EPRI Transmission and Substations Roadmap & Future States

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EPRI’s Mission

Advancing safe, reliable, affordable and environmentally responsible electricity for society through global collaboration, thought leadership and science & technology innovation.
Components of the T&S Roadmap

- **Mission**: What are the Transmission Owners’ objectives?
- **Drivers**: What is important when executing this Mission?
- **Future States**: Vision in 15-20 years to meet the Mission
- **Gaps**: What needs to be achieved for the Future States?
- **Action Plans**: What do we need to do to fill the Gaps?
Understand Degradation & Failure Modes

Develop New Materials & Components

Effective Selection, Specification & Application

Effective Inspection & Remediation

NEW Components and Materials

APPLY NEW MATERIALS & COMPONENTS WITH CONFIDENCE
Action Plans to Address Gaps: By Issue
Together…Shaping the Future of Electricity