



Klamath River Renewal Project

Briefing on Upcoming Opportunities

November 7, 2018

AECOM


**KLAMATH
RIVER RENEWAL
CORPORATION**

Agenda

1. Background and KRRC Overview

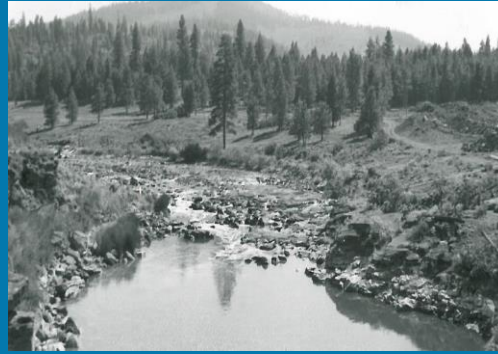
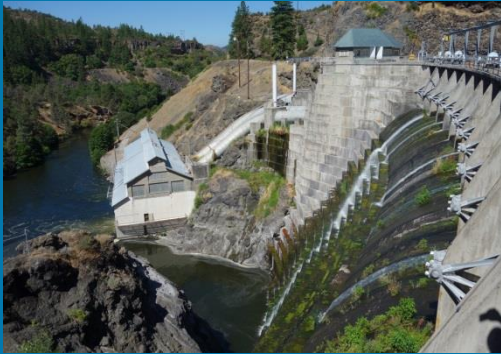
2. Project Overview

3. Upcoming Opportunities

- with Design-Builder
- with KRRC

4. Questions

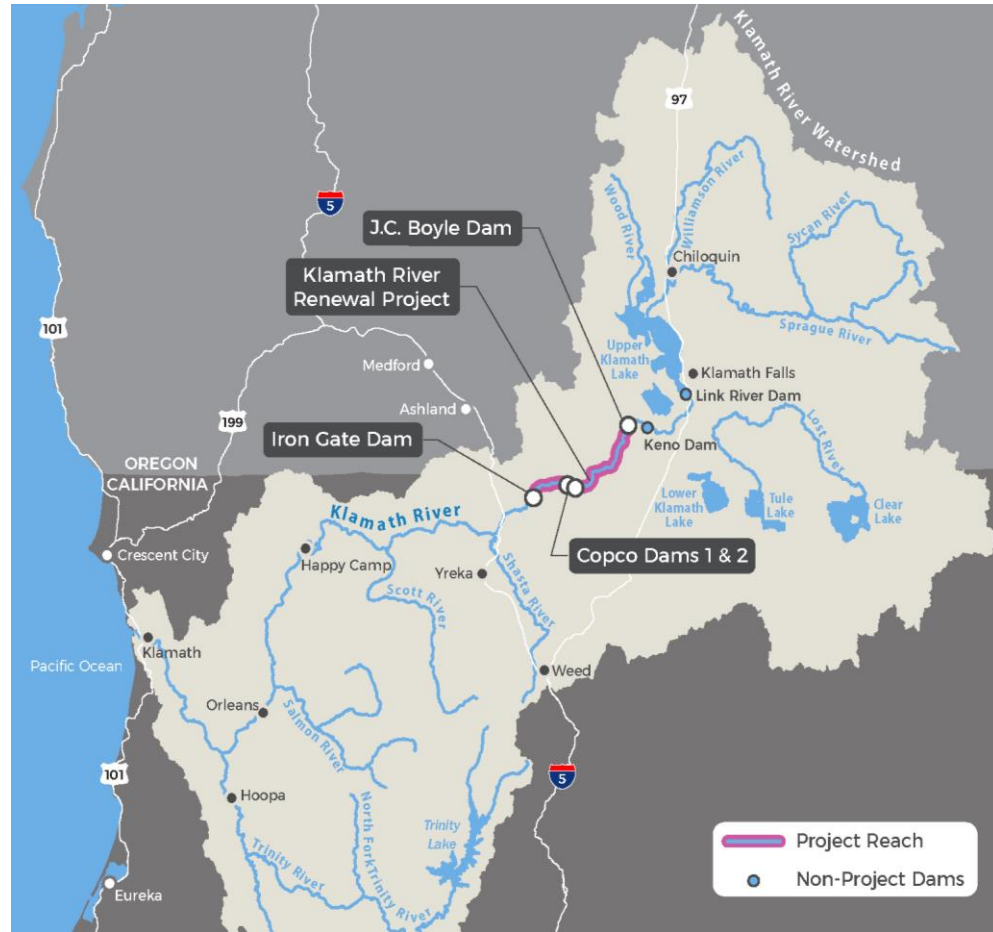
- Please hold your questions until the end of the presentation.
- A copy of this presentation will be published at www.klamathrenewal.org
- Please sign our register, which will be published on our website to facilitate networking



