



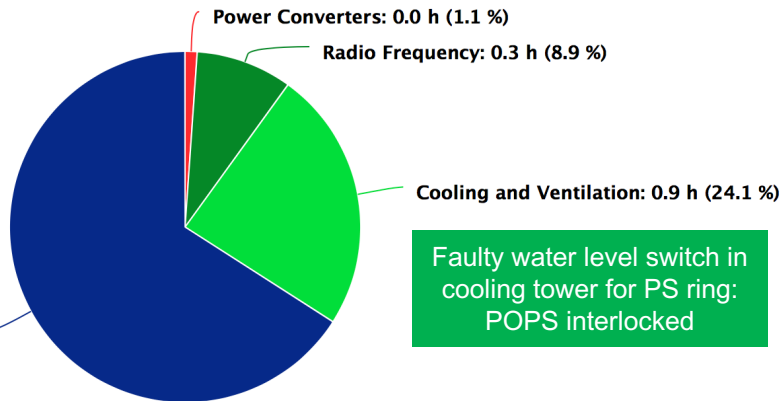
# Brief PS status 19 – 26 July 2018

Matthew on behalf of PS operations and supervisor team



# PS Fault Breakdown

F61.BHZ01

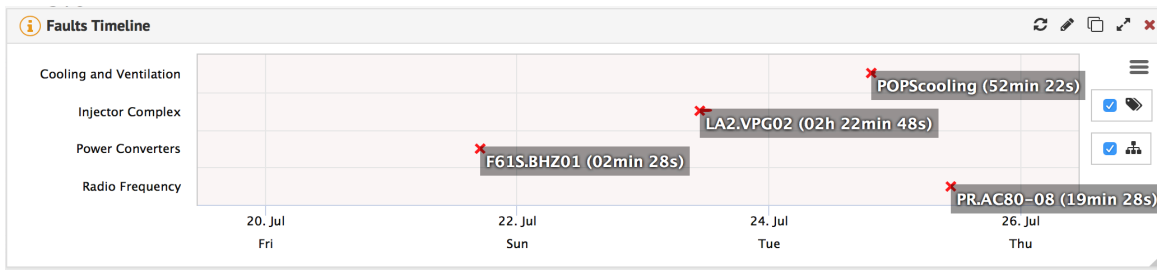


Planned access to repair vacuum leak in Linac2

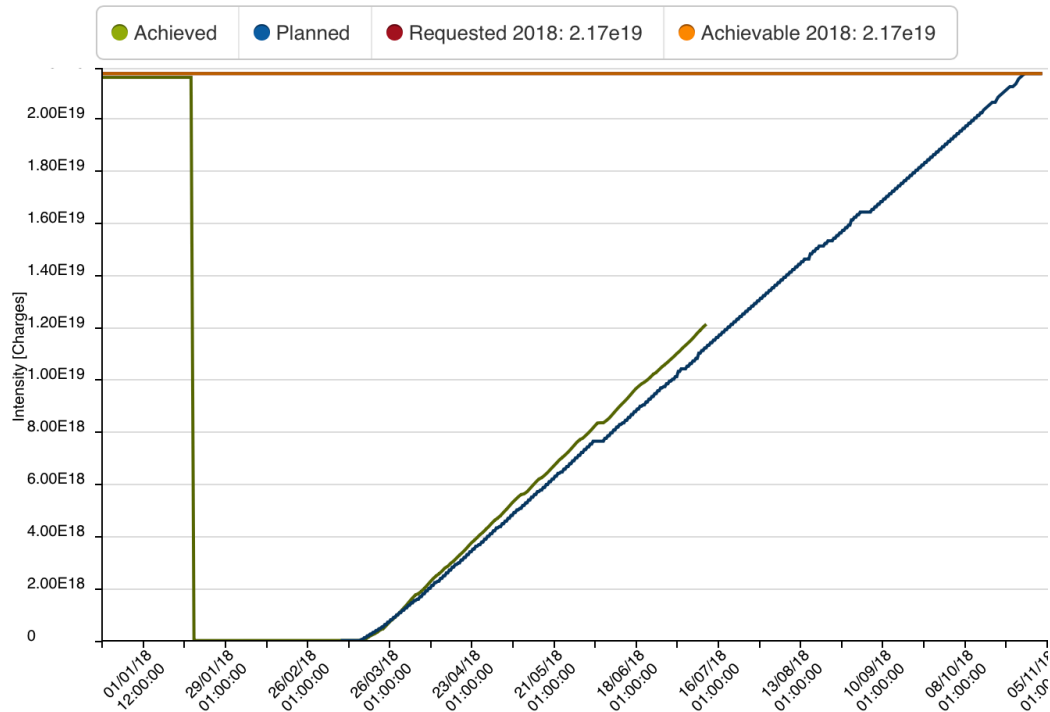
Faulty water level switch in cooling tower for PS ring: POPS interlocked

- Beams available/delivered:
  - LHC25 BCMS +MD variants
  - MTE at  $\sim 1350 \times 10^{10}$  ppp
  - Ions (2b) beam sent to SPS + LHC
- PS users in specification:
  - TOF at  $\sim 750 \times 10^1$  ppp
  - EAST\_North
  - EAST\_IRRAD-CHARM
  - AD (ready)

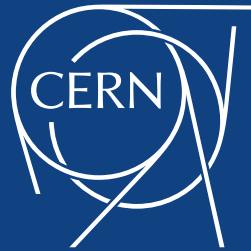
Average beam availability 98%



# nTOF Protons on Target - Status



- Up to this morning 26/7 we delivered  $1.22 \times 10^{19}$  POT
- This is 43% of the total intensity forecasted and 8% more than scheduled today
- New n-TOF cycle ready for deployment:
  - Lower losses in PS ring
  - Tentatively: next Wednesday 1 August



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