



State of California – Natural Resources Agency
DEPARTMENT OF FISH AND WILDLIFE
Inland Deserts Region
3602 Inland Empire Boulevard, Suite C-220
Ontario, CA 91764
www.wildlife.ca.gov

GAVIN NEWSOM, Governor
CHARLTON H. BONHAM, Director



September 18, 2020

Philippe Lapin, Principal Manager
Southern California Edison Company
224 Walnut Grove Avenue, Quad 2C, 256A
Rosemead, CA 91770

**Subject: Incidental Take Permit for Eldorado-Lugo-Mohave Series Capacitor Project
(2081-2018-083-06)**

Dear Mr. Lapin,

Enclosed you will find an electronic copy of the incidental take permit for the above referenced Project, which has been digitally signed by the California Department of Fish and Wildlife (CDFW). Please read the permit carefully and sign the acknowledgement in DocuSign **no later than 30 days from CDFW signature**, and prior to initiation of ground-disturbing activities.

You are advised to keep the permit in a secure location and distribute copies to appropriate project staff responsible for ensuring compliance with the conditions of approval of the permit. Note that you are required to comply with certain conditions of approval prior to initiation of ground-disturbing activities. Additionally, a copy of the permit must be maintained at the project work site and made available for inspection by CDFW staff when requested.

The permit will not take effect until the signed acknowledgement is received by the CDFW. If you wish to discuss these instructions or have questions regarding the permit, please contact Brandy Wood, Senior Environmental Scientist, at (909) 230-2627.

Sincerely,

DocuSigned by:
 *for*
8091B1A9242F49C...

Leslie MacNair
Regional Manager



**California Department of Fish and Wildlife
Inland Deserts Region
3602 INLAND EMPIRE BLVD., SUITE C-220
ONTARIO, CA 91764**

California Endangered Species Act
Incidental Take Permit No. 2081-2018-083-06

ELDORADO-LUGO-MOHAVE SERIES CAPACITOR PROJECT

Authority:

This California Endangered Species Act (CESA) incidental take permit (ITP) is issued by the California Department of Fish and Wildlife (CDFW) pursuant to Fish and Game Code section 2081, subdivisions (b) and (c), and California Code of Regulations, Title 14, section 783.0 et seq. CESA prohibits the take¹ of any species of wildlife designated by the California Fish and Game Commission as an endangered, threatened, or candidate species.² CDFW may authorize the take of any such species by permit if the conditions set forth in Fish and Game Code section 2081, subdivisions (b) and (c) are met. (See Cal. Code Regs., tit. 14, § 783.4).

| | |
|---------------------------|---|
| Permittee: | Southern California Edison Company |
| Principal Officer: | Philippe Lapin, Principal Manager |
| Contact Person: | Sylvia Granados, (626)302-1208 |
| Mailing Address: | 2244 Walnut Grove Avenue, Quad 2C, 256A Rosemead, CA 91770 |

Effective Date and Expiration Date of this ITP:

This ITP shall be executed in duplicate original form and shall become effective once a duplicate original is acknowledged by signature of the Permittee on the last page of this ITP and returned to CDFW's Habitat Conservation Planning Branch at the address listed in the Notices section of this ITP. Unless renewed by CDFW, this ITP's authorization to take the Covered Species shall expire on **June 19, 2025**.

Notwithstanding the expiration date on the take authorization provided by this ITP, Permittee's obligations pursuant to this ITP do not end until CDFW accepts as complete the Permittee's Final Mitigation Report required by Condition of Approval 7.7 of this ITP.

¹Pursuant to Fish and Game Code section 86, "'take' means hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture, or kill." (See also *Environmental Protection Information Center v. California Department of Forestry and Fire Protection* (2008) 44 Cal.4th 459, 507 [for purposes of incidental take permitting under Fish and Game Code section 2081, subdivision (b), "'take' ... means to catch, capture or kill".)

²The definition of an endangered, threatened, and candidate species for purposes of CESA are found in Fish and Game Code sections 2062, 2067, and 2068, respectively.

Project Location:

The Eldorado-Lugo-Mohave Series Capacitor Project (Project) is located within Southern California Edison's (Permittee) existing rights-of-way (ROW) for the Eldorado-Lugo and Lugo-Mohave 500-kilovolt (kV) transmission lines (Figure 1). This ITP will address only the portions of the Project within the State of California.

Project Description:

The Project includes the following construction components:

- Construct two new 500-kV mid-line series capacitors - the Newberry Springs Series Capacitor and Ludlow Series Capacitor - within the Eldorado-Lugo and Lugo-Mohave 500-kV transmission line ROWs, respectively.
- Construct three new fiber optic repeater facilities, including underground telecommunications facilities, within the Lugo-Mohave 500-kV transmission line ROW: Barstow Repeater, Kelbaker Repeater, and Lanfair Repeater.
- Install approximately 173 miles of optical ground wire on the Lugo-Mohave 500-kV transmission line and modifications of the existing structures for the new OPGW.
- Construct 2 miles of overhead distribution and telecommunication facilities, 2 miles of underground telecommunication facilities, and 700 feet of distribution to connect the mid-line series capacitor sites to the existing system and to provide station light and power to the new mid-line series capacitors and fiber optic repeaters.
- Address 16 potential overhead clearance discrepancies at 14 locations by:
 - Relocating, replacing, or modifying existing transmission, subtransmission, and distribution facilities at approximately 12 locations along the Eldorado-Lugo, Eldorado-Mohave, and Lugo-Mohave 500 kV Transmission Lines to address 14 of the overhead clearance discrepancies. Tower modifications would include raising 9 towers by inserting new lattice-steel sections in tower bodies.
 - Performing minor grading at two (2) locations along the Lugo-Mohave 500 kV Transmission Line to address two (2) of the overhead clearance discrepancies.

