



U.S. DEPARTMENT  
*of* ENERGY

# Time Meeting 9-16-2025 SDCC/SCDF

X f i @BrookhavenLab

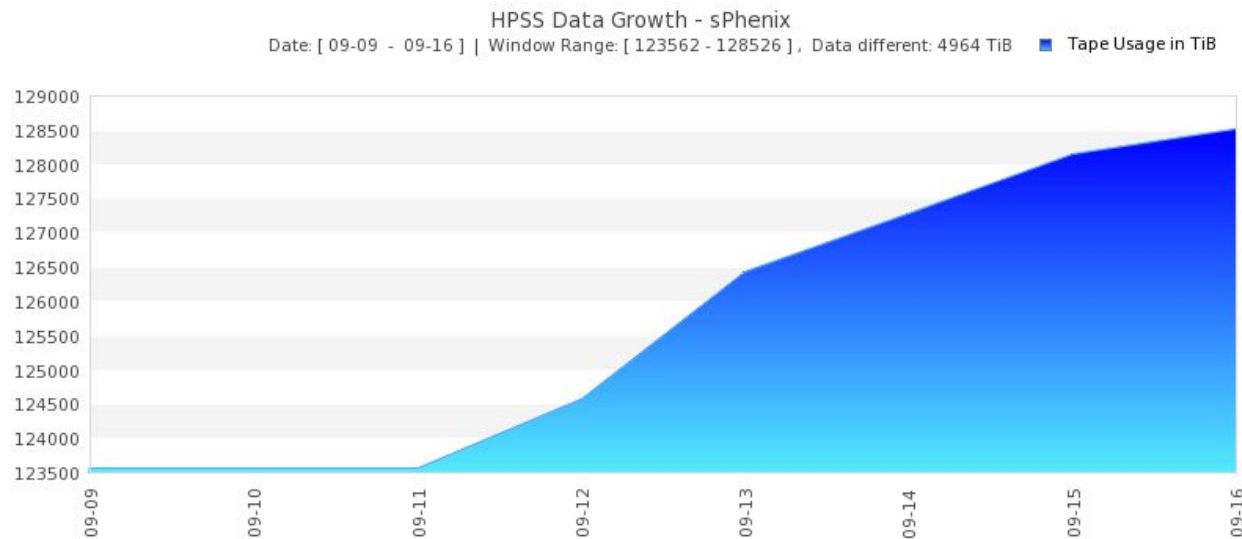
# Status of Data Center Power

- UPS 1 back on line
  - Main data center now fully on UPS power
- Timeline of 8/29 power incident is still:
  - Power dip detected by Gen/ATS (still believed to be real)
  - All 3 UPS systems switched to battery
  - Both generators started, but Gen 2 fails to sync up
    - Load too high for Gen 1 alone
    - UPS systems remained on battery
  - UPS 1 battery drained before system switched back to utility power.
    - Loss of power to 4 out of 8 rows of equipment
- Waiting on additional investigation by generator contractor
- Replacement of batteries in one UPS system is expected later this week. This is unrelated to the 8/29 power incident.

