

Rock Island Powerhouse 2 Rehabilitation

Board Update

July 23, 2018



CHELAN COUNTY

July 23 RI PH2 Rehab Update

- No Board Action Today
- Last Presentation 5/14/2018
 - Public Solicitation of Request for Information (RFI)
 - Evaluation of Alternative Procurement
 - General Contractor/Construction Manager (GC/CM)
 - Design-Build (DB)



July 23 RI PH2 Rehab Update



- Attended GC/CM workshop
- Received 3 responses to RFI
- New generators required in order to meet efficiency, cooling, and safety design criteria included in the RFI
- Met with alternate procurement consultant
- Agreed that Progressive DB method is best suited for this project

Schedule Comparison

11/20/2017 Original Schedule

- Q1 2018 – Bid documents
- Q2 2018 – Advertise bid
- Q4 2018 – Award
- Q4 2019 – Design Complete
- Q3 2021 – Start 1st Unit Outage
- Q4 2022 – 1st Unit Outage Complete

7/23/2018 DB Schedule

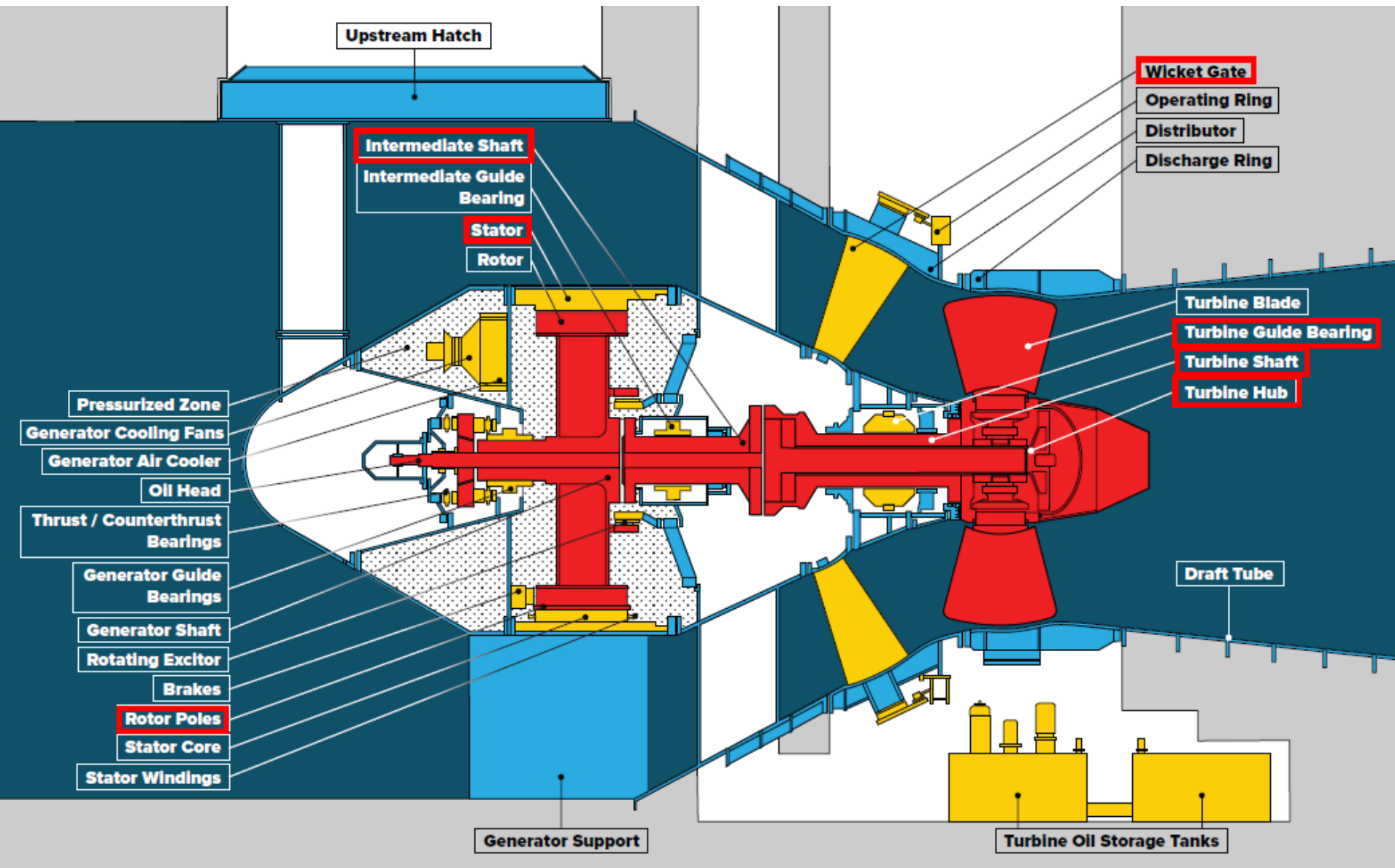
- Q2/Q3 2018 – Evaluate GC/CM & DB
- Q3 2018 – Obtain State approval for DB contract method
- Q4 2018 – Advertise RFQ for DB
- Q4 2018 – Short list & Issue RFP
- Q1 2019 – DB Negotiation
- Q2 2019 – DB Contract Award
- Q4 2019 – Design Complete
- Q3 2021 – Start 1st Unit Outage
- Q4 2022 – 1st Unit Outage Complete

Next Steps

- Re-design economic model for use in evaluating DB proposals
- Complete DB State Application
- Submit Application to State Project Review Committee (PRC) by 8/20/2018
- Finalize Request for Qualifications (RFQ) and RFQ Evaluation Process
- Present at State PRC on 9/27/2018
- Board Authorization to Advertise RFQ on 10/1/2018
- Advertise RFQ by 10/31/2018
- Draft Request for Proposal and Contractor Selection Process



Questions?



Upstream Hatch

Intermediate Shaft
Intermediate Guide Bearing

Stator
Rotor

Wicket Gate
Operating Ring
Distributor
Discharge Ring

Turbine Blade
Turbine Guide Bearing
Turbine Shaft
Turbine Hub

Pressurized Zone
Generator Cooling Fans
Generator Air Cooler
Oil Head
Thrust / Counterthrust Bearings
Generator Guide Bearings
Generator Shaft
Rotating Excitor
Brakes
Rotor Poles
Stator Core
Stator Windings

Generator Support

Draft Tube

Turbine Oil Storage Tanks