To facilitate the above Project components, Permittee will establish various work areas, including 105 wire setup sites, 72 tower work areas, 62 guard structures, 161 helicopter-landing zones, 45 site access areas, 21 travel paths, 12 material yards, and 13 general disturbance areas related to subtransmission, telecommunications, and distribution work. Details regarding the Project activities are provided below.

Mid-line Series Capacitors: The Newberry Springs and Ludlow Series Capacitors will occupy approximately 4.1-acre and 4.3-acre sites, respectively. The major components within the mid-line series capacitor sites include a Mechanical and Electrical Equipment Room, telecommunications and distribution structures (conduits, duct banks, and vaults), capacitor structures (buses, capacitor banks, disconnect switches), access roads, drainage berms, and

perimeter fencing (Figure 2). Site preparation activities will include grubbing, grading, compaction, and gravel installation.

Fiber Optic Repeaters: The three fiber optic repeater sites, Barstow, Kelbaker, and Lanfair, will occupy 0.13-acre, 0.06-acre, and 0.06-acre sites, respectively. The major components within the fiber optic repeater sites include telecommunications and distribution structures (conduits, duct banks, and vaults), microwave tower pad, emergency generator, propane fuel tank, communications building, access roads, and perimeter fencing. Site preparation activities will include grubbing, grading, compaction, and gravel installation.

Pole installation: Approximately 100 new wood distribution poles will be installed to connect the mid-line series capacitor sites to the existing system and to provide station light and power to the new mid-line series capacitors and fiber optic repeaters. Prior to installation, the wood poles will be placed in temporary laydown areas at each pole location. While on the ground, the wood poles will be configured (if not already preconfigured) with the necessary cross arms, insulators, and wire stringing hardware. An auger, backhoe, or hand tools will be used to excavate 2 to 3-foot wide holes and the poles will be installed, typically by a line truck with an attached boom, and the space around the poles backfilled with the excavated materials.

Wire Setup Sites: Permittee will establish 105 wire setup sites along the Project alignment to stage wire stringing and tensioning equipment and materials, carry out wire stringing, pulling, tensioning, splicing, and field snubbing activities, and serve as helicopter landing zones, if necessary. Each wire setup site will be subject to vegetation clearing and leveling to ensure equipment is stable.

Tower Work Areas: Permittee will establish 72 tower work areas to stage/prepare equipment and materials, carry out tower modifications, if applicable, and facilitate wire stringing, pulling, and tensioning activities. Tower work areas will generally be established adjacent to wire setup sites and at individual tower modification locations. Tower work areas will be subject to vegetation clearing and leveling to ensure equipment is stable.

Guard Structures: Permittee will establish up to 62 guard structures within the Project Area. Guard structures are temporary structures installed at transportation, flood control, and utility crossings, and at other locations (such as parks or near residences), to stop the travel of a conductor should it momentarily drop below a conventional stringing height. Permittee will use three types of guard structures during reconductoring activities: truck-mounted, "flowerpots," and buried wood poles. Truck-mounted guard structures consist of roller guards and/or buckets mounted atop a rubber-tired, lightweight truck. "Flowerpot" guard structures consist of a wood pole set in a large concrete base placed on the ground surface. Impacts associated with the use of truck-mounted and "flowerpot" guard structures are typically limited

to driving over and crushing (“drive-and-crush”) vegetation in route to, and at the guard structure location, though minor vegetation removal and/or leveling may be required where the existing topography will not support the structure safely. Buried wood pole guard structures consist of two, 60-to-80-foot tall wood poles with a crossmember, installed/buried in-ground. Impacts associated with wood pole guard structures include vegetation removal, excavation, side-casting, and staging/set-up within a 200-foot by 50-foot general work area.

Helicopter Sites: Permittee will establish up to 161 helicopter landing zones to transport construction workers, deliver equipment and materials to work areas, install hardware on existing structures, and install (string) optical ground wire on existing structures. Helicopters will use the existing Eldorado-Lugo and Lugo-Mohave ROWs as their flight path and will land within predetermined wire setup sites, staging yards, and helicopter landing zones. Impacts associated with the preparation of helicopter landing zones will be limited to the occasional application of water to reduce dust.

Site Access Areas: Permittee will establish 45 site access areas along the Project alignment. The site access areas will generally be established adjacent to wire setup sites and will be used to stage equipment and materials, carry out wire stringing, pulling, and tensioning activities, and serve as helicopter landing zones, if necessary. Site access areas will be subject to vegetation clearing and leveling to ensure equipment is stable.

