.00	45.08 2.27 0.00	50.44 2.17 0.00	51.05 1.92 0.00	45.83 1.85 0.00	41.27 1.78 0.00	34.80 1.31 0.00	29.42 0.97 0.00
RAVENSWOOD_GT3_3 24250	26.85 0.83 0.00	24.85 0.70 0.00	22.46 0.59 0.00	21.71 0.51 0.00	20.93 0.49 0.00	22.54 0.40 0.00	24.17 0.59 0.00	24.00 0.74 0.00	20.43 0.90 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.22 1.18 0.00	22.12 1.35 0.00	23.98 1.40 0.00	25.25 1.59 0.00	29.36 1.74 -0.04	34.45 1.98 0.00	45.17 2.35 0.00	50.54 2.27 0.00	51.15 2.01 0.00	45.87 1.89 0.00	41.34 1.86 0.00	34.83 1.34 0.00	29.45 1.00 0.00
RAVENSWOOD_GT3_4 24251	26.85 0.83 0.00	24.85 0.70 0.00	22.46 0.59 0.00	21.71 0.51 0.00	20.93 0.49 0.00	22.54 0.40 0.00	24.17 0.59 0.00	24.00 0.74 0.00	20.43 0.90 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.22 1.18 0.00	22.12 1.35 0.00	23.98 1.40 0.00	25.25 1.59 0.00	29.36 1.74 -0.04	34.45 1.98 0.00	45.17 2.35 0.00	50.54 2.27 0.00	51.15 2.01 0.00	45.87 1.89 0.00	41.34 1.86 0.00	34.83 1.34 0.00	29.45 1.00 0.00
RAVENSWOOD_GT_1 23729	26.93 0.91 0.00	24.92 0.77 0.00	22.52 0.66 0.00	21.78 0.57 0.00	21.01 0.57 0.00	22.41 0.27 0.00	24.00 0.42 0.00	23.91 0.65 0.00	20.41 0.88 0.00	18.47 0.93 0.00	19.67 1.06 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.02 1.44 0.00	25.27 1.61 0.00	29.39 1.77 -0.04	34.42 1.95 0.00	44.87 2.05 0.00	50.20 1.93 0.00	50.81 1.67 0.00	45.57 1.58 0.00	41.07 1.58 0.00	34.83 1.34 0.00	29.54 1.08 0.00
RAVENSWOOD_GT_10 24258	26.82 0.81 0.00	24.82 0.68 0.00	22.43 0.57 0.00	21.69 0.49 0.00	20.88 0.45 0.00	22.52 0.38 0.00	24.14 0.57 0.00	23.96 0.70 0.00	20.41 0.88 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.18 1.14 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.33 1.71 -0.04	34.42 1.95 0.00	45.12 2.31 0.00	50.49 2.22 0.00	51.10 1.97 0.00	45.83 1.85 0.00	41.30 1.82 0.00	34.80 1.31 0.00	29.42 0.97 0.00
RAVENSWOOD_GT_11 24259	26.82 0.81 0.00	24.82 0.68 0.00	22.43 0.57 0.00	21.69 0.49 0.00	20.88 0.45 0.00	22.52 0.38 0.00	24.14 0.57 0.00	23.96 0.70 0.00	20.41 0.88 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.18 1.14 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.33 1.71 -0.04	34.42 1.95 0.00	45.12 2.31 0.00	50.49 2.22 0.00	51.10 1.97 0.00	45.83 1.85 0.00	41.30 1.82 0.00	34.80 1.31 0.00	29.42 0.97 0.00
RAVENSWOOD_GT_4 24252	26.82 0.81 0.00	24.82 0.68 0.00	22.43 0.57 0.00	21.69 0.49 0.00	20.91 0.47 0.00	22.52 0.38 0.00	24.14 0.57 0.00	23.96 0.70 0.00	20.41 0.88 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.18 1.14 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.33 1.71 -0.04	34.42 1.95 0.00	45.12 2.31 0.00	50.44 2.17 0.00	51.05 1.92 0.00	45.83 1.85 0.00	41.27 1.78 0.00	34.80 1.31 0.00	29.42 0.97 0.00
RAVENSWOOD_GT_5 24254	26.82 0.81 0.00	24.82 0.68 0.00	22.43 0.57 0.00	21.69 0.49 0.00	20.91 0.47 0.00	22.52 0.38 0.00	24.14 0.57 0.00	23.96 0.70 0.00	20.41 0.88 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.18 1.14 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.33 1.71 -0.04	34.42 1.95 0.00	45.12 2.31 0.00	50.44 2.17 0.00	51.05 1.92 0.00	45.83 1.85 0.00	41.27 1.78 0.00	34.80 1.31 0.00	29.42 0.97 0.00
RAVENSWOOD_GT_6 24253	26.82 0.81 0.00	24.82 0.68 0.00	22.43 0.57 0.00	21.69 0.49 0.00	20.91 0.47 0.00	22.52 0.38 0.00	24.14 0.57 0.00	23.96 0.70 0.00	20.41 0.88 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.18 1.14 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.33 1.71 -0.04	34.42 1.95 0.00	45.12 2.31 0.00	50.44 2.17 0.00	51.05 1.92 0.00	45.83 1.85 0.00	41.27 1.78 0.00	34.80 1.31 0.00	29.42 0.97 0.00
RAVENSWOOD_GT_7 24255	26.82 0.81 0.00	24.82 0.68 0.00	22.43 0.57 0.00	21.69 0.49 0.00	20.91 0.47 0.00	22.52 0.38 0.00	24.14 0.57 0.00	23.96 0.70 0.00	20.41 0.88 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.18 1.14 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.33 1.71 -0.04	34.42 1.95 0.00	45.12 2.31 0.00	50.44 2.17 0.00	51.05 1.92 0.00	45.83 1.85 0.00	41.27 1.78 0.00	34.80 1.31 0.00	29.42 0.97 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	26.82 0.81 0.00	24.82 0.68 0.00	22.43 0.57 0.00	21.69 0.49 0.00	20.88 0.45 0.00	22.52 0.38 0.00	24.14 0.57 0.00	23.96 0.70 0.00	20.41 0.88 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.18 1.14 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.33 1.71 -0.04	34.42 1.95 0.00	45.12 2.31 0.00	50.49 2.22 0.00	51.10 1.97 0.00	45.83 1.85 0.00	41.30 1.82 0.00	34.80 1.31 0.00	29.42 0.97 0.00
RAVENSWOOD_GT_9 24257	26.82 0.81 0.00	24.82 0.68 0.00	22.43 0.57 0.00	21.69 0.49 0.00	20.88 0.45 0.00	22.52 0.38 0.00	24.14 0.57 0.00	23.96 0.70 0.00	20.41 0.88 0.00	18.43 0.89 0.00	19.64 1.02 0.00	20.18 1.14 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.33 1.71 -0.04	34.42 1.95 0.00	45.12 2.31 0.00	50.49 2.22 0.00	51.10 1.97 0.00	45.83 1.85 0.00	41.30 1.82 0.00	34.80 1.31 0.00	29.42 0.97 0.00



RAVENSWOOD___1 23533	26.93 0.91 0.00	24.92 0.77 0.00	22.50 0.63 0.00	21.78 0.57 0.00	20.99 0.55 0.00	22.41 0.27 0.00	24.00 0.42 0.00	23.91 0.65 0.00	20.41 0.88 0.00	18.45 0.91 0.00	19.67 1.06 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.02 1.45 0.00	25.27 1.61 0.00	29.39 1.77 -0.04	34.41 1.95 0.00	44.86 2.05 0.01	50.19 1.93 0.01	50.80 1.67 0.01	45.56 1.58 0.01	41.02 1.54 0.01	34.83 1.34 0.00	29.54 1.08 0.00
RAVENSWOOD___2 23534	26.93 0.91 0.00	24.92 0.77 0.00	22.50 0.63 0.00	21.78 0.57 0.00	20.99 0.55 0.00	22.41 0.27 0.00	24.00 0.42 0.00	23.91 0.65 0.00	20.41 0.88 0.00	18.45 0.91 0.00	19.67 1.06 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.02 1.45 0.00	25.27 1.61 0.00	29.39 1.77 -0.04	34.41 1.95 0.00	44.86 2.05 0.01	50.19 1.93 0.01	50.80 1.67 0.01	45.56 1.58 0.01	41.02 1.54 0.01	34.83 1.34 0.00	29.54 1.08 0.00
RAVENSWOOD___3 23535	26.82 0.81 0.00	24.82 0.68 0.00	22.43 0.57 0.00	21.69 0.49 0.00	20.88 0.45 0.00	22.52 0.38 0.00	24.14 0.56 0.00	23.96 0.70 0.00	20.41 0.88 0.00	18.42 0.88 0.00	19.64 1.02 0.00	20.18 1.14 0.00	22.08 1.31 0.00	23.95 1.38 0.00	25.20 1.54 0.00	29.33 1.71 -0.04	34.41 1.95 0.00	45.12 2.31 0.00	50.44 2.17 0.00	51.05 1.91 0.00	45.83 1.85 0.00	41.22 1.74 0.00	34.80 1.30 0.00	29.39 0.94 0.00
RAVENSWOOD___4 23820	26.93 0.91 0.00	24.92 0.77 0.00	22.50 0.63 0.00	21.78 0.57 0.00	20.99 0.55 0.00	22.41 0.27 0.00	24.00 0.42 0.00	23.91 0.65 0.00	20.41 0.88 0.00	18.45 0.91 0.00	19.67 1.06 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.02 1.45 0.00	25.27 1.61 0.00	29.39 1.77 -0.04	34.41 1.95 0.00	44.86 2.05 0.01	50.19 1.93 0.01	50.80 1.67 0.01	45.56 1.58 0.01	41.02 1.54 0.01	34.83 1.34 0.00	29.54 1.08 0.00
RCPL_TRUST___DRP 24196	26.87 0.81 -0.05	24.87 0.68 -0.05	22.50 0.59 -0.05	21.69 0.49 0.00	20.91 0.47 0.00	22.59 0.40 -0.05	24.22 0.59 -0.05	24.00 0.74 0.00	20.45 0.92 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.22 1.18 0.00	22.12 1.35 0.00	23.98 1.40 0.00	25.25 1.59 0.00	29.39 1.77 -0.04	34.45 1.98 0.00	48.32 2.35 -3.15	53.67 2.27 -3.13	53.98 2.01 -2.83	47.99 1.89 -2.11	41.56 1.86 -0.21	34.80 1.31 0.00	29.47 0.97 -0.05
RED___ROCHESTER 323720	25.94 -0.08 0.00	24.00 -0.14 0.00	21.76 -0.11 0.00	21.14 -0.06 0.00	20.37 -0.06 0.00	22.16 0.02 0.00	23.46 -0.12 0.00	23.00 -0.26 0.00	19.20 -0.33 0.00	17.21 -0.33 0.00	18.26 -0.35 0.00	18.73 -0.31 0.00	20.50 -0.27 0.00	22.17 -0.41 0.00	23.14 -0.52 0.00	27.17 -0.41 0.00	31.75 -0.71 0.00	41.66 -1.15 0.00	47.25 -1.02 0.00	48.64 -0.49 0.00	43.46 -0.53 0.00	39.05 -0.43 0.00	33.53 0.03 0.00	28.66 0.20 0.00
REGAN___SOLAR 323812	27.26 1.25 0.00	25.31 1.16 0.00	22.98 1.11 0.00	22.26 1.06 0.00	21.40 0.96 0.00	23.32 1.17 0.00	24.78 1.20 0.00	24.21 0.95 0.00	19.88 0.35 0.00	17.54 0.00 0.00	18.37 -0.24 0.00	18.64 -0.40 0.00	20.29 -0.48 0.00	22.21 -0.36 0.00	23.47 -0.19 0.00	27.69 0.14 0.02	33.25 0.78 0.00	44.61 1.80 0.00	50.87 2.60 0.00	52.13 3.00 0.00	46.62 2.64 0.00	41.78 2.29 0.00	35.37 1.87 0.00	29.85 1.39 0.00
