

Litgrid

PSS®ODMS Forecast Case Creation and Data Management Implementation

PSS®ODMS Forecast Case Creation & Data Management Baltic TSO



Service Territory: Lithuania, Europe
Ownership: Public (governmental)
Project Duration: 8 months (2017)

“Thanks a lot to all Siemens PTI team. Great communication, cooperation, and finally excellent results of the implementation of the project. I am very pleased and honored to have the opportunity to work with Siemens PTI.”

- Paulius Cicėnas, Project Manager, Litgrid

Initial Situation

- Regulatory requirements and standards landscape increasing (i.e. CGMES requirements and ENTSO-E activities) → causing modeling complexities
- “Unbearable” manual case creation process
- Need for a Multi-user database modeling environment and Node-breaker/bus-branch “hybrid” modeling

Solution

- Modeling and analysis solution to support ENTSO-E Network Code compliance with respect to near-term CGMES-compliant case creation
- Siemens PTI Portfolio:**
- PSS®ODMS licenses and case creation module, product customizations, installation / delivery services and training

Customer Benefits

- ENTSO-E CGMES compliance: generate future cases in both PSS®E and CGMES formats
- Automation of case assembly and data validation for operations planning eliminating manual process
- Increased data quality
- Interoperability with existing systems, including PSS®E

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The PSS® Suite as in Integrated Solution...

Network Model Management

Automated Case Creation

Integration:

- Outage schedule
- Load/generation forecasts
- Operational state data
- PSS®E
- Network models from neighboring TSOs

