



U.S. DEPARTMENT
of ENERGY

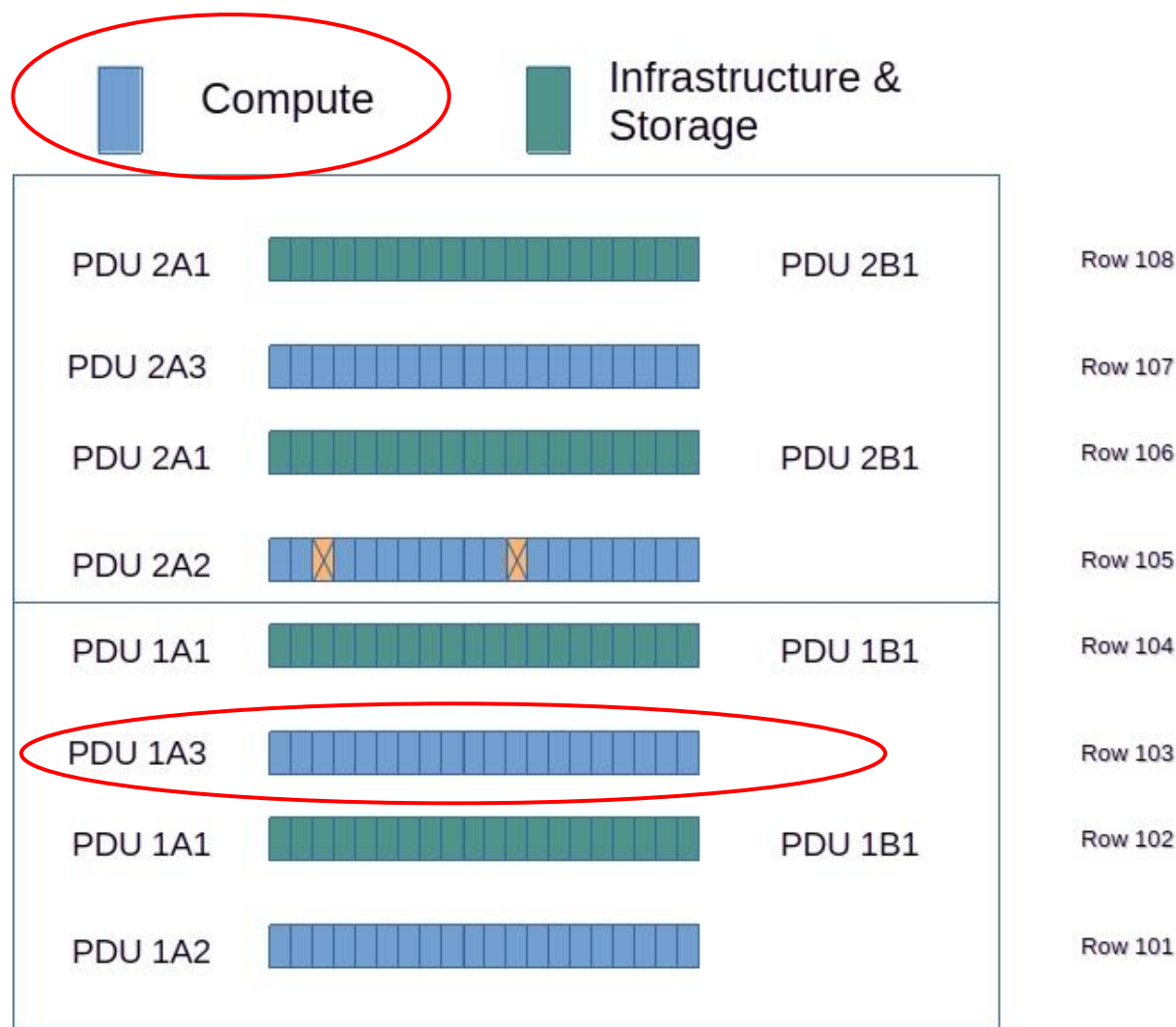
Time Meeting 12-02-2025 SCDF

X f i @BrookhavenLab

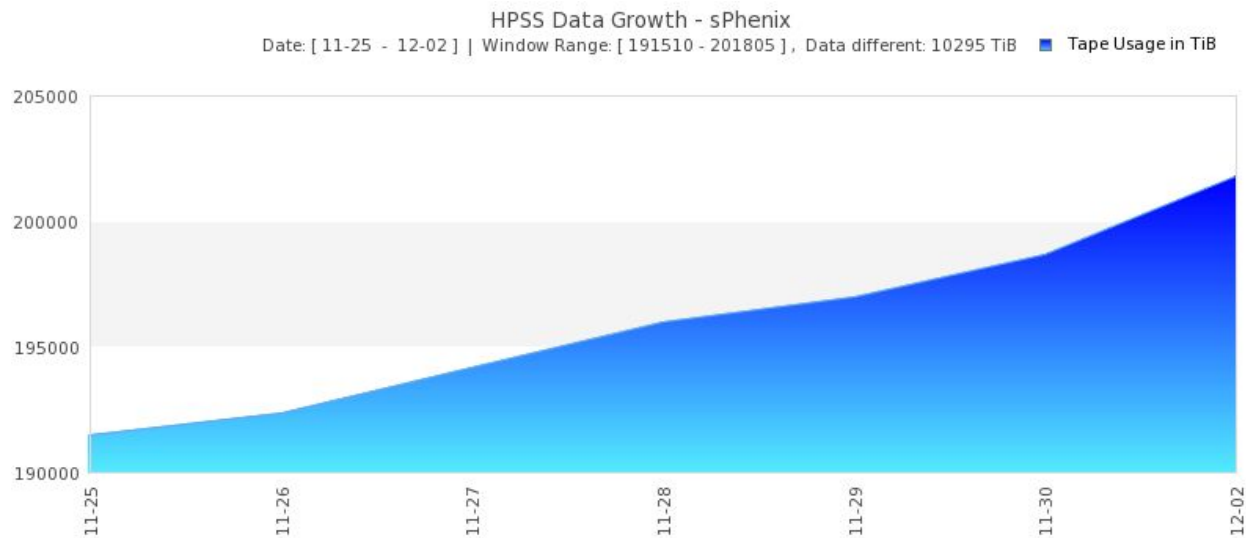
Power System (PDU) Updates

- More thermal issues with PDU 1A3
 - Wire junction temperatures > 190°F.
 - Three wires affected, was previously just one.
- Load shedding initiated prior to extended holiday weekend
 - sPHENIX and Shared Pool resources affected
- Path forward under discussion
- Four additional PDUs remain to be examined
 - One PDU will result in shutdown of one row of compute
 - No operational impact on remaining three PDUs
- SCDF planning document with schedule available at:
 - [proposed_pdu_schedule - Google Docs](#)

