



Los Angeles County Grid Vulnerability to Extreme Heat



Extreme heat events compound climate change effects on energy use, particularly where the grid is most vulnerable to extreme peak demand. Funded by the Electric Program Investment Charge (EPIC), the project develops an in-depth analysis of future demand, grid response, and vulnerability due to increased (and prolonged) heat events in Southern California Edison territory. Current and future climate scenarios will project and evaluate how extreme heat incidences lead to strain on stations and substations, and whether they trigger peaker plant generation. With the release of the Fourth Climate Change Assessment in August 2018, researchers will offer grid operation guidance.



Image provided by the California Department of Water Resources Photoshelter Gallery (JRC_Los_Angeles_Hollywood—3.jpg)

For more information about Safeguarding California and Climate Change Adaptation efforts in California, visit <http://resources.ca.gov/climate/safeguarding/>