



U.S. DEPARTMENT
of ENERGY

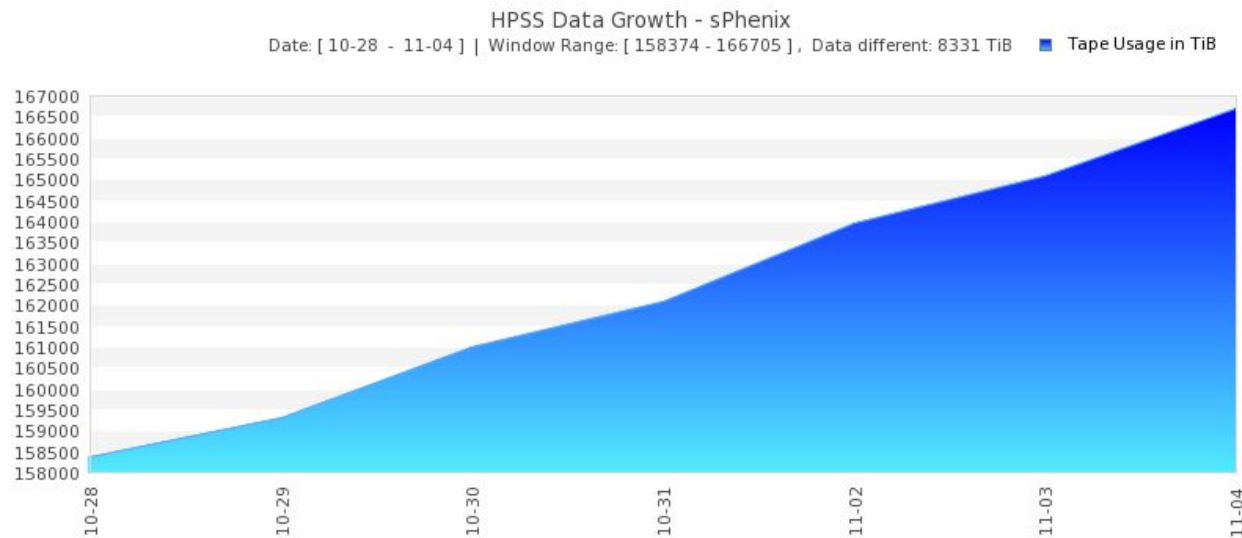
Time Meeting 11-04-2025 SCDF

X f i @BrookhavenLab

Power System (PDU) Updates

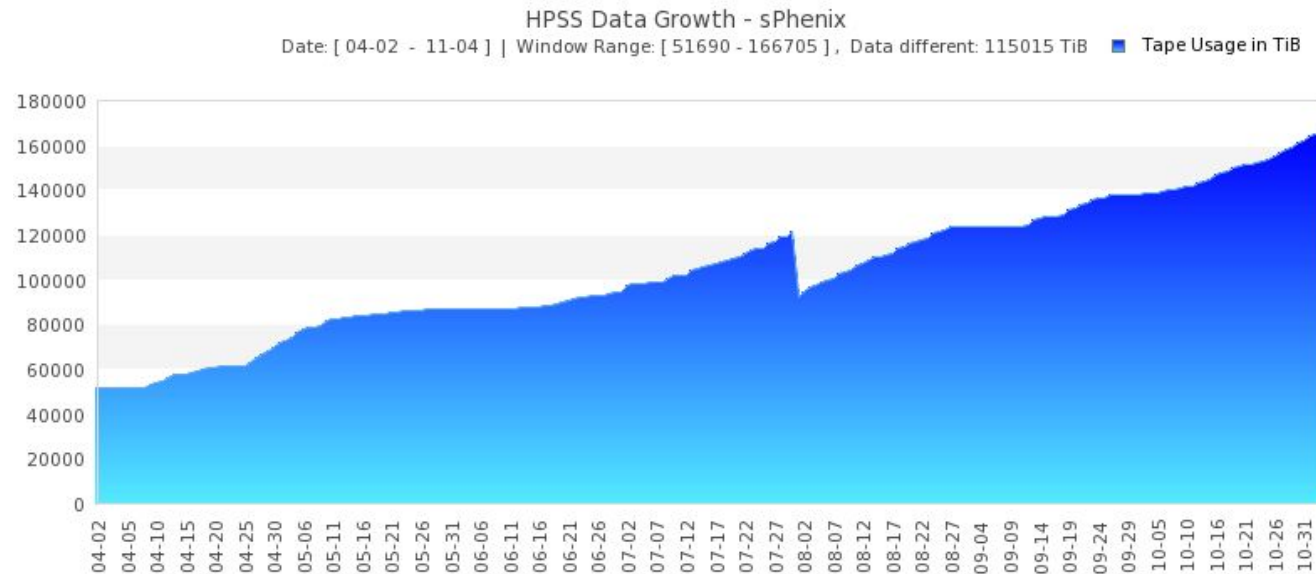
- Plans in the works to revive 10 racks of sPHENIX compute nodes
 - Delivery of replacement wires
 - Return of circuit breaker sent out for testing
- New circuit breaker required to revive remaining 6 rack of compute nodes (3 sPHENIX racks)
- Aluminum wiring discovered connecting PDUs electrical distribution busways in the data center
 - Inspection of these connections may slow inspections
- SCDF planning document with schedule available at:
 - [proposed_pdu_schedule - Google Docs](#)