Travel Paths/Footpath: Permittee will establish 21 travel paths/footpaths of various widths to allow crews to move between established work areas on foot. No vegetation removal, leveling, grading, or other disturbances will be conducted within the travel paths.

Material Yard: Twelve material yards will be used for the Project: Lugo Substation III (34.364927°, -117.369763°), Lugo Substation IV (34.365299°, -117.367734°), East of Lugo (34.365940°, -117.362491°), Arrowhead Lake Road (34.383241°, -117.250957°), Bear Valley (34.450843°, -117.049484°), Barstow Road (34.548599°, -116.947135°), Coolwater (34.858768°, -116.818935°), Newberry Springs (34.784034°, -116.381965°), Ludlow Series Capacitor (34.779293°, -116.358913°), Ludlow (34.727026°, -116.164231°), Goffs Yard (34.913542°, 155.066072°), and Goffs Yard – alt (34.918546°, -115.061290°). Permittee will use the staging yards as reporting locations for Project personnel, vehicle and equipment parking, and material storage. Materials stored at the yards may include, but not be limited to, construction trailers, construction equipment, portable sanitation facilities, steel bundles, steel/wood poles, conductor reels, overhead ground wire or optical fiber ground wire reels, hardware, insulators, cross arms, signage, consumables (such as fuel and filler compound), waste materials for salvaging, recycling, or disposal, and BMP materials (straw wattles, gravel, and silt fences). Preparation of the material yards will include temporary perimeter fencing and, depending on existing ground conditions, grubbing of existing vegetation, and the application of gravel or crushed rock. Permittee will conduct normal maintenance and

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refueling of construction equipment at these yards. Permittee will perform all refueling and storage of fuels in accordance with the Storm Water Pollution Prevention Plan (SWPPP).

Access Roads: To access the Project, Permittee will use a combination of existing unpaved through roads and spur roads, accessed from the existing network of paved and unpaved public and private roads in the region. No modifications to existing roads, or construction of new roads, are anticipated to facilitate construction of the Project, except for the roads accessing the new series capacitors and fiber optic repeaters.

Minor Project Site Modifications: Specific locations for each Project component and work area have been provided in maps and shapefiles, however, slight variations in these locations may be needed during project implementation. Work areas can be shifted but will not result in additional impacts and will not shift the work area beyond the project study area. Permittee shall notify CDFW of all Project site modification within 24 hours of the change.

Covered Species Subject to Take Authorization Provided by this ITP:

This ITP covers the following species:

| Name | CESA Status |
|--|-------------------------|
| 1. Desert Tortoise (<i>Gopherus agassizii</i>) | Threatened ³ |

This species and only this species is the “Covered Species” for the purposes of this ITP.

Impacts of the Taking on Covered Species:

Project activities and their resulting impacts are expected to result in the incidental take of individuals of the Covered Species. The activities described above expected to result in incidental take of individuals of the Covered Species include vegetation clearing; grading, leveling, and compaction; excavation, trenching, augering, and drilling; installation of fencing or barriers; installation and/or construction of temporary and permanent Project facilities and structures; general operation of vehicles and heavy equipment; noise, vibration, and dust generating activities; and capture and relocation activities (Covered Activities).

Incidental take of individuals of the Covered Species in the form of mortality (“kill”) may occur as a result of Covered Activities such as collision with or crushing by vehicles or heavy equipment, crushing or burial of individuals or eggs in burrows, and destruction of burrows and refugia. Incidental take of individuals of the Covered Species may also occur from the Covered Activities in the form of pursue, catch, capture, or attempt to do so of the Covered

³See Cal. Code Regs. tit. 14 § 670.5, subd. (b)(4)(A).

Species from capture and relocation activities, trapping within construction excavations, exclusion from habitat and refugia, prevention of movement through the Project Area, and collection or vandalism resulting from increased human presence in the area. The areas where authorized take of the Covered Species is expected to occur include those areas identified in Attachment 4 to this ITP (collectively, the Project Area).

CDFW expects the Project to cause the loss of 130.93 acres of undisturbed habitat for the Covered Species, including 6.39 acres of permanent loss and 124.54 acres of long-term temporary loss. Impacts of the authorized taking also include adverse impacts to the Covered Species related to temporal losses, increased habitat fragmentation and edge effects, and the Project's incremental contribution to cumulative impacts (indirect impacts). These impacts include increased noise and vibration, capture and relocation, displacement from preferred habitat, increased competition for food and space, introduction or proliferation of non-native or invasive species, and increased vulnerability to predation.

Incidental Take Authorization of Covered Species:

This ITP authorizes incidental take of the Covered Species and only the Covered Species. With respect to incidental take of the Covered Species, CDFW authorizes the Permittee, its employees, contractors, and agents to take Covered Species incidentally in carrying out the Covered Activities, subject to the limitations described in this section and the Conditions of Approval identified below. This ITP does not authorize take of Covered Species from activities outside the scope of the Covered Activities, take of Covered Species outside of the Project Area, take of Covered Species resulting from violation of this ITP, or intentional take of Covered Species except for capture and relocation of Covered Species as authorized by this ITP.