RENSSELAER___COGEN 23796	26.01 0.00 0.00	24.17 0.02 0.00	21.95 0.09 0.00	21.25 0.04 0.00	20.46 0.02 0.00	22.14 0.00 0.00	23.60 0.02 0.00	23.33 0.07 0.00	19.65 0.12 0.00	17.63 0.09 0.00	18.71 0.09 0.00	19.14 0.10 0.00	20.87 0.10 0.00	22.69 0.11 0.00	23.83 0.17 0.00	27.66 0.11 0.03	32.60 0.13 0.00	43.07 0.26 0.00	48.46 0.19 0.00	49.13 0.00 0.00	43.98 0.00 0.00	39.49 0.00 0.00	33.36 -0.13 0.00	28.29 -0.17 0.00
REPUBLIC_115KV_BARTNBK 55605	28.25 2.24 0.00	26.25 2.10 0.00	23.86 1.99 0.00	23.11 1.91 0.00	22.17 1.74 0.00	24.20 2.06 0.00	25.68 2.10 0.00	25.28 2.02 0.00	20.92 1.39 0.00	18.64 1.10 0.00	19.58 0.97 0.00	19.92 0.88 0.00	21.62 0.85 0.00	23.64 1.06 0.00	24.85 1.18 0.00	29.14 1.60 0.04	34.87 2.40 0.00	46.71 3.90 0.00	53.00 4.73 0.00	54.24 5.11 0.00	48.51 4.53 0.00	43.32 3.83 0.00	36.77 3.28 0.00	30.93 2.48 0.00
REVERE_CPPR_DRP 24186	26.61 0.60 0.00	24.75 0.60 0.00	22.46 0.59 0.00	21.80 0.59 0.00	20.99 0.55 0.00	22.74 0.60 0.00	24.19 0.61 0.00	23.84 0.58 0.00	19.84 0.31 0.00	17.77 0.23 0.00	18.84 0.22 0.00	19.23 0.19 0.00	20.91 0.15 0.00	22.80 0.23 0.00	24.00 0.33 0.00	28.05 0.47 0.00	33.08 0.62 0.00	43.80 0.98 0.00	49.52 1.25 0.00	50.85 1.72 0.00	45.52 1.54 0.00	40.71 1.22 0.00	34.53 1.04 0.00	29.34 0.88 0.00
REYNLDPA_13_KV_LD 356490	26.54 0.52 0.00	24.66 0.51 0.00	22.33 0.46 0.00	21.67 0.47 0.00	20.88 0.45 0.00	22.70 0.55 0.00	24.12 0.54 0.00	23.75 0.49 0.00	19.86 0.33 0.00	17.84 0.30 0.00	18.93 0.32 0.00	19.33 0.29 0.00	21.06 0.29 0.00	22.94 0.36 0.00	24.07 0.40 0.00	28.05 0.47 0.00	33.02 0.55 0.00	43.54 0.73 0.00	49.28 1.02 0.00	50.02 0.89 0.00	44.86 0.88 0.00	40.28 0.79 0.00	34.16 0.67 0.00	29.08 0.63 0.00
REYNOLDS_115KV_TB3 80639	26.20 0.18 0.00	24.34 0.19 0.00	22.11 0.24 0.00	21.39 0.19 0.00	20.62 0.18 0.00	22.28 0.13 0.00	23.77 0.19 0.00	23.49 0.23 0.00	19.79 0.25 0.00	17.77 0.23 0.00	18.84 0.22 0.00	19.27 0.23 0.00	21.02 0.25 0.00	22.85 0.27 0.00	24.00 0.33 0.00	27.82 0.28 0.04	32.82 0.36 0.00	43.37 0.56 0.00	48.80 0.53 0.00	49.43 0.29 0.00	44.25 0.26 0.00	39.80 0.32 0.00	33.56 0.07 0.00	28.49 0.03 0.00
RIVERBAY____ 323610	27.11 1.09 0.00	25.09 0.94 0.00	22.67 0.81 0.00	21.88 0.68 0.00	21.13 0.69 0.00	22.45 0.31 0.00	24.00 0.42 0.00	23.91 0.65 0.00	20.41 0.88 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.24 1.20 0.00	22.14 1.37 0.00	24.00 1.42 0.00	25.25 1.59 0.00	29.33 1.71 -0.04	34.38 1.92 0.00	44.82 2.01 0.00	50.15 1.88 0.00	50.76 1.62 0.00	45.52 1.54 0.00	41.15 1.66 0.00	34.90 1.41 0.00	29.68 1.22 0.00
RIVERSDE_115KV_TB3 55908	26.15 0.13 0.00	24.27 0.12 0.00	22.04 0.17 0.00	21.33 0.13 0.00	20.56 0.12 0.00	22.23 0.09 0.00	23.70 0.12 0.00	23.42 0.16 0.00	19.73 0.20 0.00	17.71 0.18 0.00	18.78 0.17 0.00	19.21 0.17 0.00	20.93 0.17 0.00	22.78 0.20 0.00	23.92 0.26 0.00	27.74 0.19 0.03	32.73 0.26 0.00	43.24 0.43 0.00	48.65 0.39 0.00	49.33 0.20 0.00	44.16 0.18 0.00	39.69 0.20 0.00	33.49 0.00 0.00	28.40 -0.06 0.00
ROARING___BROOK_WT_PWR 323790	26.07 0.05 0.00	24.22 0.07 0.00	21.93 0.07 0.00	21.27 0.06 0.00	20.50 0.06 0.00	22.23 0.09 0.00	23.67 0.09 0.00	23.33 0.07 0.00	19.59 0.06 0.00	17.57 0.04 0.00	18.65 0.04 0.00	19.08 0.04 0.00	20.79 0.02 0.00	22.62 0.05 0.00	23.71 0.05 0.00	27.64 0.06 0.00	32.53 0.07 0.00	42.90 0.09 0.00	48.41 0.15 0.00	49.23 0.10 0.00	44.07 0.09 0.00	39.57 0.08 0.00	33.56 0.07 0.00	28.54 0.09 0.00



ROCHESRG_115KV_T4 355643	25.70 -0.31 0.00	23.83 -0.31 0.00	21.58 -0.28 0.00	20.97 -0.23 0.00	20.15 -0.29 0.00	21.99 -0.15 0.00	23.25 -0.33 0.00	22.79 -0.47 0.00	19.04 -0.49 0.00	17.07 -0.47 0.00	18.13 -0.48 0.00	18.58 -0.46 0.00	20.31 -0.46 0.00	21.99 -0.59 0.00	22.98 -0.69 0.00	26.92 -0.66 0.00	31.43 -1.04 0.00	41.19 -1.63 0.00	46.67 -1.59 0.00	48.05 -1.08 0.00	42.93 -1.06 0.00	38.58 -0.91 0.00	33.16 -0.33 0.00	28.37 -0.09 0.00
ROCHESTER_9_IC 23652	25.83 -0.18 0.00	23.93 -0.22 0.00	21.67 -0.20 0.00	21.08 -0.13 0.00	20.23 -0.20 0.00	22.08 -0.07 0.00	23.37 -0.21 0.00	22.91 -0.35 0.00	19.12 -0.41 0.00	17.14 -0.40 0.00	18.20 -0.41 0.00	18.66 -0.38 0.00	20.41 -0.35 0.00	22.08 -0.50 0.00	23.07 -0.59 0.00	27.06 -0.52 0.00	31.59 -0.88 0.00	41.44 -1.37 0.00	46.96 -1.30 0.00	48.35 -0.79 0.00	43.19 -0.79 0.00	38.78 -0.71 0.00	33.36 -0.13 0.00	28.54 0.09 0.00
ROCKVIEW_13_KV_LD 356306	26.82 0.81 0.00	24.85 0.70 0.00	22.46 0.59 0.00	21.71 0.51 0.00	20.91 0.47 0.00	22.54 0.40 0.00	24.17 0.59 0.00	23.98 0.72 0.00	20.39 0.86 0.00	18.40 0.86 0.00	19.60 0.99 0.00	20.14 1.10 0.00	22.03 1.27 0.00	23.89 1.31 0.00	25.16 1.49 0.00	29.28 1.65 -0.04	34.35 1.88 0.00	45.12 2.31 0.00	50.49 2.22 0.00	51.15 2.01 0.00	45.83 1.85 0.00	41.30 1.82 0.00	34.76 1.27 0.00	29.42 0.97 0.00
ROME____115KV_TB2 80656	26.61 0.60 0.00	24.75 0.60 0.00	22.46 0.59 0.00	21.80 0.59 0.00	20.99 0.55 0.00	22.74 0.60 0.00	24.19 0.61 0.00	23.84 0.58 0.00	19.84 0.31 0.00	17.77 0.23 0.00	18.84 0.22 0.00	19.23 0.19 0.00	20.91 0.15 0.00	22.80 0.23 0.00	24.00 0.33 0.00	28.05 0.47 0.00	33.08 0.62 0.00	43.80 0.98 0.00	49.52 1.25 0.00	50.85 1.72 0.00	45.52 1.54 0.00	40.71 1.22 0.00	34.53 1.04 0.00	29.34 0.88 0.00
ROSETON___1 23587	26.41 0.39 0.00	24.49 0.34 0.00	22.15 0.28 0.00	21.42 0.21 0.00	20.62 0.18 0.00	22.30 0.16 0.00	23.86 0.28 0.00	23.61 0.35 0.00	19.98 0.45 0.00	17.98 0.44 0.00	19.13 0.52 0.00	19.63 0.59 0.00	21.47 0.71 0.00	23.30 0.72 0.00	24.51 0.85 0.00	28.55 0.94 -0.03	33.51 1.04 0.00	44.10 1.28 0.00	49.52 1.25 0.00	50.21 1.08 0.00	45.00 1.01 0.00	40.40 0.91 0.00	34.13 0.63 0.00	28.91 0.45 0.00
ROSETON___2 23588	26.41 0.39 0.00	24.49 0.34 0.00	22.15 0.28 0.00	21.42 0.21 0.00	20.62 0.18 0.00	22.30 0.16 0.00	23.86 0.28 0.00	23.61 0.35 0.00	19.98 0.45 0.00	17.98 0.44 0.00	19.13 0.52 0.00	19.63 0.59 0.00	21.47 0.71 0.00	23.30 0.72 0.00	24.51 0.85 0.00	28.55 0.94 -0.03	33.51 1.04 0.00	44.10 1.28 0.00	49.52 1.25 0.00	50.21 1.08 0.00	45.00 1.01 0.00	40.40 0.91 0.00	34.13 0.63 0.00	28.91 0.45 0.00
ROTRRDAM_115KV_TB3 80664	26.48 0.47 0.00	24.56 0.41 0.00	22.26 0.39 0.00	21.56 0.36 0.00	20.78 0.35 0.00	22.52 0.38 0.00	23.98 0.40 0.00	23.68 0.42 0.00	19.86 0.33 0.00	17.80 0.26 0.00	18.86 0.24 0.00	19.29 0.25 0.00	21.02 0.25 0.00	22.87 0.29 0.00	24.02 0.35 0.00	27.99 0.44 0.03	33.08 0.62 0.00	43.75 0.94 0.00	49.33 1.06 0.00	50.17 1.03 0.00	44.91 0.92 0.00	40.32 0.83 0.00	34.13 0.64 0.00	28.91 0.46 0.00
RUSSELL___1 23602	25.94 -0.08 0.00	24.00 -0.14 0.00	21.73 -0.13 0.00	21.14 -0.06 0.00	20.29 -0.14 0.00	22.16 0.02 0.00	23.46 -0.12 0.00	23.00 -0.26 0.00	19.20 -0.33 0.00	17.19 -0.35 0.00	18.26 -0.35 0.00	18.74 -0.30 0.00	20.50 -0.27 0.00	22.17 -0.41 0.00	23.14 -0.52 0.00	27.17 -0.41 0.00	31.75 -0.71 0.00	41.66 -1.16 0.00	47.25 -1.01 0.00	48.64 -0.49 0.00	43.46 -0.53 0.00	38.98 -0.51 0.00	33.52 0.03 0.00	28.66 0.20 0.00
RUSSELL___2 23532	25.94 -0.08 0.00	24.00 -0.14 0.00	21.73 -0.13 0.00	21.14 -0.06 0.00	20.29 -0.14 0.00	22.16 0.02 0.00	23.46 -0.12 0.00	23.00 -0.26 0.00	19.20 -0.33 0.00	17.19 -0.35 0.00	18.26 -0.35 0.00	18.74 -0.30 0.00	20.50 -0.27 0.00	22.17 -0.41 0.00	23.14 -0.52 0.00	27.17 -0.41 0.00	31.75 -0.71 0.00	41.66 -1.16 0.00	47.25 -1.01 0.00	48.64 -0.49 0.00	43.46 -0.53 0.00	38.98 -0.51 0.00	33.52 0.03 0.00	28.66 0.20 0.00
RUSSELL___3 23549	25.94 -0.08 0.00	24.00 -0.14 0.00	21.73 -0.13 0.00	21.14 -0.06 0.00	20.29 -0.14 0.00	22.16 0.02 0.00	23.46 -0.12 0.00	23.00 -0.26 0.00	19.20 -0.33 0.00	17.19 -0.35 0.00	18.26 -0.35 0.00	18.74 -0.30 0.00	20.50 -0.27 0.00	22.17 -0.41 0.00	23.14 -0.52 0.00	27.17 -0.41 0.00	31.75 -0.71 0.00	41.66 -1.16 0.00	47.25 -1.01 0.00	48.64 -0.49 0.00	43.46 -0.53 0.00	38.98 -0.51 0.00	33.52 0.03 0.00	28.66 0.20 0.00
