Why We Are Here

Project Update:
1. Previous Decisions
2. RR Central Maintenance Program Overview
3. Schedule
4. Cost Summary
5. Phase 1 Construction

For your information, no Commission action is requested today
Previous Board Actions

• October 19, 2018, the Board approved moving forward with allocation of funds for the Rock Island and Rocky Reach Hydro operations improvement projects.

• February 4, 2019, the Board approved a resolution to enter into a second contract with Lydig Construction for the Support Facility Construction at Rocky Reach.
Central Maintenance Program October 16 2017

A  EXISTING CM-17 (Rehab/Remodel)
B  NEW PAINT & BLAST BUILDING
C  NEW STORAGE BUILDING
D  NEW OFFICE BUILDING
E  NEW HAZ-MAT BUILDING
F  NEW CREW BUILDING
X  NEW FUEL ISLAND

DIVE  DIVE SHOP (Relocate into existing warehouse)
CM-7  INTERIM TOOL ROOM (during CM-17 Rehab)
CM-8  INTERIM ELECTRICAL CLEAN ROOM (during CM-17 Rehab)
CM-11  INTERIM MACHINE SHOP (during CM-17 Rehab)
CM-13  INTERIM FABRICATION SHOPS & CNC (during CM-17 Rehab)
Central Maintenance Current Program

Attributes of Alternate 7.1
- New shops building W/ dry/mill/davit/birdload.
- CM-17 repurposed as storage (wire & wire shops).
- New dock/crane facility centrally located.
- New office building.
- Paint shops reorganized in CM-1.
- Blast & paint shop relocated to CM-1.
- Hydro storage located in CM-7, CM-15, & CM-16.
- Improved safety & circulation in north yard.
- No change to CM rolling stock painted.

Facility Key
- CM-1: Hydro powerhouse storage
- CM-2: Oil storage (no work)
- CM-3: Parks storage
- CM-4: Rolling stock storage
- CM-5: Contact wire storage
- CM-6: Parks, hazmat & working stock storage
- CM-7: Hydro shop (warehouse)
- CM-8: Blast building (demolished)
- CM-9: Storage (demolished)
- CM-10: Blast & paint shop
- CM-11: Mule/hauling materials (demolished)
- CM-12: Wood shop (parking garage)
- CM-13: Office building (demolished)
- CM-14: Fleet shops (no work)
- CM-15: Covered storage
- CM-16: P&R, crane tower (demolished)
- CM-17: Hydro storage, wire & wire shops
- CM-18: Fleet trail to CM-17
- CM-19: Emergency building (no work)
- CM-20: Fleet machine shop
- CM-21: New building (demolished)
- CM-22: Flooded building
- CM-23: New above ground fuel
- CM-24: New shop building

Future Scenario: "ORN" Dome (existing)
# Project Schedule

<table>
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<tr>
<th>ACTIVITY</th>
<th>JAN</th>
<th>FEB</th>
<th>MAR</th>
<th>APR</th>
<th>MAY</th>
<th>JUNE</th>
<th>JULY</th>
<th>AUG</th>
<th>SEPT</th>
<th>OCT</th>
<th>NOV</th>
<th>DEC</th>
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<tbody>
<tr>
<td>PHASE 1 CENTRAL MAINTENANCE EARLY SITE WORK PACKAGE FUEL ISLAND</td>
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<tr>
<td>CENTRAL MAINTENANCE BUILDING DESIGN</td>
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<td>30% Design Estimate</td>
<td>60% Design Estimate</td>
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<td>PHASE 2 CENTRAL MAINTENANCE STRUCTURES THROUGH 2021</td>
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2019

2020
Phase 1 Complete

Schedule:
Dec 2019
Phase 1 - Fuel Island Complete

Phase 1 - CM Buildings & Fuel Island Demolished

Phase 1 - Utilities complete (if weather permits) potentially late December

March 2020
CM Trailer relocation
Phase 2 Complete

Schedule:
June 2020 - June 2021
Phase 2b - Construct Crew Facilities
"The Knuckle"

Begins immediately upon Shop building foundation completion and primary steel frame at north is complete (including mezzanine)
# Project Cost Summary

<table>
<thead>
<tr>
<th>Rocky Reach Central Maintenance Facility Project</th>
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<tbody>
<tr>
<td>Total Project Budget</td>
<td>$41,500,000</td>
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<tr>
<td>Spent to Date (Phase 1 &amp; 2 Design and Internal Labor Costs)</td>
<td>$900,000</td>
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<tr>
<td>Phase 1 Construction – Early Site Work and Demolition Costs</td>
<td>$3,973,861</td>
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<tr>
<td>Phase 2 Design and Construction – Structures Package Pre Design Estimate (New buildings and rehabilitation of existing buildings)</td>
<td>$36,626,139</td>
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<tr>
<td><strong>Total Cost</strong></td>
<td><strong>$41,500,000</strong></td>
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**Project Total Forecast:** On Budget
Next Steps

• Provide additional information requested.
• Return August 19, with a resolution for board consideration to issue a Guaranteed Maximum Price (GMP) Amendment to Lydig Construction for the phase 1 early site work and demolition package.

Questions?
Appendix

• Central Maintenance Renderings
CM22 - Shops & Tool Room

Rocky Reach CM Support Facilities - 30% Design Phase (Schematic Design)

June 24th, 2019

TCF Architecture
CM22 - Shops & Tool Room

Rocky Reach CM Support Facilities - 30% Design Phase (Schematic Design)

June 24th, 2019

TCF Architecture
CM22 - Shops & Tool Room

Rocky Reach CM Support Facilities - 30% Design Phase (Schematic Design)
CM21 - Administration Building

Rocky Reach CM Support Facilities - 30% Design Phase (Schematic Design)
CM24 - Crew Facilities

Rocky Reach CM Support Facilities - 30% Design Phase (Schematic Design)
CM17 - Warehouse, Powerhouse Storage, Dive & Wire Shops

Rocky Reach CM Support Facilities - 30% Design Phase (Schematic Design)

June 24th, 2019

TCF Architecture
CM17 - Warehouse, Powerhouse Storage, Dive & Wire Shops

Rocky Reach CM Support Facilities - 30% Design Phase (Schematic Design)

June 24th, 2019
CM17 - Warehouse, Powerhouse Storage, Dive & Wire Shops

Rocky Reach CM Support Facilities - 30% Design Phase (Schematic Design)

June 24th, 2019

TCF Architecture