



U.S. DEPARTMENT
of ENERGY

Time Meeting 10-21-2025 SDCC/SCDF

X f i @BrookhavenLab

Power System (PDU) Updates

- No new information about replacement circuit breaker(s) or wires
 - Replacement breakers were 3 to 4 weeks out as of a week ago
- 3 out of 13 PDUs inspected
 - Loose connections found on all three
 - Note: wiring is aluminum
 - Re-inspection next year is being considered
- Proactive inspection of PDUs continues
- SCDF planning document with evolving schedule available at:
 - [proposed_pdu_schedule - Google Docs](#)

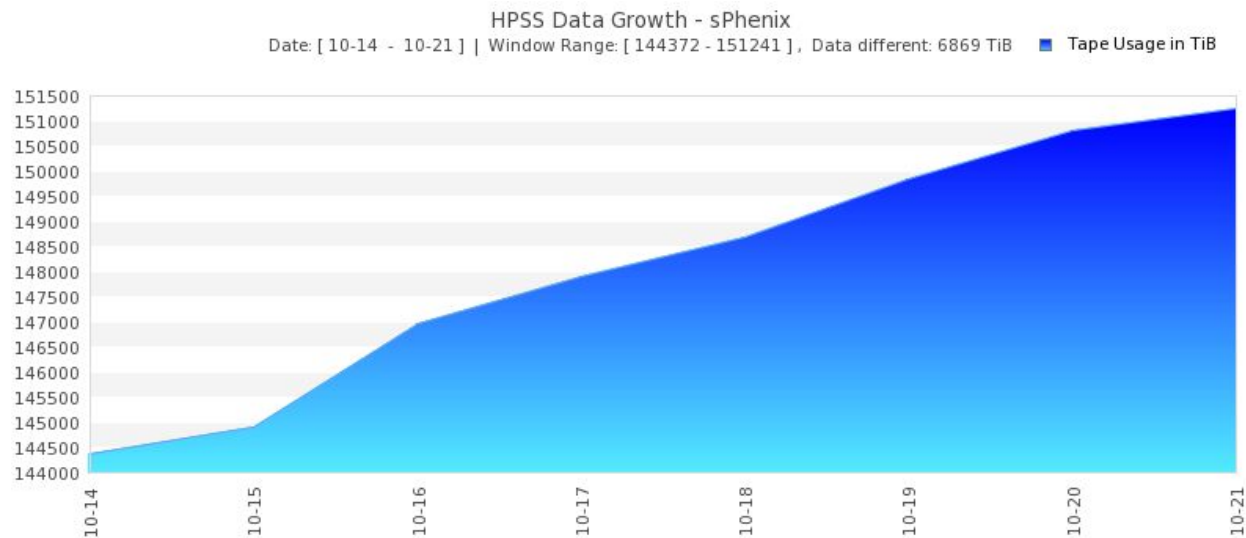
Important Points

- Critical services redundantly powered (two PDUs) and will remain operational
 - Tape room
 - Infrastructure services
 - Network
- Compute resource (aka Linux Farm) will be affected
 - Loss of some processing capacity when a PDUs is being serviced