RUSSELL___4 23556	25.94 -0.08 0.00	24.00 -0.14 0.00	21.73 -0.13 0.00	21.14 -0.06 0.00	20.29 -0.14 0.00	22.16 0.02 0.00	23.46 -0.12 0.00	23.00 -0.26 0.00	19.20 -0.33 0.00	17.19 -0.35 0.00	18.26 -0.35 0.00	18.74 -0.30 0.00	20.50 -0.27 0.00	22.17 -0.41 0.00	23.14 -0.52 0.00	27.17 -0.41 0.00	31.75 -0.71 0.00	41.66 -1.16 0.00	47.25 -1.01 0.00	48.64 -0.49 0.00	43.46 -0.53 0.00	38.98 -0.51 0.00	33.52 0.03 0.00	28.66 0.20 0.00
RUSSELL___STATION 23914	25.94 -0.08 0.00	24.00 -0.14 0.00	21.73 -0.13 0.00	21.14 -0.06 0.00	20.29 -0.14 0.00	22.16 0.02 0.00	23.46 -0.12 0.00	23.00 -0.26 0.00	19.20 -0.33 0.00	17.19 -0.35 0.00	18.26 -0.35 0.00	18.74 -0.30 0.00	20.50 -0.27 0.00	22.17 -0.41 0.00	23.14 -0.52 0.00	27.17 -0.41 0.00	31.75 -0.71 0.00	41.66 -1.16 0.00	47.25 -1.01 0.00	48.64 -0.49 0.00	43.46 -0.53 0.00	38.98 -0.51 0.00	33.52 0.03 0.00	28.66 0.20 0.00
S SALMON___HYD 24043	25.86 -0.16 0.00	24.00 -0.14 0.00	21.76 -0.11 0.00	21.12 -0.08 0.00	20.35 -0.08 0.00	22.08 -0.07 0.00	23.46 -0.12 0.00	23.10 -0.16 0.00	19.30 -0.23 0.00	17.29 -0.25 0.00	18.32 -0.30 0.00	18.72 -0.32 0.00	20.37 -0.40 0.00	22.17 -0.41 0.00	23.21 -0.45 0.00	27.17 -0.41 0.00	32.04 -0.42 0.00	42.34 -0.47 0.00	47.88 -0.39 0.00	49.09 -0.05 0.00	43.90 -0.09 0.00	39.33 -0.16 0.00	33.39 -0.10 0.00	28.37 -0.09 0.00
S.PERRY__115KV_TB1 80734	26.64 0.62 0.00	24.63 0.48 0.00	22.32 0.46 0.00	21.73 0.53 0.00	20.84 0.41 0.00	22.83 0.69 0.00	24.14 0.57 0.00	23.61 0.35 0.00	19.53 0.00 0.00	17.38 -0.16 0.00	18.39 -0.22 0.00	18.83 -0.21 0.00	20.56 -0.21 0.00	22.31 -0.27 0.00	23.36 -0.31 0.00	27.52 -0.06 0.00	32.30 -0.16 0.00	42.60 -0.21 0.00	48.65 0.39 0.00	50.36 1.23 0.00	44.91 0.92 0.00	40.16 0.67 0.00	34.60 1.11 0.00	29.57 1.11 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.70 -0.31 0.00	23.86 -0.29 0.00	21.60 -0.26 0.00	20.97 -0.23 0.00	20.17 -0.27 0.00	22.08 -0.07 0.00	23.15 -0.42 0.00	22.56 -0.70 0.00	18.83 -0.70 0.00	16.85 -0.68 0.00	17.98 -0.63 0.00	18.49 -0.55 0.00	20.21 -0.56 0.00	21.81 -0.77 0.00	22.86 -0.80 0.00	26.67 -0.91 0.00	30.88 -1.59 0.00	40.03 -2.78 0.00	45.56 -2.70 0.00	47.22 -1.92 0.00	42.09 -1.89 0.00	38.03 -1.46 0.00	32.96 -0.54 0.00	28.49 0.03 0.00



SAWYER___23_KV_LOAD 55526	25.70 -0.31 0.00	23.86 -0.29 0.00	21.60 -0.26 0.00	20.97 -0.23 0.00	20.17 -0.27 0.00	22.08 -0.07 0.00	23.15 -0.42 0.00	22.56 -0.70 0.00	18.83 -0.70 0.00	16.85 -0.68 0.00	17.98 -0.63 0.00	18.49 -0.55 0.00	20.21 -0.56 0.00	21.81 -0.77 0.00	22.86 -0.80 0.00	26.67 -0.91 0.00	30.88 -1.59 0.00	40.03 -2.78 0.00	45.56 -2.70 0.00	47.22 -1.92 0.00	42.09 -1.89 0.00	38.03 -1.46 0.00	32.96 -0.54 0.00	28.49 0.03 0.00
SELKIRK___I 23801	26.28 0.26 0.00	24.41 0.27 0.00	22.15 0.28 0.00	21.46 0.26 0.00	20.64 0.20 0.00	22.36 0.22 0.00	23.81 0.24 0.00	23.47 0.21 0.00	19.69 0.16 0.00	17.64 0.11 0.00	18.71 0.09 0.00	19.14 0.10 0.00	20.87 0.10 0.00	22.69 0.11 0.00	23.85 0.19 0.00	27.76 0.19 0.02	32.76 0.29 0.00	43.33 0.52 0.00	48.80 0.53 0.00	49.58 0.44 0.00	44.42 0.44 0.00	39.88 0.39 0.00	33.76 0.27 0.00	28.63 0.17 0.00
SELKIRK___II 23799	26.15 0.13 0.00	24.27 0.12 0.00	22.02 0.15 0.00	21.33 0.13 0.00	20.52 0.08 0.00	22.21 0.07 0.00	23.70 0.12 0.00	23.40 0.14 0.00	19.71 0.18 0.00	17.68 0.14 0.00	18.76 0.15 0.00	19.21 0.17 0.00	20.95 0.19 0.00	22.78 0.20 0.00	23.92 0.26 0.00	27.80 0.25 0.02	32.76 0.29 0.00	43.28 0.47 0.00	48.65 0.38 0.00	49.38 0.25 0.00	44.20 0.22 0.00	39.69 0.20 0.00	33.56 0.07 0.00	28.49 0.03 0.00
SENECA OSWGO___HYD 24041	25.52 -0.50 0.00	23.64 -0.51 0.00	21.41 -0.46 0.00	20.78 -0.42 0.00	20.03 -0.41 0.00	21.72 -0.42 0.00	23.08 -0.50 0.00	22.75 -0.51 0.00	19.06 -0.47 0.00	17.12 -0.42 0.00	18.15 -0.46 0.00	18.56 -0.48 0.00	20.25 -0.52 0.00	22.01 -0.56 0.00	23.00 -0.66 0.00	26.86 -0.72 0.00	31.66 -0.81 0.00	41.74 -1.07 0.00	47.11 -1.16 0.00	48.15 -0.98 0.00	43.02 -0.97 0.00	38.58 -0.91 0.00	32.82 -0.67 0.00	27.89 -0.57 0.00
SENECA___115KV_TB3 355854	25.86 -0.16 0.00	24.00 -0.14 0.00	21.76 -0.11 0.00	21.10 -0.11 0.00	20.29 -0.14 0.00	22.23 0.09 0.00	23.34 -0.24 0.00	22.75 -0.51 0.00	18.97 -0.57 0.00	16.98 -0.56 0.00	18.09 -0.52 0.00	18.62 -0.42 0.00	20.35 -0.42 0.00	21.99 -0.59 0.00	23.05 -0.62 0.00	26.92 -0.66 0.00	31.17 -1.30 0.00	40.41 -2.40 0.00	46.05 -2.22 0.00	47.81 -1.33 0.00	42.49 -1.50 0.00	38.38 -1.11 0.00	33.22 -0.27 0.00	28.71 0.26 0.00
SENECA___ENERGY 23797	25.81 -0.21 0.00	23.91 -0.24 0.00	21.65 -0.22 0.00	21.03 -0.17 0.00	20.27 -0.16 0.00	22.05 -0.09 0.00	23.39 -0.19 0.00	22.98 -0.28 0.00	19.20 -0.33 0.00	17.22 -0.32 0.00	18.26 -0.35 0.00	18.68 -0.36 0.00	20.39 -0.37 0.00	22.13 -0.45 0.00	23.17 -0.50 0.00	27.14 -0.44 0.00	31.91 -0.55 0.00	41.96 -0.86 0.00	47.49 -0.77 0.00	48.69 -0.44 0.00	43.46 -0.53 0.00	38.94 -0.55 0.00	33.29 -0.20 0.00	28.37 -0.09 0.00
SHOEMAKER___GT 23640	26.38 0.36 0.00	24.46 0.31 0.00	22.13 0.26 0.00	21.42 0.21 0.00	20.60 0.16 0.00	22.30 0.16 0.00	23.84 0.26 0.00	23.56 0.30 0.00	19.92 0.39 0.00	17.91 0.37 0.00	19.06 0.45 0.00	19.55 0.51 0.00	21.39 0.62 0.00	23.23 0.66 0.00	24.42 0.76 0.00	28.47 0.86 -0.03	33.44 0.97 0.00	44.05 1.24 0.00	49.47 1.21 0.00	50.27 1.13 0.00	45.00 1.01 0.00	40.40 0.91 0.00	34.13 0.63 0.00	28.91 0.45 0.00
SHOEMAKR_138KV_BK 111 55601	26.38 0.36 0.00	24.46 0.31 0.00	22.13 0.26 0.00	21.39 0.19 0.00	20.62 0.18 0.00	22.30 0.15 0.00	23.84 0.26 0.00	23.56 0.30 0.00	19.94 0.41 0.00	17.94 0.40 0.00	19.08 0.47 0.00	19.57 0.53 0.00	21.41 0.64 0.00	23.23 0.65 0.00	24.45 0.78 0.00	28.49 0.88 -0.03	33.44 0.97 0.00	44.05 1.24 0.00	49.47 1.21 0.00	50.22 1.08 0.00	44.99 1.01 0.00	40.44 0.95 0.00	34.13 0.64 0.00	28.91 0.46 0.00
SHOREHAM_IC_1 23715	26.59 0.57 0.00	24.51 0.36 0.00	22.24 0.37 0.00	21.37 0.17 0.00	20.41 -0.02 0.00	22.14 0.00 0.00	23.63 0.05 0.00	23.56 0.30 0.00	20.66 1.13 0.00	18.59 1.05 0.00	19.59 0.97 -0.01	20.10 1.05 -0.01	21.98 1.20 -0.01	28.28 1.24 -4.47	32.07 1.42 -6.99	33.65 1.71 -4.36	37.07 1.98 -2.62	45.05 2.22 -0.01	50.49 2.22 0.00	50.61 1.47 0.00	45.43 1.45 0.00	40.75 1.26 0.00	34.70 1.20 0.00	29.03 0.57 0.00
SHOREHAM_IC_2 23716	26.59 0.57 0.00	24.51 0.36 0.00	22.24 0.37 0.00	21.37 0.17 0.00	20.43 0.00 0.00	22.14 0.00 0.00	23.63 0.05 0.00	23.56 0.30 0.00	20.66 1.13 0.00	18.63 1.09 0.00	19.59 0.97 -0.01	20.10 1.05 -0.01	21.98 1.20 -0.01	28.28 1.24 -4.47	32.07 1.42 -6.99	33.65 1.71 -4.36	37.07 1.98 -2.62	45.05 2.23 -0.01	50.49 2.22 0.00	50.61 1.47 0.00	45.43 1.45 0.00	40.79 1.30 0.00	34.70 1.21 0.00	29.11 0.65 0.00
SISSONVILLE____ 23735	26.77 0.75 0.00	24.90 0.75 0.00	22.54 0.68 0.00	21.88 0.68 0.00	21.11 0.67 0.00	22.96 0.82 0.00	24.33 0.75 0.00	23.93 0.67 0.00	19.94 0.41 0.00	17.89 0.35 0.00	18.97 0.35 0.00	19.33 0.29 0.00	21.06 0.29 0.00	22.98 0.41 0.00	24.11 0.45 0.00	27.97 0.39 0.00	32.99 0.52 0.00	43.45 0.64 0.00	49.33 1.06 0.00	50.17 1.03 0.00	45.13 1.14 0.00	40.36 0.87 0.00	34.46 0.97 0.00	29.48 1.02 0.00
SITHE_IND_GS1 24169	25.24 -0.78 0.00	23.42 -0.72 0.00	21.21 -0.66 0.00	20.57 -0.64 0.00	19.84 -0.59 0.00	21.50 -0.64 0.00	22.85 -0.73 0.00	22.51 -0.75 0.00	18.91 -0.63 0.00	16.96 -0.58 0.00	18.00 -0.61 0.00	18.41 -0.63 0.00	20.08 -0.68 0.00	21.81 -0.77 0.00	22.76 -0.90 0.00	26.59 -0.99 0.00	31.27 -1.20 0.00	41.19 -1.63 0.00	46.48 -1.78 0.00	47.46 -1.67 0.00	42.44 -1.54 0.00	38.11 -1.38 0.00	32.39 -1.10 0.00	27.55 -0.91 0.00
SITHE_IND_GS2 24170	25.24 -0.78 0.00	23.42 -0.72 0.00	21.21 -0.66 0.00	20.57 -0.64 0.00	19.84 -0.59 0.00	21.50 -0.64 0.00	22.85 -0.73 0.00	22.51 -0.75 0.00	18.91 -0.63 0.00	16.96 -0.58 0.00	18.00 -0.61 0.00	18.41 -0.63 0.00	20.08 -0.68 0.00	21.81 -0.77 0.00	22.76 -0.90 0.00	26.59 -0.99 0.00	31.27 -1.20 0.00	41.19 -1.63 0.00	46.48 -1.78 0.00	47.46 -1.67 0.00	42.44 -1.54 0.00	38.11 -1.38 0.00	32.39 -1.10 0.00	27.55 -0.91 0.00