1 – Background and KRRC Overview

Klamath River Renewal Corporation

- 501(c)(3) non-profit organization
- Launched in 2016
- Governed by a 15-person Board
- Board appointed by signatories of amended Klamath Hydroelectric Settlement Agreement (KHSA)
- Single mission: Restore fish passage & improve water quality, primarily by decommissioning four hydroelectric dams
 - *Not authorized to evaluate alternatives to dam removal*



Klamath River Basin

Lower Klamath Project Dams

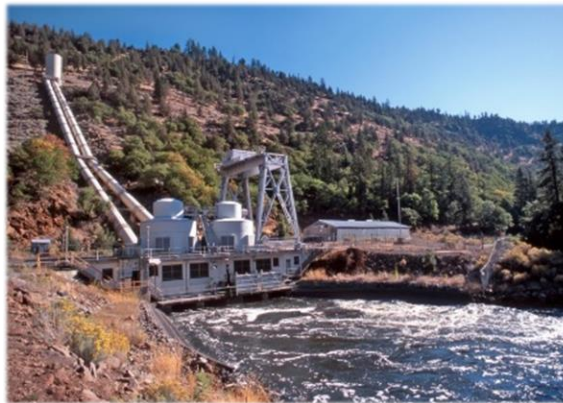
- Hydropower dams
- Privately-owned and operated by PacifiCorp
- Not operated to provide flood control, irrigation diversion, or storage for agriculture



Copco No. 1, CA



Copco No. 2, CA



JC Boyle, OR



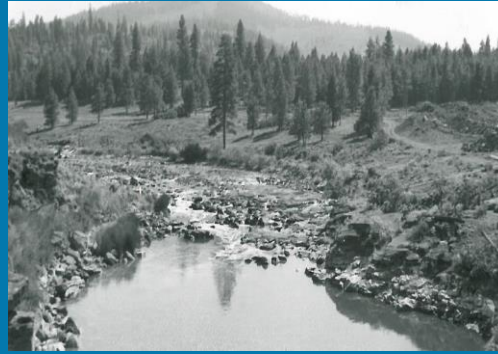
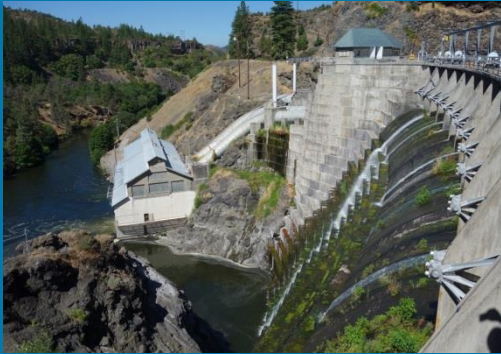
Iron Gate, CA

Project Funds Available

- **PacifiCorp Customer Funds via Public Utility Commissions Funding Agreements**
 - Oregon: \$184 M
 - California: \$16 M
- **California Proposition 1 Bond Funds**
 - Up to \$250 million



