

## **Replacement of Tailrace Stop Logs, Headrace Gates, and Equipment at Lockport Powerhouse Stickney Service Area (SSA)**

**Project Number:** 15-830-3D

**Service Area:** Stickney

**Location:** Lockport Power House

**Engineering Consultant:** In-house design

**General Contractor:** To be determined

**Estimated Construction Cost:** \$10,120,000

**Contract Award Date:** February 2019\*

**Substantial Completion Date:** August 2021\*



**Project Description:** Design, fabricate, and install headrace stop logs for Bays 1 and 2. Replace head gates, tailrace stop logs, and associated hoist systems.

**Project Justification:** Head gates in Bays 1 and 2 are not properly functioning. Tailrace stop logs are rusted and are not functional. The tailrace hoist system is not operational. Consequently, the chambers of Bays 1 and 2 cannot be drained, and turbines cannot be inspected and maintained. These issues have delayed maintenance for several years. Ideally, turbines and other accessories require annual inspection and maintenance to prolong their life span.

**Project Status:** The project is near completion.

\*Information shown is estimated.