OpenShift Issues

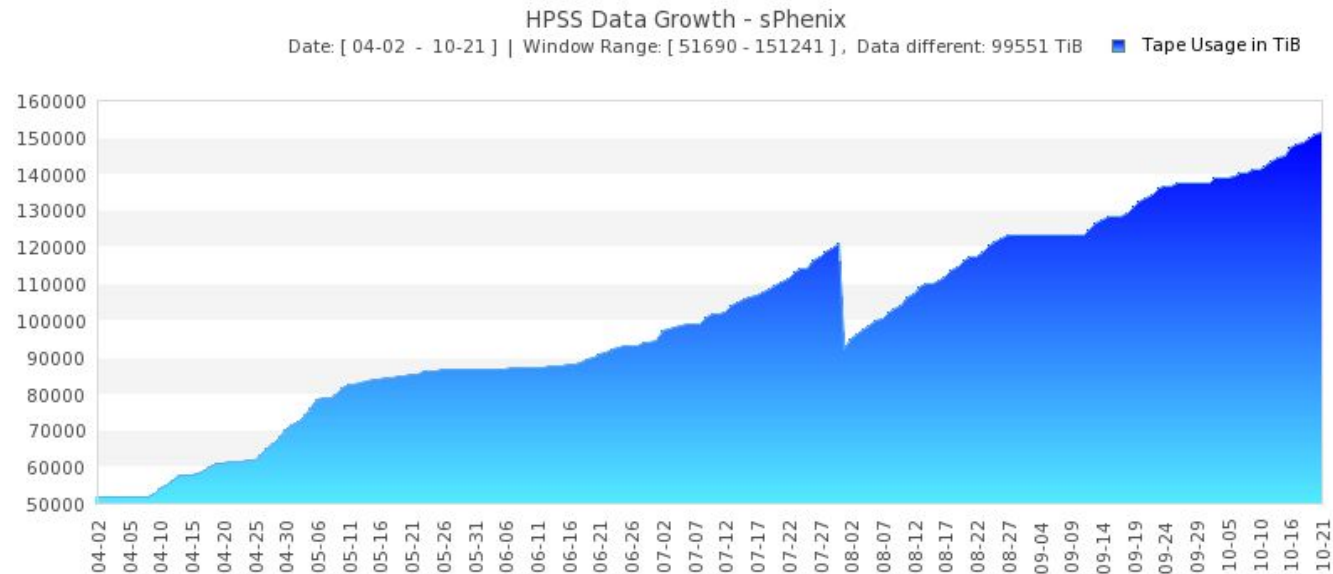
- Loss of connectivity to VMs starting at ~10:50AM today
 - Symptom: VM up, existing connections functional, new inbound/outbound connections not working
- Problem caused by an upgrade of OpenShift that the vendor said was “transparent”
 - Upgrade was recommended as a fix for previously encountered problems.
- Affected VMs are mostly recovered
 - VMs on internal SCDF networks believed to be fully recovered
 - Some VMs on external networks may still have connectivity issues
 - Report any system with connectivity issues via [RT](#)

sPHENIX Data Volume Past 7 Days



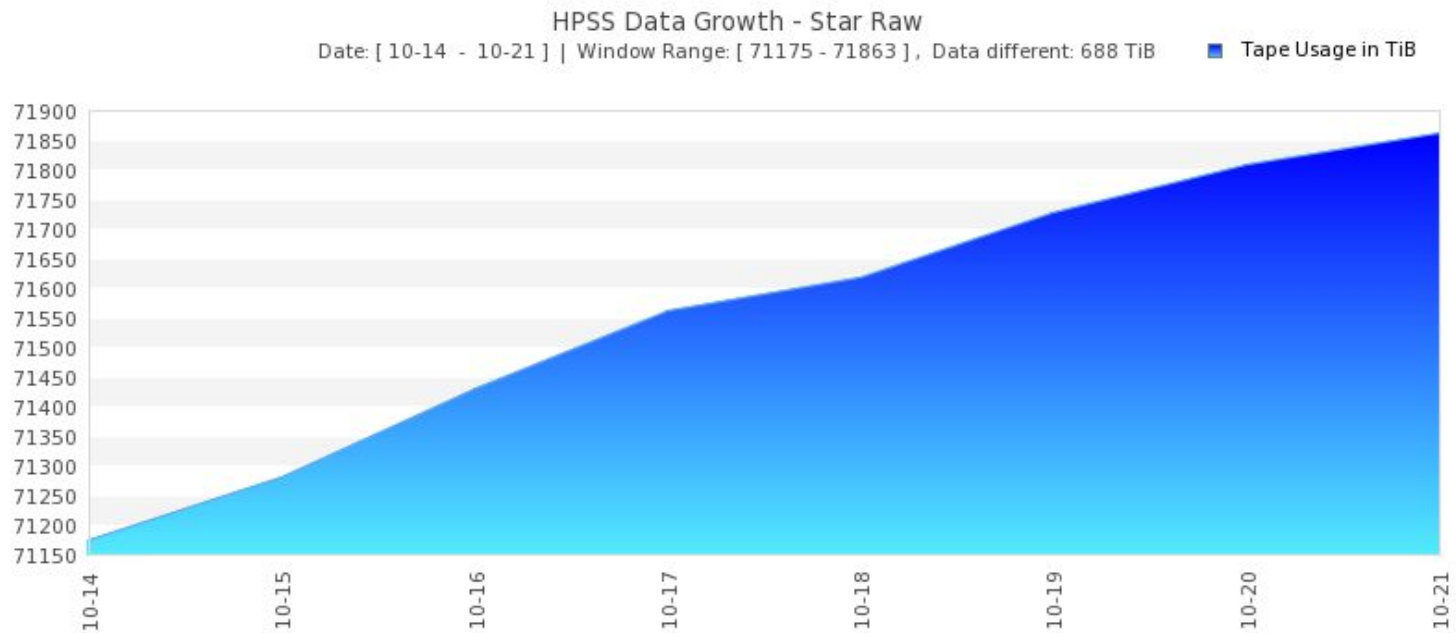
7.55 PB written to tape in the last 7 days

