POPS-B project follow-up

LIU-PSB Meeting 217 03 July 2018

Fulvio Boattini TE/EPC
POPS B

Main Power Converters
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MPC control electronics installation → end July (FGC, DCCT, DIVPAM, PLC...)

Cooling pipes connections → end July

LV Switchgears and cabling → end July

MV cables and cable heads → end August

Power transformers → end August

Magnetic and capacitor structures → end July

Dummy load → mid July
Main Power Converters
QTRIM Converters

First Prototype → October 2018
Tests → December 2018
Series production → September 2019
Commissioning → December 2019 (on full load)
TRIMS 14 and 23 Converters

COMET

Trims 14 → installed

Trims 23 → tests in December 2018
installation in February 2019
POPSB remaining activities

**EN-CV:** realization of water treatment unit and routing of chilled water to the roof
**EN/CV:** installation of air intake grids and modification of firebrigade cabinet

**EN/EL:** completion of LV power and auxiliary cabling and testing of the installation and installation of lights in ctrl room

**SMB/SE:** Installation of explosion vents
**SMB/SE:** Installation of blast doors
**SMB/SE:** Steel door for capa room S401
**SMB/SE:** Modification of floor plates in converter hall
**SMB/SE:** Completion of CTRL room

**BE/ICS:** Installation of smoke pipes on top of converters.

**TE/EPC:** Commissioning of the power converters
**TE/EPC:** Tests of fuses protection

**TE/MSC:** replacement of dumping resistors

- **LS2 / end 2018**
- **Mid August 2018**
- **End of August 2018**
- **End of July 2018**
- **Sept-Dec 2018**
- **End November**

**BC 76805 → ~30kCHF probably missing**