# Upcoming Events

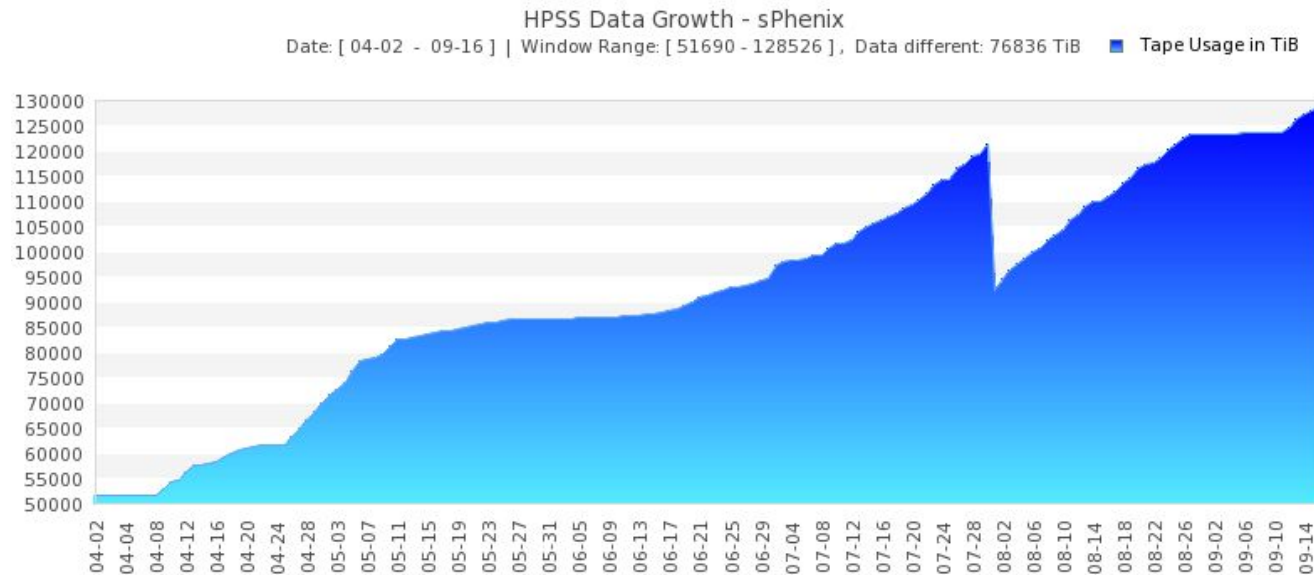
- To be scheduled, upgrade of HPSS pftp gateways.  
Possible dates are Tue, Wed, Thurs during Week 9/22 or 9/29
  - HPSSgw1v - Used by sPHENIX
    - HPSSgw4v is an alternative
  - HPSSgw5v - Used by STAR

# sPHENIX Data Volume Past 7 Days



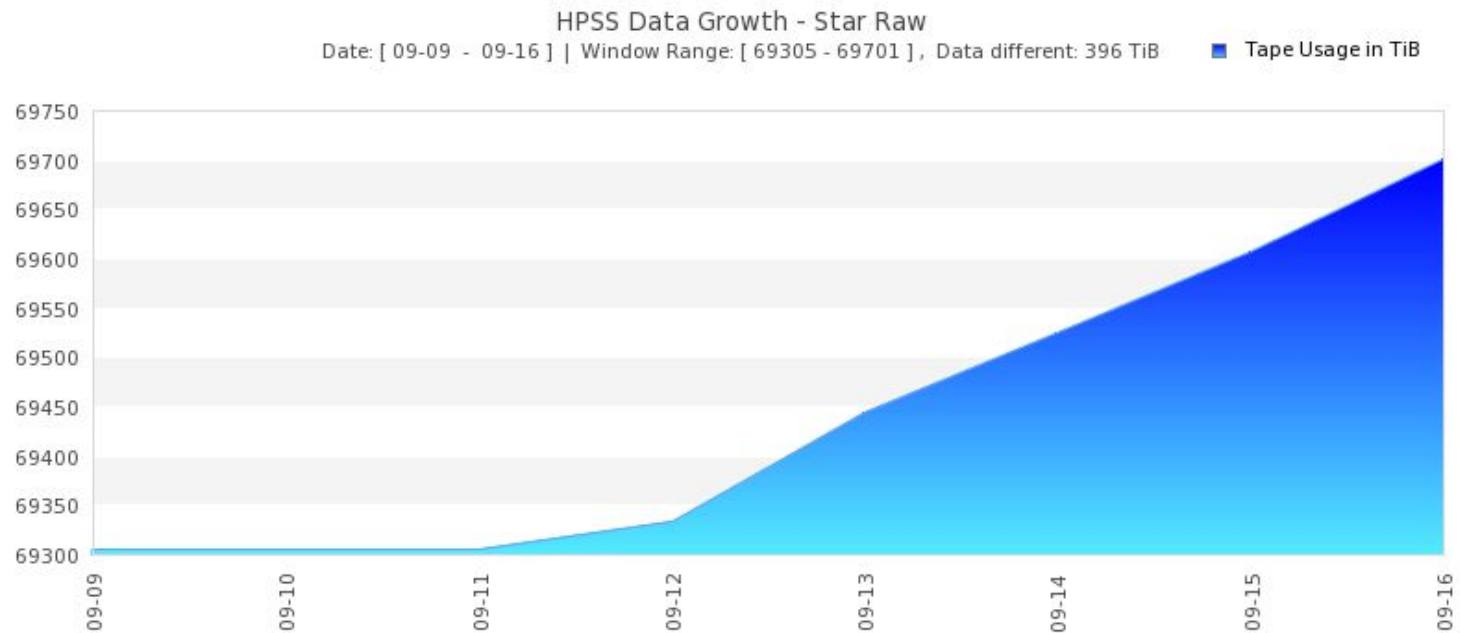
5.46 PB written to tape in the last 7 days