sPHENIX Data Volume Past 7 Days



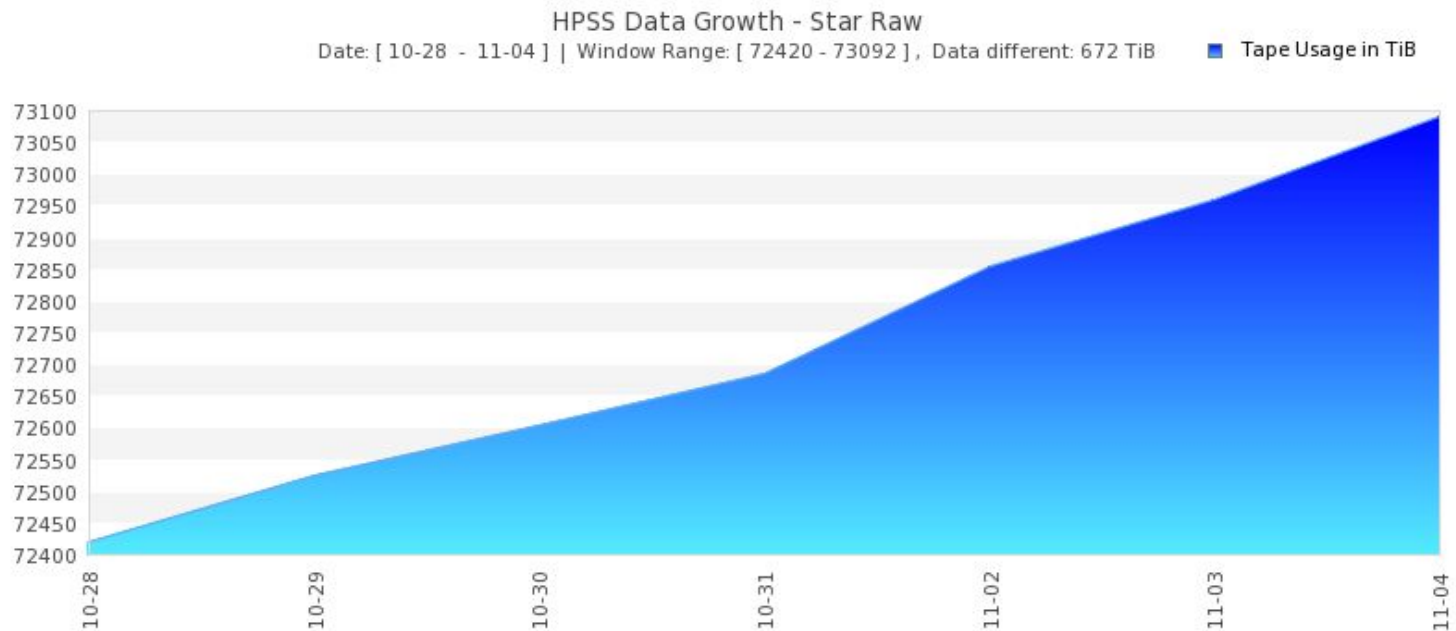
9.16 PB written to tape in the last 7 days