Klamath River between JC Boyle Dam and Powerhouse

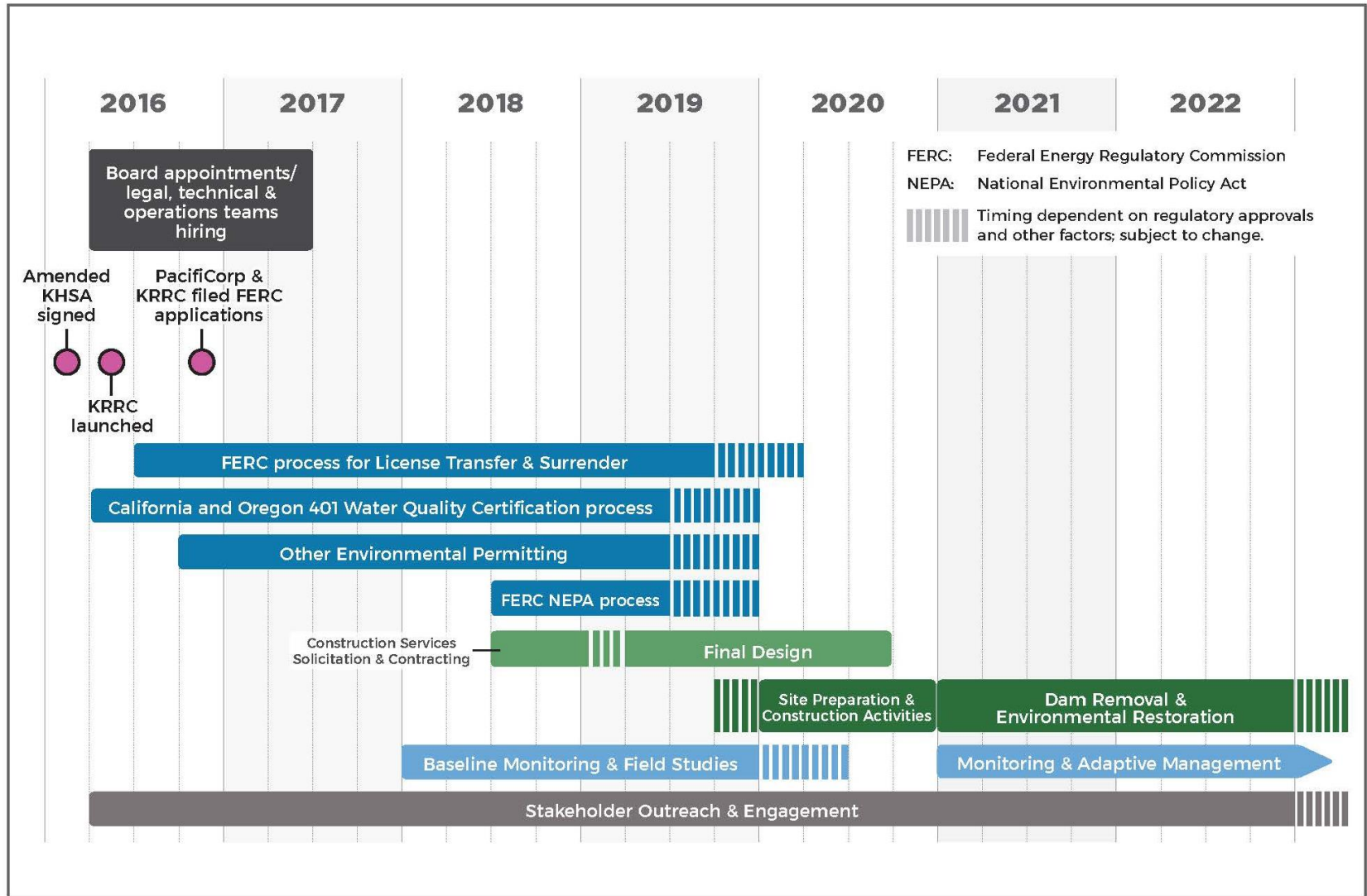


2 – Project Overview

Major Work Components



Anticipated Project Timeline



Overview of Anticipated Procurement Scope and Dates

Early Scope by KRRC

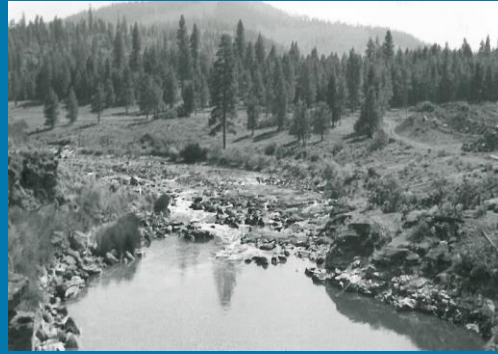
2018	<ul style="list-style-type: none"> • Native seed collection • Dam removal design-build solicitation • Vegetation test plot construction • Native seed propagation
2019 Q1	<ul style="list-style-type: none"> • Dam removal design-build contract award
	<ul style="list-style-type: none"> • Groundwater monitoring • Yreka water system design

Early Scope by Design-Build Contractor

2019	<ul style="list-style-type: none"> • Project Final Design • Invasive Exotic Veg Eradication • Drawdown Gate Fabrication
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Construction Scope by Design-Build Contractor

2020	<ul style="list-style-type: none"> • Dam drawdown mods • Bridge, culverts & paving • Yreka water system • Recreation facilities • Hatchery modifications • Downstream flood control • Groundwater wells
2021	<ul style="list-style-type: none"> • Dam & facilities removal • River channel restoration • River habitat restoration



3 – Upcoming Opportunities with Dam Removal Design-Builder

Participation Goals for Dam Removal Design-Builder