SITHE_IND_GS3 24171	25.24 -0.78 0.00	23.42 -0.72 0.00	21.21 -0.66 0.00	20.57 -0.64 0.00	19.84 -0.59 0.00	21.50 -0.64 0.00	22.85 -0.73 0.00	22.51 -0.75 0.00	18.91 -0.63 0.00	16.96 -0.58 0.00	18.00 -0.61 0.00	18.41 -0.63 0.00	20.08 -0.68 0.00	21.81 -0.77 0.00	22.76 -0.90 0.00	26.59 -0.99 0.00	31.27 -1.20 0.00	41.19 -1.63 0.00	46.48 -1.78 0.00	47.46 -1.67 0.00	42.44 -1.54 0.00	38.11 -1.38 0.00	32.39 -1.10 0.00	27.55 -0.91 0.00
SITHE_IND_GS4 24172	25.24 -0.78 0.00	23.42 -0.72 0.00	21.21 -0.66 0.00	20.57 -0.64 0.00	19.84 -0.59 0.00	21.50 -0.64 0.00	22.85 -0.73 0.00	22.51 -0.75 0.00	18.91 -0.63 0.00	16.96 -0.58 0.00	18.00 -0.61 0.00	18.41 -0.63 0.00	20.08 -0.68 0.00	21.81 -0.77 0.00	22.76 -0.90 0.00	26.59 -0.99 0.00	31.27 -1.20 0.00	41.19 -1.63 0.00	46.48 -1.78 0.00	47.46 -1.67 0.00	42.44 -1.54 0.00	38.11 -1.38 0.00	32.39 -1.10 0.00	27.55 -0.91 0.00



SITHE___BATAVIA 24024	26.15 0.13 0.00	24.32 0.17 0.00	21.91 0.04 0.00	21.33 0.13 0.00	20.70 0.26 0.00	22.54 0.40 0.00	23.72 0.14 0.00	23.10 -0.16 0.00	19.22 -0.31 0.00	17.21 -0.33 0.00	18.24 -0.37 0.00	18.73 -0.31 0.00	20.52 -0.25 0.00	22.15 -0.43 0.00	23.14 -0.52 0.00	27.19 -0.39 0.00	31.66 -0.81 0.00	41.36 -1.46 0.00	47.11 -1.16 0.00	48.74 -0.39 0.00	43.50 -0.48 0.00	39.17 -0.32 0.00	33.79 0.30 0.00	29.17 0.71 0.00
SITHE___INDEPEND 23800	25.23 -0.78 0.00	23.42 -0.72 0.00	21.21 -0.66 0.00	20.57 -0.64 0.00	19.82 -0.61 0.00	21.50 -0.64 0.00	22.85 -0.73 0.00	22.51 -0.74 0.00	18.91 -0.63 0.00	16.96 -0.58 0.00	18.00 -0.61 0.00	18.41 -0.63 0.00	20.08 -0.69 0.00	21.81 -0.77 0.00	22.76 -0.90 0.00	26.59 -0.99 0.00	31.27 -1.20 0.00	41.19 -1.63 0.00	46.48 -1.79 0.00	47.46 -1.67 0.00	42.44 -1.54 0.00	38.11 -1.38 0.00	32.39 -1.11 0.00	27.55 -0.91 0.00
SITHE___MASSENA 23902	26.67 0.65 0.00	24.80 0.65 0.00	22.46 0.59 0.00	21.80 0.59 0.00	21.01 0.57 0.00	22.83 0.69 0.00	24.26 0.68 0.00	23.89 0.63 0.00	19.96 0.43 0.00	17.91 0.37 0.00	19.01 0.39 0.00	19.40 0.36 0.00	21.14 0.37 0.00	23.05 0.47 0.00	24.16 0.50 0.00	28.16 0.58 0.00	33.15 0.68 0.00	43.71 0.90 0.00	49.52 1.25 0.00	50.27 1.13 0.00	45.12 1.14 0.00	40.48 0.99 0.00	34.36 0.87 0.00	29.28 0.83 0.00
SITHE___OGDNSBRG 24021	27.06 1.04 0.00	25.19 1.04 0.00	22.81 0.94 0.00	22.16 0.95 0.00	21.35 0.92 0.00	23.21 1.06 0.00	24.64 1.06 0.00	24.21 0.95 0.00	20.12 0.59 0.00	18.03 0.49 0.00	19.10 0.48 0.00	19.48 0.44 0.00	21.20 0.44 0.00	23.16 0.59 0.00	24.33 0.66 0.00	28.32 0.74 0.00	33.38 0.91 0.00	44.14 1.33 0.00	50.15 1.88 0.00	51.10 1.97 0.00	45.92 1.94 0.00	41.03 1.54 0.00	34.90 1.41 0.00	29.79 1.34 0.00
SITHE___STERLING 23777	26.43 0.41 0.00	24.56 0.41 0.00	22.26 0.39 0.00	21.61 0.40 0.00	20.82 0.39 0.00	22.56 0.42 0.00	24.00 0.42 0.00	23.63 0.37 0.00	19.73 0.20 0.00	17.68 0.14 0.00	18.75 0.13 0.00	19.14 0.10 0.00	20.85 0.08 0.00	22.69 0.11 0.00	23.85 0.19 0.00	27.88 0.30 0.00	32.86 0.39 0.00	43.46 0.64 0.00	49.09 0.82 0.00	50.31 1.18 0.00	45.00 1.01 0.00	40.32 0.83 0.00	34.20 0.70 0.00	29.06 0.60 0.00
SLEIGHT__34_KV_TB1 80719	25.62 -0.39 0.00	23.74 -0.41 0.00	21.49 -0.37 0.00	20.91 -0.30 0.00	20.09 -0.35 0.00	21.90 -0.24 0.00	23.20 -0.38 0.00	22.79 -0.47 0.00	19.04 -0.49 0.00	17.07 -0.47 0.00	18.09 -0.52 0.00	18.55 -0.50 0.00	20.25 -0.52 0.00	21.97 -0.61 0.00	22.95 -0.71 0.00	26.92 -0.66 0.00	31.59 -0.88 0.00	41.53 -1.28 0.00	47.01 -1.25 0.00	48.30 -0.84 0.00	43.15 -0.84 0.00	38.66 -0.83 0.00	33.12 -0.37 0.00	28.23 -0.23 0.00
SMITHTWN_69_KV_BK 1 55830	27.08 1.07 0.00	24.97 0.82 0.00	22.61 0.74 0.00	21.73 0.53 0.00	20.82 0.39 0.00	22.54 0.40 0.00	24.07 0.50 0.00	24.00 0.74 0.00	20.84 1.31 0.00	18.78 1.25 0.00	19.94 1.32 -0.01	20.46 1.41 -0.01	22.38 1.60 -0.01	28.74 1.67 -4.49	32.58 1.89 -7.03	34.17 2.21 -4.39	37.64 2.53 -2.64	45.82 3.00 -0.01	51.36 3.09 0.00	51.49 2.36 0.00	46.18 2.20 0.00	41.50 2.01 0.00	35.30 1.81 0.00	29.65 1.20 0.00
SOUTH CAIRO___GT 23612	26.80 0.78 0.00	24.90 0.75 0.00	22.54 0.68 0.00	21.82 0.61 0.00	21.01 0.57 0.00	22.78 0.64 0.00	24.33 0.75 0.00	23.84 0.58 0.00	19.94 0.41 0.00	17.82 0.28 0.00	18.78 0.17 0.00	19.19 0.15 0.00	21.00 0.23 0.00	22.92 0.34 0.00	24.07 0.40 0.00	28.34 0.77 0.01	33.34 0.88 0.00	44.44 1.63 0.00	50.20 1.93 0.00	51.00 1.87 0.00	45.65 1.67 0.00	40.95 1.46 0.00	34.50 1.00 0.00	29.20 0.74 0.00
SOUTH HAMPTN___IC 23720	27.00 0.99 0.00	24.90 0.75 0.00	22.59 0.72 0.00	21.69 0.49 0.00	20.72 0.29 0.00	22.45 0.31 0.00	23.93 0.35 0.00	23.86 0.60 0.00	20.90 1.37 0.00	18.82 1.28 0.00	19.89 1.27 -0.01	20.42 1.37 -0.01	22.35 1.58 -0.01	28.68 1.65 -4.46	32.51 1.87 -6.98	34.17 2.23 -4.36	37.65 2.56 -2.62	45.86 3.04 -0.01	51.36 3.09 0.00	51.44 2.31 0.00	46.18 2.20 0.00	41.42 1.93 0.00	35.23 1.74 0.00	29.45 1.00 0.00
SOUTHDOW_115KV_TB1 355954	26.38 0.36 0.00	24.49 0.34 0.00	22.19 0.33 0.00	21.54 0.34 0.00	20.76 0.33 0.00	22.78 0.64 0.00	24.21 0.64 0.00	23.61 0.35 0.00	19.61 0.08 0.00	17.59 0.05 0.00	18.76 0.15 0.00	19.34 0.30 0.00	21.12 0.35 0.00	22.83 0.25 0.00	23.95 0.28 0.00	27.97 0.39 0.00	32.37 -0.10 0.00	41.74 -1.07 0.00	47.69 -0.58 0.00	49.53 0.39 0.00	43.85 -0.13 0.00	39.49 0.00 0.00	34.03 0.54 0.00	29.28 0.83 0.00
SOUTHOLD_69_KV_BK 2 55809	27.47 1.46 0.00	25.31 1.16 0.00	22.96 1.09 0.00	22.03 0.83 0.00	21.05 0.61 0.00	22.76 0.62 0.00	24.24 0.66 0.00	24.14 0.88 0.00	21.17 1.64 0.00	19.08 1.54 -0.01	20.20 1.58 -0.01	20.74 1.69 -0.01	22.71 1.93 -0.01	29.11 2.08 -4.46	32.96 2.32 -6.98	34.69 2.76 -4.36	38.33 3.25 -2.62	46.76 3.94 -0.01	52.32 4.05 0.00	52.43 3.29 0.00	47.02 3.03 0.00	42.13 2.65 0.00	35.80 2.31 0.00	30.02 1.57 0.00
SOUTHOLD___IC 23719	27.47 1.46 0.00	25.31 1.16 0.00	22.96 1.09 0.00	22.03 0.83 0.00	21.03 0.59 0.00	22.76 0.62 0.00	24.24 0.66 0.00	24.14 0.88 0.00	21.17 1.64 0.00	19.06 1.53 -0.01	20.20 1.58 -0.01	20.74 1.69 -0.01	22.71 1.93 -0.01	29.11 2.08 -4.46	32.97 2.32 -6.98	34.69 2.76 -4.36	38.33 3.25 -2.62	46.76 3.94 -0.01	52.32 4.05 0.00	52.43 3.29 0.00	47.02 3.03 0.00	42.13 2.65 0.00	35.80 2.31 0.00	29.94 1.48 0.00
SOUTH_FORK_WT_PWR 323839	27.52 1.51 0.00	25.36 1.21 0.00	23.00 1.14 0.00	22.07 0.87 0.00	21.05 0.61 0.00	22.79 0.64 0.00	24.24 0.66 0.00	24.14 0.88 0.00	21.17 1.64 0.00	19.06 1.53 -0.01	20.20 1.58 -0.01	20.76 1.71 -0.01	22.75 1.97 -0.01	29.16 2.12 -4.46	33.01 2.37 -6.98	34.75 2.81 -4.36	38.37 3.28 -2.62	46.80 3.98 -0.01	52.42 4.15 0.00	52.48 3.34 0.00	47.02 3.03 0.00	42.18 2.69 0.00	35.80 2.31 0.00	29.96 1.51 0.00
SPIERFLS_115KV_TB 1 80737	27.24 1.22 0.00	25.31 1.16 0.00	22.96 1.09 0.00	22.24 1.04 0.00	21.40 0.96 0.00	23.25 1.11 0.00	24.73 1.16 0.00	24.38 1.12 0.00	20.33 0.80 0.00	18.17 0.63 0.00	19.06 0.45 0.00	19.46 0.42 0.00	21.16 0.39 0.00	23.07 0.50 0.00	24.23 0.57 0.00	28.29 0.74 0.03	33.64 1.17 0.00	45.00 2.18 0.00	50.87 2.61 0.00	51.94 2.80 0.00	46.49 2.51 0.00	41.62 2.13 0.00	35.27 1.78 0.00	29.77 1.31 0.00
ST LAWRENCE____ 23600	26.28 0.26 0.00	24.41 0.27 0.00	22.08 0.22 0.00	21.44 0.23 0.00	20.68 0.25 0.00	22.43 0.29 0.00	23.88 0.31 0.00	23.52 0.26 0.00	19.71 0.18 0.00	17.70 0.16 0.00	18.76 0.15 0.00	19.17 0.13 0.00	20.87 0.10 0.00	22.74 0.16 0.00	23.83 0.17 0.00	27.77 0.19 0.00	32.70 0.23 0.00	43.11 0.30 0.00	48.75 0.48 0.00	49.53 0.39 0.00	44.42 0.44 0.00	39.88 0.39 0.00	33.83 0.33 0.00	28.80 0.34 0.00



STATE_CA_115KV_115_LB 55624	26.15 0.13 0.00	24.29 0.14 0.00	22.06 0.20 0.00	21.35 0.15 0.00	20.56 0.12 0.00	22.25 0.11 0.00	23.72 0.14 0.00	23.45 0.19 0.00	19.71 0.18 0.00	17.70 0.16 0.00	18.76 0.15 0.00	19.19 0.15 0.00	20.91 0.15 0.00	22.76 0.18 0.00	23.90 0.24 0.00	27.74 0.19 0.03	32.76 0.29 0.00	43.28 0.47 0.00	48.70 0.43 0.00	49.38 0.25 0.00	44.20 0.22 0.00	39.73 0.24 0.00	33.56 0.07 0.00	28.43 -0.03 0.00
STATE_ST_34_KV_LOAD 55959	25.91 -0.10 0.00	24.00 -0.14 0.00	21.73 -0.13 0.00	21.12 -0.08 0.00	20.31 -0.12 0.00	22.10 -0.04 0.00	23.46 -0.12 0.00	23.07 -0.19 0.00	19.30 -0.23 0.00	17.31 -0.23 0.00	18.35 -0.26 0.00	18.79 -0.25 0.00	20.50 -0.27 0.00	22.28 -0.29 0.00	23.31 -0.35 0.00	27.28 -0.30 0.00	32.14 -0.32 0.00	42.38 -0.43 0.00	47.93 -0.34 0.00	49.04 -0.10 0.00	43.81 -0.18 0.00	39.25 -0.24 0.00	33.46 -0.03 0.00	28.43 -0.03 0.00