sPHENIX Data Volume Since April 1



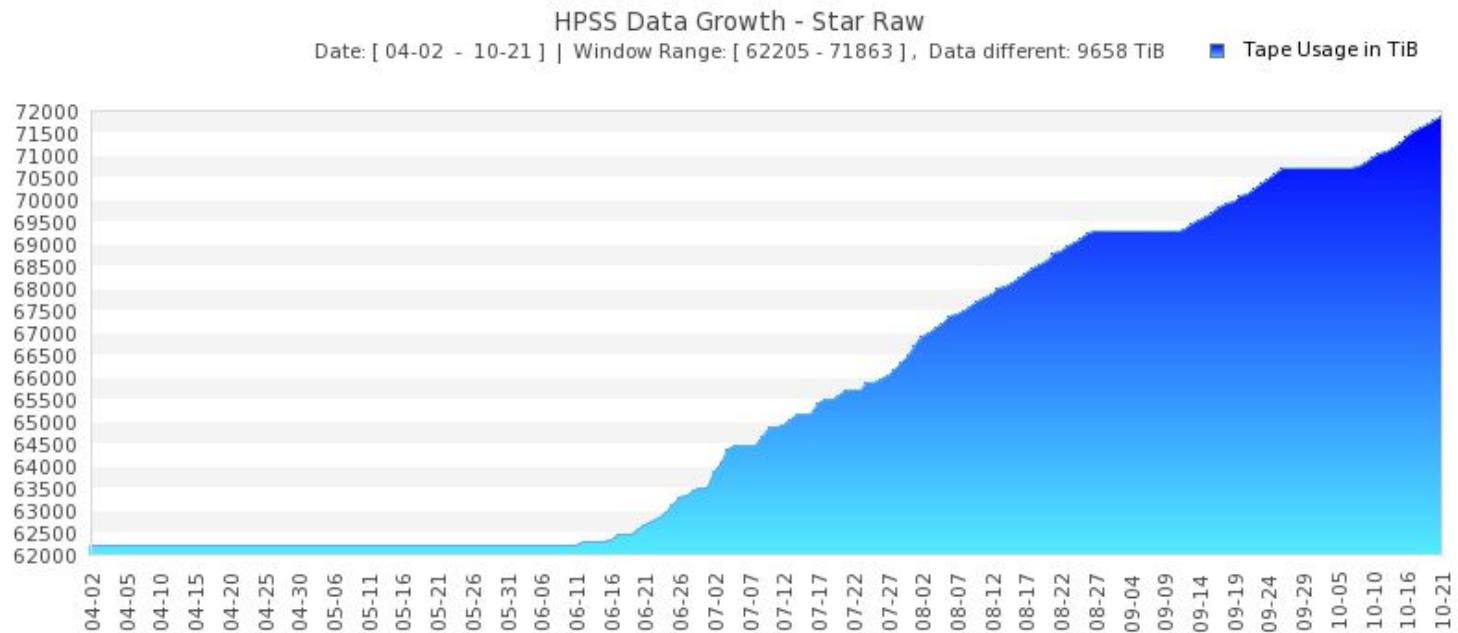
109.46 PB written to tape since April 1 2025