Conditions of Approval:

Unless specified otherwise, the following measures apply to all Covered Activities within the Project Area, including areas used for vehicular, aircraft (e.g. helicopter) ingress and egress, staging and parking, and noise and vibration generating activities that may/will cause take. CDFW's issuance of this ITP and Permittee's authorization to take the Covered Species are subject to Permittee's compliance with and implementation of the following Conditions of Approval:

- 1. Legal Compliance:** Permittee shall comply with all applicable federal, state, and local laws in existence on the effective date of this ITP or adopted thereafter.
- 2. CEQA Compliance:** Permittee shall implement and adhere to the mitigation measures related to the Covered Species in the Biological Resources section of the Mitigated Negative Declaration (SCH No.: 2019089033) adopted by California Public Utilities

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Commission on August 27, 2020 as lead agency for the Project pursuant to the California Environmental Quality Act (CEQA) (Pub. Resources Code, § 21000 et seq.).

3. **LSA Agreement Compliance:** Permittee shall implement and adhere to the mitigation measures and conditions related to the Covered Species in the Lake and Streambed Alteration Agreement (LSAA) (Notification No. 1600-2019-0001-R6) for the Project executed by CDFW pursuant to Fish and Game Code section 1600 et seq.
4. **ESA Compliance:** Permittee shall implement and adhere to the terms and conditions related to the Covered Species in the Biological Opinion for Activities in the California Desert Conservation Area (Biological Opinion No. FWS-KRN/SBD/INY/LA/IMP/RIV-17B0532-17F1029) for the Project pursuant to the Federal Endangered Species Act (ESA). For purposes of this ITP, where the terms and conditions for the Covered Species in the federal authorization are less protective of the Covered Species or otherwise conflict with this ITP, the conditions of approval set forth in this ITP shall control.
5. **ITP Time Frame Compliance:** Permittee shall fully implement and adhere to the conditions of this ITP within the time frames set forth below and as set forth in the Mitigation Monitoring and Reporting Program (MMRP), which is included as Attachment 1 to this ITP.
6. **General Provisions:**
 - 6.1. Field Contact Representative. No less than 14 days prior to the initiation of Covered Activities, Permittee shall designate one or more representatives (Field Contact Representatives) responsible for communications with CDFW and overseeing compliance with this ITP. Prior to the initiation of Covered Activities, Permittee shall provide CDFW in writing the Field Contact Representative's name, business address, and contact information, and shall notify CDFW in writing if Permittee selects or identifies a substitute Field Contact Representative at any time during the term of this ITP. The Field Contact Representative will retain a copy of all ITP conditions readily available at the Project field office while conducting work on-site and oversee coordination between Project personnel, Biological Monitor(s), and Authorized Biologist(s). The Field Contact Representative will be present for all ground-disturbing activities within Covered Species habitat and will have the authority to halt all work activities that are not in compliance with the ITP. The Field Contact Representative will be responsible for ensuring that the Permittee immediately corrects any activities found to be out of compliance with the ITP and documents the corrective action.
 - 6.2. Biological Monitor(s). No less than 14 days prior to the initiation of Covered Activities, Permittee shall submit to CDFW in writing the name, qualifications, business address,

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and contact information of each Biological Monitor proposed to conduct biological surveys or monitoring for Covered Species under the leadership of the Authorized Biologist (see Condition of Approval 6.3). Permittee shall ensure that the Biological Monitor(s) is knowledgeable and experienced in the biology, natural history, and identification of the Covered Species and signs of Covered Species presence. The Biological Monitor(s) shall be responsible for monitoring Covered Activities to help minimize and fully mitigate or avoid the incidental take of Covered Species and to minimize disturbance of Covered Species' habitat. Permittee shall obtain CDFW approval of the Biological Monitor(s) in writing before starting Covered Activities and shall also obtain approval in advance in writing if the Biological Monitor(s) must be changed.

- 6.3. Authorized Biologist(s).** No less than 30 days prior to the initiation of Covered Activities, Permittee shall submit to CDFW for review and approval, the name, qualifications, business address, and contact information of each biologist proposed to conduct any of the following tasks: lead biological surveys; handle Covered Species; relocate Covered Species, including eggs; excavate, or supervise the excavation of Covered Species burrows; or construct, or supervise the construction of artificial burrows (Authorized Biologist). Permittee shall clearly describe the qualifications and experience that each proposed Authorized Biologist possesses to support the assignment, including detailed examples of projects for which any of the above tasks were completed. The Authorized Biologist shall have experience with excavating burrows, handling and temporarily holding desert tortoises, relocating/translocating desert tortoises, reconstructing desert tortoise burrows, unearthing and relocating desert tortoise eggs, is able to locate, identify, and record all forms of desert tortoise sign, conducting protocol level surveys. Permittee must receive CDFW's written approval of the Authorized Biologist(s) prior to the commencement of Covered Activities, including site preparation and staging.
- 6.4. Authorized Biologist(s) and Biological Monitor(s) Authority.** Only the Authorized Biologist(s) shall handle Covered Species. To ensure compliance with the Conditions of Approval of this ITP, the Biological Monitor(s) and Authorized Biologist(s) shall have authority to immediately stop any activity that does not comply with this ITP, and to order any reasonable measures to avoid the unauthorized take of an individual of the Covered Species. Work shall not continue until the Authorized Biologist determines compliance with the ITP and provides that determination to the onsite manager. The Biological Monitor(s) and/or Authorized Biologist(s) shall order any reasonable measure to avoid the unauthorized take of an individual of the Covered Species. Written approval provided by CDFW shall be kept with this permit on site.

