

Siemens Ltd. Seoul, Prelude FLNG in South Korea

Commissioning of medium-voltage switchboards

Project description

Prelude FLNG is a floating facility currently under construction for Royal Dutch Shell whose purpose is to transport, liquefy, store and prepare natural gas for transshipment. When complete, it will be the first FLNG (Floating Liquefied Natural Gas) project to be realized and the largest floating offshore facility worldwide. Costing over 12 billion US dollars, the Prelude FLNG was ordered in July 2009 by a construction consortium consisting of Samsung Heavy Industries and the French systems manufacturer Technip. Construction began in October 2012.

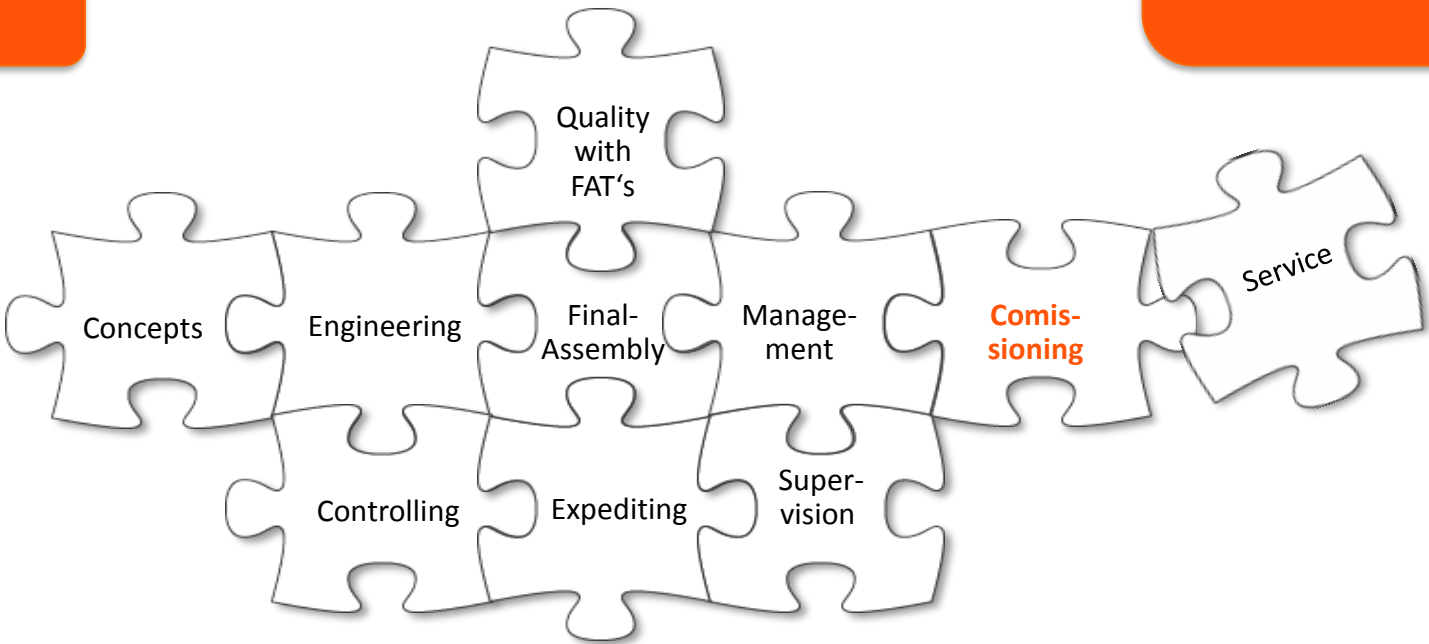


The role of INP Switzerland

INP Switzerland has been on-location since 2014 to commission the medium-voltage switchboards (11 and 33 kV). From 2014 until the end of the project, an average of five start-up engineers from INP Switzerland were present on the floating facility who held joint responsibility for the proper commissioning of the gas-insulated Siemens switchboards.

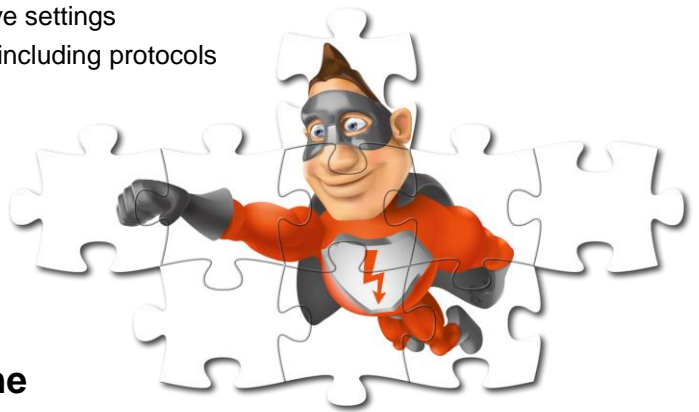
Smart E-Engineering-Services

Flexibility Throughout the Project



Commissioning of all medium-voltage switchboards

- Technical training provided to operating personnel
- Visual inspection
- Pre-commissioning (verification: mechanical, cabling, SF6 gas, connections, circuit diagrams)
- Resistance tests, testing control circuits, general electrical tests
- Verifying and adjusting the protective settings
- First switch-on and commissioning including protocols



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