

**The 15th International Workshop on Electric Power Control Centers
Reykjavik, Iceland, May 12-15, 2019**

**Demonstration of real time probabilistic risk assessment for power system
operation and planning of operation**

Arne Brufladt Svendsen, Kristjan Pall Petursson

Promaps Technology AS

Sponsors/Vendors Panel

Promaps Technology AS has developed a probabilistic forecasting tools for decision support in operation- and planning of operation of power system. The commercialized simulation tool is currently in use in Norway and Iceland with DSO and TSO on the customer list.

The simulation tool Promaps Realtime will be demonstrated for the Icelandic power system over a period from live simulation with the new feature weather dependent failure rates weather. The probabilistic calculations have also been updated to be compliant with GARPUR framework for short term risk assessments.

Use cases TSO-TSO, TSO-DSO and TSO/DSO - large consumer of power

Please send the Abstract to dsobajic@gridengineering.com by April 12