# sPHENIX Data Volume Since April 1



84.48 PB written to tape since April 1 2025

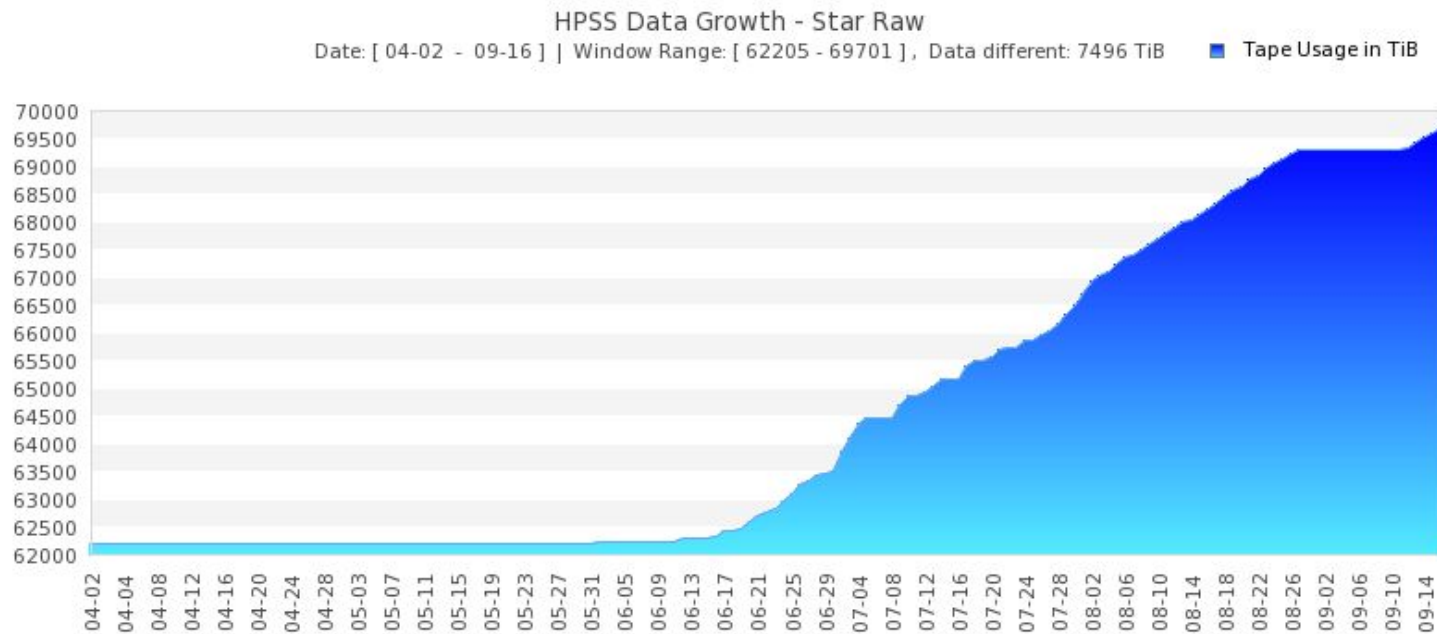
# STAR Data Volume Past 7 