

UTILITIES INFRASTRUCTURE MODERNIZATION PROJECT

LAB PD: Rusty Sprouse

LAB PM: Michele Solaroli

DOE Program Manager: Chris Ackerman

DOE FPD: Rick Korynta

Mission Need: This project is needed to address performance gaps in TJNAF utility systems that jeopardize the ability to deliver its mission and to provide a work environment that meets safety goals, current code standards and operational efficiency goals.

Project Scope:

- Electrical – Replace accelerator primary and secondary electric feeders and provide increased capacity for electric transfer
- Process Cooling & Data Processing Infrastructure – Replace/consolidate cooling towers, upgrade data processing cooling, & replace data processing UPS.
- Cryogenic Infrastructure – Expand Cryogenic Test Facility & provide necessary additional equipment.
- Communication Systems – Provide a fiber-optic pathway and core ring to eliminate single points of failure.

Key Milestones

Milestone	Date	
CD-0 Mission Need	Sep 2009	
CD-1 Approve Alt & Cost Range	Oct 2010	
NEPA Complete	Mar 2011	
CD-2/3 Approve Baseline & Con	Jun 2014	
Construction Complete	Jun 2016	
CD-4 Approve Proj Complete	Sep 2017	

	Total
TEC Funding Baseline	\$29,200K