

# SURA IT Program Highlights

- ❑ IT Program Executive Summary and full Report: Tab 19
- ❑ IT Committee now has 2 active sub-committees:  
SERON, SGC
- ❑ SERON: met Thurs. morning with major focus on new FCC Rural Telehealth Program
  - 28 of 69 awards to SURA region (\$121M) with more to come
  - Creating new infrastructure for healthcare applications
- ❑ AT&T Fiber Program: still active
- ❑ Atlantic Wave: operational and providing international peering services between Latin America, Europe, Canada, North America

# SURA Region Challenge

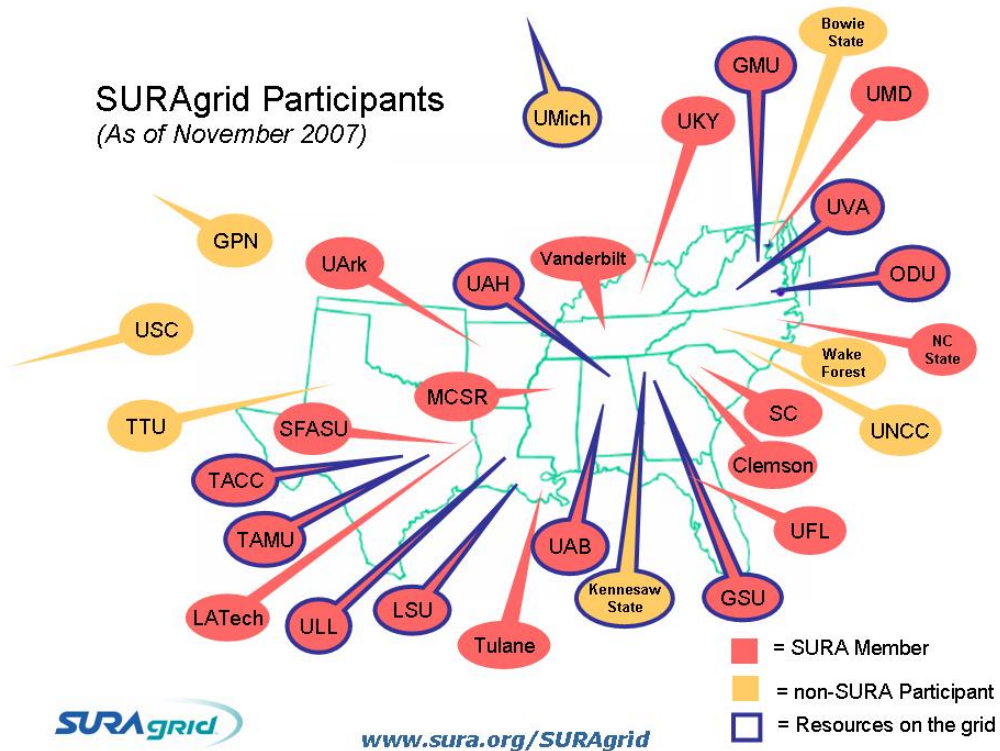


- ❑ 33% of the US population
- ❑ 10 EPSCoR states
- ❑ 92% of the nation's Historically Black Colleges and Universities (HBCUs)
- ❑ 22% of the nation's Hispanic Serving Institutions (HSIs)
- ❑ 11.5% of the total NSF computing center allocations

NSF is investing hundreds of millions of dollars to create very large (10+ PetaFlop) systems that will be coming on-line over the next several years. There are significant challenges to making these systems available to and usable by researchers. SURA and the SURA region (with unique demographics and existing focus on and investment in SURAGrid) are very well positioned to lead a new, regional approach to CI-enabled scientific research.

# Lowering Barriers for Deploying and Utilizing CyberInfrastructure

SURAGrid Participants  
(As of November 2007)



## SURAGrid

- 30 participating institutions
- Shared accessible grid computing environment (approaching 13 TF)
- Access to group negotiated discounted HPC systems
- Enabling CI supported research & education
- On-Ramp to National CI

# External Funding Activities

- ❑ NSF Track 2: Outreach subcontractor to LSU – submitted Wednesday (12/5)
- ❑ NSF CI-TEAM: Led by SURA collaboration with Hampton, NSU, NCA&T) submitted Aug. – pending review
- ❑ NSF CI-TEAM: led by TTU SURA to provide CI workshop development and delivery
- ❑ NSF Track 1: awarded to NCSA/ GLCPC SURA is Outreach Partner

Theme: SURAGrid as a national model for regional CI development with a focus on enabling new and underserved communities – an On-Ramp to national CI services

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