Colorado River Storage Project (CRSP) Update

Brian Sadler, Administrative and Technical Services Manager
What is WAPA?

- One of 4 power marketing administrations, under DOE
- Agency formed in 1977
- Wholesale electricity supplier
- Approximately 700 long-term/firm power preference customers
Who is WAPA?

- 15 states
- Operate 4 BAs
- 57 hydropower plants
- 10,503 MW of installed capacity
- 17,231 miles of transmission lines
- 40-million end users/year
Colorado River Storage Project

135 long-term customers
• 54 Native American tribes
• 64 Municipalities, cooperatives, irrigation districts
• 17 Other

• 12 power plants
• 27 generating units
• 1,827 MW total installed capacity (73% from Glen Canyon)
• 4,225 GWh Net Generation (74% from Glen Canyon)
• 2,325 circuit miles (Arizona, Colorado, New Mexico, Utah, Wyoming)
2021 Revenues and Expenses

Projected – from our Power Repayment Study (PRS)

• Revenue: $172.4M
• Expenses: $192.8M ($60M PPW)
• Projected Repayment: 0.33M
  • Scheduled Repayment: $34.8M
    • Scheduled for repayment original investment: $12.1M
• Balance: -$20.5M
Lake Powell Elevation Continues to Drop

![Lake Powell Elevation Graph]

- Minimum power pool elevation: 3490

Date: June 98 - May 23
Cumulative Percent Reduction in Generating Efficiency with Decreasing Lake Powell Elevation
Basin Fund Cash Flow

Revenue comes in over time

CRSP Basin Fund

Cash outlays are immediate

- BOR & WAPA
- Replacements and Additions (RRADs)
- Purchase Power for Firm Contracts
- Principal & interest return of Investment to the U.S. Treasury
- Non-reimbursable activities
- Constructive Return

Power Rates
Power Revenues
Direct Appropriations
## Basin Fund Projected Balance

### Purchase Power Estimates
- FY2021 - $75.0M
- FY2022 - $103.6M
- FY2023 - $67.8M

### *Basin Fund Projections*
- FY21 EOY Balance - $67.7M
- FY22 EOY Balance - $(1.7M)
- FY23 EOY Balance - $(51.6M)

*With no CRC, Misc. Revenues, Rate Action or other mitigation measures*
Mitigation

• Cost Reduction/Deferment
  • O&M
  • Capital
• New Rate
  • One year after last rate
• Non-Reimbursable Expenses
  • Anticipating no transfer to Reclamation ($21.4M) for environmental programs (Constructive Return) in FY2022
• Experiments

Considerations:
• Safety
• Reliability
• Incremental future costs
Thank you

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