

APPENDIX E.2 RESOURCE TECHNICAL MEMORANDUM

Appendix E.2 contains technical memorandum developed for the relicensing of Southern California Edison's (SCE) Kern River No. 1 Hydroelectric Project (Project). These documents include results of implementation of 14 technical study plans approved by the Federal Energy Regulatory Commission (FERC)¹ and that were developed in consultation with representatives from federal and state resource agencies, Native American Tribes, non-governmental organizations, and interested members of the public (collectively referred to as "Stakeholders").

Each technical memorandum includes a description of the study objectives; study area; approach and methods; data analysis; and results. All technical memoranda were distributed to stakeholders for a 90-day comment period prior to filing this Draft License Application (DLA) and in some cases technical memorandum were distributed for a second review period. Technical memoranda addressing stakeholder comments, as applicable, are included in this appendix. Some studies are not yet complete as of filing the DLA. For those studies, this appendix includes the most current results available. Final technical memoranda will be included in the Final License Application. Table E.2-1 includes the distribution dates of each technical memorandum and their status.

Note that the list of Project facilities included in the technical memoranda was developed during preparation of the Pre-Application Document filed with FERC on May 5, 2023. This preliminary list of Project facilities was updated/revised during implementation of technical studies and development of the License Application. Section 5.0, *Proposed Action and Alternatives* contains the updated list (Table 5-1) and maps (Maps 5-3a–g) of the final Project facilities included under the Proposed Action and analyzed in this License Application.

¹ On March 14, 2024, FERC issued its Study Plan Determination with staff-recommended modifications. Of the 13 studies proposed by SCE, 12 were approved as filed and one (REC 2 – Recreation Facility Use Assessment) was approved with staff-recommended modifications. FERC also adopted one additional study (Environmental Justice) for a total of 14 study plans.

Table E.2-1. Technical Memorandum Distribution Date and Status

Technical Memorandum	Distribution Date	Second Distribution Date (if applicable)	Status
Aquatic Resources			
AQ 1 – Hydrology	1-31-2025		Study complete
AQ 2 – Water Quality and Water Temperature	3-12-2025		Field work is complete. Additional data analysis ongoing. Complete TM to be filed with FLA.
AQ 3 – Fish Population	2-28-2025		Outstanding study components. Complete TM to be filed with FLA.
Cultural and Tribal Resources			
CUL 1 – Built Environment	1-31-2025		Studies complete and reports under review by the Forest Service and Tribes. Reports will be provided in the Final License Application.
CUL 2 – Archaeology	1-31-2025		
TRI 1 – Tribal Resources	1-31-2025		
Land Resources			
LAND 1 – Road and Trail Condition Assessment	1-31-2025		Study complete
LAND 2 – Erosion and Sedimentation	2-28-2025		Study complete
Recreation Resources			
REC 1 – Recreation Facility Condition Assessment	2-28-2025		Study complete
REC 2 – Recreation Facility Use Assessment	2-28-2025	9-9-2025	Outstanding study components. Complete TM to be filed with FLA.
REC 3 – Whitewater Boating	2-28-2025		Study complete
Terrestrial Resources			
TERR 1 – Botanical	1-31-2025		Study complete
TERR 2 – Wildlife	3-12-2025	6-6-2025	Study complete
FERC-Required Study			
EJ 1 – Environmental Justice	2-28-2025		Study complete

Key: FLA = Final License Application
TM = Technical Memorandum