

McNary Headgate System Rehabilitation

This project seeks to rehabilitate and replace the headgate system at McNary Dam.

The Headgate system consists of 45 headgates (3 for each main unit, 1 for each Station Service Unit, and 1 spare), a Hydraulic Gate deployment system for each unit's headgate, and 3 intake gate bulkheads.

The headgates, in conjunction with the wicket gates, are used to admit pool water to the turbines. The headgates are used only when a turbine intake, scroll case, and draft tube is to be unwatered, or in case of failure of the wicket gates. Minor rehab of the headgates was preformed between FY14-FY16 which covered the pinning beams, roller chains, gate seals, and miscellaneous mounting hardware. That was an expense project and does not overlap with the scope of work of this capital investment.