sPHENIX Data Volume Since April 1



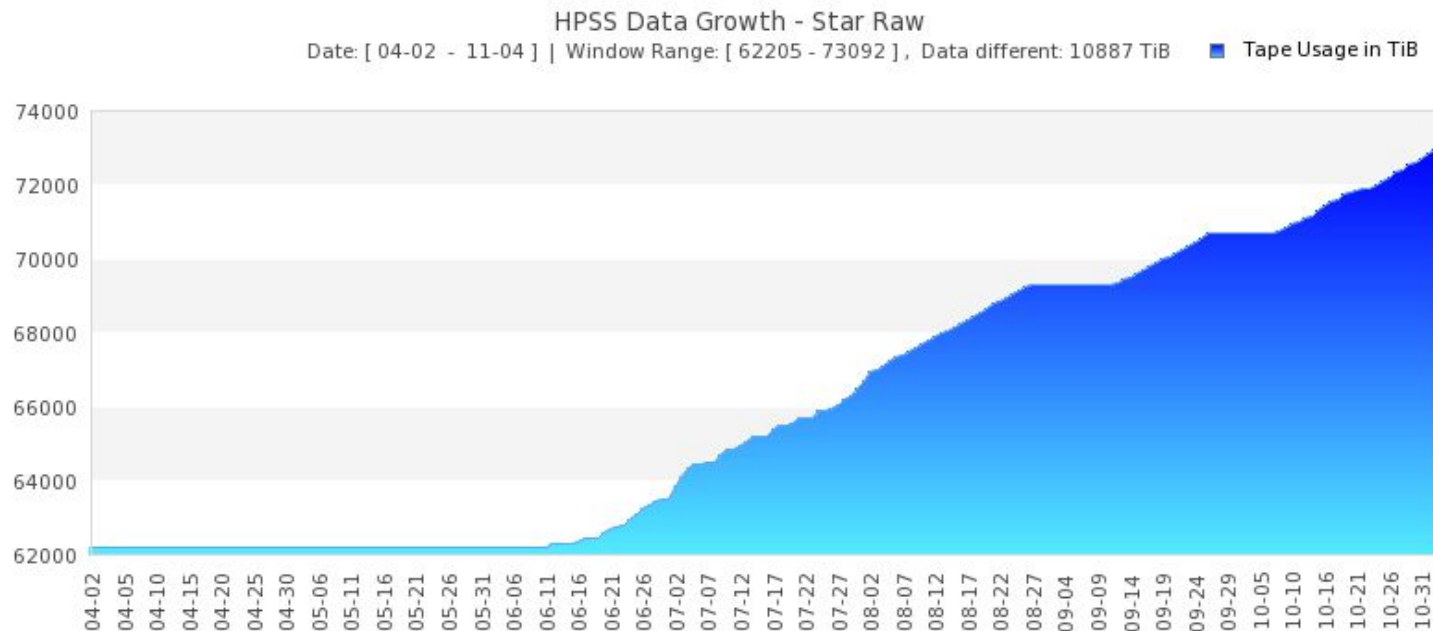
126.5 PB written to tape since April 1 2025

STAR Data Volume Past 7 Days



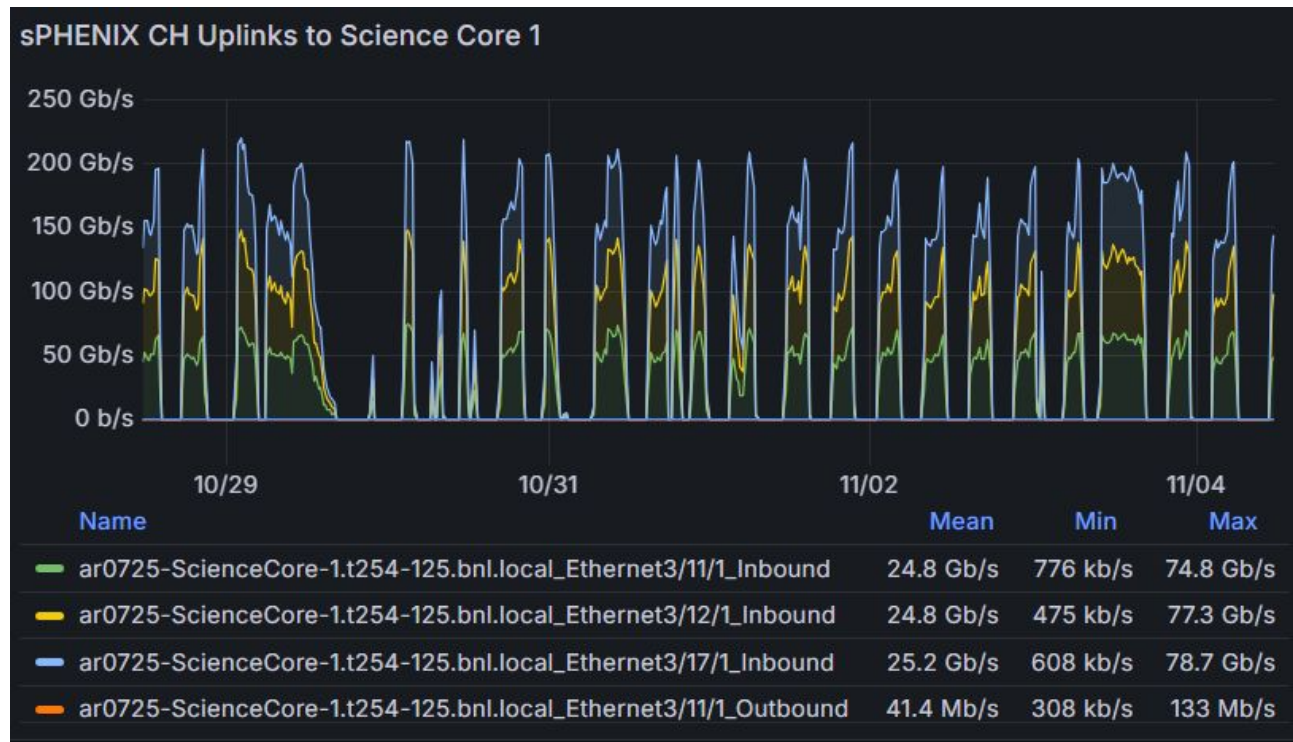
739 TB written to tape in the last 7 days

