

## TARP Mechanical Equipment Improvements, CWRP

**Project Number** 26-822-31

**Service Area** Calumet

**Location** Calumet WRP

**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$25,500,000

**Contract Award Date** June 2026

**Substantial Completion Date** December 2028



**Project Description** This project will rehabilitate the Calumet TARP main sewage pumps' suction valves, integrate the medium voltage drive auxiliary chillers into the house-chilled water system, balance and align rotating assemblies, improve the West TARP seal water and compressed air feed systems and upgrade obsolete prime mover vibration and temperature monitoring systems.

**Project Justification** The Calumet WRP TARP main sewage pumps' suction valves are original to the pump station (circa 1985). The valves leak and do not hold a seal, which requires the entire pump house to be dewatered and taken out of service in order to isolate the pumps for routine service. The medium voltage drive auxiliary chillers have proven to be a reliability risk, thus reducing the availability of the pumps.

**Project Status** Planning