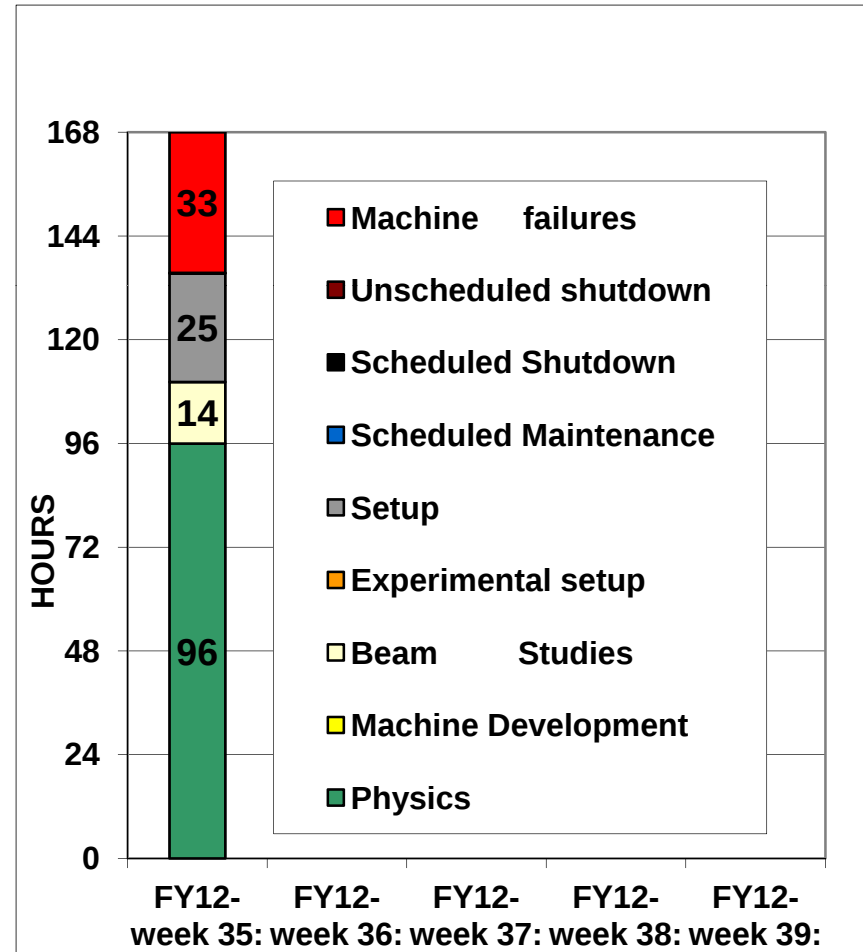
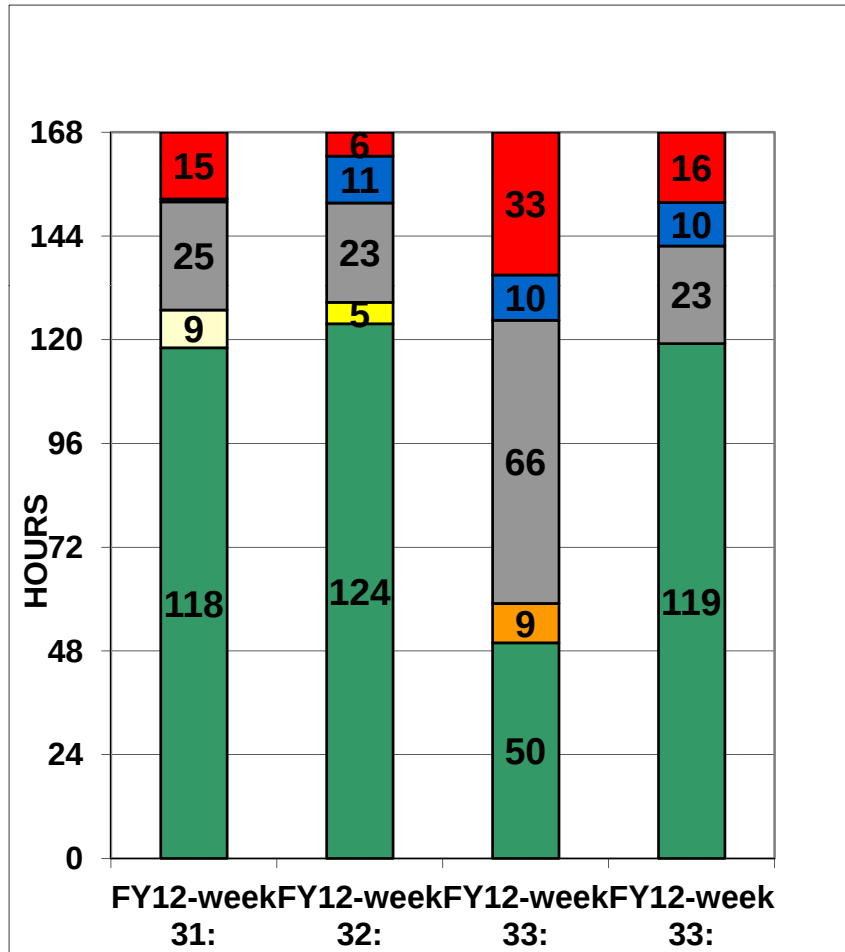


