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Energy for What's Ahead℠

MEETING AGENDA

KERN RIVER NO. 3 (KR3) HYDROELECTRIC PROJECT (P-2290)
RECREATION AND LAND USE TECHNICAL WORKING GROUP (TWG)

Date: Thursday, October 29, 2020
Time: 1:30 PM – 4:00 PM
Location: Virtual On-Line Teams Meeting (access link here)
Dial in: 1-213-279-1475 / ID: 903 244 947#

MEETING PURPOSE

- Kick-off Recreation and Land Use TWG
- Provide information about the Kern River No. 3 hydroelectric project and relicensing timeline
- Review existing Recreation and Land Use information
- Present process for identifying additional information needs and development of study plans

MEETING AGENDA

Approx Time	Agenda Topic

1:30 – 1:45p,m (15 minutes)	• Welcome & Introductions
	  ○ TWG Charter Overview
	  ○ TWG Objectives

1:45 – 2:10pm (25 minutes)	• Project Overview • Relicensing Schedule
2:10 – 2:40pm (30 minutes)	• Recreation and Land Use Overview
2:40 – 2:50pm (10 minutes)	--------BREAK------

2:50 – 3:30pm (40 minutes)	• Resource Data Gap Identification Process
	  ○ Review FERC Study Plan Criteria
	  ○ Process for identification and discussion of proposed additional information needs

3:30 – 4:00pm (30 minutes)	• TWG Meeting Schedule, Next Steps, and Action Items

Note: Times are approximate and are subject to change on the day of the meeting

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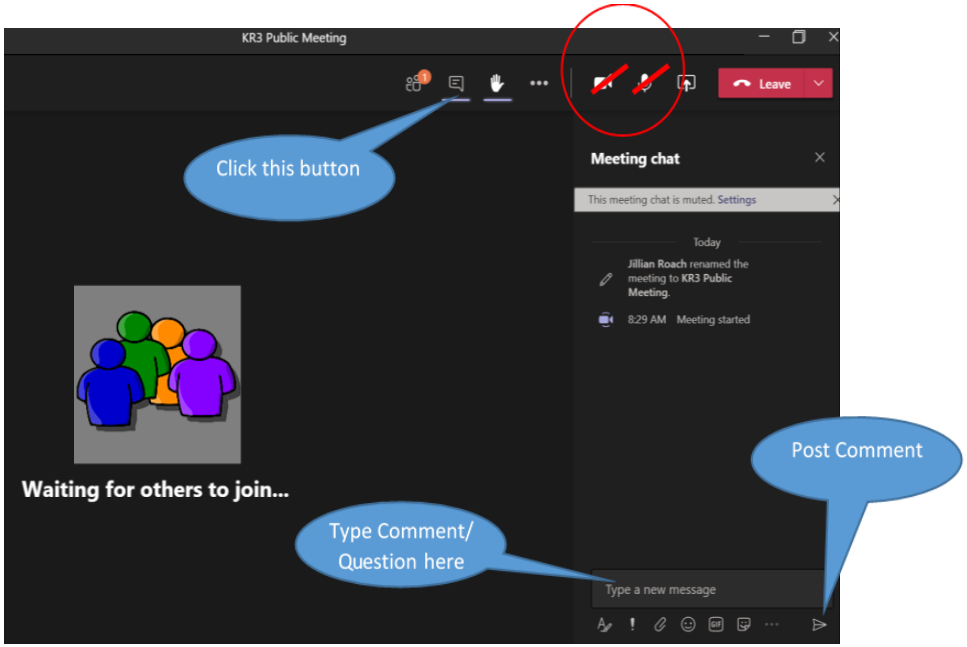
Kern River No. 3 Project
FERC No. 2290
Recreation and Land Use Technical Working Group Kick-Off Meeting

October 29, 2020
1:30 pm – 4:00 PM

Meeting will start shortly.

Virtual Meeting Best Practices

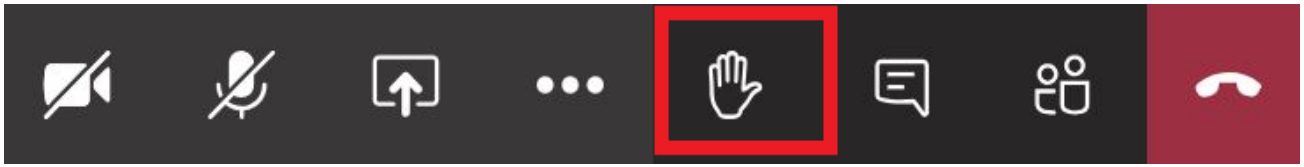
- Presentation is Available on Project Website, **www.sce.com/kr3**
- Please remain on mute when not talking
- Use of camera is optional



- Consider Shutting Down Unnecessary Background Programs for Best Meeting Audio/Viewing Quality
- Utilize the Chat Box During the Presentation for Questions or Comments

How to Ask a Question ??

- Use the Chat Box or Ask Question Verbally
- Use the “Raise Hand” Feature to Indicate You Would Like to Ask Your Question Verbally



- Please Wait to be Called on and then Unmute Your Line
  - Introduce yourself (name and affiliation) prior to speaking

Agenda

MEETING PURPOSE

- Kick-off Recreation and Land Use TWG
- Provide information about the Kern River No. 3 relicensing Project and Project timeline
- Review existing Recreation and Land Use information
- Present process for identifying additional information needs and development of study plans

Welcome & Introductions

- TWG Overview
- TWG Objectives

Project Overview and Relicensing Schedule

Recreation and Land Use Overview

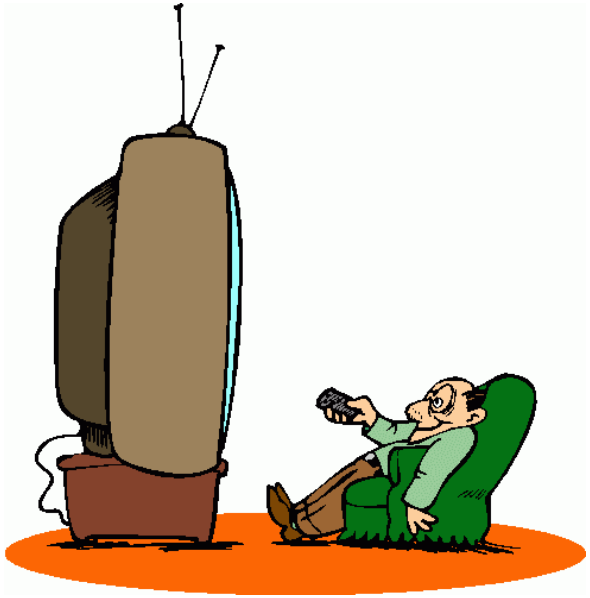
Resource Data Gap Identification Process