STATION_5_MISC_HYD 23604	25.83 -0.18 0.00	23.93 -0.22 0.00	21.67 -0.20 0.00	21.08 -0.13 0.00	20.31 -0.12 0.00	22.08 -0.07 0.00	23.37 -0.21 0.00	22.91 -0.35 0.00	19.12 -0.41 0.00	17.15 -0.39 0.00	18.20 -0.41 0.00	18.66 -0.38 0.00	20.41 -0.35 0.00	22.08 -0.50 0.00	23.07 -0.59 0.00	27.06 -0.52 0.00	31.59 -0.88 0.00	41.44 -1.37 0.00	46.97 -1.30 0.00	48.35 -0.79 0.00	43.24 -0.75 0.00	38.86 -0.63 0.00	33.36 -0.13 0.00	28.54 0.09 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	25.78 -0.23 0.00	23.88 -0.27 0.00	21.62 -0.24 0.00	21.03 -0.17 0.00	20.21 -0.22 0.00	22.03 -0.11 0.00	23.34 -0.24 0.00	22.93 -0.33 0.00	19.14 -0.39 0.00	17.14 -0.40 0.00	18.20 -0.41 0.00	18.64 -0.40 0.00	20.37 -0.39 0.00	22.08 -0.50 0.00	23.07 -0.59 0.00	27.08 -0.50 0.00	31.75 -0.71 0.00	41.70 -1.11 0.00	47.25 -1.01 0.00	48.54 -0.59 0.00	43.37 -0.62 0.00	38.86 -0.63 0.00	33.32 -0.17 0.00	28.43 -0.03 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	25.68 -0.34 0.00	23.79 -0.36 0.00	21.54 -0.33 0.00	20.95 -0.25 0.00	20.11 -0.33 0.00	21.94 -0.20 0.00	23.22 -0.35 0.00	22.79 -0.47 0.00	19.02 -0.51 0.00	17.05 -0.49 0.00	18.11 -0.50 0.00	18.56 -0.48 0.00	20.31 -0.46 0.00	21.99 -0.59 0.00	22.95 -0.71 0.00	26.92 -0.66 0.00	31.46 -1.01 0.00	41.27 -1.54 0.00	46.77 -1.50 0.00	48.10 -1.03 0.00	43.02 -0.97 0.00	38.58 -0.91 0.00	33.16 -0.33 0.00	28.34 -0.11 0.00
STA_56___34_KV_BUS2 355983	25.68 -0.34 0.00	23.79 -0.36 0.00	21.54 -0.33 0.00	20.95 -0.25 0.00	20.11 -0.33 0.00	21.94 -0.20 0.00	23.22 -0.35 0.00	22.79 -0.47 0.00	19.02 -0.51 0.00	17.05 -0.49 0.00	18.11 -0.50 0.00	18.56 -0.48 0.00	20.31 -0.46 0.00	21.99 -0.59 0.00	22.95 -0.71 0.00	26.92 -0.66 0.00	31.46 -1.01 0.00	41.27 -1.54 0.00	46.77 -1.50 0.00	48.10 -1.03 0.00	43.02 -0.97 0.00	38.58 -0.91 0.00	33.16 -0.33 0.00	28.34 -0.11 0.00
STA_67___115KV_BK2 355882	25.78 -0.23 0.00	23.88 -0.27 0.00	21.62 -0.24 0.00	21.03 -0.17 0.00	20.19 -0.25 0.00	22.05 -0.09 0.00	23.32 -0.26 0.00	22.86 -0.40 0.00	19.10 -0.43 0.00	17.10 -0.44 0.00	18.17 -0.45 0.00	18.64 -0.40 0.00	20.37 -0.39 0.00	22.06 -0.52 0.00	23.03 -0.64 0.00	27.00 -0.58 0.00	31.53 -0.94 0.00	41.31 -1.50 0.00	46.87 -1.40 0.00	48.20 -0.93 0.00	43.10 -0.88 0.00	38.70 -0.79 0.00	33.26 -0.23 0.00	28.49 0.03 0.00
STA_7___115KV_9TRANS 80674	25.94 -0.08 0.00	24.00 -0.14 0.00	21.73 -0.13 0.00	21.14 -0.06 0.00	20.29 -0.14 0.00	22.16 0.02 0.00	23.46 -0.12 0.00	23.00 -0.26 0.00	19.20 -0.33 0.00	17.19 -0.35 0.00	18.26 -0.35 0.00	18.74 -0.30 0.00	20.50 -0.27 0.00	22.17 -0.41 0.00	23.14 -0.52 0.00	27.17 -0.41 0.00	31.75 -0.71 0.00	41.66 -1.16 0.00	47.25 -1.01 0.00	48.64 -0.49 0.00	43.46 -0.53 0.00	38.98 -0.51 0.00	33.52 0.03 0.00	28.66 0.20 0.00
STA_82___115KV_TB1 80780	25.78 -0.23 0.00	23.88 -0.27 0.00	21.62 -0.24 0.00	21.03 -0.17 0.00	20.21 -0.22 0.00	22.05 -0.09 0.00	23.32 -0.26 0.00	22.86 -0.40 0.00	19.10 -0.43 0.00	17.10 -0.44 0.00	18.17 -0.45 0.00	18.64 -0.40 0.00	20.37 -0.39 0.00	22.06 -0.52 0.00	23.03 -0.64 0.00	27.00 -0.58 0.00	31.53 -0.94 0.00	41.36 -1.46 0.00	46.87 -1.40 0.00	48.25 -0.88 0.00	43.10 -0.88 0.00	38.70 -0.79 0.00	33.29 -0.20 0.00	28.49 0.03 0.00
STEEL___WIND 323596	25.86 -0.16 0.00	24.00 -0.14 0.00	21.71 -0.15 0.00	21.08 -0.13 0.00	20.46 0.02 0.00	22.23 0.09 0.00	23.32 -0.26 0.00	22.73 -0.53 0.00	18.95 -0.59 0.00	16.98 -0.56 0.00	18.09 -0.52 0.00	18.60 -0.44 0.00	20.33 -0.44 0.00	21.97 -0.61 0.00	23.03 -0.64 0.00	26.89 -0.69 0.00	31.13 -1.33 0.00	40.37 -2.44 0.00	46.00 -2.27 0.00	47.76 -1.38 0.00	42.44 -1.54 0.00	38.46 -1.03 0.00	33.19 -0.30 0.00	28.71 0.26 0.00
STEPHTWN_115KV_BK_2 55603	26.25 0.23 0.00	24.39 0.24 0.00	22.15 0.28 0.00	21.44 0.23 0.00	20.64 0.20 0.00	22.36 0.22 0.00	23.84 0.26 0.00	23.56 0.30 0.00	19.79 0.25 0.00	17.75 0.21 0.00	18.84 0.22 0.00	19.25 0.21 0.00	20.98 0.21 0.00	22.85 0.27 0.00	24.00 0.33 0.00	27.88 0.33 0.03	32.92 0.45 0.00	43.54 0.73 0.00	49.04 0.77 0.00	49.72 0.59 0.00	44.51 0.53 0.00	39.96 0.47 0.00	33.76 0.27 0.00	28.60 0.14 0.00
STEUBEN_REC_LFGE 323667	26.33 0.31 0.00	24.41 0.27 0.00	22.11 0.24 0.00	21.50 0.30 0.00	20.68 0.25 0.00	22.65 0.51 0.00	23.84 0.26 0.00	23.28 0.02 0.00	19.28 -0.25 0.00	17.21 -0.33 0.00	18.28 -0.34 0.00	18.75 -0.29 0.00	20.50 -0.27 0.00	22.19 -0.38 0.00	23.31 -0.35 0.00	27.36 -0.22 0.00	31.98 -0.49 0.00	41.83 -0.98 0.00	47.69 -0.58 0.00	49.48 0.34 0.00	43.98 0.00 0.00	39.45 -0.04 0.00	34.03 0.54 0.00	29.20 0.74 0.00
STILLWATER___SOLAR 323814	26.93 0.91 0.00	24.99 0.84 0.00	22.70 0.83 0.00	21.97 0.76 0.00	21.13 0.70 0.00	22.94 0.80 0.00	24.43 0.85 0.00	24.10 0.84 0.00	20.16 0.62 0.00	18.01 0.47 0.00	19.02 0.41 0.00	19.42 0.38 0.00	21.16 0.39 0.00	23.05 0.47 0.00	24.23 0.57 0.00	28.20 0.66 0.04	33.51 1.04 0.00	44.48 1.67 0.00	50.25 1.98 0.00	51.15 2.02 0.00	45.79 1.80 0.00	41.07 1.58 0.00	34.73 1.24 0.00	29.39 0.94 0.00
STONY___BROOK 24151	27.00 0.99 0.00	24.90 0.75 0.00	22.57 0.70 0.00	21.69 0.49 0.00	20.74 0.31 0.00	22.50 0.35 0.00	24.03 0.45 0.00	23.93 0.67 0.00	20.80 1.27 0.00	18.73 1.19 0.00	19.89 1.27 -0.01	20.42 1.37 -0.01	22.34 1.56 -0.01	28.68 1.63 -4.48	32.50 1.82 -7.01	34.11 2.15 -4.38	37.54 2.44 -2.63	45.69 2.87 -0.01	51.21 2.94 0.00	51.35 2.21 0.00	46.05 2.07 0.00	41.34 1.86 0.00	35.23 1.74 0.00	29.51 1.05 0.00
STURGEON_POOL_HYD 23609	26.56 0.55 0.00	24.61 0.46 0.00	22.24 0.37 0.00	21.50 0.30 0.00	20.72 0.29 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.70 0.44 0.00	20.08 0.55 0.00	18.08 0.54 0.00	19.23 0.61 0.00	19.74 0.70 0.00	21.62 0.85 0.00	23.48 0.90 0.00	24.71 1.04 0.00	28.87 1.27 -0.02	33.80 1.33 0.00	44.52 1.71 0.00	49.91 1.64 0.00	50.66 1.52 0.00	45.35 1.36 0.00	40.79 1.30 0.00	34.36 0.87 0.00	29.11 0.65 0.00



ST_LAW_115_BK7_LBMP 345037	26.30 0.29 0.00	24.44 0.29 0.00	22.13 0.26 0.00	21.48 0.27 0.00	20.70 0.26 0.00	22.48 0.33 0.00	23.91 0.33 0.00	23.54 0.28 0.00	19.71 0.18 0.00	17.71 0.18 0.00	18.78 0.17 0.00	19.17 0.13 0.00	20.89 0.13 0.00	22.76 0.18 0.00	23.85 0.19 0.00	27.80 0.22 0.00	32.73 0.26 0.00	43.15 0.34 0.00	48.80 0.53 0.00	49.58 0.44 0.00	44.47 0.48 0.00	39.92 0.44 0.00	33.86 0.37 0.00	28.83 0.37 0.00
ST_LAW_115_BK8_LBMP 345038	26.30 0.29 0.00	24.44 0.29 0.00	22.13 0.26 0.00	21.48 0.27 0.00	20.70 0.26 0.00	22.48 0.33 0.00	23.91 0.33 0.00	23.54 0.28 0.00	19.71 0.18 0.00	17.71 0.18 0.00	18.78 0.17 0.00	19.17 0.13 0.00	20.89 0.13 0.00	22.76 0.18 0.00	23.85 0.19 0.00	27.80 0.22 0.00	32.73 0.26 0.00	43.15 0.34 0.00	48.80 0.53 0.00	49.58 0.44 0.00	44.47 0.48 0.00	39.92 0.44 0.00	33.86 0.37 0.00	28.83 0.37 0.00
ST_LAW_230_BK5_LBMP 345035	26.28 0.26 0.00	24.41 0.27 0.00	22.08 0.22 0.00	21.44 0.23 0.00	20.68 0.25 0.00	22.43 0.29 0.00	23.88 0.31 0.00	23.52 0.26 0.00	19.71 0.18 0.00	17.70 0.16 0.00	18.76 0.15 0.00	19.17 0.13 0.00	20.87 0.10 0.00	22.74 0.16 0.00	23.83 0.17 0.00	27.77 0.19 0.00	32.70 0.23 0.00	43.11 0.30 0.00	48.75 0.48 0.00	49.53 0.39 0.00	44.42 0.44 0.00	39.88 0.39 0.00	33.83 0.33 0.00	28.80 0.34 0.00
ST_LAW_230_BK6_LBMP 345036	26.28 0.26 0.00	24.41 0.27 0.00	22.08 0.22 0.00	21.44 0.23 0.00	20.68 0.25 0.00	22.43 0.29 0.00	23.88 0.31 0.00	23.52 0.26 0.00	19.71 0.18 0.00	17.70 0.16 0.00	18.76 0.15 0.00	19.17 0.13 0.00	20.87 0.10 0.00	22.74 0.16 0.00	23.83 0.17 0.00	27.77 0.19 0.00	32.70 0.23 0.00	43.11 0.30 0.00	48.75 0.48 0.00	49.53 0.39 0.00	44.42 0.44 0.00	39.88 0.39 0.00	33.83 0.33 0.00	28.80 0.34 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	26.46 0.44 0.00	24.54 0.39 0.00	22.17 0.31 0.00	21.44 0.23 0.00	20.66 0.22 0.00	22.32 0.18 0.00	23.88 0.31 0.00	23.65 0.40 0.00	20.02 0.49 0.00	18.03 0.49 0.00	19.19 0.58 0.00	19.71 0.67 0.00	21.56 0.79 0.00	23.39 0.81 0.00	24.61 0.95 0.00	28.66 1.05 -0.03	33.64 1.17 0.00	44.27 1.46 0.00	49.67 1.40 0.00	50.41 1.28 0.00	45.13 1.14 0.00	40.59 1.11 0.00	34.23 0.74 0.00	29.00 0.54 0.00