PDU - Row Mapping

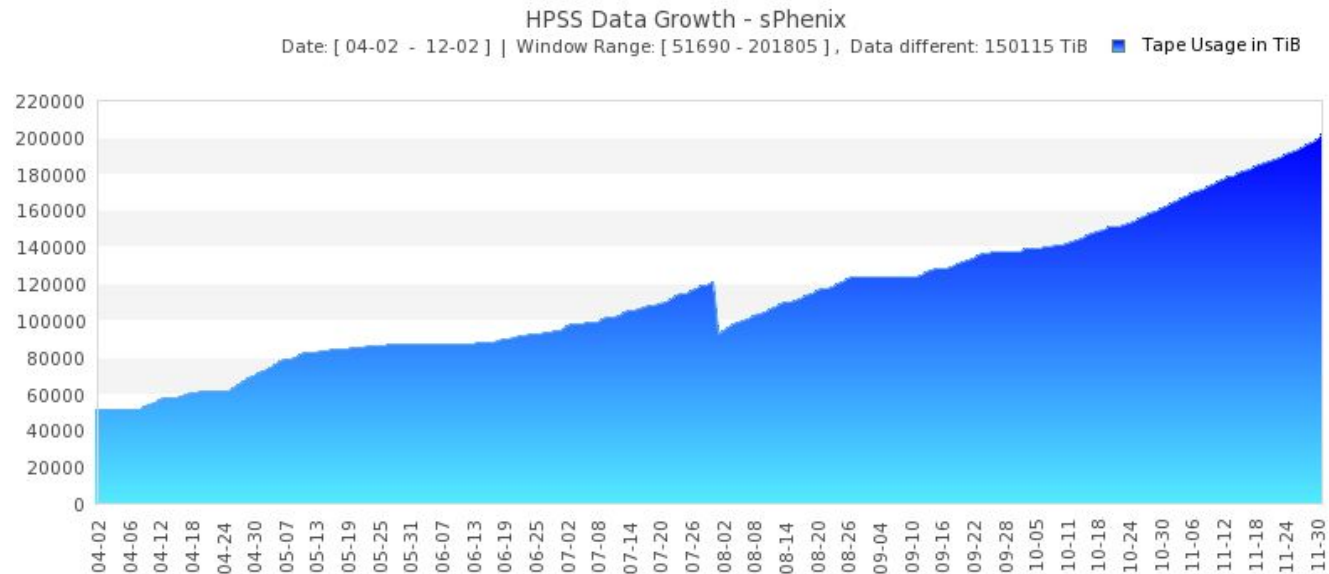


sPHENIX Data Volume Past 7 Days



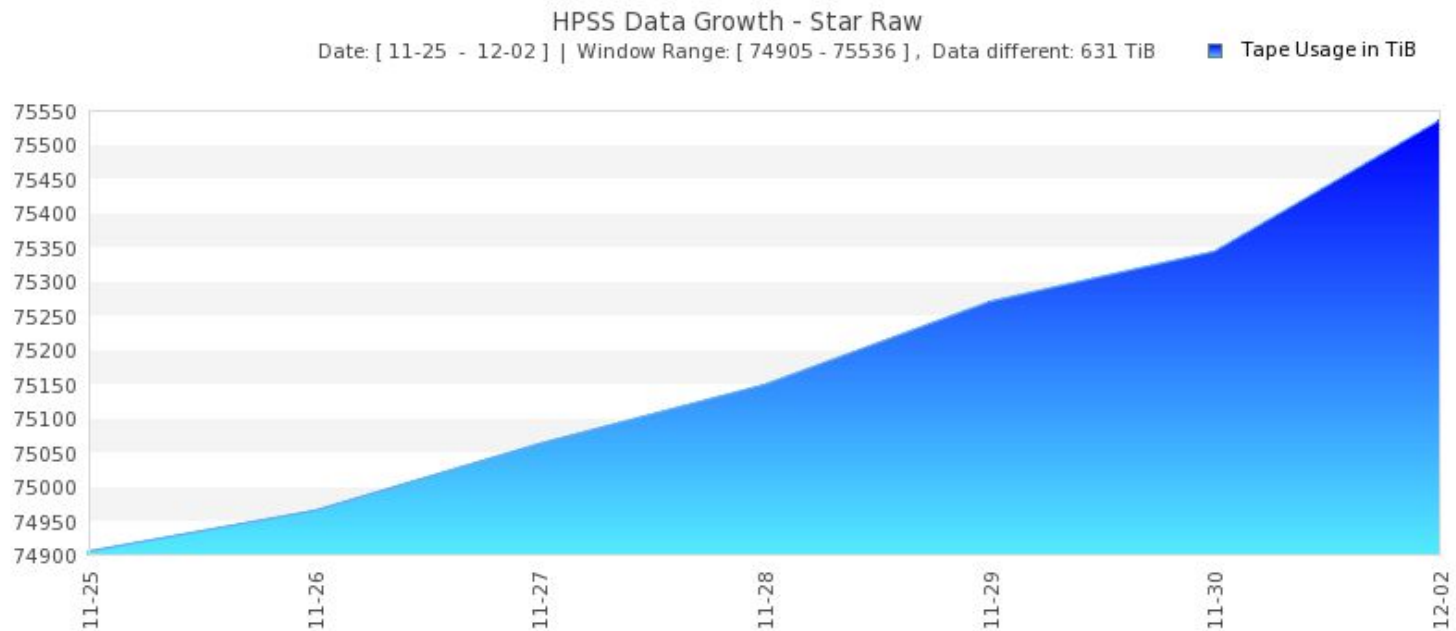
11.32 PB written to tape in the last 7 days