Days



435 TB written to tape in the last 7 days

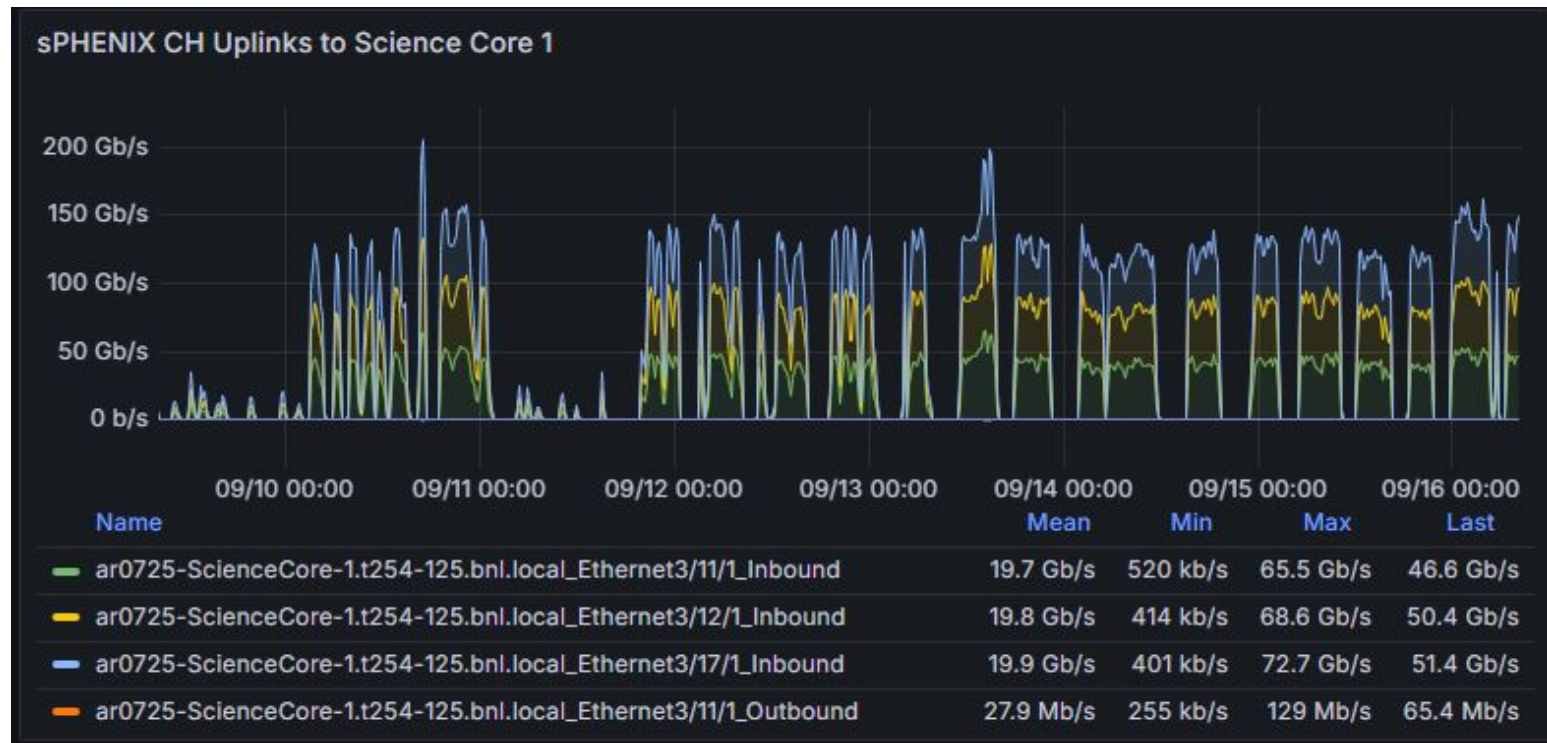


# STAR Data Volume Since April 1



8.24 PB written to tape since April 1, 2025

