



SUSTAINABLE ENERGY RESILIENCE IN RURAL AND ISLAND COMMUNITIES

THURSDAY: SESSION 3, TRACK 2

SESSION CHAIRS

- Abraham Ellis, Sandia National Laboratories
- Stephen Walls, Department of Energy, Office of Electricity

PANELISTS

- Suzanne McDonald, Maine Island Institute
- Chris Rose, Alaska Renewable Energy Alaska Project
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SESSION ABSTRACT

Island and rural communities rely on infrastructure that is isolated or weakly connected to continental-scale infrastructures. For these reasons, these communities tend to be more susceptible to catastrophic consequences natural disasters such as storms. Following recent major events, rural and island communities and infrastructure operators are rapidly adapting planning, investment, operation strategies to include resilience concepts. This session will cover lessons learned, challenges, opportunities associated with island and rural community infrastructure resilience. It will describe ongoing initiatives led by the US Department of Energy in collaboration with community stakeholders to integrate resilience tools and best practices in disaster preparedness, mitigation and recovery efforts.

TOPICS

DOE/OE Resilience and Recovery efforts in Puerto Rico and the US Virgin Islands. DOE Energy Transition Initiative. Examples of resilience analysis and demonstrations. Technology and institutional sustainability aspects.