

PSB Operation: Last 2 Weeks

Availability

91.8%

Blocking Faults

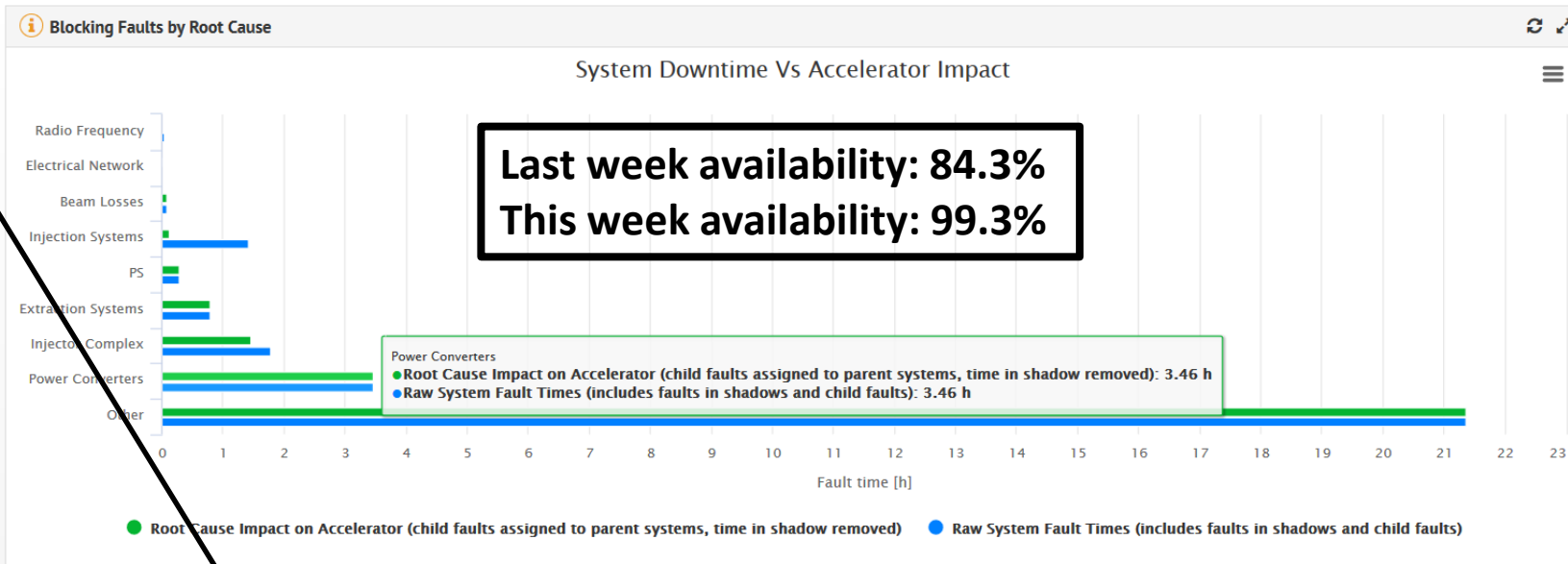
34

Total Faults

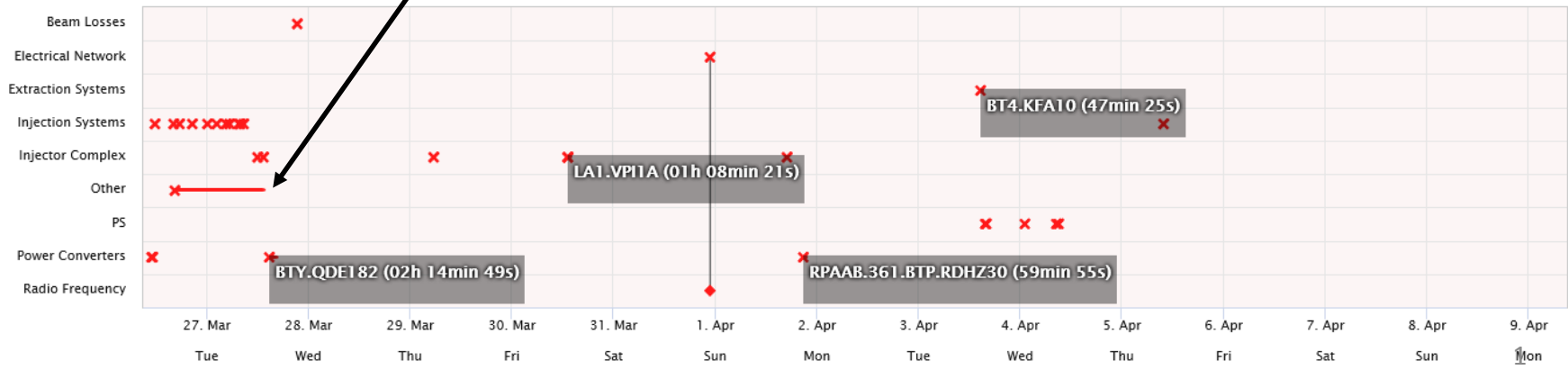
34

Fault Duration (overlap excluded)

27.6h



Cut BTY.BVT101 External Condition cable only affected ISOLDE destination! (Fault: Other)



PSB Operation: ISOLDE Commissioning

BTY line and Semgrid target steering to HRS/GPS done 23rd-25th March:

- ISOLDE Beam Permit signed Monday afternoon → Lock in **BTY.BVT101**
- **Cut cable for External Condition of BTY.BVT101** (and also for spare EC cable for BE.SMH15L1) → no beam possible to ISOLDE before Tuesday afternoon (thanks to BE-CO for cable repair!)
- After BTY.QDE182 First Line intervention steering to HRS done Tuesday evening/night
- **Beam profile too large in vertical** → optics changed on Wednesday (**experimentally**, as no optics model available) and HRS Semgrid target steering redone
- Semgrid target exchange Wednesday afternoon to GPS
- Semgrid target steering to GPS Wednesday night

- **2/698 (0.3%) cables cut during the last decabling campaign in the PSB.**
- **Plan to work on a procedure to test also the EIS during HW commissioning.**
- **BE-ABP will prepare an optics for the BTY line. Hopefully test this year and integrate it in YASP.**

PSB Operation: Beam Status

Beam	Status and Comments
LHCPROBE	Ok
LHCINDIV	Ok
LHC25	Ok
BCMS25	Ok
ISOGPS	Ok for intensity up to $\sim 850E10$ p/ring
ISOHRS	Ok for intensity up to $\sim 850E10$ p/ring
STAGISO	Ok
TOF	Ok, $880E10$ extracted
EAST1	Ok incl. parasitic TOF
EAST2	Ok incl. parasitic TOF
AD	Ok
MTE	~ 675 per ring. Eh: 9.2 -> 10.6 Ev: 4.4 -> 6.2
MTE_Low_Int	Ok

- Miscellania:
 - R1V WS calibration fixed (Thanks to Ana!)