Hurricane Hardening

Hurricane season in the United States runs June 1 through November 30. As the intensity and frequency of storms have increased over the past decade, electric cooperatives whose territories are vulnerable to hurricanes have worked to improve their systems to minimize damage and disruptions from high winds and flooding and speed recovery times. Here are some of the key measures co-ops take to harden the grid.

Lightning Arresters

Install devices that divert surges from lightning strikes to keep power flowing



Vegetation

Conduct regular trimming and removal of trees within rights-of-way

Management

DA/FLISR

Deploy "self-healing" systems like distribution automation and fault location, isolation and service restoration to minimize the scope and duration of outages



Cutout. fuse

Wire Upgrades

Replace standard conductor with larger-diameter, coated "tree wire" to resist damage from wind and tree limbs





••••Underground power lines

