

## PROJECT SNAPSHOT



GRANTEE  
**Tennessee Tech University**



STATES IMPACTED  
**Tennessee, Virginia, Pennsylvania**



ARC FUNDING  
**\$500,000**

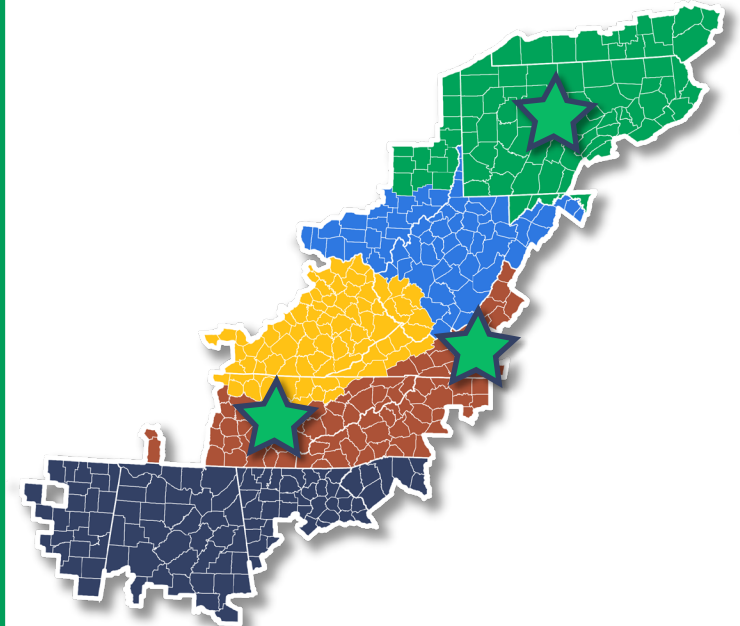


PARTNERS  
**Virginia Tech University, Pennsylvania State University**



ANNOUNCEMENT DATE  
**October 2024**

## STATES IMPACTED



## PROJECT SUMMARY

Tennessee Tech University will use ARISE funding to develop a plan to establish an Appalachian quantum network (AQN) to link quantum computers, simulators, sensors, and devices for information and resource distribution throughout Appalachia. The planning grant will be used to conduct a feasibility study; expand partnerships; design a workforce development plan that addresses the existing skill gap in the quantum technology market; and develop a business plan that leverages the AQN and establishes quantum technology startups that boost and diversify the economic growth in Appalachia.

Tennessee Tech University, Virginia Tech University, and Pennsylvania State University bring a combined \$488,982 in matching funds to the project, which will produce a technical study at the end of the one-year performance period.