- Review FERC Study Plan Criteria
- Process for identification and discussion of proposed additional information needs

TWG Meeting Schedule, Next Steps, and Action Items

Introductions

- Name
- Affiliation
- Favorite Streaming Series



Technical Working Group

Meeting Ground Rules

- Participants will communicate with each other and the SCE Relicensing Team using respectful language
- Different points of view and opinions are welcomed
- Airtime will be shared and balanced
- Please listen and respect each other
- Please stay on topic
- Speakers generally will be allowed to finish without interruption
- Participants will honor meeting time limits, discussion timeframes, and the focus of the agenda
- Personal attacks or criticism are unacceptable
- Participants will respect requests from the facilitator related to these ground rules, the agenda, and meeting objectives

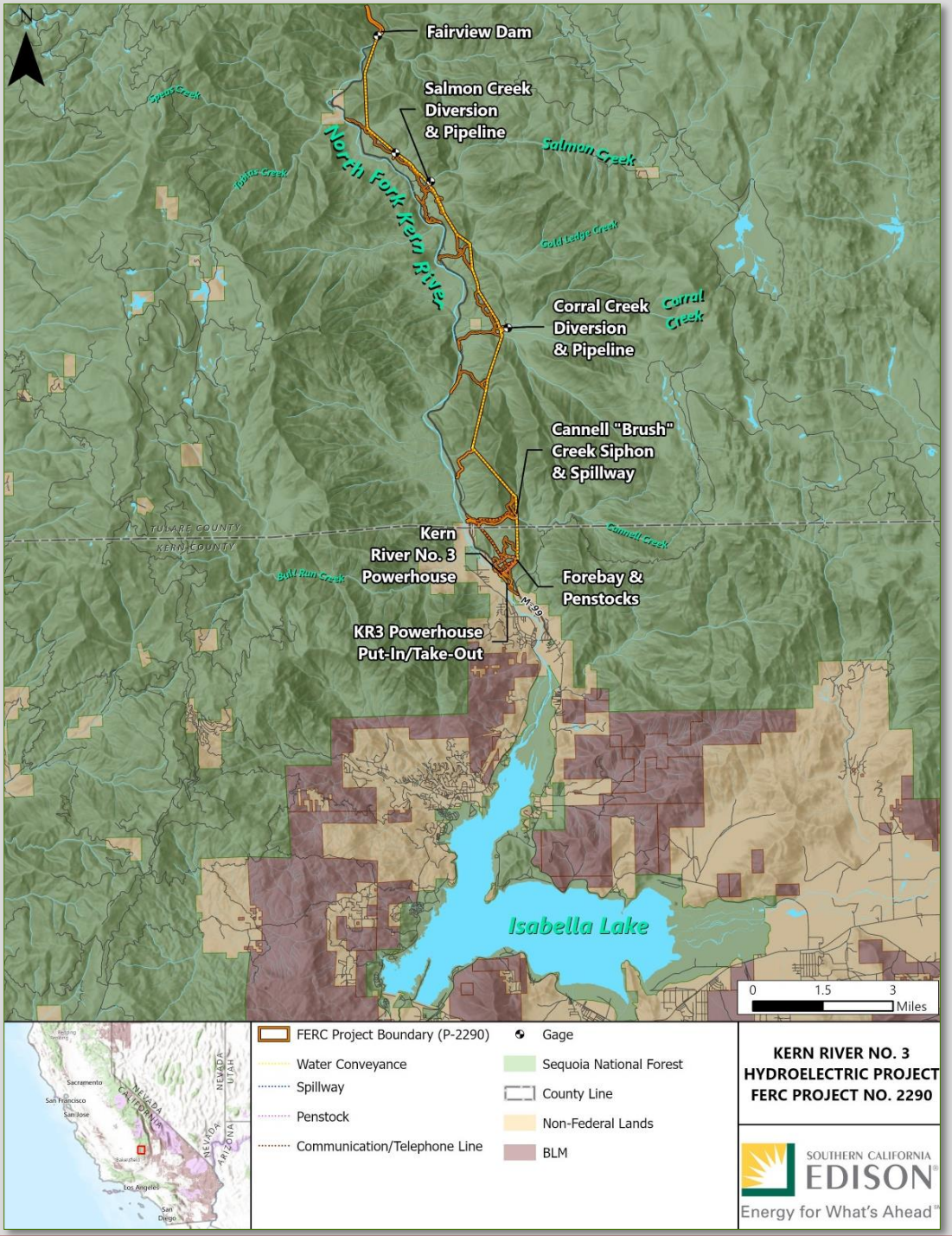
TWG Objectives

- Open to all interested parties
  - public agencies, Native American tribes, nonprofit/not-for-profit organizations, individuals
- TWG participation is voluntary
- Members provide technical expertise and share insight on a specific resource topic in a collaborative forum
- TWGs will use a consensus-based model for decision making on substantive issues

