

Supporting Document A (SD A) Technical Study Report Introduction

Supporting Document A (SD A) contains Technical Study Reports (TSR) completed for the relicensing of Southern California Edison Company's (SCE) Kaweah Project (Project). These TSRs are a result of implementation of 17 Technical Study Plans (TSP) approved by the Federal Energy Regulatory Commission (FERC)¹ and that were developed in consultation with representatives from resource agencies, Native American Tribes, non-governmental organizations, and members of the public (collectively referred to as stakeholders).

The list of Project facilities included in the TSRs was developed during preparation of the Pre-Application Document filed with FERC on December 14, 2016. This preliminary list of Project facilities has been updated/revised during implementation of technical studies and development of the Application for New License (License Application). Section 4.0 – Proposed Action of Exhibit E contains the updated list (Table 4-1) and maps (Maps 4-1a-h) of the final Project facilities included in the Proposed Action and analyzed in this License Application.

Each TSR includes a description of the study objectives; study area; approach and methods; data analysis; and results. Table SD A-1 includes the distribution dates of each TSR. TSRs were either:

1. Distributed to stakeholders for a 90-day comment period prior to filing of the Draft License Application (DLA), and a TSR addressing stakeholder comments, as applicable, was included in the DLA (SD A);
2. Distributed to stakeholders as part of the DLA for a 90-day comment period, and a TSR addressing stakeholder comments is included in the Final License Application (FLA) (SD A); or
3. Ongoing (AQ 9 – Entrainment Study) and will not be completed until after the FLA is filed with FERC. A Draft TSR with entrainment study results to date is distributed to stakeholders in the FLA (SD A). A Final TSR will be distributed to stakeholders for review and comment upon completion of the study.

Refer to Section 14 – Consultation Documentation for information regarding the seven comment letters received on the DLA and Appendix 14-A for a copy of each letter and a response to comment table. As applicable, comments related to Kaweah Project studies have been addressed in the Final TSRs included in SD A.

¹ SCE filed a Proposed Study Plan (PSP) on May 24, 2017 (SCE 2017b). Three comments were filed on the PSP; however, they did not result in revisions to any of the study plans. Therefore, SCE filed a Revised Study Plan (RSP) on September 19, 2017, which stated that the PSP, without revision, constituted its RSP. FERC subsequently issued Study Plan Determination on October 24, 2017, approving all study plans for the Kaweah Project.

Table SD A-1. Technical Study Report Distribution Dates

Technical Study Report¹	Draft TSR Distribution Date	Final TSR Distribution Date
Aquatic Resources		
AQ 1 – Instream Flow	Aug 3, 2019 (DLA)	Dec 23, 2019 (FLA)
AQ 2 – Fish Population	Apr 2, 2019	Dec 23, 2019 (FLA)
AQ 3 – Macroinvertebrates	Aug 3, 2019 (DLA)	Dec 23, 2019 (FLA)
AQ 4 – Water Temperature	Aug 3, 2019 (DLA)	Dec 23, 2019 (FLA)
AQ 5 – Geomorphology	Aug 3, 2019 (DLA)	Dec 23, 2019 (FLA)
AQ 6 – Water Quality	Apr 2, 2019	Dec 23, 2019 (FLA)
AQ 7 – SS Amphibians and Aquatic Reptiles	Aug 3, 2019 (DLA)	Dec 23, 2019 (FLA)
AQ 8 – Fish Passage	Apr 2, 2019	Dec 23, 2019 (FLA)
AQ 9 – Entrainment ¹	Dec 23, 2019 ¹	TBD
Cultural Resources²		
CUL 1 – Cultural, Built Environment	Jan 22, 2019	Dec 23, 2019 (FLA)
CUL 1 – Cultural, Archaeology	Jan 22, 2019	Dec 23, 2019 (FLA)
CUL 1 – Cultural, Ethnography	Feb 15, 2019	Dec 23, 2019 (FLA)
Land Resources		
LAND 1 – Transportation	Jan 22, 2019	Dec 23, 2019 (FLA)
LAND 2 – Aesthetic Resources	Jan 22, 2019	Dec 23, 2019 (FLA)
LAND 3 – Land Use	Feb 15, 2019	Dec 23, 2019 (FLA)
Recreation Resources		
REC 1 – Recreation Resources	Aug 3, 2019 (DLA)	Dec 23, 2019 (FLA)
REC 2 – Whitewater Boating	Jan 22, 2019	Dec 23, 2019 (FLA)
Terrestrial Resources		
TERR 1 – Botanical Resources	Jan 22, 2019	Dec 23, 2019 (FLA)
TERR 2 – Wildlife Resources	Jan 30, 2019	Dec 23, 2019 (FLA)

1 The AQ 9 – Entrainment study is ongoing and will not be completed until after the FLA is filed with FERC. A Draft TSR with study results to date is being distributed to stakeholders in the FLA (Supporting Document A). A Final TSR will be distributed to stakeholders for review and comment upon completion of the study.

2 To aid in clarity and ease of stakeholder review, the CUL 1 – TSR was distributed as three separate reports – Built Environment, Archaeology, and Ethnography.