- Some work self-performed by team on “open book”
- Competitive bids for remaining work

Local Participation Goal

Minimum 5% of contract price

Including subcontractors and employment of local labor force

Local means the counties of:
Klamath, Siskiyou, Del Norte, Humboldt,
Jackson, Josephine, Douglas, Lake, Trinity,
Shasta, Tehama, and Modoc

*With particular preference given to:
Klamath, Siskiyou, Del Norte, Humboldt
counties*

Tribal Participation Goal

Minimum 5% of contract price

Tribal means a tribally owned business that is at least 51% owned by a Tribe (or members of a Tribe) recognized by the United States government

Note: Information subject to change

Participation Goals for Dam Removal Design-Builder

Local Participation Goal

Minimum 5% of contract price

Including subcontractors, and employment of local labor force

Tribal Participation Goal

Minimum 5% of contract price

KRRC will evaluate Design-Build bidders on:

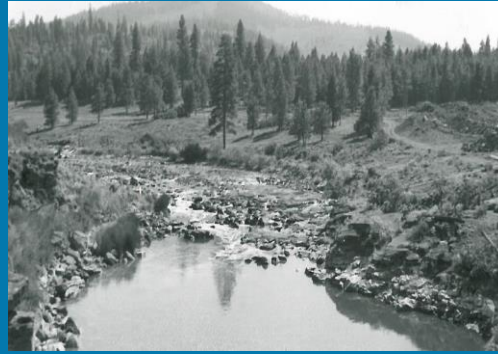
- Plans to meet participation goals
- Methods to track & report on goals
- Previous success at meeting local/tribal goals

Key Dates: Dam Removal Design-Builder Procurement

- Shortlist of Qualified Proposers Nov 2018
- Select & execute contract Q1 2019
- Commence design Q1 2019
- Submit construction proposal Q3 2019
- Commence construction Q1 2020

