

Resolution Request

- Ratify Field Work Orders from previously approved GMPs.
- Final Acceptance of GMP's 1 and 2 for the first two units.
- Execute GMP5 for replacement of equipment on third unit.
- Budget revision of \$3M for completion of 2023 work.
- Increasing project budget to \$12.1M

- Future - A GMP for the fourth unit work will be presented to the commission in mid summer.

Project Overview

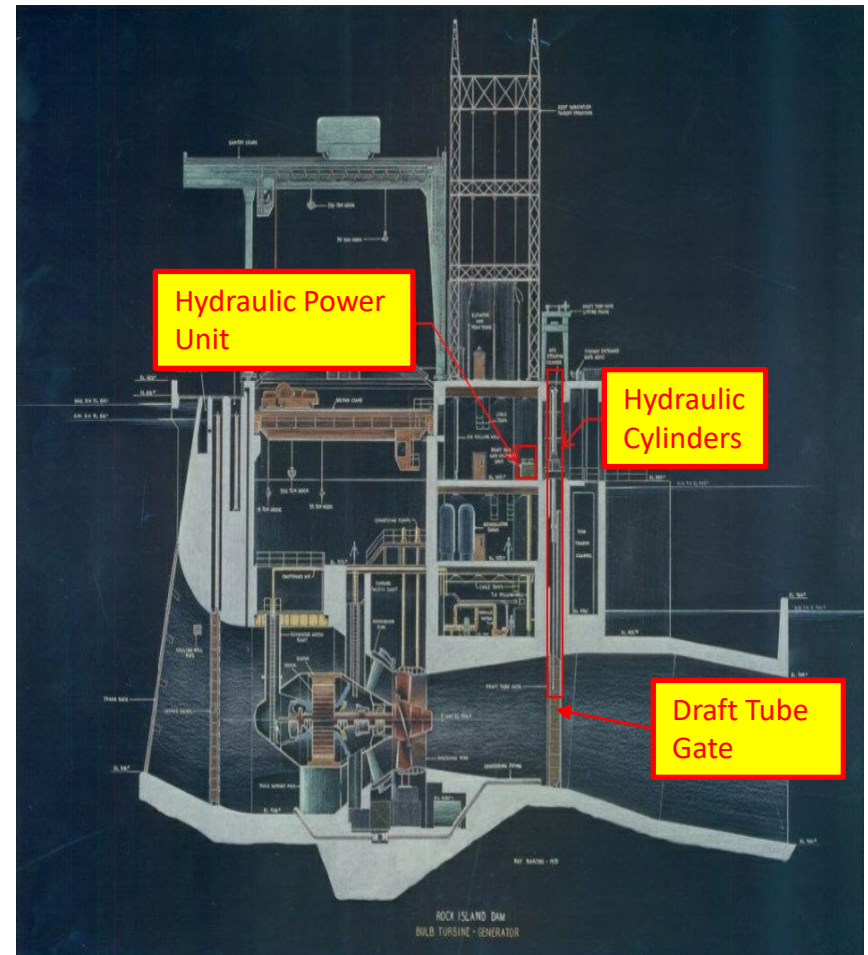
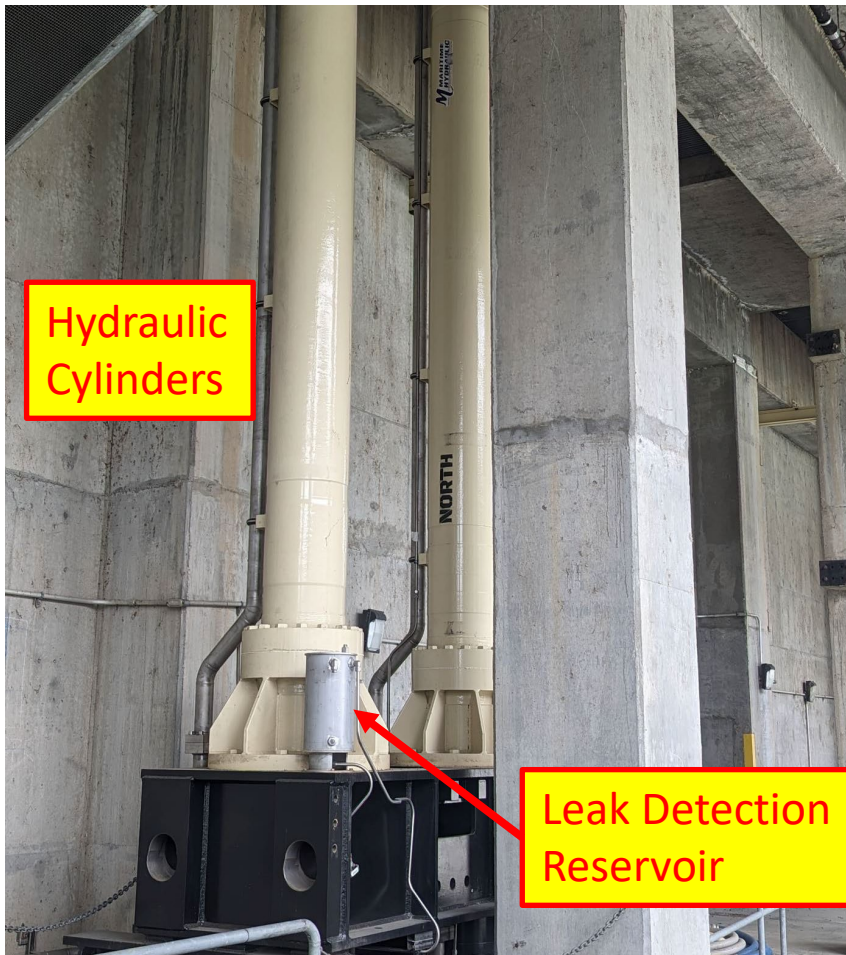
RI PH2 Draft Tube Gates

The Draft Tube Gate refurbishment project is related to the Rock Island Powerhouse 2 refurbishment program.

The benefits of this project are:

- Ensure another 40 years of reliable operation.
- Provides a higher hydraulic operating pressure to overcome increasing friction that occurs over time.
- Use of an Environmentally Acceptable Lubricant (EAL).
- Addition of a cylinder leak detection system.

Draft Tube Gate System



Project Budget Overview

- Originally an O&M project to refurbish the existing equipment, budgeted in 2019 at \$7.2M.
- Design changes to increase system pressure and to use EAL's necessitated purchasing new equipment.
 - This changed the project from O&M to Capital which required the addition of District labor costs.
- Material & Labor escalation.
- Reliability improvements identified during design.
- Lowest cost schedule alternative selected.
- Estimated total project cost is \$17M.
- Future budget revisions will be requested during the annual budget process.

Project Schedule

Contracting for long-lead equipment is complete

Installation schedule:

- Two units completed in 2022
- Two units planned for 2023
- One unit planned for 2024
- Three units planned for 2025

Next steps

Today -

- Ratify Field Work Orders.
- Final Acceptance of GMP's 1 and 2.
- Execute GMP5 for third unit .
- Budget revision of \$3M for completion of 2023 work.

Future –

- A GMP for the fourth unit work will be presented mid summer.
- Future budget revisions to be requested during annual budget process.