- 6.5. Education Program.** Permittee shall conduct an education program for all persons employed or otherwise working in the Project Area (Project personnel) before performing any work. The program shall consist of a presentation from the Biological Monitor, or Authorized Biologist that includes a discussion of the biology and general behavior of the Covered Species, information about the distribution of the Covered Species, sensitivity of the Covered Species to human activities, its status pursuant to CESA including legal protection and penalties for violations, Project-specific protective measures described in this ITP, and reporting requirements for sighting or incidents involving the Covered Species. Permittee shall inform all Project personnel that the Field Contact Representative(s), Biological Monitor(s), and Authorized Biologist(s) have the authority to halt all work activities that are not in compliance with the ITP. Permittee shall provide interpretation for non-English speaking Project personnel, as needed, and provide the same instruction to any new Project personnel before they are authorized to perform work in the Project Area. Permittee shall prepare and distribute wallet-sized cards or a fact sheet handout containing this information for Project personnel to carry in the Project Area. Upon completion of the program, employees shall sign a form stating they attended the program and understand all protection measures.
- 6.6. Construction Monitoring Notebook.** The Field Contact Representative or Authorized Biologist(s) shall maintain a construction-monitoring notebook on-site, or available electronically throughout the construction period, which shall include a copy of this ITP with attachments and a list of signatures of all personnel who have successfully completed the education program. Permittee shall ensure a copy of the construction-monitoring notebook is available for review at the Project site upon request by CDFW.
- 6.7. Trash Abatement.** Permittee shall initiate a trash abatement program before starting Covered Activities and shall continue the program for the duration of the Project. Permittee shall ensure that trash and food items are properly disposed of in self-closing, sealable containers, with lids that latch. Permittee shall inspect, empty, and remove all trash receptacles from the Project Area daily to avoid attracting opportunistic predators such as ravens, coyotes, and feral dogs.
- 6.8. Dust Control.** Permittee shall implement dust control measures during Covered Activities to facilitate visibility for monitoring of the Covered Species by the Authorized Biologist(s) and Biological Monitor(s). If utilizing water for dust control, Permittee shall keep the amount of water used to the minimum amount needed and shall not allow water to form puddles. If Permittee proposes to use chemical dust suppressants or soil stabilizers within the Project Area, Permittee shall limit their use to highly disturbed areas (i.e., material yards). Permittee shall not use dust suppressants or soil stabilizers potentially harmful to fish and wildlife.

- 6.9. Erosion Control Materials.** Permittee shall prohibit use of erosion control materials potentially harmful to fish and wildlife species, such as monofilament netting (erosion control matting) or similar material, in potential Covered Species' habitat. Fiber rolls and erosion control mesh shall be made of loose-weave mesh that is not fused at the intersections of the weave, such as jute, coconut (coir) fiber, or other products without welded weaves, and shall be free of nonnative plant materials.
- 6.10. General Habitat and Species Avoidance.** Permittee shall, to the greatest extent feasible, avoid impacts/disturbances to sensitive plants, plant communities, and animals within the Project Area. In addition, Permittee shall avoid, to the maximum extent practicable, impacts/disturbance to perennial, native vegetation within the Project Area. To the maximum extent practicable, Permittee shall limit access-related Covered Activities to "drive and crush" rather than vegetation removal or grubbing.
- 6.11. Hazardous Waste.** Permittee shall immediately stop and, pursuant to pertinent state and federal statutes and regulations, arrange for repair and clean up by qualified individuals of any fuel or hazardous waste leaks or spills at the time of occurrence, or as soon as it is safe to do so. Permittee shall exclude the storage and handling of hazardous materials from the Project Area and shall properly contain and dispose of any unused or leftover hazardous products off-site.
- 6.12. CDFW Access.** Permittee shall provide CDFW staff with reasonable access to the Project and mitigation lands under Permittee control and shall otherwise fully cooperate with CDFW efforts to verify compliance with or effectiveness of mitigation measures set forth in this ITP.
- 6.13. Refuse Removal.** Upon completion of Covered Activities within each work area, Permittee shall remove and properly dispose of all construction refuse, including, but not limited to, packaging and wrapping material (cords, cables, wire, rope, strapping, twine), delineation materials (fencing, stakes, flagging), erosion control materials (straw wattles, sand bags, silt fencing), buckets, metal or plastic containers, and boxes.

7. Monitoring, Notification and Reporting Provisions:

- 7.1. Notification Before Commencement.** The Field Contact Representative shall notify CDFW 14 calendar days before starting Covered Activities and shall document compliance with all pre-Project Conditions of Approval before starting Covered Activities.