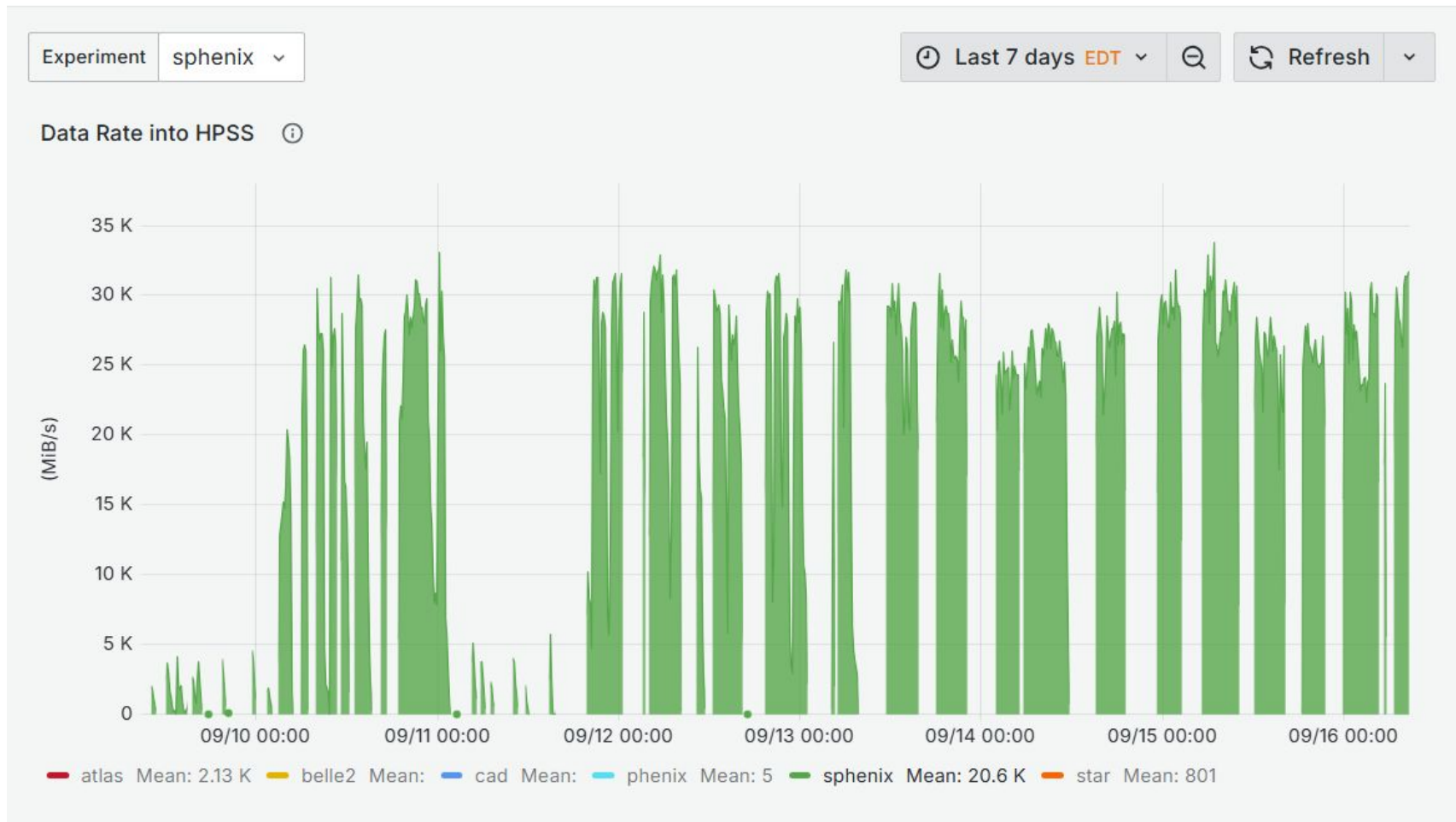
# Network Traffic from sPHENIX to SCDF



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

