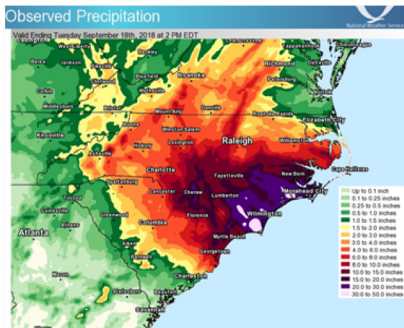


Resilience Modeling Methodology

Storm Use Case 1:
Hurricane Florence



Resiliency Scenario 1: Baseline

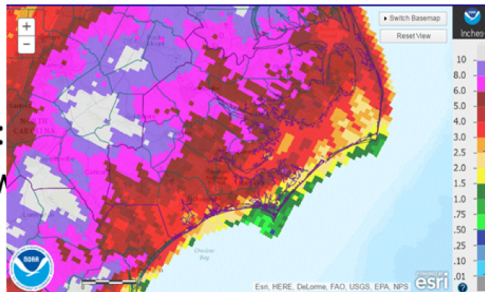
Resiliency Scenario 2: Proposed Grid Mod

Resiliency Scenario 3: Advanced

Economic / Societal
Impact Analysis

*How do the proposed
measures affect the
community & local
economy?*

Storm Use Case 2:
Hurricane Matthew



Resiliency Scenario 1: Baseline

Resiliency Scenario 2: Proposed Grid Mod

Resiliency Scenario 3: Advanced

Economic / Societal
Impact Analysis

*How do the proposed
measures affect the
community & local
economy?*



Resilience Modeling Methodology

- Scenario 1:
 - Where did outages occur in recent major storms?
 - What were the indirect impacts on the community and economy?
- Scenario 2:
 - How would impacts have changed under the Grid Improvement Plan?
- Scenario 3:
 - How would impacts have changed with a more flexible grid with more DERs and microgrids?