- 7.2. Notification of Non-compliance.** The Field Contact Representative shall immediately notify CDFW in writing if it determines that the Permittee is not in compliance with any Condition of Approval of this ITP, including but not limited to any actual or anticipated failure to implement measures within the time periods indicated in this ITP and/or the MMRP. The Field Contact Representative shall report any non-compliance with this ITP to CDFW within 24 hours.
- 7.3. Compliance Monitoring.** The Biological Monitor(s) or Authorized Biologist(s) shall be on-site when Covered Activities occur. The Biological Monitor(s) or Authorized Biologist(s) shall conduct compliance inspections to (1) minimize incidental take of the Covered Species; (2) prevent unlawful take of species; (3) check for compliance with all measures of this ITP; (4) check all exclusion zones; and (5) ensure that signs, stakes, and fencing are intact, and that Covered Activities are only occurring in the Project Area. The Biological Monitor(s) or Authorized Biologist(s) shall prepare daily written observation and inspection records summarizing oversight activities and compliance inspections, observations of Covered Species and their sign, survey results, and monitoring activities required by this ITP.
- 7.4. Quarterly Compliance Report.** Permittee shall compile the observation and inspection records identified in Condition of Approval 7.3 into a Quarterly Compliance Report and submit it to CDFW along with a copy of the MMRP table with notes showing the current implementation status of each mitigation measure. Quarterly Compliance Reports shall be submitted to the CDFW offices listed in the Notices section of this ITP and via email to CDFW's Regional Representative and Headquarters CESA Program. At the time of this ITP's approval, the CDFW Regional Representative is Brandy Wood (Brandy.Wood@wildlife.ca.gov) and Headquarters CESA Program email is CESA@wildlife.ca.gov. CDFW may at any time increase or decrease the timing and number of compliance inspections and reports required under this provision depending upon the results of previous compliance inspections. If CDFW determines the reporting schedule must be changed, CDFW will notify Permittee in writing of the new reporting schedule.
- 7.5. Annual Status Report.** Permittee shall provide CDFW with an Annual Status Report (ASR) no later than January 31 of every year beginning with issuance of this ITP and continuing until CDFW accepts the Final Mitigation Report identified below. Each ASR shall include, at a minimum: (1) a summary of all Quarterly Compliance Reports for that year identified in Condition of Approval 7.4; (2) a general description of the status of the Project Area and Covered Activities, including actual or projected completion dates, if known; (3) a copy of the table in the MMRP with notes showing the current implementation status of each mitigation measure; (4) an assessment of the effectiveness of each completed or partially completed mitigation measure in

avoiding, minimizing and mitigating Project impacts; (5) all available information about Project-related incidental take of the Covered Species; and (6) information about other Project impacts on the Covered Species.

- 7.6. CNDDB Observations.** Permittee shall submit all observations of special-status and Covered Species to CDFW's California Natural Diversity Database (CNDDB). Biologists may submit observations individually or may compile and submit observations in batches throughout the course of the Project. If submitting species observations in batches, these submittals shall occur a minimum of once every 3 months, for the life of the Project. Permittee shall include copies of the submitted forms with the ASR.
- 7.7. Final Compliance Report.** No later than 45 days after completion of all mitigation measures, Permittee shall provide CDFW with a Final Compliance Report. Permittee shall prepare the Final Compliance Report which shall include, at a minimum: (1) a summary of all Quarterly Compliance Reports and all ASRs; (2) a copy of the table in the MMRP with notes showing when each of the mitigation measures was implemented; (3) all available information about Project-related incidental take of the Covered Species; (4) information about other Project impacts on the Covered Species; (5) beginning and ending dates of Covered Activities; (6) a final calculation of Covered Species habitat impacts, including Geographic Information Systems (GIS) shapefiles; (7) an assessment of the effectiveness of this ITP's Conditions of Approval in minimizing and fully mitigating Project impacts of the taking on Covered Species; (8) recommendations on how mitigation measures might be changed to more effectively minimize take and mitigate the impacts of future projects on the Covered Species; and (9) any other pertinent information.
- 7.8. Covered Species Observation Reporting.** The Field Contact Representative shall notify CDFW within 24 hours of any Covered Species observations via email. Notification shall include the date, location, and circumstances of the observation, the name of the Biological Monitor(s) or Authorized Biologist(s) notified, and any other pertinent information. If an Authorized Biologist(s) handles and/or relocates the Covered Species, additional information, as specified in Condition of Approval 8.20 shall be provided.
- 7.9. Notification of Take or Injury.** Permittee shall immediately notify an Authorized Biologist if a Project-related activity takes or injures a Covered Species, or if a Covered Species is otherwise found dead or injured within the vicinity of the Project. A Biological Monitor, Authorized Biologist, or Field Contact Representative shall provide initial notification to CDFW by contacting the CDFW Regional Representative Brandy Wood at the telephone number and e-mail address listed below. The initial notification

to CDFW shall include information regarding the location, species, and number of animals taken or injured and the ITP Number. Following initial notification, Permittee shall send CDFW a written report within two calendar days. The report shall include the date and time of the finding or incident, location of the animal or carcass, and if possible, provide a photograph, explanation as to cause of take or injury, and any other pertinent information.

