

# PS status Week49 (29/11-06/12/2018)

Denis Cotte, on behalf of PS operations and supervisor team

### Availability

84.5%

### Blocking Faults

12

### Total Faults

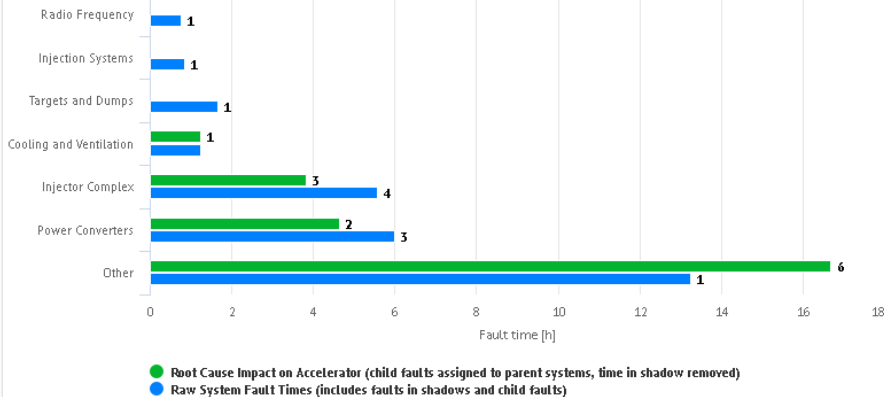
12

### Fault Duration (overlap excluded)

26.1h

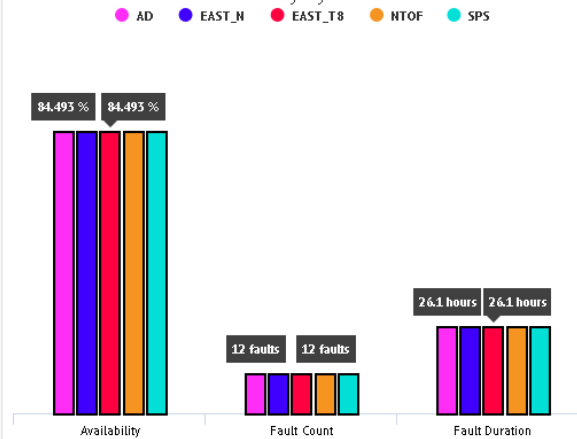
### Blocking Faults by Root Cause

#### System Downtime Vs Accelerator Impact

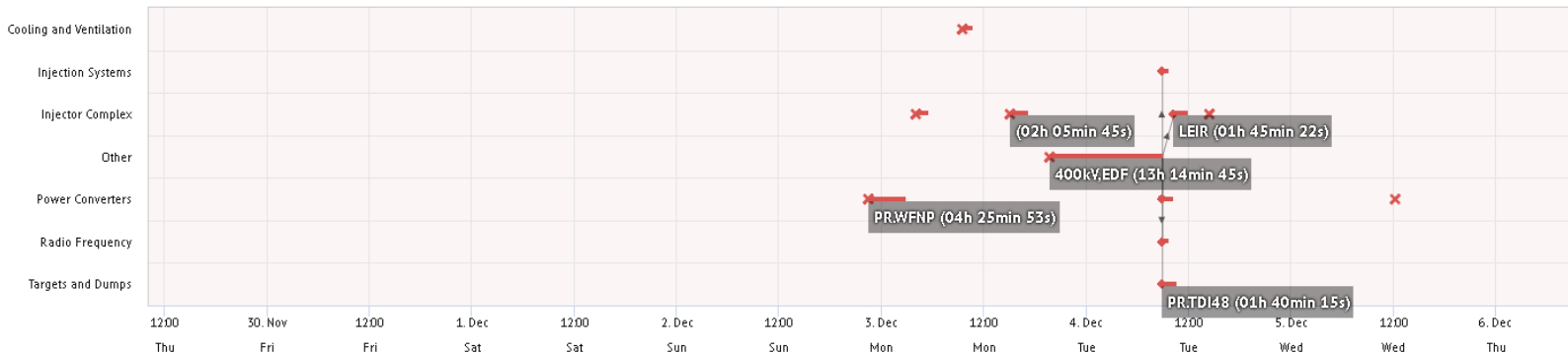


### Destination Availability

#### PS Availability by Destination



### Faults Timeline



# Status of beams

Fixed target beams	Status	Comment
ILHC#1b_Pb_New	Operational	<b>SPS Fixed target</b> End of run Monday 10/12/2018 at 6am
IEAST#1b_Pb	Operational	<b>IRRAD/CHARM</b> End of run Monday 03/12/2018 at 8am
<b>LHC-beams</b>	<b>Status</b>	<b>Last LHC Dump Monday 03/12/2018 at 4am</b>

# Main issues

- Sunday night, a **filter burned** on a PFW power supply. (4h25 without beam)
- Monday morning, **east area cooling** station was stopped for planned maintenance, however some circuits were still supplying some equipment in the PS.
  - 1h15 without any beam.
- Monday night, CERN-wide **blackout** following the **lightning storm**.  
Lightning strikes very close to the 400/66kV transformer in Preveessin site.
  - 13h with power limitation.(no beam)
  - +2h to restart PS/LEIR and put back the beam.