

McNary Governor Mechanical System Rehab

This is a new project to upgrade the governor mechanical system at McNary Dam. The mechanical portion of the governor system is in a degraded condition and portions of the system require inspection to determine their integrity or to certify. Most of the components in the governor mechanical system are original equipment and are now well over 60 years old. Oil leaks are visible throughout which, in addition to the age of the system, raises questions of the integrity of piping, flanges and pressure tanks. Components are in need of further inspection/assessment, refurbishment, and/or replacement.

Currently, McNary Dam is in the early stages of a modernization of 36 systems of the generation and associated power train equipment. Replacement of the main unit transformers and windings is complete, and upgrade of the station service system is underway. Replacement of the turbine runners is scheduled to begin in 2025 with completion in 2038. Remaining investments are being assessed to determine sequencing with the turbine installation.