

**S1-1 Requirements for Flexible and Back-up Capacity:  
Overview on a research by TF RESAP**

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Overview problematics: dispatchable-non dispatchable; Why this paper from EURELECTRIC?

- Current generation situation (data from EURPROG)
- Expected RES introduction (data Power Choices; double check with Members States' NREAPs)
- How the electricity system will change? (data from Power Choices)
- Need to accommodate RES introduction
- A stable and operational electricity system
- Development in European power market integration and harmonisation (source: from PCG, AHAG etc.)
- Development in transmission grid investments (source: ENTSO-E grid development plans)

**Susanne NIES**

Setting up new conventional capacity in Europe and EU regulation: an overview and critical assessment of legal projects

Susanne NIES is head of Unit of Eurelectric Unit Energy Policy and Power Generation

**Sam CROSS**

Intermittency perspectives: evidence from the national renewable action plans and Power Statistics, an overview.

Alternatively: Flexible Power Plants- Roadmap 2050...

The speaker is advisor of Eurelectric Unit Energy Policy and Power Generation