8. Take Minimization Measures: The following requirements are intended to ensure the minimization of incidental take of Covered Species in the Project Area during Covered Activities. Permittee shall implement and adhere to the following conditions to minimize take of Covered Species:

8.1. Integrated Weed Management Plan. Permittee shall prepare and implement an Integrated Weed Management Plan (IWMP) to prevent the introduction and spread of weeds during the construction and revegetation phases of the Project. The IWMP shall provide an inventory of existing weed species within and adjacent to the Project footprint; evaluate the Project's potential to introduce or spread weeds; identify specific prevention and treatment strategies; and propose a monitoring, treatment, and reporting schedule. The IWMP shall be provided to CDFW for review no fewer than 30 days prior to the initiation of Project activities.

8.2. Raven Management. Permittee shall develop and implement a raven monitoring, management, and control plan (Raven Management Plan; RMP) to identify and minimize avian predation of Covered Species. The RMP shall specify actions to minimize Project-related predator subsidies and prevent any increases in raven numbers or activity within Covered Species habitat resulting from Project activities. The RMP shall also identify contingency measures to be implemented in the event that predation persists. The RMP shall be implemented throughout the Project term, including restoration, and its efficacy evaluated on an annual basis. Permittee shall submit to CDFW annual reports documenting monitoring and management efforts made throughout the prior term. This project may be folded into SCE's programmatic raven management plan once reviewed by CDFW and approved by all applicable agencies.

8.3. Contribution to the Raven Management Plan. To mitigate this Project's portion of the cumulative effect of increasing the raven population in the desert region, Permittee shall provide funds to the Desert Managers Group (DMG) account established with the National Fish and Wildlife Foundation (NFWF) to contribute to a region-wide raven control plan to help address raven predation on the tortoise. This contribution shall be used to address raven predation on a regional basis and shall be calculated as a one-time payment of \$105 per acre of Project disturbance. Based on this calculation the

Permittee shall provide a one-time payment at \$105.00 for 103.93 acres for a total of \$13,747.65 to the DMG account established with NFWF's Raven Management Plan fund. A minimum of 30 days prior to the start of Covered Activities these funds shall be provided to NFWF using appropriate deposit document (Attachment 5) and proof of paying this fee shall be provided to CDFW within 24 hours after the funds have been provided to NFWF.

- 8.4. Water Containment.** Permittee shall cover or otherwise secure all water containment structures including tanks, ponds, and pipes. Permittee shall ensure that all water sources (e.g., hydrants, tanks, etc.) are free from leaks.
- 8.5. Road Berms.** Permittee shall ensure that all project-specific access roads within the Project Area are free of berms that could impede desert tortoise movement. If road berms currently exist within the Project Area, Permittee shall ensure the berms are less than 12 inches high and have slopes of less than 30 degrees.
- 8.6. Excavation Areas.** To prevent injury, mortality, or inadvertent entrapment of Covered Species, Permittee shall ensure all excavated areas (e.g., trenches, bore holes, pits, etc.) are covered, backfilled, fenced, or are monitored while not actively in use. Short-term (1 week or less) excavated areas could be fenced using un-trenched barrier fencing or L-shaped fencing. The bottom of the L-shaped fence would be covered with soil or sandbags to prevent entry. If excavated areas will remain overnight, or for extended periods (e.g., weekends, holidays, etc.), the Biological Monitor(s) or Authorized Biologist(s) shall ensure the excavated area is securely covered, and free of any gaps or opening that could allow wildlife to enter and become trapped. The Biological Monitor(s) or Authorized Biologist(s) shall inspect all open holes and trenches for trapped animals at the beginning, middle, and end of each day, and before holes or trenches are filled.
- 8.7. Delineation of Project Areas.** Before starting Covered Activities, Permittee shall clearly delineate the boundaries of the Project Area with fencing, stakes, or flags. Permittee shall restrict all Covered Activities to within the fenced, staked, or flagged areas. Permittee shall maintain all fencing, stakes, and flags until the completion of Covered Activities in that area.
- 8.8. Temporary Desert Tortoise Exclusion Fencing.** The Permittee shall submit a Temporary Desert Tortoise Exclusion Fencing Plan detailing the anticipated location of exclusionary fencing, timeframe in which fencing will remain in place, criteria considered when choosing to fence/not fence, monitoring protocol for fenced and unfenced areas, and process for fence installation and removal. Once the temporary fence is installed, a clearance survey, as established in Condition of Approval 8.13 of

this ITP shall be conducted prior to start of Covered Activities. Once Covered Activities are completed in a specific location along the Project Area, the fencing will be removed. The temporary desert tortoise exclusion fencing will be constructed according to USFWS Desert Tortoise Field Manual procedures, or as approved by CDFW and USFWS. Authorized Biologist(s) or Biological Monitor(s) shall be present during the installation and removal of the temporary desert tortoise fence. Fencing may be taken down temporarily to allow for access to the Project Area and to allow for any Covered Activities during the day. While the fence is down, an Authorized Biologist(s) or Biological Monitor(s) shall monitor the opening. Any fencing that is temporarily removed shall be reinstalled at the end of each workday under the supervision of the Authorized Biologist(s) or Biological Monitor(s). All exclusionary fencing shall be inspected a minimum of three times per day (once each morning prior to the start of construction, once mid-day, and once at the end of the workday after work has ceased). If any fencing is found down or damaged, the fence shall be reinstalled and/or repaired, and a clearance survey, as established in Condition of Approval 8.13 of this ITP shall be conducted prior to continuing Covered Activities. The Temporary Desert Tortoise Exclusion Fencing Plan shall be provided to CDFW for review no fewer than 30 days prior to the initiation of Covered Activities.