Project Overview and Relicensing Schedule

Project Overview

- Located in the western Sierra Nevada, primarily on Sequoia National Forest (SNF) lands about 40 miles northeast of Bakersfield, CA
- Situated on the North Fork Kern River (NFKR), within Kern and Tulare Counties
- The KR3 system runs parallel to Mountain Highway 99 (Kern River Highway) for approximately 16 river miles, and ends two miles north of the town of Kernville
- Project is run-of-river (no reservoir storage)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Fairview Dam
Salmon Creek Diversion & Pipeline
Salmon Creek
Spain Creek
Tobias Creek
North Fork Kern River
Gold Ledge Creek
Corral Creek Diversion & Pipeline
Corral Creek
Cannell "Brush" Creek Siphon & Spillway
TULARE COUNTY
KERN COUNTY
Cannell Creek
Kern River No. 3 Powerhouse
Bull Run Creek
Forebay & Penstocks
KR3 Powerhouse Put-In/Take-Out
Isabella Lake
0 1.5 3 Miles
FERC Project Boundary (P-2290)
Water Conveyance
Spillway
Penstock
Communication/Telephone Line
Gage
Sequoia National Forest
County Line
Non-Federal Lands
BLM
KERN RIVER NO. 3 HYDROELECTRIC PROJECT FERC PROJECT NO. 2290
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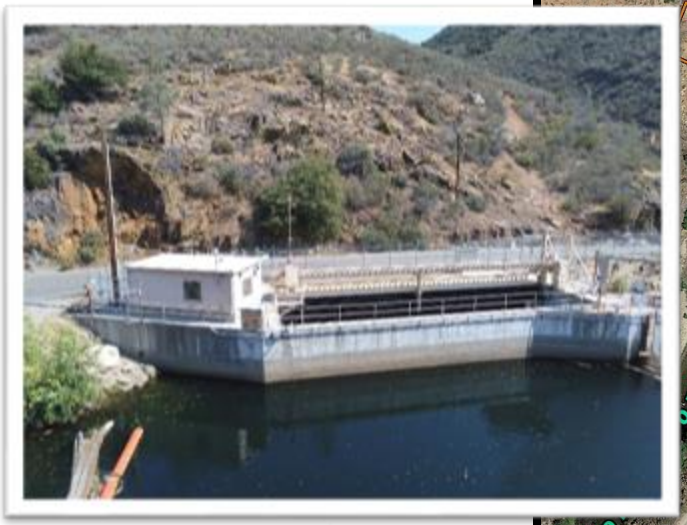
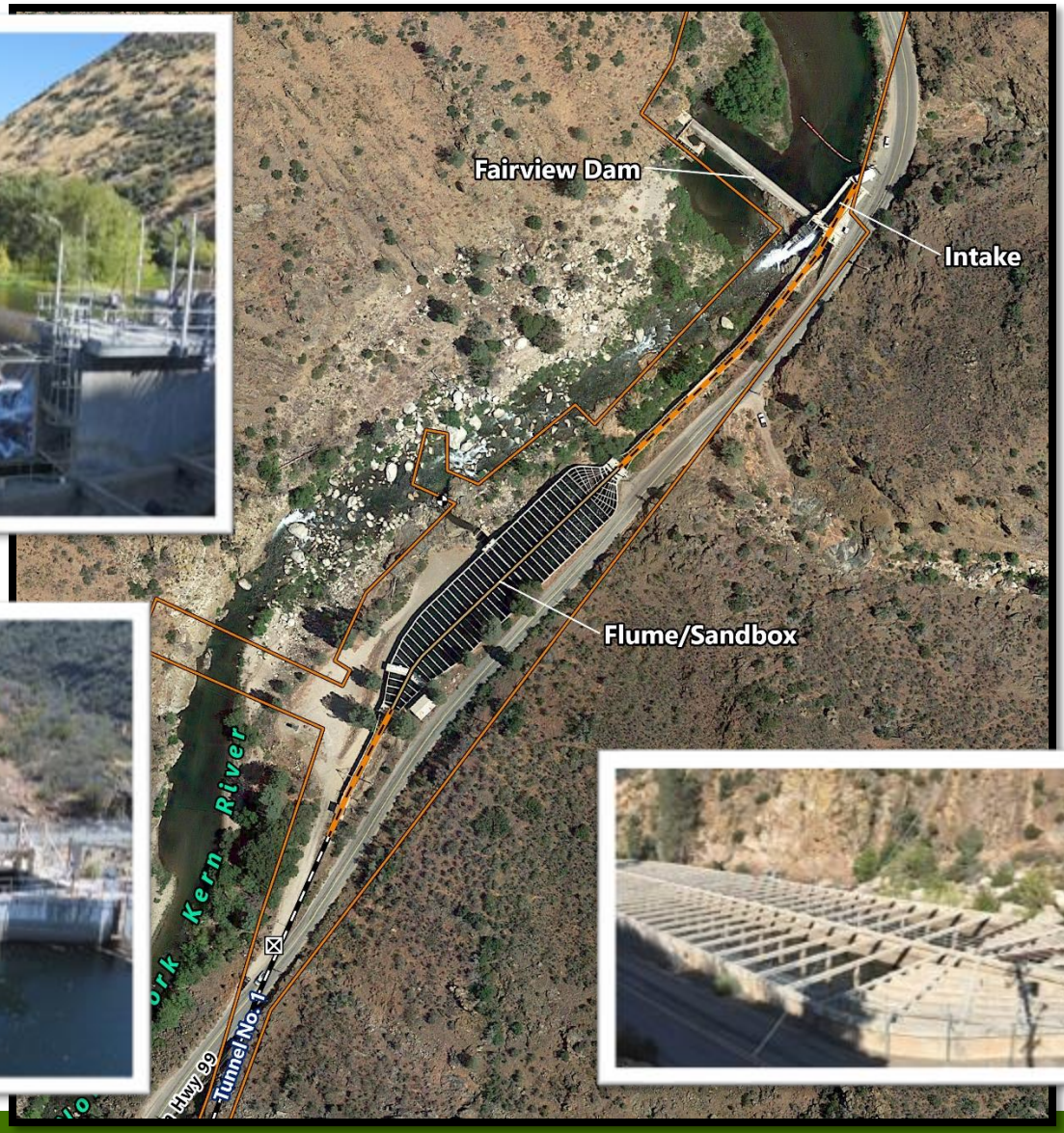
Project Overview: Fairview Dam



