

ENTERPRISE-WIDE OCCUPATIONAL HEALTH AND SAFETY

Learnings in this cross-cutting, asset-agnostic program are applicable to all types of electric utility operations. Examples of research topics addressed include:

Ergonomics • Fatigue Management • Serious Injury and Fatality (SIF) Prevention and Mitigation • Job-Site Hazard Identification
Vehicle/Driving Safety • Human Performance • Data Analytics

Generation of Electricity

Improving thermal and renewable plant safety and reliability through emergency management resources and enhanced human performance, and investigating safety improvement practices while reducing risks associated with waste management and radiation exposure.

- RADIATION SAFETY
- THERMAL PLANT SAFETY
- SOLAR GENERATION SAFETY
- WIND GENERATION SAFETY
- LOCKOUT/TAGOUT
- FLOW ACCELERATED CORROSION
- LIFTING AND RIGGING

Executive Peer Innovation Committee (EPIC) for Occupational Health and Safety

Advisory body serving a strategic oversight role for the entirety of EPRI's safety R&D portfolio. Participating senior management from member companies also engage in peer-to-peer sharing on topics of broad interest to the industry.

Delivery of Electricity

Addressing safety-related challenges facing asset owners and operators with research related to transmission and distribution infrastructure, substations, and energy storage.

- SF₆ HANDLING & SAFETY
- GROUNDING
- PERSONNEL PROTECTION
- BATTERY ENERGY STORAGE SAFETY
- OCCUPATIONAL EMF & RF EXPOSURE
- ROBOTIC & UAS INSPECTION
- SAFETY BY DESIGN
- PREVENTING & DETECTING LIVE DOWNED CONDUCTORS

Interest Groups

- Generation Safety Interest Group
- Transmission & Substations Safety Interest Group

www.epri.com/worker-health-and-safety