SWANROAD_115KV_TB1 355699	25.26 -0.75 0.00	23.45 -0.70 0.00	21.49 -0.37 0.00	20.63 -0.57 0.00	19.84 -0.59 0.00	21.97 -0.18 0.00	22.89 -0.68 0.00	22.19 -1.07 0.00	18.52 -1.02 0.00	16.57 -0.96 0.00	17.66 -0.95 0.00	18.15 -0.89 0.00	19.85 -0.91 0.00	21.43 -1.15 0.00	22.43 -1.23 0.00	26.17 -1.41 0.00	30.29 -2.18 0.00	39.22 -3.60 0.00	44.65 -3.62 0.00	46.28 -2.85 0.00	41.26 -2.73 0.00	37.36 -2.13 0.00	32.39 -1.11 0.00	28.29 -0.17 0.00
SYNERGY___BIOGAS 323694	26.12 0.10 0.00	24.20 0.05 0.00	22.02 0.15 0.00	21.33 0.13 0.00	20.46 0.02 0.00	22.54 0.40 0.00	23.72 0.14 0.00	23.10 -0.16 0.00	19.22 -0.31 0.00	17.19 -0.35 0.00	18.24 -0.37 0.00	18.74 -0.30 0.00	20.52 -0.25 0.00	22.15 -0.43 0.00	23.14 -0.52 0.00	27.19 -0.39 0.00	31.66 -0.81 0.00	41.36 -1.46 0.00	47.11 -1.16 0.00	48.74 -0.39 0.00	43.50 -0.48 0.00	39.09 -0.39 0.00	33.79 0.30 0.00	29.17 0.71 0.00
SYRACUSE___ENERGY_ST1 323597	25.75 -0.26 0.00	23.88 -0.27 0.00	21.62 -0.24 0.00	20.99 -0.21 0.00	20.21 -0.22 0.00	21.94 -0.20 0.00	23.30 -0.28 0.00	22.96 -0.30 0.00	19.22 -0.31 0.00	17.26 -0.28 0.00	18.30 -0.32 0.00	18.72 -0.32 0.00	20.41 -0.35 0.00	22.19 -0.38 0.00	23.21 -0.45 0.00	27.14 -0.44 0.00	31.98 -0.49 0.00	42.13 -0.68 0.00	47.54 -0.72 0.00	48.64 -0.49 0.00	43.46 -0.53 0.00	38.98 -0.51 0.00	33.19 -0.30 0.00	28.20 -0.26 0.00
SYRACUSE___ENERGY_ST2 323598	25.75 -0.26 0.00	23.88 -0.27 0.00	21.62 -0.24 0.00	20.99 -0.21 0.00	20.21 -0.22 0.00	21.94 -0.20 0.00	23.30 -0.28 0.00	22.96 -0.30 0.00	19.22 -0.31 0.00	17.26 -0.28 0.00	18.30 -0.32 0.00	18.72 -0.32 0.00	20.41 -0.35 0.00	22.19 -0.38 0.00	23.21 -0.45 0.00	27.14 -0.44 0.00	31.98 -0.49 0.00	42.13 -0.68 0.00	47.54 -0.72 0.00	48.64 -0.49 0.00	43.46 -0.53 0.00	38.98 -0.51 0.00	33.19 -0.30 0.00	28.20 -0.26 0.00
SYRACUSE___POWER 24017	25.70 -0.31 0.00	23.83 -0.31 0.00	21.58 -0.28 0.00	20.95 -0.25 0.00	20.17 -0.27 0.00	21.90 -0.24 0.00	23.27 -0.31 0.00	22.93 -0.33 0.00	19.22 -0.31 0.00	17.24 -0.30 0.00	18.30 -0.32 0.00	18.72 -0.32 0.00	20.41 -0.35 0.00	22.17 -0.41 0.00	23.19 -0.47 0.00	27.11 -0.47 0.00	31.95 -0.52 0.00	42.08 -0.73 0.00	47.49 -0.77 0.00	48.54 -0.59 0.00	43.37 -0.62 0.00	38.90 -0.59 0.00	33.12 -0.37 0.00	28.14 -0.31 0.00
TALLMAN__138KV_BK151 55660	26.56 0.55 0.00	24.63 0.48 0.00	22.26 0.39 0.00	21.52 0.32 0.00	20.74 0.31 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.77 0.51 0.00	20.18 0.64 0.00	18.19 0.65 0.00	19.38 0.76 0.00	19.90 0.86 0.00	21.76 1.00 0.00	23.59 1.02 0.00	24.85 1.18 0.00	28.94 1.32 -0.04	33.93 1.46 0.00	44.61 1.80 0.00	50.00 1.74 0.00	50.71 1.57 0.00	45.39 1.41 0.00	40.87 1.38 0.00	34.43 0.94 0.00	29.14 0.68 0.00
TEALLAVE_115KV_TB7 355573	25.62 -0.39 0.00	23.76 -0.39 0.00	21.52 -0.35 0.00	20.89 -0.32 0.00	20.13 -0.31 0.00	21.83 -0.31 0.00	23.20 -0.38 0.00	22.86 -0.40 0.00	19.16 -0.37 0.00	17.19 -0.35 0.00	18.24 -0.37 0.00	18.66 -0.38 0.00	20.35 -0.42 0.00	22.13 -0.45 0.00	23.12 -0.54 0.00	27.03 -0.55 0.00	31.82 -0.65 0.00	41.87 -0.94 0.00	47.25 -1.01 0.00	48.30 -0.84 0.00	43.19 -0.79 0.00	38.74 -0.75 0.00	33.02 -0.47 0.00	28.06 -0.40 0.00
TELGRAPH_34_KV_EAST 80808	25.78 -0.23 0.00	23.91 -0.24 0.00	21.78 -0.09 0.00	21.05 -0.15 0.00	20.21 -0.22 0.00	22.28 0.13 0.00	23.34 -0.24 0.00	22.72 -0.53 0.00	18.93 -0.61 0.00	16.94 -0.60 0.00	18.02 -0.60 0.00	18.53 -0.51 0.00	20.25 -0.52 0.00	21.88 -0.70 0.00	22.88 -0.78 0.00	26.78 -0.80 0.00	31.10 -1.36 0.00	40.46 -2.35 0.00	46.05 -2.22 0.00	47.71 -1.42 0.00	42.53 -1.45 0.00	38.34 -1.15 0.00	33.19 -0.30 0.00	28.77 0.31 0.00
TEMPLE___115KV_TB 2 55572	25.65 -0.36 0.00	23.79 -0.36 0.00	21.54 -0.33 0.00	20.91 -0.30 0.00	20.13 -0.31 0.00	21.85 -0.29 0.00	23.20 -0.38 0.00	22.86 -0.40 0.00	19.16 -0.37 0.00	17.21 -0.33 0.00	18.24 -0.37 0.00	18.68 -0.36 0.00	20.37 -0.39 0.00	22.13 -0.45 0.00	23.14 -0.52 0.00	27.06 -0.52 0.00	31.85 -0.62 0.00	41.91 -0.90 0.00	47.30 -0.97 0.00	48.35 -0.79 0.00	43.19 -0.79 0.00	38.74 -0.75 0.00	33.02 -0.47 0.00	28.06 -0.40 0.00
TIANA____69_KV_BK 1 55817	26.93 0.91 0.00	24.80 0.65 0.00	22.50 0.63 0.00	21.61 0.40 0.00	20.68 0.25 0.00	22.39 0.24 0.00	23.88 0.31 0.00	23.79 0.53 0.00	20.84 1.31 0.00	18.78 1.25 0.00	19.83 1.21 -0.01	20.34 1.29 -0.01	22.27 1.50 -0.01	28.59 1.56 -4.46	32.42 1.77 -6.98	34.03 2.10 -4.36	37.52 2.44 -2.62	45.69 2.87 -0.01	51.16 2.90 0.00	51.30 2.16 0.00	46.05 2.07 0.00	41.30 1.82 0.00	35.10 1.61 0.00	29.45 1.00 0.00



TILDEN___115KV_TB1 80814	25.70 -0.31 0.00	23.83 -0.31 0.00	21.58 -0.28 0.00	20.95 -0.25 0.00	20.17 -0.27 0.00	21.90 -0.24 0.00	23.27 -0.31 0.00	22.93 -0.33 0.00	19.22 -0.31 0.00	17.24 -0.30 0.00	18.30 -0.32 0.00	18.72 -0.32 0.00	20.41 -0.35 0.00	22.17 -0.41 0.00	23.19 -0.47 0.00	27.11 -0.47 0.00	31.95 -0.52 0.00	42.08 -0.73 0.00	47.49 -0.77 0.00	48.54 -0.59 0.00	43.37 -0.62 0.00	38.90 -0.59 0.00	33.12 -0.37 0.00	28.14 -0.31 0.00
TRIGEN___CC 323695	26.95 0.94 0.00	24.90 0.75 0.00	22.52 0.66 0.00	21.69 0.49 0.00	20.80 0.37 0.00	22.50 0.35 0.00	24.07 0.50 0.00	23.96 0.70 0.00	20.61 1.07 0.00	18.59 1.05 0.00	19.78 1.15 -0.02	20.31 1.26 -0.02	22.20 1.41 -0.02	31.88 1.42 -7.88	37.59 1.59 -12.34	37.01 1.77 -7.67	39.05 1.95 -4.63	45.18 2.35 -0.02	50.73 2.46 0.00	51.05 1.92 0.00	45.79 1.80 0.00	41.19 1.70 0.00	35.00 1.51 0.00	29.48 1.02 0.00
TRINITY___115KV___4 BK 55933	26.07 0.05 0.00	24.22 0.07 0.00	22.00 0.13 0.00	21.29 0.08 0.00	20.50 0.06 0.00	22.16 0.02 0.00	23.65 0.07 0.00	23.38 0.12 0.00	19.67 0.14 0.00	17.66 0.12 0.00	18.73 0.11 0.00	19.15 0.11 0.00	20.89 0.12 0.00	22.71 0.14 0.00	23.85 0.19 0.00	27.69 0.14 0.03	32.66 0.19 0.00	43.15 0.34 0.00	48.56 0.29 0.00	49.18 0.05 0.00	44.03 0.04 0.00	39.61 0.12 0.00	33.42 -0.07 0.00	28.31 -0.14 0.00
UNION___PROCESSING_DRP 323587	25.78 -0.23 0.00	23.91 -0.24 0.00	21.65 -0.22 0.00	21.03 -0.17 0.00	20.21 -0.22 0.00	22.05 -0.09 0.00	23.32 -0.26 0.00	22.89 -0.37 0.00	19.10 -0.43 0.00	17.12 -0.42 0.00	18.17 -0.45 0.00	18.64 -0.40 0.00	20.37 -0.39 0.00	22.06 -0.52 0.00	23.05 -0.62 0.00	27.00 -0.58 0.00	31.56 -0.91 0.00	41.36 -1.46 0.00	46.87 -1.40 0.00	48.25 -0.88 0.00	43.15 -0.84 0.00	38.74 -0.75 0.00	33.29 -0.20 0.00	28.49 0.03 0.00
UPPER HUDSON___HYD 24058	27.24 1.22 0.00	25.31 1.16 0.00	22.96 1.09 0.00	22.24 1.04 0.00	21.38 0.94 0.00	23.25 1.11 0.00	24.73 1.16 0.00	24.38 1.12 0.00	20.33 0.80 0.00	18.17 0.63 0.00	19.06 0.45 0.00	19.46 0.42 0.00	21.16 0.39 0.00	23.07 0.50 0.00	24.23 0.57 0.00	28.29 0.74 0.03	33.63 1.17 0.00	44.99 2.18 0.00	50.87 2.60 0.00	51.93 2.80 0.00	46.49 2.51 0.00	41.66 2.17 0.00	35.27 1.77 0.00	29.77 1.31 0.00
UPPER RAQUET___HYD 24056	26.77 0.75 0.00	24.90 0.75 0.00	22.54 0.68 0.00	21.88 0.68 0.00	21.11 0.67 0.00	22.96 0.82 0.00	24.33 0.75 0.00	23.93 0.67 0.00	19.94 0.41 0.00	17.89 0.35 0.00	18.97 0.35 0.00	19.33 0.29 0.00	21.06 0.29 0.00	22.98 0.41 0.00	24.11 0.45 0.00	27.97 0.39 0.00	32.98 0.52 0.00	43.46 0.64 0.00	49.33 1.06 0.00	50.17 1.03 0.00	45.12 1.14 0.00	40.48 0.99 0.00	34.46 0.97 0.00	29.48 1.02 0.00
VALLEY44_115KV_TB2 355964	25.55 -0.47 0.00	23.74 -0.41 0.00	21.52 -0.35 0.00	20.86 -0.34 0.00	20.09 -0.35 0.00	21.97 -0.18 0.00	23.15 -0.42 0.00	22.56 -0.70 0.00	18.79 -0.74 0.00	16.84 -0.70 0.00	17.98 -0.63 0.00	18.49 -0.55 0.00	20.21 -0.56 0.00	21.76 -0.81 0.00	22.91 -0.76 0.00	26.75 -0.83 0.00	31.01 -1.46 0.00	40.24 -2.57 0.00	45.90 -2.37 0.00	47.61 -1.52 0.00	42.27 -1.72 0.00	38.07 -1.42 0.00	32.82 -0.67 0.00	28.34 -0.11 0.00
