



Accelerator Status

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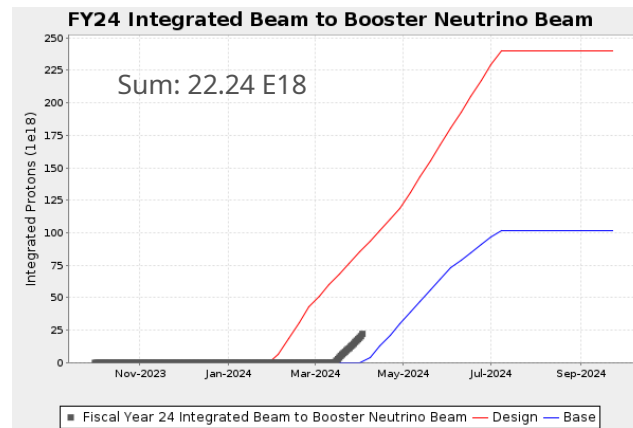
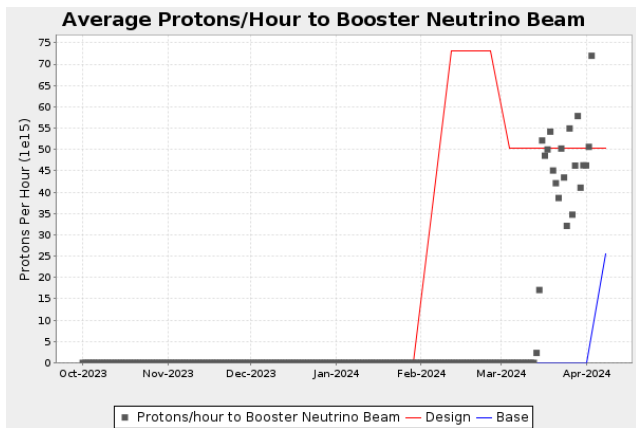
Proton PMG Meeting

2024-04-04

Recent Activities (Linac, MTA, Booster, BNB)

- Linac
 - Addressed various RF issues
 - Running well and supporting requests for beam
 - Working to improve efficiencies
- MTA
 - Provided beam to ITA experiment
 - In standby, ready for users

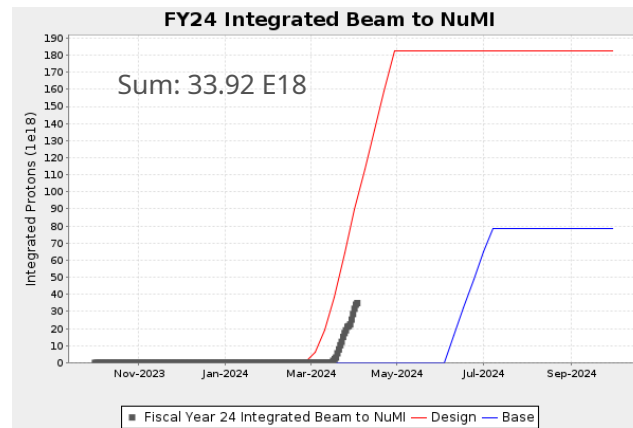
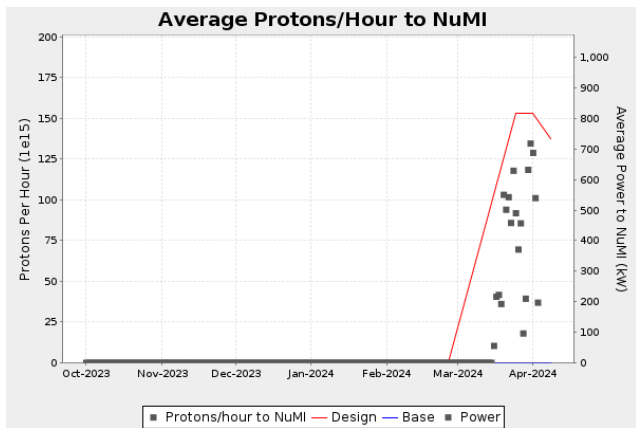
- Booster
 - Addressed various RF issues
 - Completed various GMPS and RF studies
 - Running well and supporting requests for beam
 - Working to increase intensities and reduce losses
- BNB
 - Completed target scans
 - Running well and supporting requests for beam



Recent Activities (MI & RR, NuMI)

- MI & RR
 - Addressed various RF issues
 - Replaced MI-40 pond pump cable
 - Investigating MI-40 sump and MI abort line vacuum issues
 - Inhibiting beam to NuMI
 - Otherwise, running well and supporting requests for beam
 - Working to increase intensities and reduce losses

- NuMI
 - Completed target scans
 - Repaired EQ104 and EQ109 magnet LCW leaks
 - Replaced bad capacitors in horn PS
 - Running well and supporting requests for beam



Recent Activities (Muon Campus, Switchyard, Neutrino Muon, Meson)

- Muon Campus
 - Reassembling D30 sector, following variety of shutdown work
 - Preparing to condition electrostatic septum, following repairs
 - Preparing for safety system testing and PS checkouts
 - Planning to resume Mu2e beam commissioning by end of April
- Switchyard
 - Addressed multiple F-Sector magnet LCW leaks
 - Completed enclosure interlock testing
 - Performing safety system testing and PS checkouts
 - Planning for initial beam in about two weeks
- Neutrino Muon
 - Addressed G1 stub line vacuum issues
 - Completed enclosure interlock testing
 - Performing safety system testing and PS checkouts
 - Planning for initial beam in about three weeks
- Meson
 - Addressed multiple magnet LCW leaks
 - Completed enclosure interlock testing
 - Preparing for safety system testing and PS checkouts
 - Planning for initial beam in about three weeks