STAR Data Volume Past 7 Days



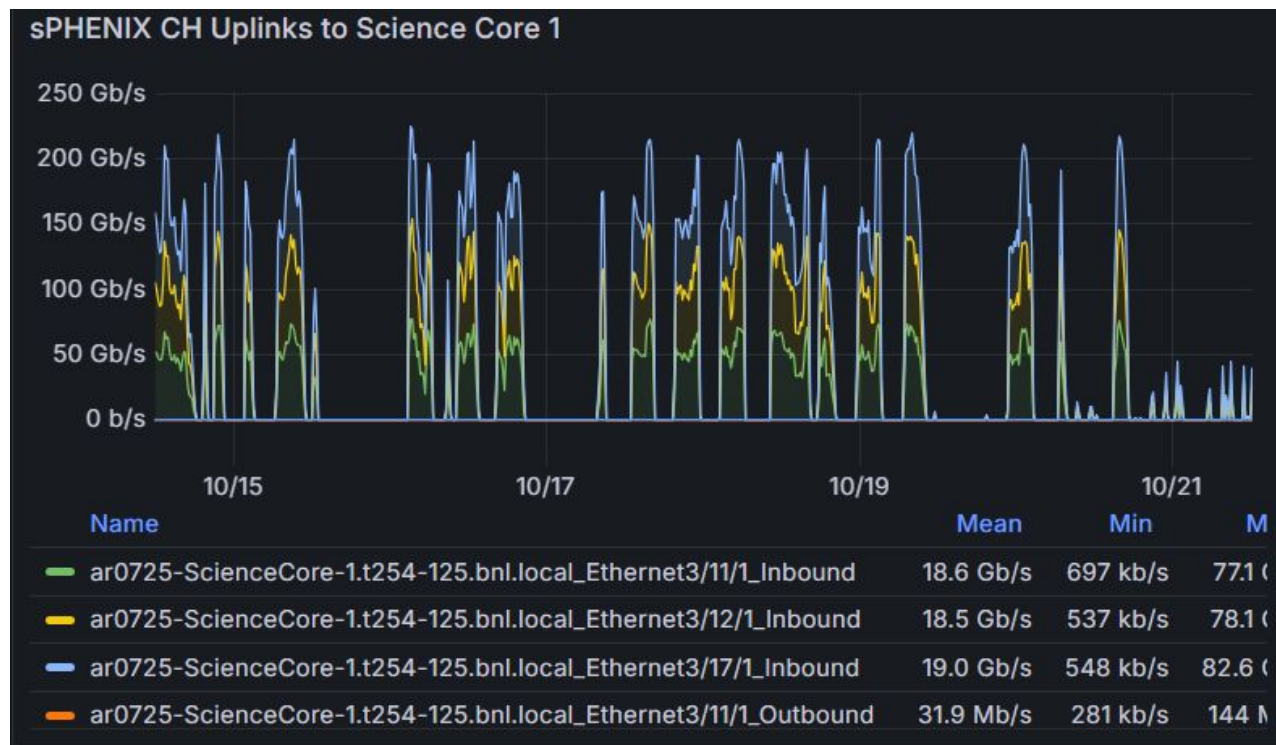
756 TB written to tape in the last 7 days