VALLEY___115KV_TB 1-4 80826	26.30 0.29 0.00	24.46 0.31 0.00	22.17 0.31 0.00	21.48 0.28 0.00	20.70 0.27 0.00	22.41 0.27 0.00	23.88 0.31 0.00	23.56 0.30 0.00	19.75 0.21 0.00	17.73 0.19 0.00	18.82 0.20 0.00	19.23 0.19 0.00	20.95 0.19 0.00	22.83 0.25 0.00	23.95 0.28 0.00	27.91 0.33 0.00	32.86 0.39 0.00	43.37 0.56 0.00	48.89 0.63 0.00	49.87 0.74 0.00	44.64 0.66 0.00	40.08 0.59 0.00	33.96 0.47 0.00	28.86 0.40 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	26.72 0.70 0.00	24.85 0.70 0.00	22.52 0.66 0.00	21.82 0.61 0.00	21.01 0.57 0.00	22.72 0.58 0.00	24.21 0.64 0.00	23.86 0.60 0.00	19.94 0.41 0.00	17.89 0.35 0.00	18.99 0.37 0.00	19.42 0.38 0.00	21.16 0.39 0.00	23.05 0.47 0.00	24.28 0.62 0.00	28.35 0.77 0.00	33.38 0.91 0.00	44.10 1.28 0.00	49.72 1.45 0.00	50.90 1.77 0.00	45.57 1.58 0.00	40.83 1.34 0.00	34.60 1.11 0.00	29.40 0.94 0.00
VISCHER___FERRY HYD 24020	26.56 0.55 0.00	24.66 0.51 0.00	22.37 0.50 0.00	21.67 0.47 0.00	20.84 0.41 0.00	22.59 0.44 0.00	24.10 0.52 0.00	23.82 0.56 0.00	20.02 0.49 0.00	17.94 0.40 0.00	19.01 0.39 0.00	19.44 0.40 0.00	21.18 0.42 0.00	23.05 0.47 0.00	24.21 0.54 0.00	28.08 0.55 0.05	33.28 0.81 0.00	44.05 1.24 0.00	49.67 1.40 0.00	50.31 1.18 0.00	45.04 1.05 0.00	40.40 0.91 0.00	34.13 0.63 0.00	28.94 0.48 0.00
V_A_10_SYNC_DSASP 323832	25.57 -0.44 0.00	23.74 -0.41 0.00	21.47 -0.39 0.00	20.86 -0.34 0.00	20.07 -0.37 0.00	21.90 -0.24 0.00	23.04 -0.54 0.00	22.54 -0.72 0.00	18.83 -0.70 0.00	16.85 -0.68 0.00	17.94 -0.67 0.00	18.43 -0.61 0.00	20.14 -0.62 0.00	21.74 -0.84 0.00	22.79 -0.88 0.00	26.59 -0.99 0.00	30.88 -1.59 0.00	40.16 -2.65 0.00	45.61 -2.65 0.00	47.12 -2.01 0.00	42.09 -1.89 0.00	37.99 -1.50 0.00	32.82 -0.67 0.00	28.29 -0.17 0.00
V_CMM_10_SYNC_DSASP 323787	26.41 0.39 0.00	24.56 0.41 0.00	22.22 0.35 0.00	21.56 0.36 0.00	20.80 0.37 0.00	22.59 0.44 0.00	24.03 0.45 0.00	23.65 0.40 0.00	19.81 0.27 0.00	17.77 0.23 0.00	18.86 0.24 0.00	19.25 0.21 0.00	20.98 0.21 0.00	22.85 0.27 0.00	23.95 0.28 0.00	27.91 0.33 0.00	32.86 0.39 0.00	43.37 0.56 0.00	49.04 0.77 0.00	49.82 0.69 0.00	44.69 0.70 0.00	40.04 0.55 0.00	33.99 0.50 0.00	28.97 0.51 0.00
V_CMP_10_SYNC_DSASP 323788	26.93 0.91 0.00	25.02 0.87 0.00	22.63 0.76 0.00	21.97 0.76 0.00	21.21 0.78 0.00	23.07 0.93 0.00	24.55 0.97 0.00	24.17 0.91 0.00	20.22 0.68 0.00	18.14 0.60 0.00	19.23 0.61 0.00	19.63 0.59 0.00	21.39 0.62 0.00	23.32 0.74 0.00	24.44 0.78 0.00	28.52 0.94 0.00	33.57 1.10 0.00	44.31 1.50 0.00	50.25 1.98 0.00	50.95 1.82 0.00	45.65 1.67 0.00	40.95 1.46 0.00	34.66 1.17 0.00	29.51 1.05 0.00
V_D_10_SYNC_DSASP 323841	26.67 0.65 0.00	24.80 0.65 0.00	22.43 0.57 0.00	21.78 0.57 0.00	21.01 0.57 0.00	22.83 0.69 0.00	24.26 0.68 0.00	23.86 0.60 0.00	19.96 0.43 0.00	17.91 0.37 0.00	19.01 0.39 0.00	19.38 0.34 0.00	21.12 0.35 0.00	23.03 0.45 0.00	24.16 0.50 0.00	28.13 0.55 0.00	33.12 0.65 0.00	43.71 0.90 0.00	49.47 1.21 0.00	50.27 1.13 0.00	45.12 1.14 0.00	40.48 0.99 0.00	34.33 0.84 0.00	29.28 0.83 0.00
V_E_10_SYNC_DSASP 323830	27.47 1.46 0.00	25.60 1.45 0.00	23.22 1.36 0.00	22.54 1.34 0.00	21.72 1.29 0.00	23.54 1.40 0.00	24.97 1.39 0.00	24.49 1.23 0.00	20.18 0.64 0.00	17.99 0.46 0.00	19.01 0.39 0.00	19.40 0.36 0.00	21.06 0.29 0.00	23.03 0.45 0.00	24.35 0.69 0.00	28.63 1.05 0.00	33.83 1.36 0.00	45.04 2.22 0.00	51.11 2.85 0.00	53.02 3.88 0.00	47.32 3.34 0.00	42.29 2.80 0.00	35.84 2.34 0.00	30.45 1.99 0.00



V_F_30_NSYNC___DSASP 323816	26.95 0.94 0.00	25.04 0.89 0.00	22.72 0.85 0.00	22.01 0.81 0.00	21.15 0.71 0.00	22.96 0.82 0.00	24.45 0.87 0.00	24.12 0.86 0.00	20.18 0.64 0.00	18.03 0.49 0.00	19.06 0.45 0.00	19.46 0.42 0.00	21.20 0.44 0.00	23.10 0.52 0.00	24.26 0.59 0.00	28.26 0.72 0.04	33.54 1.07 0.00	44.57 1.76 0.00	50.29 2.03 0.00	51.20 2.06 0.00	45.83 1.85 0.00	41.11 1.62 0.00	34.76 1.27 0.00	29.42 0.97 0.00
V_F_30_SYNC_DSASP 323786	26.15 0.13 0.00	24.29 0.14 0.00	22.06 0.20 0.00	21.35 0.15 0.00	20.56 0.12 0.00	22.25 0.11 0.00	23.72 0.14 0.00	23.45 0.19 0.00	19.71 0.18 0.00	17.70 0.16 0.00	18.76 0.15 0.00	19.19 0.15 0.00	20.91 0.15 0.00	22.76 0.18 0.00	23.90 0.24 0.00	27.74 0.19 0.03	32.76 0.29 0.00	43.28 0.47 0.00	48.70 0.43 0.00	49.38 0.25 0.00	44.20 0.22 0.00	39.73 0.24 0.00	33.56 0.07 0.00	28.43 -0.03 0.00
V_XM_10_SYNC_DSASP 323789	26.93 0.91 0.00	25.02 0.87 0.00	22.63 0.76 0.00	21.97 0.76 0.00	21.21 0.78 0.00	23.07 0.93 0.00	24.55 0.97 0.00	24.17 0.91 0.00	20.22 0.68 0.00	18.14 0.60 0.00	19.23 0.61 0.00	19.63 0.59 0.00	21.39 0.62 0.00	23.32 0.74 0.00	24.44 0.78 0.00	28.52 0.94 0.00	33.57 1.10 0.00	44.31 1.50 0.00	50.25 1.98 0.00	50.95 1.82 0.00	45.65 1.67 0.00	40.95 1.46 0.00	34.66 1.17 0.00	29.51 1.05 0.00
W.BABYLN_69_KV_BK1 56697	27.24 1.22 0.00	25.11 0.97 0.00	22.74 0.87 0.00	21.86 0.66 0.00	20.95 0.51 0.00	22.67 0.53 0.00	24.24 0.66 0.00	24.14 0.88 0.00	20.90 1.37 0.00	18.84 1.30 0.00	20.04 1.41 -0.01	20.57 1.52 -0.01	22.50 1.72 -0.01	29.28 1.78 -4.92	33.33 1.96 -7.71	34.67 2.29 -4.80	37.96 2.60 -2.89	45.91 3.08 -0.01	51.50 3.23 0.00	51.69 2.55 0.00	46.36 2.38 0.00	41.62 2.13 0.00	35.43 1.94 0.00	29.79 1.34 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	26.69 0.68 0.00	24.73 0.58 0.00	22.35 0.48 0.00	21.61 0.40 0.00	20.82 0.39 0.00	22.47 0.33 0.00	24.07 0.50 0.00	23.86 0.60 0.00	20.25 0.72 0.00	18.26 0.72 0.00	19.45 0.84 0.00	19.97 0.93 0.00	21.87 1.10 0.00	23.71 1.13 0.00	24.97 1.30 0.00	29.08 1.46 -0.04	34.12 1.66 0.00	44.82 2.01 0.00	50.25 1.98 0.00	50.95 1.82 0.00	45.65 1.67 0.00	41.07 1.58 0.00	34.60 1.11 0.00	29.28 0.83 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	26.82 0.81 0.00	24.82 0.68 0.00	22.46 0.59 0.00	21.69 0.49 0.00	20.91 0.47 0.00	22.54 0.40 0.00	24.17 0.59 0.00	24.00 0.74 0.00	20.45 0.92 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.22 1.18 0.00	22.12 1.35 0.00	23.98 1.40 0.00	25.25 1.59 0.00	29.39 1.77 -0.04	34.45 1.98 0.00	45.17 2.35 0.00	50.54 2.27 0.00	51.15 2.01 0.00	45.87 1.89 0.00	41.34 1.86 0.00	34.80 1.31 0.00	29.42 0.97 0.00
W50THST__13_KV_LOAD 356117	26.95 0.94 0.00	24.95 0.80 0.00	22.54 0.68 0.00	21.80 0.59 0.00	21.01 0.57 0.00	22.65 0.51 0.00	24.29 0.71 0.00	24.12 0.86 0.00	20.55 1.02 0.00	18.56 1.02 0.00	19.77 1.15 0.00	20.33 1.29 0.00	22.24 1.47 0.00	24.13 1.56 0.00	25.39 1.73 0.00	29.55 1.93 -0.04	34.64 2.18 0.00	45.42 2.61 0.00	50.83 2.56 0.00	51.44 2.31 0.00	46.14 2.16 0.00	41.54 2.05 0.00	35.00 1.51 0.00	29.60 1.14 0.00
WADING RIVER_IC_1 23522	26.56 0.55 0.00	24.49 0.34 0.00	22.21 0.35 0.00	21.33 0.13 0.00	20.39 -0.04 0.00	22.10 -0.04 0.00	23.60 0.02 0.00	23.54 0.28 0.00	20.64 1.11 0.00	18.59 1.05 0.00	19.57 0.95 -0.01	20.08 1.03 -0.01	21.98 1.20 -0.01	28.25 1.22 -4.46	32.06 1.42 -6.98	33.62 1.68 -4.35	37.03 1.95 -2.62	45.00 2.18 -0.01	50.44 2.17 0.00	50.56 1.43 0.00	45.39 1.41 0.00	40.71 1.23 0.00	34.66 1.17 0.00	29.00 0.54 0.00
WADING RIVER_IC_2 23547	26.56 0.55 0.00	24.49 0.34 0.00	22.21 0.35 0.00	21.33 0.13 0.00	20.39 -0.04 0.00	22.10 -0.04 0.00	23.60 0.02 0.00	23.54 0.28 0.00	20.64 1.11 0.00	18.59 1.05 0.00	19.57 0.95 -0.01	20.08 1.03 -0.01	21.98 1.20 -0.01	28.25 1.22 -4.46	32.06 1.42 -6.98	33.62 1.68 -4.35	37.03 1.95 -2.62	45.00 2.18 -0.01	50.44 2.17 0.00	50.56 1.43 0.00	45.39 1.41 0.00	40.71 1.23 0.00	34.66 1.17 0.00	29.00 0.54 0.00
WADING RIVER_IC_3 23601	26.56 0.55 0.00	24.49 0.34 0.00	22.21 0.35 0.00	21.33 0.13 0.00	20.39 -0.04 0.00	22.10 -0.04 0.00	23.60 0.02 0.00	23.54 0.28 0.00	20.64 1.11 0.00	18.59 1.05 0.00	19.57 0.95 -0.01	20.08 1.03 -0.01	21.98 1.20 -0.01	28.25 1.22 -4.46	32.06 1.42 -6.98	33.62 1.68 -4.35	37.03 1.95 -2.62	45.00 2.18 -0.01	50.44 2.17 0.00	50.56 1.43 0.00	45.39 1.41 0.00	40.71 1.23 0.00	34.66 1.17 0.00	29.00 0.54 0.00
WALDENNY_12_KV_BK2 80841	25.83 -0.18 0.00	23.98 -0.17 0.00	21.78 -0.09 0.00	21.10 -0.11 0.00	20.29 -0.14 0.00	22.25 0.11 0.00	23.34 -0.24 0.00	22.72 -0.53 0.00	18.97 -0.57 0.00	16.98 -0.56 0.00	18.09 -0.52 0.00	18.62 -0.42 0.00	20.37 -0.39 0.00	21.99 -0.59 0.00	23.07 -0.59 0.00	26.92 -0.66 0.00	31.17 -1.30 0.00	40.41 -2.40 0.00	46.05 -2.22 0.00	47.76 -1.38 0.00	42.49 -1.50 0.00	38.38 -1.11 0.00	33.22 -0.27 0.00	28.74 0.28 0.00
