



NExUS Needs Assessments Mon Nov 19 17:01:17 EST 2018

Need	Data on seasonal and diurnal load patterns to determine energy demands
Description	Changes in seasonal and diurnal load patterns (winter peaking=reduced demand due to warming; summer peaking = length of extreme heat waves + changing air conditioning saturation rates)
Type	<ul style="list-style-type: none"> - DATA: In situ Observations - DATA: Surveys and Preliminary Assessments - PRODUCTS: Projections (intra-annual to multi-decadal, including SLR and model down-scaling)
Focus Area	- Changes in Extremes of Weather and Climate
Discipline	- Physical Science
Sector	<ul style="list-style-type: none"> - Public Health and Safety - Infrastructure - Economic Resources
Region	- Regional Or State -- Mid-Atlantic
Source	New York State Energy Research and Development Authority (NYSERDA). 2011. ClimAID: Integrated Assessment for Effective Climate Change Adaptation Technical Report.