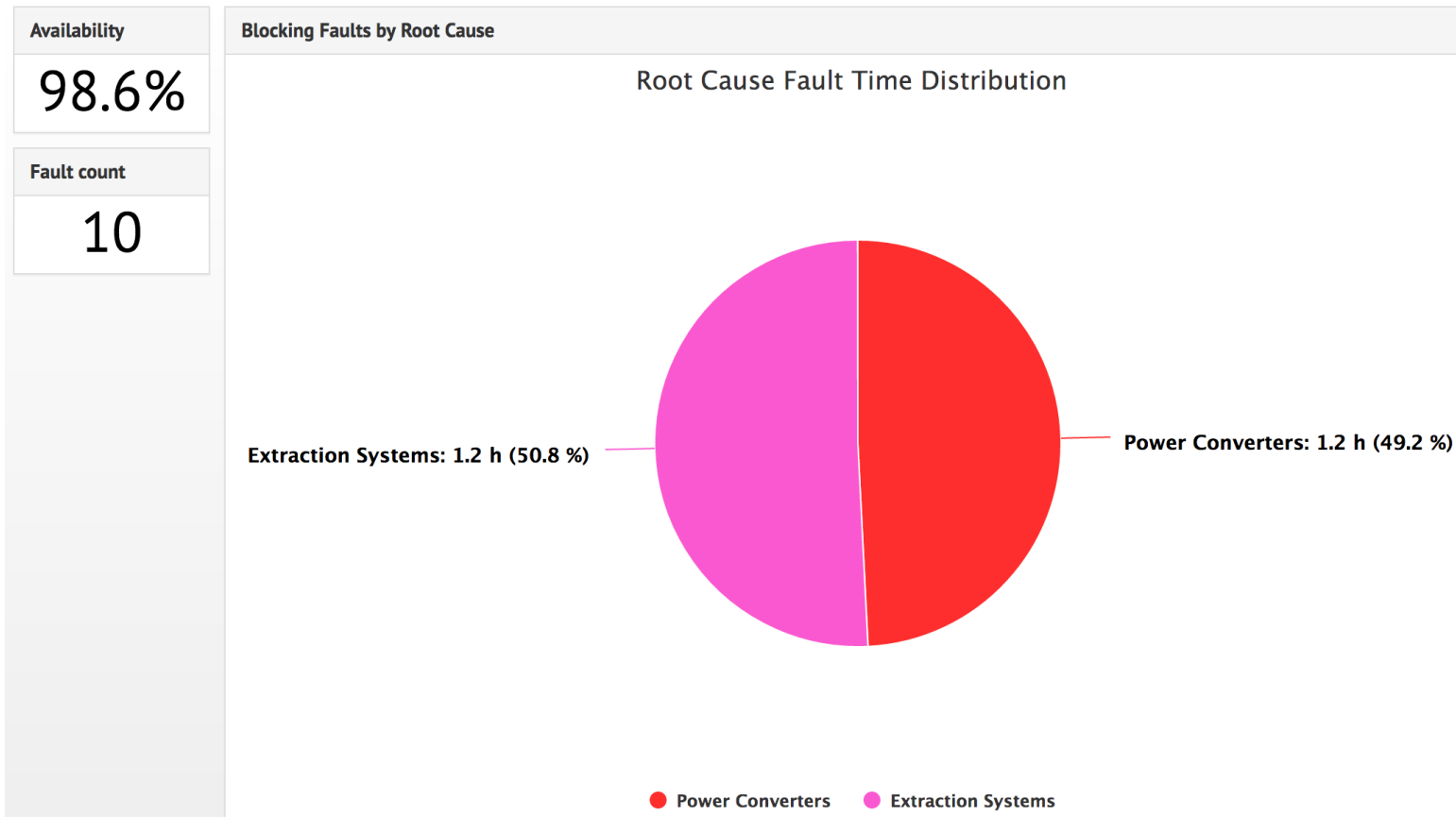


PSB Report – FOM 08/08/2017



- Main downtime: Resets and piquet intervention for ring 1 extraction kicker
- Power converter fault was affecting ISOLDE alone (BTY.BVT101)
- Some perturbation for ISOLDE Thursday evening due to Linac2 quad timing issue

PSB Report – FOM 08/08/2017

Beams:

- All operational beams available
- Important **MD activity**:
 - h=2 cycle with h=1 synchronisation (PSB & PS)
 - Longitudinal blowup using phase noise
 - Bunch flattening using triple harmonic capture on ring 0 (Finemet)
 - Emittance measurements along the cycle
 - Dispersion measurements

Operational issue:

- **Important ripple observed on QDE** (and on vertical tune); actually spare in use since 22nd of June; suspect a problem with the active filter
- To switch back to the operational power supply EPC first needs to repair the electromechanical switch required for the configuration exchange (broke in July)
- **Request 1.5h beam stop as soon as possible**