May 13
14:00 - 16:00
Room 20

Topic: Business

Climate change and power infrastructure: Adaptation needs of electric power systems

Programme

Chair: Elizabeth Durney – DNV GL, Energy

Time	Programme
14:00 – 14:15	**Quan Luna, Byron. (Strategic Research and Innovation DNV GL, Norway)** **Title of presentation: *Risk based adaptation of electrical substations. Integration of Bayesian Networks in a GIS environment***
14:15 – 14:20	**Q&A**
14:20 – 14:35	**Staid, Andrea.** **(Johns Hopkins University, United States of America)** **Title of presentation: *Sensitivity of the U.S. power system to climate-induced changes in tropical cyclone impacts***
14:35 – 14:40	**Q&A**
14:40 – 14:55	**Jones, Felicity.** **(Energy DNV GL, United Kingdom)** **Title of presentation: *From reactive to proactive: getting adaptation on the agenda in a high renewables future***
14:55 – 15:00	**Q&A**
15:00 – 15:15	**Groth, Markus;** **(Climate Service Center 2.0, Germany)** **Title of presentation: Climate change adaptation strategies within the framework of the German Energiewende – Is there a need for government interventions and legal obligations?**
15:15 – 15:20	**Q&A**
15:20 – 15:35	**Eisenack, Klaus.** **(University Oldenburg, Germany)** **Title of presentation: *Adapting long-lived infrastructure to uncertain climate change***
15:35 – 15:40	**Q&A**

Time	Programme
15:40 – 16:00	**Bolle, Anne C.** **(Statkraft, Norway)** **Title of presentation:** ***Multi-purpose hydropower projects. A sustainable approach to climate change adaptation***

Posters:

Exploring private responsibilities for adapting critical infrastructure to climate variability and change	Bonjean Stanton Ms, Muriel, Leeds
How Does Regulation Incentivize Adaptation of Network Infrastructure to Climate Change?	Pechan Ms, Anna, Oldenburg
Risk assessment of power networks subjected to hurricanes including climate change effects	Scherb, München