

FAST / IOTA Shutdown 2023-2024

- IPI installation and commissioning is our highest priority. All hands on deck.
- **Electric:** -IOTA Bake GFCI breakers ([AD/Web 57570](#)) (no movement)
-ESB Laser Lab electrical work complete. Need Interlocks!!!
- **ES&H:** -LLSS in OSC Mode / New South Gate / **IPI Interlock Install**
- **IPI:** -ESB 480/120VAC Electric Req “being generated” (**T&M???**)
-Beamline under vacuum. DON'T TOUCH beamline stuff
- **Water:** -**Chiller repair POSTPONED** ([PO717353](#))
-NML sanitary line replacement to start Monday
- AD Shutdown'24: Support groups are freeing up (**PESD, LCW**)
- *Inform [FAST RunCo](#) of any work on the accelerator—*
- **FSO Walk-down today at 2:30pm. No work to be done during.**

ISD Updates for NML

1. Roll Up Door - In **Progress** (168986) *assigned to the "Schedule Planner"*.
2. **Clean Y-Strainer – Hold (181072) due to Abatement??**
3. High Bay Lighting LED Upgrade – In **Progress** (163677)
4. Catwalk Electrical Receptacle Changeouts – In **Progress** (189398)
5. **Bathroom drains leaking – 2 week downtime to fix. In Progress**
6. ESB HVAC – In **Progress** –*pushed back to 01/27/2025.*
7. ~~Cleanup in mech rooms – Working with Clorica to clean up. **DONE**~~
8. Tire Marks from lift – Electrical group to pay for this? In **Progress**
9. ~~Mechanical Checks on critical water connections – **DONE**~~
10. Window Cleaning - In **Discussion**. FY2025
11. Exterior Lights (both inground and canopy) - waiting on quote. On **Hold**
12. **Lightbulbs: Bathroom, FCR, ESB, 9WX,... Being scheduled™**

FAST / IOTA 9:00 Report

- FAST **shutdown** continues through this **CY24** for the installation and commissioning of the IOTA Proton Injector (IPI)
 - Thanks to support groups helping us (ES&H, HLRF, Instrumentation, MSD, ISD, PESD, etc...)
- IPI **beamline** at UHV vacuum
- HLRF build out is **close**[™] to completion
 - Build out **resumed last week and continues this week**
 - **Modulator & HV Pulse Transformer** getting built out
- IPI **Source** conditioned up to 51kV & 12mA of protons
- Spectrometer & Allison Scanner analyzing species from IPI Source
- IPI **LCW** work **has resumed and continues**
- LCW **chiller** repair: contractor was on site but gone (PO 717353)
 - Down 01/17/24 (eLog 252152). **Started 10/17, & 11/6, but paused! (Morgan's Law)**
- **FSO Walk-down today at 2:30. No work during.**
- Thanks to **OPS** for being vigilant on ACNET alarms.
- — **Contact FAST Coordinator with any work or access requests**