STAR Data Volume Since April 1



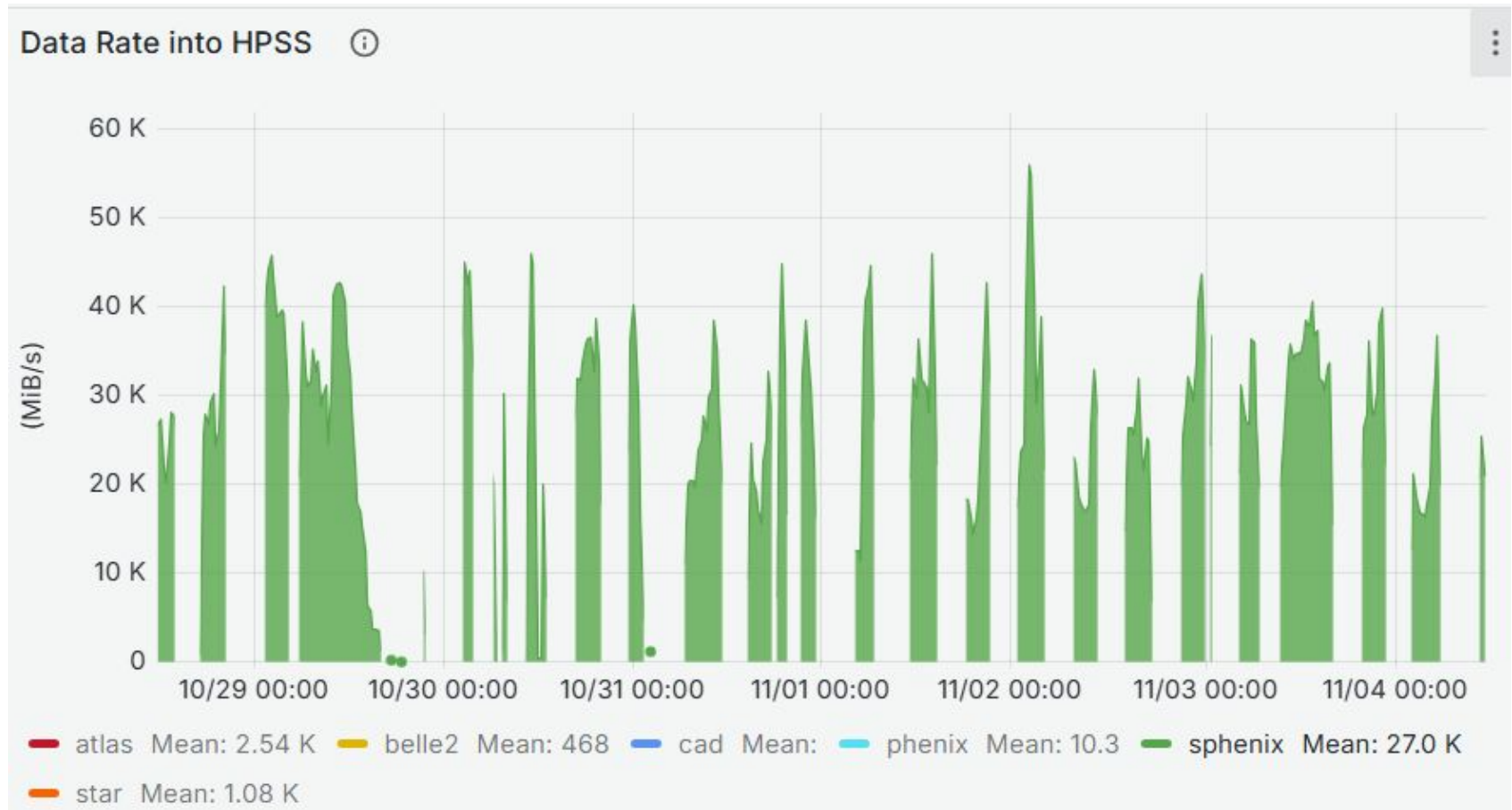
11.97 PB written to tape since April 1, 2025

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