Availability May- June Run12

last week availability 80.6% previous week 89.7%



INTEGRATED FAILURES (>1 HR) BY SYSTEM JUNE 2012

Elec_Booster

Short on Input to Booster MMPS Xformer

Weather

Tstorm standown during recovery

Rf_RHIC

Y landau adjusted tuner thresholds

PPS_RHIC

Y abort prefire

PS_RHIC

Yi6-qs

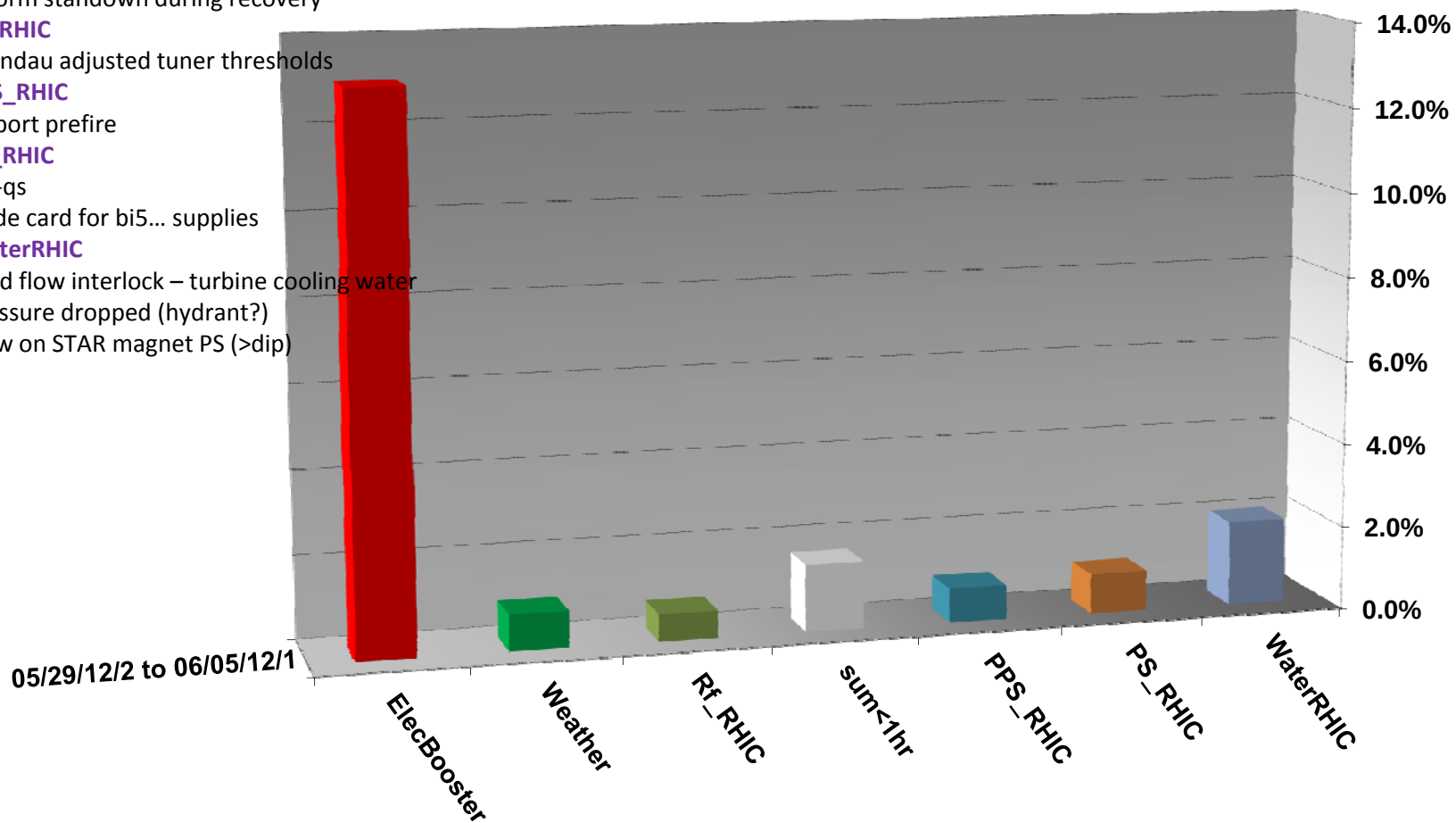
Node card for bi5... supplies

WaterRHIC

Lead flow interlock – turbine cooling water

pressure dropped (hydrant?)

Flow on STAR magnet PS (>dip)



05/29/12/2 to 06/05/12/1

“Power Dip” Friday 1 June 17:31

- Substation in Manorville
- Shorted feed to Booster MMPS transformer
- EXTENSIVE – entire lab – e.g. NSLS & surrounding community
- 24 hours elapsed before first attempt to “setup” RHIC
- 4 more hours to first Physics (3h fill) fits and starts
- 0620 Sunday fill 16951 lasted 12 hrs.

“Power Dip” Friday 1 June 17:31

- Still experiencing delayed effects
 - Booster B3 Rf needs attention ~ 15% loss in Au intensity
 - will be looked at Wednesday Maintenance
 - Booster orbit problem – tuned around and waited till Monday to repair 2 corrector supplies.
- Monday found RHIC IPM ps needed resets