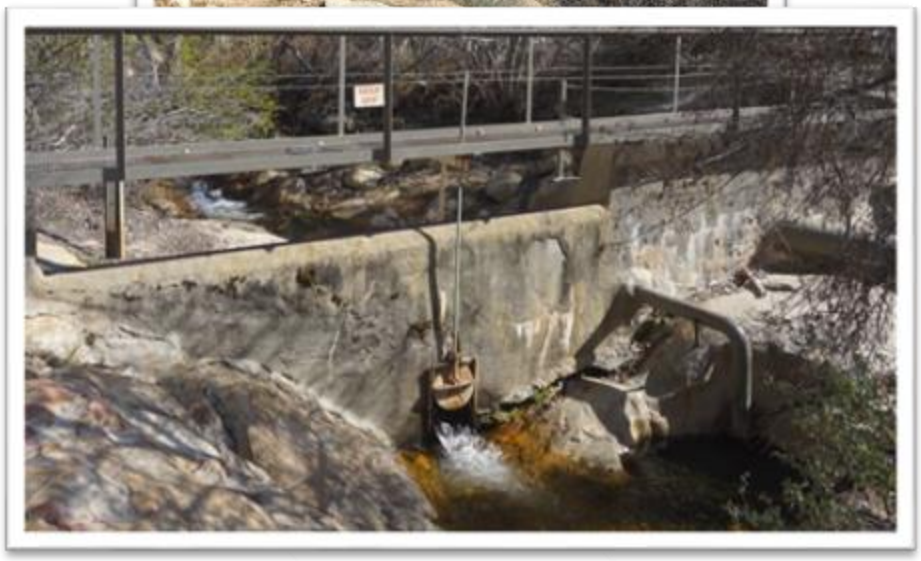


Project Overview: Conveyance Flowline

Adit 6 Stream Gage

Project Overview: Small Diversions

Corral Creek Diversion



Salmon Creek Diversion

Project Overview: KR3 Powerhouse

Project Generation and Operations

- Project Generation
  - 40.2 MW Generation Nameplate Capacity
  - Annual generation: 50,000-200,00 Megawatt hours (MWh)
  - Peak generation during March-July spring run-off
- NFKR Hydrology Drives Overall Operations and Limitations
  - Operates in a run-of-river mode (i.e., no storage capacity)
  - Bypass up to 620 cfs for Project generation through conveyance flowline

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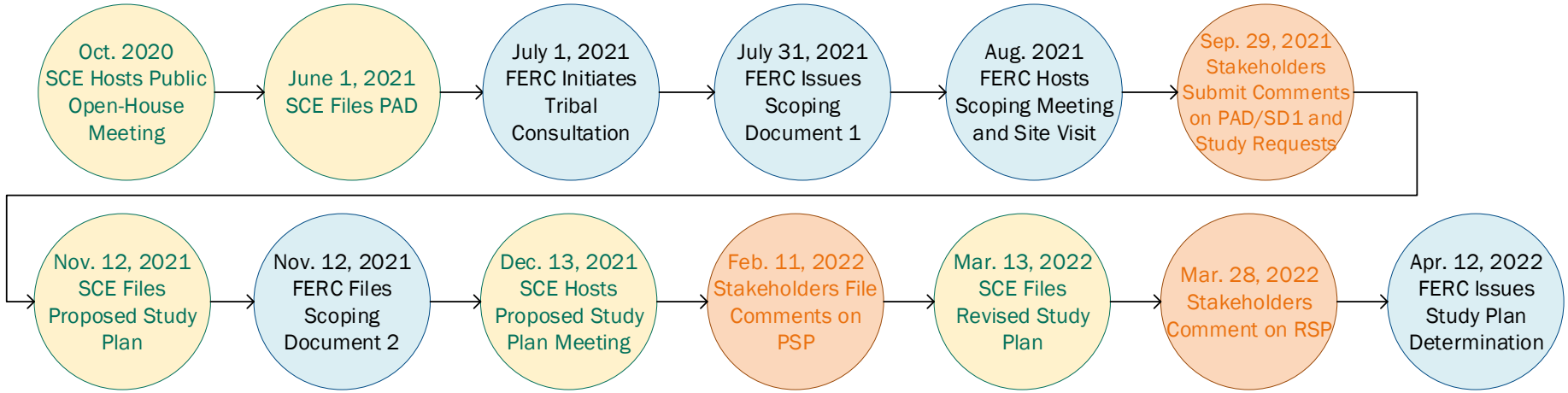
Basic Steps of Relicensing

- **Notice of Intent (NOI)**
  - SCE notifies FERC of their intent to seek a new license
  - Filed 5 to 5.5 years before the expiration of the license
- **Describe Project and Identify Key Questions**
  - Preliminary Application Document (PAD) summarizes existing Project-related information, potential future operations, and identifies potential resource issues
  - Stakeholders ask questions and request studies for information that doesn't already exist (Study Plan Development)
- **Answer Questions and Develop License Application**
  - Conduct studies for 1-2 years to fill in data gaps
  - Identify Protection, Mitigation, and Enhancement (PM&E) measures for the new license in coordination with stakeholders
  - Submit license application to FERC
- **FERC Conducts a NEPA review and issues license with term and conditions**
  - Solicits comments from stakeholders
  - Receives terms and conditions from agencies
  - Issues License

KR3 Proposed ILP Relicensing Dates: PAD Filing through Study Plan Determination



Legend

Blue: FERC

Yellow: SCE

Orange: Stakeholders

**dates based on proposed filing of PAD on June 1, 2021*

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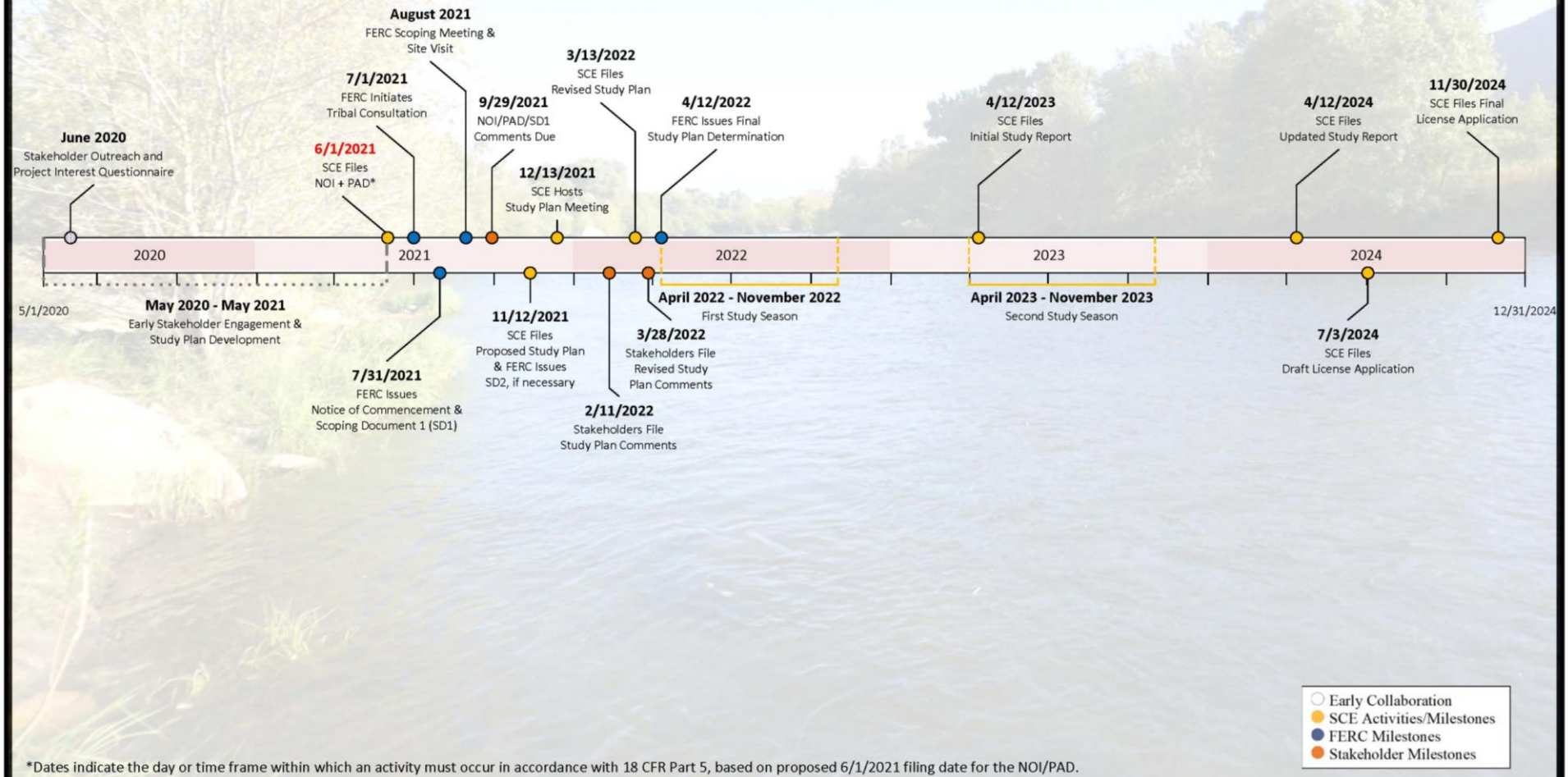
KERN RIVER NO. 3 HYDROELECTRIC PROJECT (FERC PROJECT NO. 2290)
PROPOSED ILP RELICENSING TIMELINE



