



NExUS Needs Assessments Fri Feb 15 18:14:42 EST 2019

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"> <li>- DATA: In situ Observations</li> <li>- DATA: Surveys and Preliminary Assessments</li> <li>- PRODUCTS: Projections (intra-annual to multi-decadal, including SLR and model down-scaling)</li> </ul>
Focus Area	- Changes in Extremes of Weather and Climate
Discipline	- Physical Science
Sector	<ul style="list-style-type: none"> <li>- Public Health and Safety</li> <li>- Infrastructure</li> <li>- Economic Resources</li> </ul>
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.