sPHENIX Data Volume Since April 1



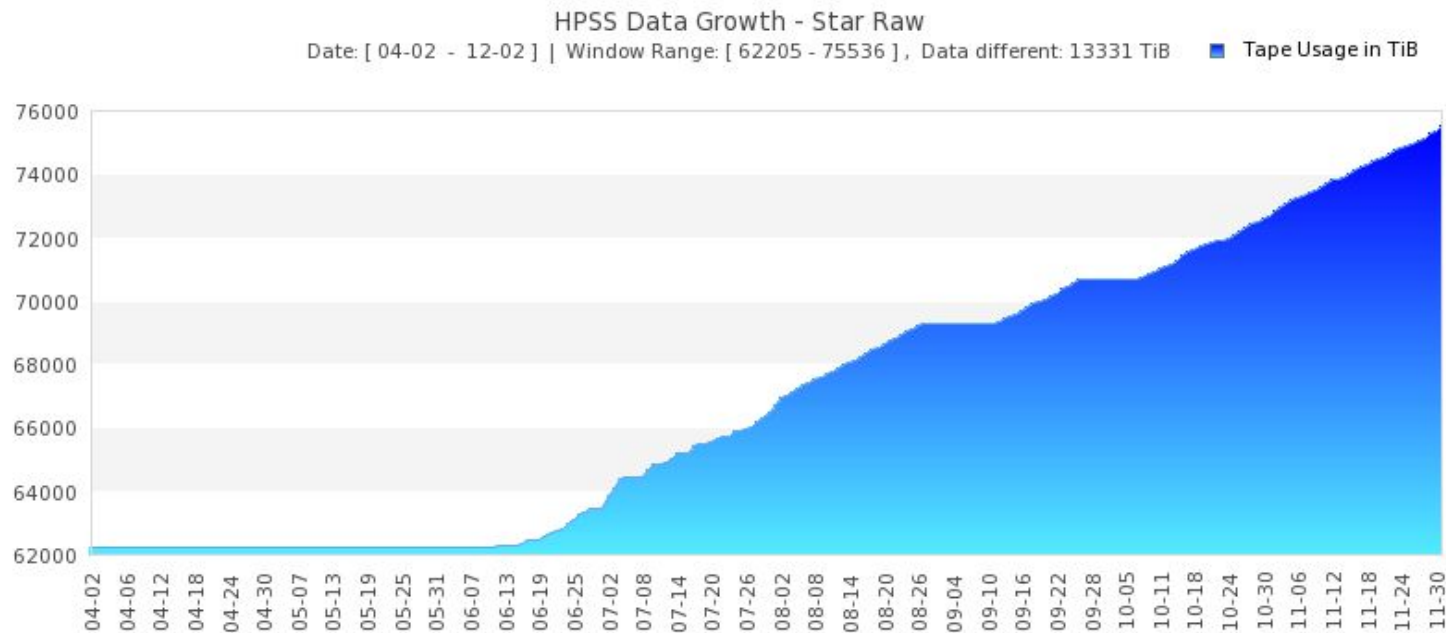
165.05 PB written to tape since April 1 2025

STAR Data Volume Past 7 Days



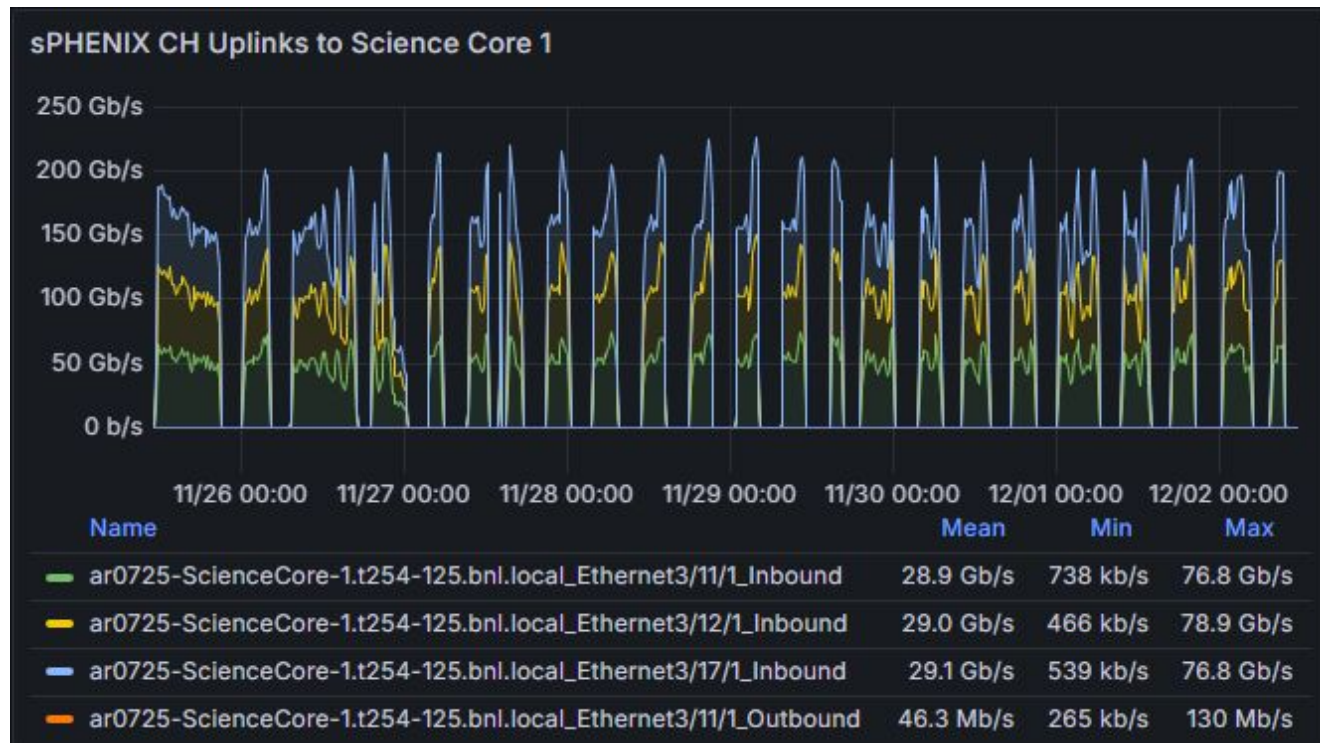
694 TB written to tape in the last 7 days