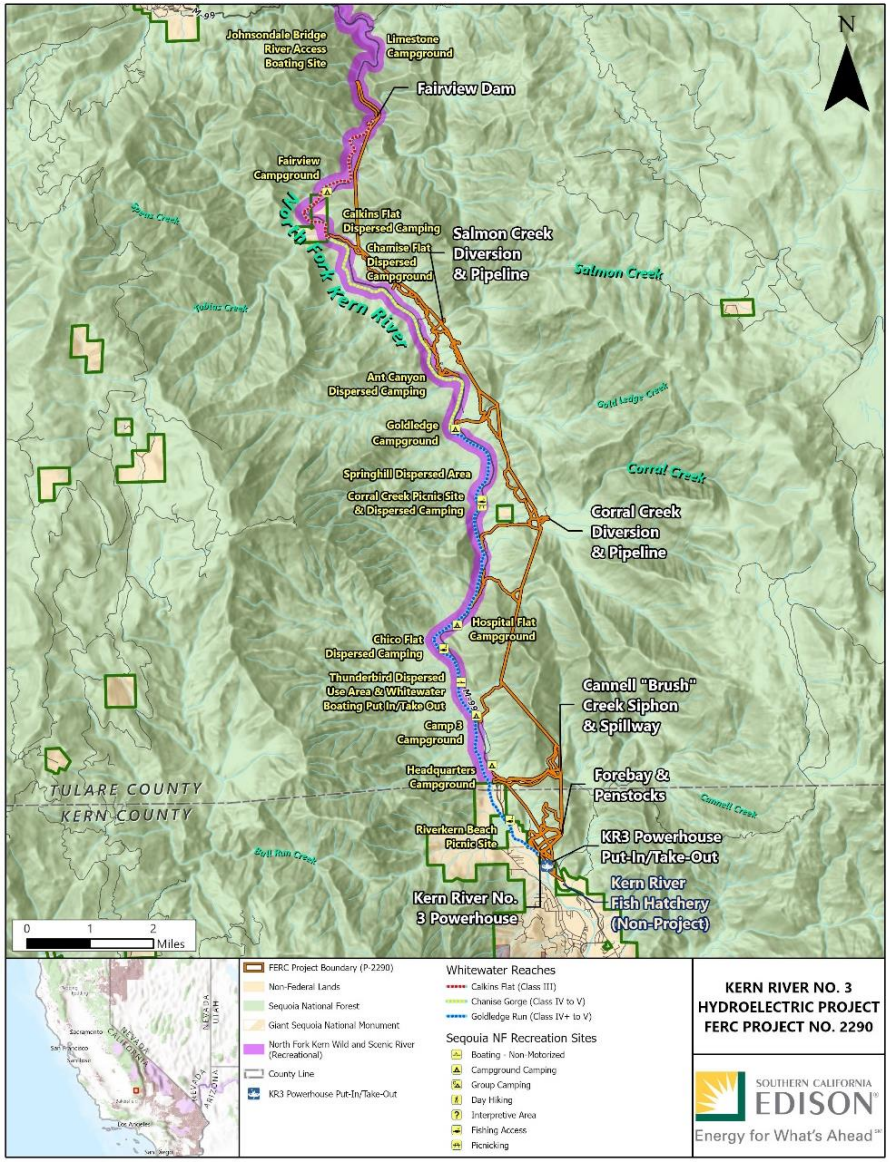
*Dates indicate the day or time frame within which an activity must occur in accordance with 18 CFR Part 5, based on proposed 6/1/2021 filing date for the NOI/PAD.

Updated Oct 2020

20

Recreation and Land Use Overview

RECREATION



- Boater put-in/take-out at Powerhouse
- Whitewater Flow Schedule
- Opportunities such as: Angling, Boating, Swimming