STAR Data Volume Since April 1



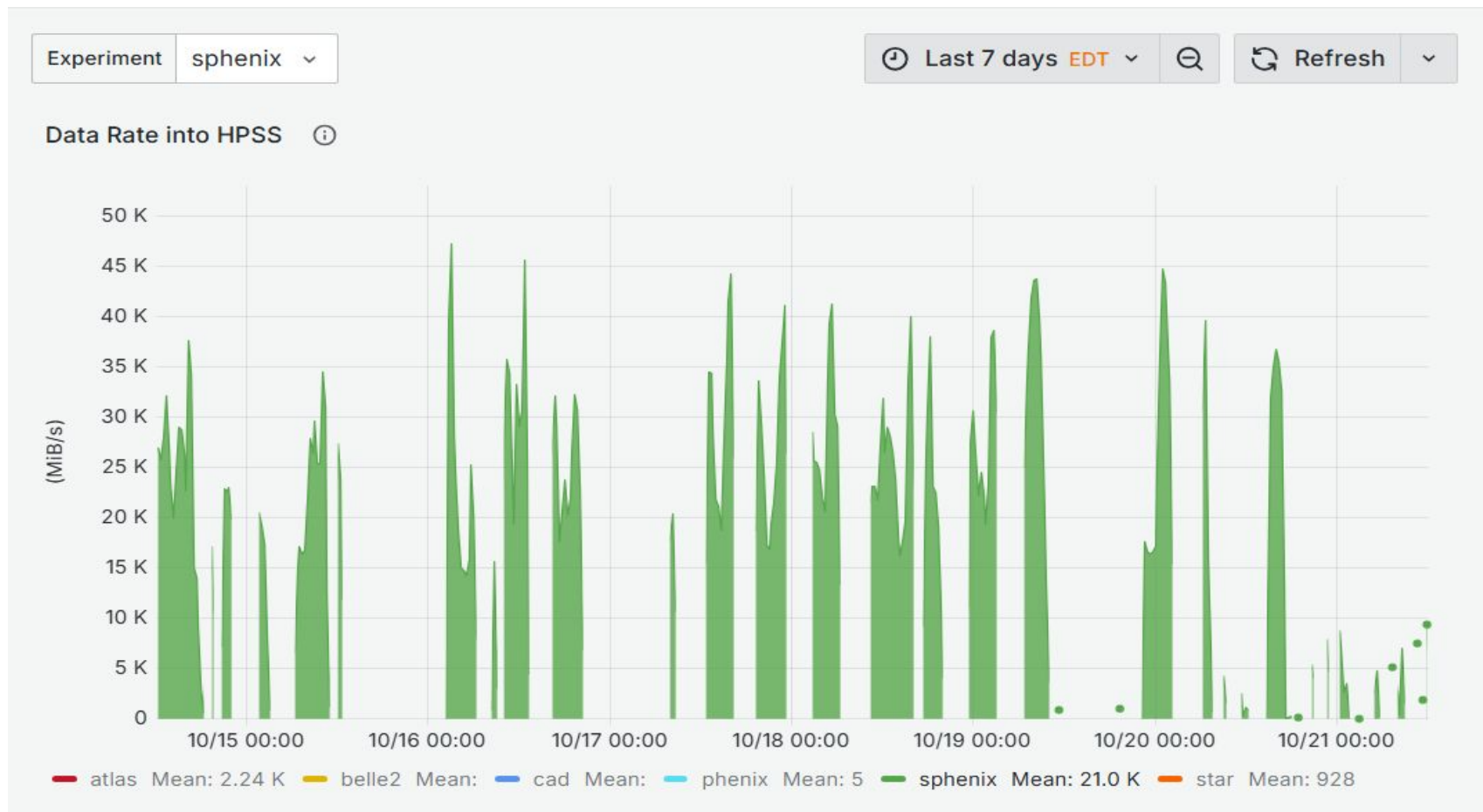
10.6 PB written to tape since April 1, 2025

Network Traffic from sPHENIX to SCDF



Network traffic on one of two LACP links between sPHENIX and SCDF. (Transfers to HPSS and Lustre).

sPHENIX Data to HPSS



STAR Data to HPSS