Upcoming Opportunities with Design-Builder

2019 Early Scope	2020 Construction	2021 Construction
Dam removal design work (Q1)	Dam drawdown modifications	Dam & facilities removal
Eradication of invasive exotic vegetation (Q2)	Bridge, culvert & paving	River channel restoration
Fabricate steel gates for dam drawdown (Q3)	Yreka water system	River habitat restoration
	Recreation Facilities	
	Hatchery modifications	
	Downstream flood control	
	Groundwater wells	



3 – Upcoming Opportunities With KRRC

Upcoming Opportunities with KRRC

Solicitation		Award
N/A	Native Seed Collection 2018	Awarded
<ul style="list-style-type: none"> • Awarded for work in 2018 • Future opportunities to work with Design-Builder from 2019 		
Sep 2018	Dam Removal Design-Build Contract	Mar 2019
Sep 2018	Vegetation Test Plot Construction	Nov 2018
Nov 2018	Native Seed Propagation	Jan 2019
Jan 2018	Groundwater Monitoring	Feb 2019
TBD	Yreka Water System Design	TBD

Upcoming Opportunities with KRRC

Solicitation		Award
N/A	Native Seed Collection 2018	Awarded
Sep 2018	Dam Removal Design-Build Contract	Mar 2019
<p>Upcoming Design-Builder opportunities identified on previous slides.</p> <ul style="list-style-type: none"> • Qualifications received. Design-Build shortlist issued Nov 2018 • Design-Build firm will be selected in Q1 2019 • Commence design in 2019 • Commence construction in 2020 		
Sep 2018	Vegetation Test Plot Construction	Nov 2018
Nov 2018	Native Seed Propagation	Jan 2019
Jan 2019	Groundwater Monitoring	Feb 2019
TBD	Yreka Water System Design	TBD

Upcoming Opportunities with KRRC

Solicitation		Award
N/A	Native Seed Collection 2018	Awarded
Sep 2018	Dam Removal Design-Build Contract	Mar 2019
Sep 2018	Vegetation Test Plot Construction	Nov 2018
<ul style="list-style-type: none"> • Proposals received and under evaluation. • Award to be made shortly. 		
Nov 2018	Native Seed Propagation	Jan 2019
Jan 2019	Groundwater Monitoring	Feb 2019
TBD	Yreka Water System Design	TBD

Upcoming Opportunities with KRRC

Solicitation		Award
N/A	Native Seed Collection 2018	Awarded
Sep 2018	Dam Removal Design-Build Contract	Mar 2019
Sep 2018	Vegetation Test Plot Construction	Nov 2018
Nov 2018	Native Seed Propagation	Jan 2019
<ul style="list-style-type: none"> • Opportunities for experienced native plant seed propagators • Produce large quantities of native plant seed for project area restoration work 		
Jan 2019	Groundwater Monitoring	Feb 2019
TBD	Yreka Water System Design	TBD

Upcoming Opportunities with KRRC

Solicitation		Award
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Jan 2019	Groundwater Monitoring	Feb 2019
<ul style="list-style-type: none"> • Monitoring of groundwater sensing equipment around the project sites • Including data collection, analysis and reporting • Seeking local laboratories to analyze data 		
TBD	Yreka Water System Design	TBD

Upcoming Opportunities with KRRC

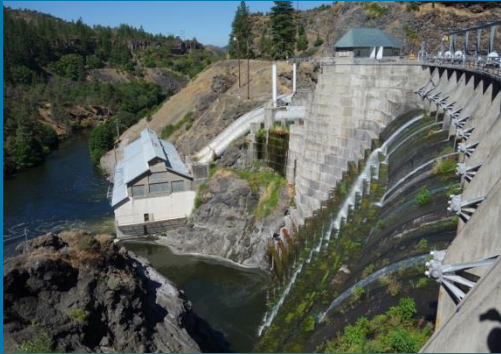
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TBD	Yreka Water System Design	TBD
<ul style="list-style-type: none"> • Design of replacement water pipeline and associated water infrastructure for the city of Yreka 		

THANK YOU!

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www.klamathrenewal.org/jobs

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4 – Questions