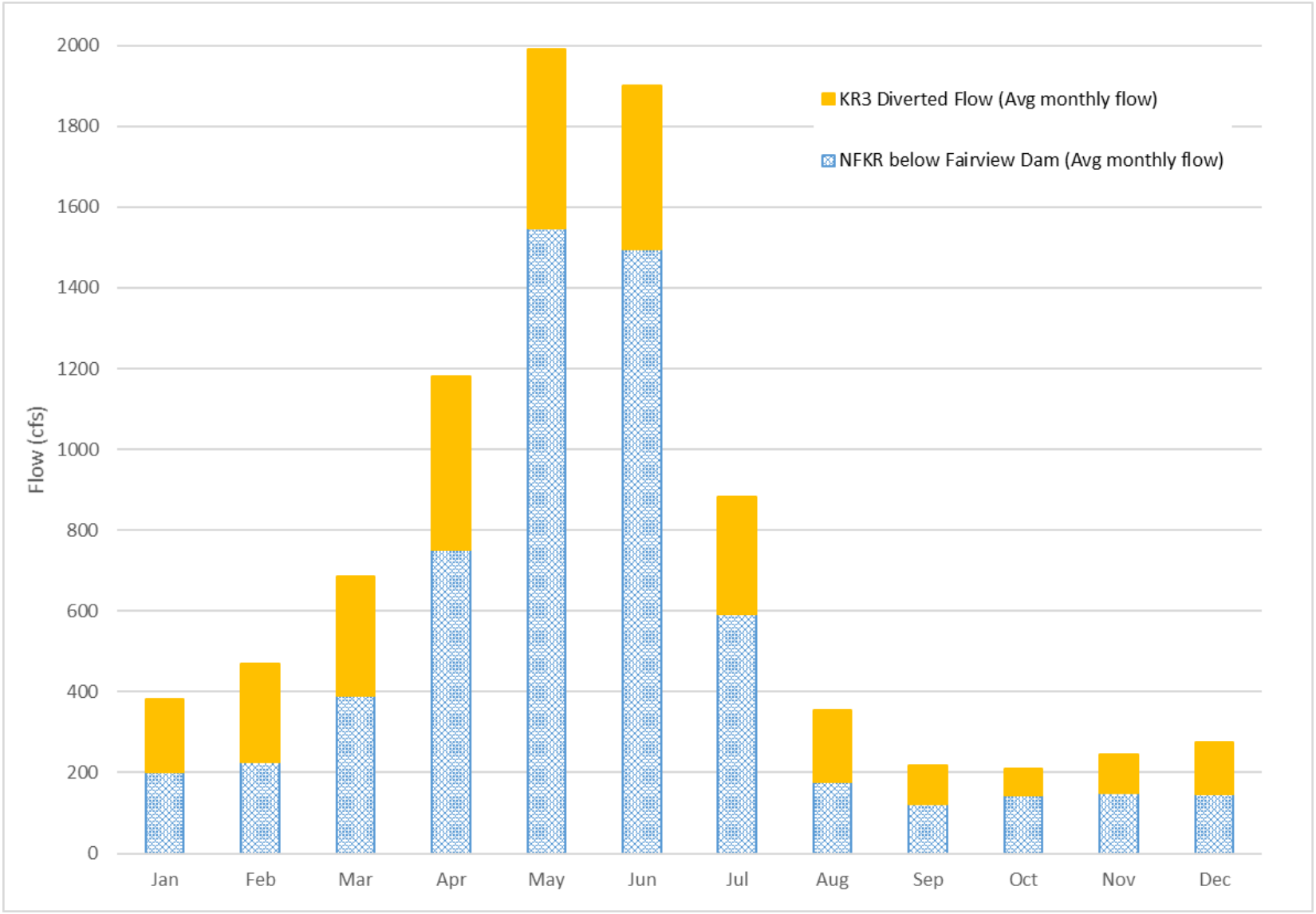
Recreation Facility

- Boater Put-in/Take-out at KR3 Powerhouse

Whitewater Flow Schedule

Dates	Boating Days	River Flow Fairview Dam (cfs)	Minimum Whitewater Release (cfs)
April 1 up to the weekend prior to Memorial Day Weekend	Fridays and Weekends	1,000 to 1,300 More than 1,700	700 1,400
Weekend prior to Memorial Day Weekend until July 4	Daily	1,000 to 1,300 More than 1,700	700 1,400
July 5 up to July 31	Weekends	1,000 to 1,300 More than 1,700	700 1,400

North Fork Kern River Hydrology (2001-2019)



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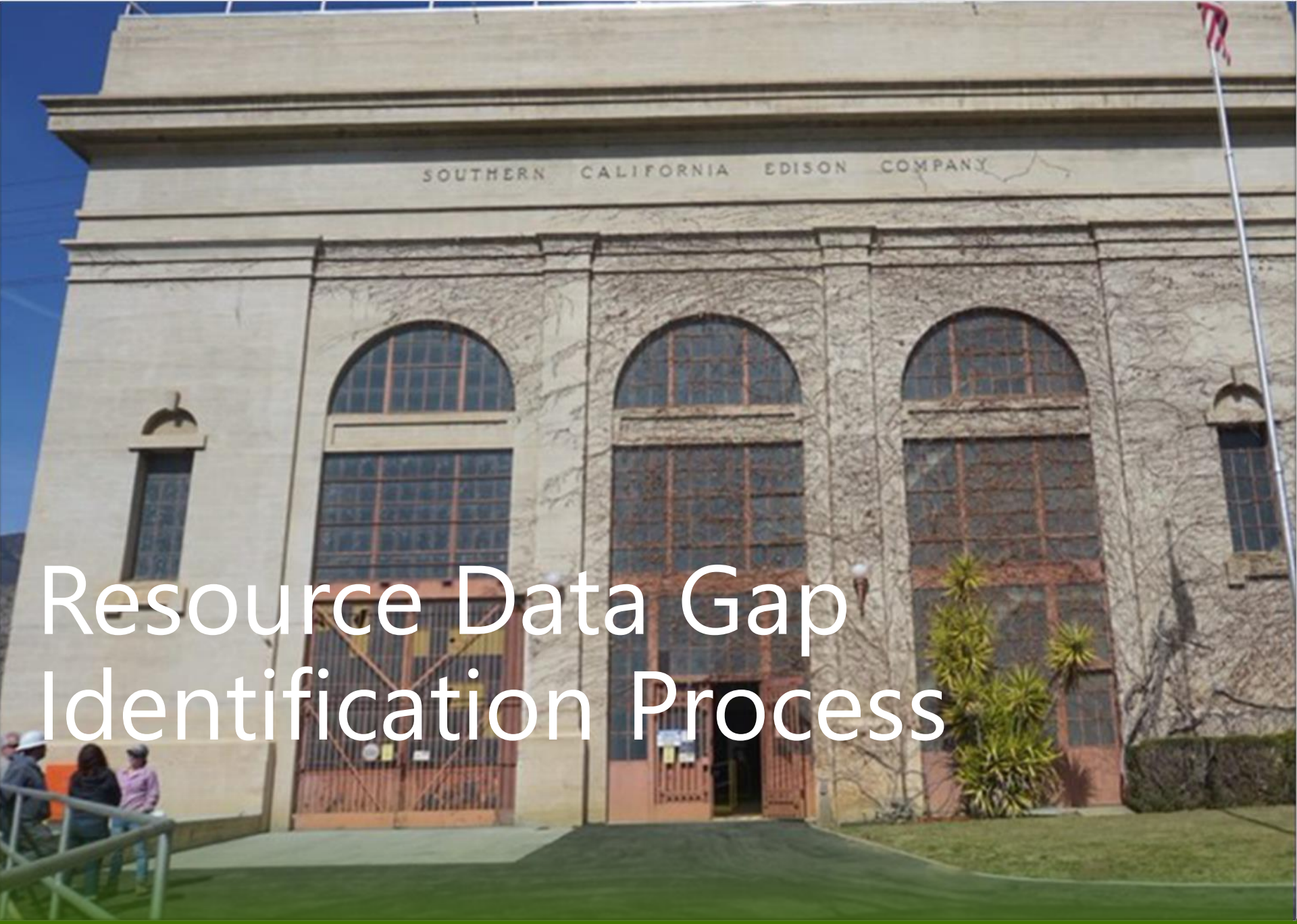
LAND USE