STAR Data Volume Since April 1



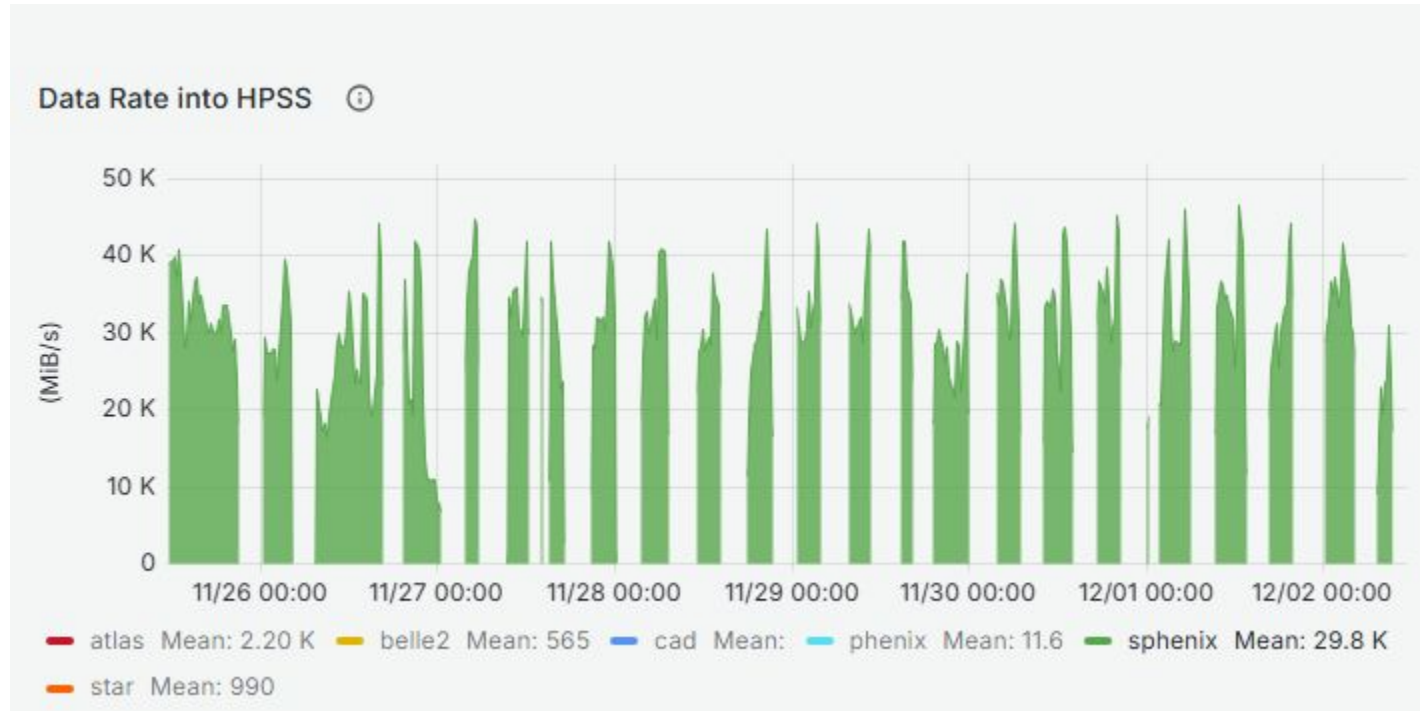
14.66 PB written to tape since April 1, 2025

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

