

# CAD Startup Status

Transition to Run '22

# Pre injectors, LINAC & Booster

- LINAC: OPPIS, Source 1&2 Operational
  - BLIP running  $\sim 150\mu\text{A}$  and tuning
  - OPPIS: high polarization measured in HEBT ( $>80\%$ )
- EBIS: Operational
  - Delivering Ion species for NSRL, Au for APEX setup
  - Bi-weekly LHe fills (Maintenance)
- Booster: Operational
  - Vacuum issues resolved, NSRL on schedule for users Nov 1
  - Band II cavities addressed today, all systems on line after

# AGS

- Cold snake: investigation into grounds for AC outlet, then cooldown to continue (Later this week)
- Siemens:
  - High leakage current found during pre-start checkout
  - Discovery of collapsed cable trays in L18 trench
  - Weather delaying trench opening for inspection and planning
  - Checkout, ACS verification delayed
  - RF systems upgrade behind fault
- Daily updates on the web (Operations Support Page [“This Week”](#))



- Shutdown activities wrapping up
- ODH, VODH, ACS, PS and other startup activities under way
- Sector 2: Shield wall this week, RSC for LEReC gun tests underway
- Sector 4: ACS testing and RF systems setup starting this week
- Sector 6: CAD start up beginning next week (White Sheets, gas detection system calibration) STAR activities completed before Nov 15<sup>th</sup>
- Sector 8: Re-assembly after successful rail work completion underway
  - Vacuum pipe install, prep for bake-out this week
  - ACS, HVAC other work this week

RHIC:

# Summary:

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- Pre-injectors and Booster are ready, despite vacuum issues in Booster and emergency early BLIP startup (Thanks to outstanding effort by all!!)
- AGS trench remediation and Snake issue delaying startup and Polarized Proton setup
  - Updates Thursdays at the Supervisor's meeting
  - Scheduling Meeting in this time slot, if necessary
- RHIC is on Schedule for November 15<sup>th</sup>