Land Use

- Project Primarily on Forest Service Lands
  - 9.4 acres of SCE-owned lands around the powerhouse
- North Fork Kern River is included in the Wild and Scenic-Recreational Designation
- 18 Miles of Project Roads and 2 Miles of Trails
- U.S. Forest Service is in Process of Revising the Forest Land Management Plan

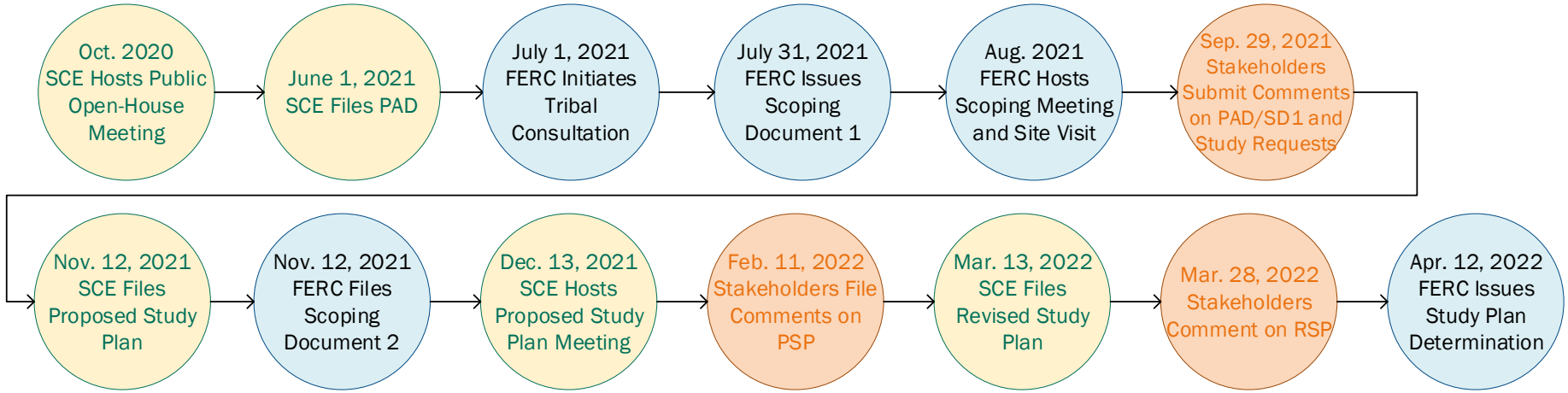
27

Break (10 minutes)



Resource Data Gap Identification Process

KR3 Proposed ILP Relicensing Dates: PAD Filing through Study Plan Determination



Legend

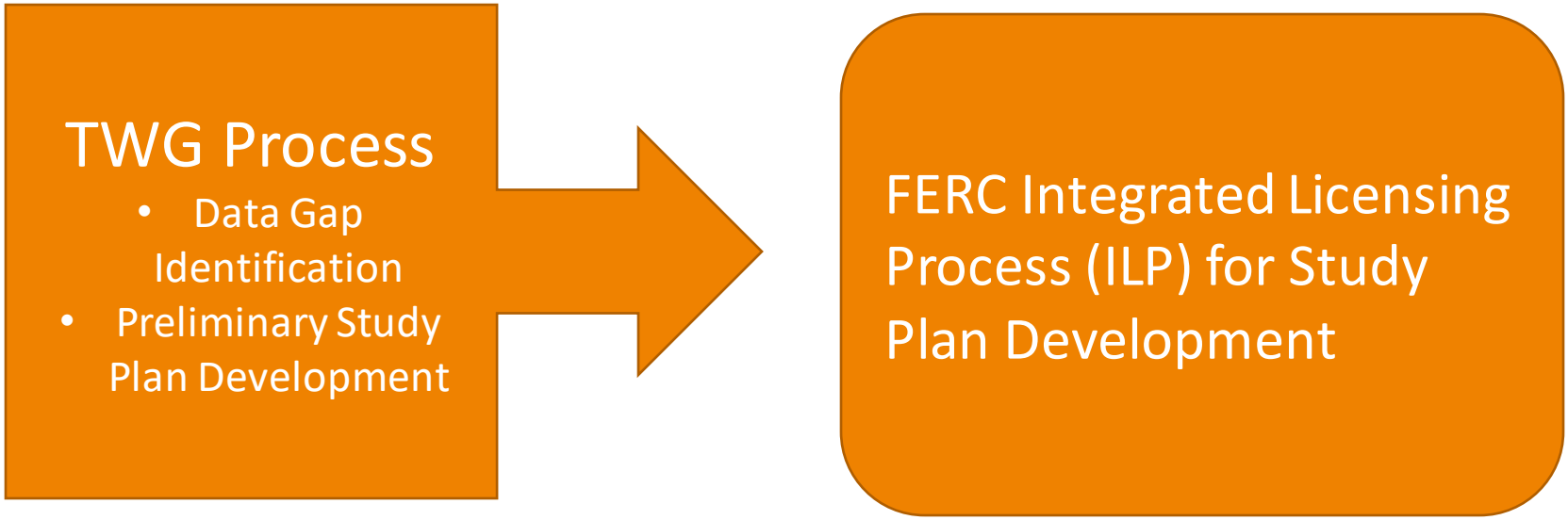
Blue: FERC

Yellow: SCE

Orange: Stakeholders

**dates based on proposed filing of PAD on June 1, 2021*

TWG Enhanced Collaboration



FERC Study Request Criteria (18 CFR § 5.9 (b))