WALDEN___HYDRO 24148	26.56 0.55 0.00	24.63 0.48 0.00	22.26 0.39 0.00	21.52 0.32 0.00	20.74 0.31 0.00	22.41 0.27 0.00	24.00 0.42 0.00	23.72 0.47 0.00	20.10 0.57 0.00	18.08 0.54 0.00	19.25 0.63 0.00	19.74 0.70 0.00	21.62 0.85 0.00	23.48 0.90 0.00	24.71 1.04 0.00	28.80 1.19 -0.03	33.80 1.33 0.00	44.52 1.71 0.00	49.96 1.69 0.00	50.71 1.57 0.00	45.39 1.41 0.00	40.83 1.34 0.00	34.40 0.90 0.00	29.14 0.68 0.00
WARRENSBURG____ 23737	27.24 1.22 0.00	25.31 1.16 0.00	22.96 1.09 0.00	22.24 1.04 0.00	21.40 0.96 0.00	23.25 1.11 0.00	24.73 1.16 0.00	24.38 1.12 0.00	20.33 0.80 0.00	18.17 0.63 0.00	19.06 0.45 0.00	19.46 0.42 0.00	21.16 0.39 0.00	23.07 0.50 0.00	24.23 0.57 0.00	28.29 0.74 0.03	33.64 1.17 0.00	45.00 2.18 0.00	50.87 2.61 0.00	51.94 2.80 0.00	46.49 2.51 0.00	41.62 2.13 0.00	35.27 1.78 0.00	29.77 1.31 0.00
WATERSIDE___6 8 9 23538	26.93 0.91 0.00	24.92 0.77 0.00	22.52 0.66 0.00	21.78 0.57 0.00	21.01 0.57 0.00	22.41 0.27 0.00	24.00 0.42 0.00	23.91 0.65 0.00	20.41 0.88 0.00	18.47 0.93 0.00	19.67 1.06 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.02 1.44 0.00	25.27 1.61 0.00	29.39 1.77 -0.04	34.42 1.95 0.00	44.87 2.05 0.00	50.20 1.93 0.00	50.81 1.67 0.00	45.57 1.58 0.00	41.07 1.58 0.00	34.83 1.34 0.00	29.54 1.08 0.00
WATKINRD_115KV_LN8_ILLION 55919	26.20 0.18 0.00	24.34 0.19 0.00	22.06 0.20 0.00	21.39 0.19 0.00	20.62 0.18 0.00	22.32 0.18 0.00	23.77 0.19 0.00	23.45 0.19 0.00	19.67 0.14 0.00	17.66 0.12 0.00	18.74 0.13 0.00	19.17 0.13 0.00	20.89 0.12 0.00	22.73 0.16 0.00	23.85 0.19 0.00	27.80 0.22 0.00	32.76 0.29 0.00	43.20 0.39 0.00	48.70 0.43 0.00	49.63 0.49 0.00	44.42 0.44 0.00	39.88 0.39 0.00	33.79 0.30 0.00	28.71 0.26 0.00



WDELAWARE___HYD 323627	26.77 0.75 0.00	24.82 0.68 0.00	22.41 0.55 0.00	21.67 0.47 0.00	20.86 0.43 0.00	22.59 0.44 0.00	24.19 0.61 0.00	23.86 0.60 0.00	20.18 0.64 0.00	18.12 0.58 0.00	19.26 0.65 0.00	19.75 0.70 0.00	21.64 0.87 0.00	23.52 0.95 0.00	24.75 1.09 0.00	28.90 1.30 -0.02	33.96 1.49 0.00	44.87 2.05 0.00	50.34 2.07 0.00	51.25 2.11 0.00	45.87 1.89 0.00	41.19 1.70 0.00	34.73 1.24 0.00	29.39 0.94 0.00
WEST BABYLON___IC 23714	27.24 1.22 0.00	25.11 0.97 0.00	22.74 0.87 0.00	21.86 0.66 0.00	20.95 0.51 0.00	22.67 0.53 0.00	24.24 0.66 0.00	24.14 0.88 0.00	20.90 1.37 0.00	18.84 1.30 0.00	20.04 1.41 -0.01	20.57 1.52 -0.01	22.50 1.72 -0.01	29.28 1.78 -4.92	33.33 1.96 -7.71	34.67 2.29 -4.80	37.96 2.60 -2.89	45.91 3.08 -0.01	51.50 3.23 0.00	51.69 2.55 0.00	46.36 2.38 0.00	41.62 2.13 0.00	35.43 1.94 0.00	29.79 1.34 0.00
WEST CANADA___HYD 24049	26.01 0.00 0.00	24.15 0.00 0.00	21.89 0.02 0.00	21.20 0.00 0.00	20.43 0.00 0.00	22.14 0.00 0.00	23.58 0.00 0.00	23.26 0.00 0.00	19.55 0.02 0.00	17.54 0.00 0.00	18.61 0.00 0.00	19.04 0.00 0.00	20.77 0.00 0.00	22.58 0.00 0.00	23.69 0.02 0.00	27.61 0.03 0.00	32.50 0.03 0.00	42.90 0.09 0.00	48.32 0.05 0.00	49.23 0.10 0.00	44.03 0.04 0.00	39.53 0.04 0.00	33.49 0.00 0.00	28.46 0.00 0.00
WESTERN_NY_WIND 24143	26.09 0.08 0.00	24.17 0.02 0.00	22.02 0.15 0.00	21.31 0.11 0.00	20.43 0.00 0.00	22.52 0.38 0.00	23.70 0.12 0.00	23.07 -0.19 0.00	19.20 -0.33 0.00	17.17 -0.37 0.00	18.22 -0.39 0.00	18.72 -0.32 0.00	20.50 -0.27 0.00	22.13 -0.45 0.00	23.14 -0.52 0.00	27.17 -0.41 0.00	31.59 -0.88 0.00	41.27 -1.54 0.00	47.01 -1.25 0.00	48.69 -0.44 0.00	43.46 -0.53 0.00	39.05 -0.43 0.00	33.76 0.27 0.00	29.14 0.68 0.00
WESTOVER___LESR 323668	26.01 0.00 0.00	24.12 -0.02 0.00	21.84 -0.02 0.00	21.20 0.00 0.00	20.41 -0.02 0.00	22.16 0.02 0.00	23.53 -0.05 0.00	23.14 -0.12 0.00	19.36 -0.18 0.00	17.36 -0.18 0.00	18.46 -0.15 0.00	18.91 -0.13 0.00	20.64 -0.12 0.00	22.37 -0.20 0.00	23.50 -0.17 0.00	27.44 -0.14 0.00	32.21 -0.26 0.00	42.34 -0.47 0.00	47.88 -0.39 0.00	49.09 -0.05 0.00	43.81 -0.18 0.00	39.33 -0.16 0.00	33.52 0.03 0.00	28.60 0.14 0.00
WETHRSFD_WT_PWR 323626	25.86 -0.16 0.00	24.00 -0.14 0.00	21.71 -0.15 0.00	21.08 -0.13 0.00	20.41 -0.02 0.00	22.19 0.04 0.00	23.32 -0.26 0.00	22.73 -0.53 0.00	18.87 -0.66 0.00	16.87 -0.67 0.00	17.94 -0.67 0.00	18.43 -0.61 0.00	20.17 -0.60 0.00	21.81 -0.77 0.00	22.88 -0.78 0.00	26.75 -0.83 0.00	31.07 -1.40 0.00	40.46 -2.35 0.00	46.19 -2.07 0.00	47.95 -1.18 0.00	42.66 -1.32 0.00	38.54 -0.95 0.00	33.19 -0.30 0.00	28.63 0.17 0.00
WHAVSTOR_138KV_BK127 55557	26.59 0.57 0.00	24.63 0.48 0.00	22.26 0.39 0.00	21.52 0.32 0.00	20.74 0.31 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.77 0.51 0.00	20.18 0.64 0.00	18.19 0.65 0.00	19.38 0.76 0.00	19.90 0.86 0.00	21.76 1.00 0.00	23.59 1.02 0.00	24.85 1.18 0.00	28.94 1.32 -0.04	33.93 1.46 0.00	44.57 1.76 0.00	49.96 1.69 0.00	50.66 1.52 0.00	45.39 1.41 0.00	40.83 1.34 0.00	34.43 0.94 0.00	29.11 0.65 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	26.59 0.57 0.00	24.63 0.48 0.00	22.26 0.39 0.00	21.52 0.32 0.00	20.74 0.31 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.77 0.51 0.00	20.18 0.64 0.00	18.19 0.65 0.00	19.38 0.76 0.00	19.90 0.86 0.00	21.76 1.00 0.00	23.59 1.02 0.00	24.85 1.18 0.00	28.94 1.32 -0.04	33.93 1.46 0.00	44.57 1.76 0.00	49.96 1.69 0.00	50.66 1.52 0.00	45.39 1.41 0.00	40.83 1.34 0.00	34.43 0.94 0.00	29.11 0.65 0.00
WHITEHAL_115KV_TB1 80871	27.58 1.56 0.00	25.60 1.45 0.00	23.26 1.40 0.00	22.54 1.34 0.00	21.64 1.21 0.00	23.58 1.44 0.00	25.06 1.49 0.00	24.70 1.44 0.00	20.53 1.00 0.00	18.31 0.77 0.00	19.23 0.61 0.00	19.59 0.55 0.00	21.31 0.54 0.00	23.25 0.68 0.00	24.45 0.78 0.00	28.56 1.02 0.04	34.09 1.62 0.00	45.60 2.78 0.00	51.65 3.38 0.00	52.77 3.64 0.00	47.24 3.25 0.00	42.21 2.72 0.00	35.77 2.28 0.00	30.16 1.71 0.00
WHITEPLN_13_KV_LOAD 356215	26.90 0.88 0.00	24.95 0.80 0.00	22.52 0.66 0.00	21.80 0.59 0.00	20.95 0.51 0.00	22.61 0.46 0.00	24.24 0.66 0.00	24.07 0.81 0.00	20.45 0.92 0.00	18.42 0.88 0.00	19.64 1.02 0.00	20.16 1.12 0.00	22.08 1.31 0.00	23.93 1.35 0.00	25.23 1.56 0.00	29.39 1.77 0.00	34.45 1.98 0.00	45.34 2.53 0.00	50.73 2.46 0.00	51.35 2.21 0.00	46.01 2.02 0.00	41.46 1.97 0.00	34.90 1.41 0.00	29.54 1.08 0.00
WM_FLOYD_69_KV_BK2 356380	26.82 0.81 0.00	24.73 0.58 0.00	22.43 0.57 0.00	21.54 0.34 0.00	20.62 0.18 0.00	22.32 0.18 0.00	23.84 0.26 0.00	23.77 0.51 0.00	20.74 1.21 0.00	18.70 1.16 0.00	19.76 1.14 -0.01	20.27 1.22 -0.01	22.17 1.39 -0.01	28.49 1.44 -4.47	32.29 1.63 -6.99	33.90 1.96 -4.36	37.33 2.24 -2.63	45.39 2.57 -0.01	50.87 2.61 0.00	51.00 1.87 0.00	45.83 1.85 0.00	41.11 1.62 0.00	35.00 1.51 0.00	29.37 0.91 0.00
WOODARD___115KV_TB2 355635	25.60 -0.42 0.00	23.74 -0.41 0.00	21.49 -0.37 0.00	20.86 -0.34 0.00	20.11 -0.33 0.00	21.81 -0.33 0.00	23.18 -0.40 0.00	22.84 -0.42 0.00	19.14 -0.39 0.00	17.19 -0.35 0.00	18.22 -0.39 0.00	18.64 -0.40 0.00	20.33 -0.44 0.00	22.10 -0.47 0.00	23.10 -0.57 0.00	27.00 -0.58 0.00	31.79 -0.68 0.00	41.87 -0.94 0.00	47.25 -1.01 0.00	48.30 -0.84 0.00	43.15 -0.84 0.00	38.70 -0.79 0.00	32.96 -0.54 0.00	28.00 -0.46 0.00
WOODMERE_69_KV_BK1 55827	27.26 1.25 0.00	25.16 1.01 0.00	22.76 0.90 0.00	21.90 0.70 0.00	21.01 0.57 0.00	22.72 0.58 0.00	24.29 0.71 0.00	24.17 0.91 0.00	20.80 1.27 0.00	18.77 1.23 0.00	20.01 1.38 -0.01	20.54 1.49 -0.01	22.44 1.66 -0.01	31.51 1.72 -7.22	36.89 1.92 -11.31	36.76 2.15 -7.03	39.11 2.40 -4.24	45.82 3.00 -0.01	51.45 3.19 0.00	51.74 2.60 0.00	46.40 2.42 0.00	41.70 2.21 0.00	35.47 1.98 0.00	29.85 1.39 0.00
YORK___WARBASSE 23770	27.00 0.99 0.00	25.02 0.87 0.00	22.59 0.72 0.00	21.86 0.66 0.00	21.09 0.65 0.00	22.39 0.24 0.00	23.98 0.40 0.00	23.91 0.65 0.00	20.39 0.86 0.00	18.45 0.91 0.00	19.66 1.04 0.00	20.26 1.22 0.00	22.16 1.39 0.00	24.04 1.47 0.00	25.32 1.66 0.00	29.44 1.82 -0.04	34.51 2.05 0.00	44.91 2.10 0.00	50.39 2.12 0.00	51.00 1.87 0.00	45.74 1.76 0.00	41.07 1.58 0.00	35.03 1.54 0.00	29.71 1.25 0.00