1. Describe the **goals and objectives of each study proposal** and the **information to be obtained**;
2. If applicable, explain the **relevant resource management goals** of the agencies or Indian tribes with jurisdiction over the resource to be studied;
3. If the requester is a not resource agency, explain any **relevant public interest considerations** in regard to the proposed study;
4. Describe existing information concerning the subject of the study proposal, and the **need for additional information**;

FERC Study Request Criteria (18 CFR § 5.9 (b))

5. Explain any **nexus between project operations and effects** (direct, indirect, and/or cumulative) on the resource to be studied, and how the study results would **inform the development of license requirements**;

6. Explain how any **proposed study methodology** (including any preferred data collection and analysis techniques, or objectively quantified information, and a schedule including appropriate filed season(s) and the duration) is consistent with generally accepted practice in the scientific community or, as appropriate, considers relevant tribal values and knowledge; and

7. Describe considerations of **level of effort and cost**, as applicable, and why any proposed alternative studies would not be sufficient to meet the stated information needs.

TWG Data Gap Identification and Study Needs

1. TWG members present additional information needs for KR3 Recreation and Land Use

2. TWG evaluates information request using FERC study criteria

FERC Study Request Criteria
18 CFR § 5.9 (b)

(4) does the information already exist?

(5) Is there a nexus to project operations and will the additional information inform development of future license conditions?

(6) Is the study method feasible and accepted by scientific community?

3. TWG Decision

Yes, meets FERC study request criteria. Develop draft study plan.

No, does not meet FERC study request criteria.

Additional Information Needs Identification Table

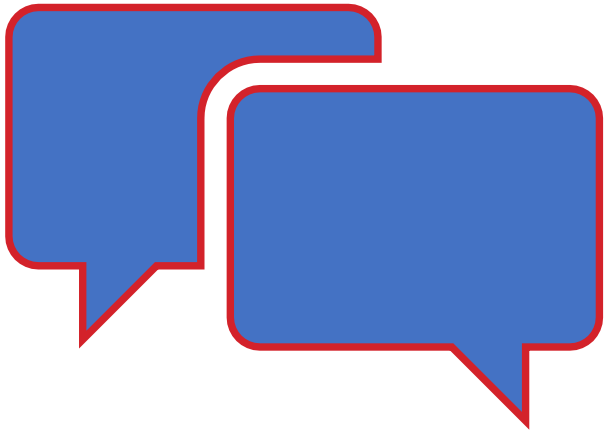
Resource Area (Fish/Aq/Hydro; Terr; Rec/Land; Cult/Tribal)	**1. Describe the goals and objectives of the study proposal and the information to be obtained 5.9(b)(1)**	**2. If applicable, explain the relevant resource management goals of the agencies or Indian tribes with jurisdiction over the resource to be studied 5.9(b)(2).**	**3. If the requester is a not resource agency, explain any relevant public interest considerations in regard to the proposed study 5.9(b)(3).**	**4. Describe existing information concerning the subject of the study proposal and the need for additional information 5.9(b)(4)**	**5. Explain any nexus between project operations and effects (direct, indirect, and/or cumulative) on the resource to be studied, and how the study results would inform the development of license requirements 5.9(b)(5)**	**6. Explain how any proposed study methodology (including any preferred data collection and analysis techniques, or objectively quantified information, and a schedule including appropriate filed season(s) and the duration) is consistent with generally accepted practice in the scientific community or, as appropriate, considers relevant tribal values and knowledge 5.9(b)(6)**	**7. Describe considerations of level of effort and cost, as applicable, and why any proposed alternative studies would not be sufficient to meet the stated information needs. 5.9(b)(7)**

35

Recreation and Land Use TWG Schedule

TWG Activity	2020			2021					
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
TWG kick-off									
Stakeholders populate additional Information needs table									
TWG review of additional information needs and study plans									
SCE develops draft study plans									
Present draft study plans to TWG									
Stakeholders comment on draft study plans									
SCE present stakeholder comments on draft study plans to TWG									
SCE finalize study plans									
SCE files PAD with study plans									

Questions / Discussion



37

TWG Meeting Schedule, Next Steps and Action Items

Recreation – Land Use TWG Meeting Schedule

- Bimonthly: Second Wednesday, every other month
- Time: 1:30 – 4 PM Pacific
- Proposed TWG Meeting Schedule
  - **Dec 9**: Additional Information Needs Identification Table presentations
  - Feb 10: Study Plan presentations for agreed upon additional information needs
  - April 14: Present Study plan comments

Action Items

- TWG members populate Additional Information Need Identification Table
  - Link to table on website (**www.sce.com/kr3**)
- Provide Additional Information Need Identification Table to SCE 10-days before next meeting (Nov. 30)
  - Project email: kr3@sce.com

Follow Up Questions or Information

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Licensing Manager/Project Lead
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Jillian Roach, ERM
Project Manager
jillian.roach@erm.com
(916) 201-7746

Project Email: kr3@sce.com

Kern River No. 3 Relicensing Project
Resource Data Gap Identification/Discussion

Name	Resource Area (Fish/Aq/Hydro; Terr; Rec/Land; Cult/Tribal)	1. Describe the goals and objectives of the study proposal and the information to be obtained 5.9(b)(1)	2. If applicable, explain the relevant resource management goals of the agencies or Indian tribes with jurisdiction over the resource to be studied 5.9(b)(2).	3. If the requester is a not resource agency, explain any relevant public interest considerations in regard to the proposed study 5.9(b)(3).	4. Describe existing information concerning the subject of the study proposal and the need for additional information 5.9(b)(4)	5. Explain any nexus between project operations and effects (direct, indirect, and/or cumulative) on the resource to be studied, and how the study results would inform the development of license requirements 5.9(b)(5)	6. Explain how any proposed study methodology (including any preferred data collection and analysis techniques, or objectively quantified information, and a schedule including appropriate filed season(s) and the duration) is consistent with generally accepted practice in the scientific community or, as appropriate, considers relevant tribal values and knowledge 5.9(b)(6)	7. Describe considerations of level of effort and cost, as applicable, and why any proposed alternative studies would not be sufficient to meet the stated information needs. 5.9(b)(7)