- 8.9. Vehicular Traffic Restrictions.** Permittee shall restrict Project-related vehicle traffic to the Project Areas established in this ITP, including existing roads, staging and parking areas, and established construction areas. Permittee shall not cross Covered Species' habitat outside of or in route to the Project Areas. Permittee shall ensure vehicle speed along Project routes and existing access roads does not exceed 15 miles per hour (mph) when in Covered Species habitat. Permittee shall clearly mark speed limits and inform all Project personnel of these limits. Consistent with Project safety and security protocols, landowner preferences, and any other applicable regulations or requirements, Project personnel shall close and secure existing gates on Project access roads when entering or leaving an area.
- 8.10. Vehicle Inspection.** Project personnel shall inspect for Covered Species under vehicles and equipment before moving the vehicles and equipment. If a Covered Species is present, Project personnel shall contact a Biological Monitor and wait for the Covered Species to move unimpeded to a safe location or an Authorized Biologist shall relocate the Covered Species following handling procedures set forth in this ITP before moving vehicles and equipment.
- 8.11. Covered Species Observations.** If Project personnel encounter a Covered Species in or within 50 feet of the active construction work area, the Permittee shall immediately stop all work in the area, once it is safe to do so, and contact a Biological Monitor or Authorized Biologist. The Biological Monitor or Authorized Biologist shall

allow the Covered Species to escape unimpeded or the Authorized Biologist may relocate the Covered Species as described in this ITP. Permittee shall not resume work until the Authorized Biologist has relocated the animal or allowed it to move outside the Project Area on its own. If the Covered Species requires handling, the Biological Monitor shall halt Project-related activities and immediately notify the Authorized Biologist. Project activities may not resume until the Covered Species has moved, on its own accord, out of harm's way, or until the Authorized Biologist has relocated the Covered Species following handling procedures set forth in this ITP.

8.12. Pre-Activity Survey. Due to the nature of the Project, Covered Activities will commence at various locations within the Project Area at different times throughout out the Project term. As such, the Biological Monitor(s) or Authorized Biologist(s) shall conduct pre-construction surveys within each individual Project work area no more than 7 days prior to initiating Covered Activities to determine potential presence of the Covered Species. These surveys shall cover 100 percent of each individual Project location and a 300-foot buffer zone. The Biological Monitor(s) or Authorized Biologist(s) shall follow the survey methodology in the most recent USFWS Desert Tortoise (Mojave Population) Field Manual (hereinafter referred to as USFWS Field Manual). The Biological Monitor(s) or Authorized Biologist(s) shall record all potential desert tortoise burrows and other desert tortoise sign within the pre-construction survey area, using high-accuracy global positioning system (GPS) technology. The Biological Monitor(s) or Authorized Biologist(s) shall provide the results of the pre-construction survey (using the USFWS Protocol data sheet) to CDFW within 5 days of completing the surveys.

8.13. Pre-Construction Sweep/Clearance Survey. Immediately prior to the start of ground disturbing activities within each Project work area, the Biological Monitor(s) or Authorized Biologist(s) shall conduct pre-construction clearance surveys for desert tortoise, using the methods described in the most USFWS Field Manual. In addition to the guidance provided in the USFWS Field Manual, Permittee shall also implement the following requirement(s):

8.13.1. The Biological Monitor(s) or Authorized Biologist(s) shall survey the entirety of each Project work area, and its associated access routes, and shall inspect all suitable burrows for habitation. If burrow excavation or handling of the Covered Species is required, the Field Contact Representative(s) shall contact the Authorized Biologist(s). Only an Authorized Biologist shall excavate burrows, handle, and relocate the Covered Species. If occupied burrows are identified, Permittee shall follow all excavation, handling, relocation, monitoring, and reporting measures set forth in this ITP.

- 8.13.2. These surveys shall cover 100 percent of the Project work area and a 50-foot buffer zone. The Biological Monitor(s) or Authorized Biologist(s) shall record all potential Covered Species and burrows within the pre-construction clearance survey area, using high-accuracy (< 1 meter) GPS technology. The Biological Monitor(s) or Authorized Biologist(s) shall provide the results of the pre-construction clearance survey (including data consistent with the USFWS Protocol data sheet) to CDFW within 10 calendar days of completing the surveys. The use of specialized equipment (e.g., fiber optics) may be necessary to thoroughly inspect all burrows in preparation for collapsing them.
- 8.14. Ongoing Monitoring. Biological Monitor(s) or Authorized Biologist(s) shall be present at all times while Covered Activities are occurring. Biological Monitor(s) or Authorized Biologist(s) shall continually monitor the perimeter of work areas to ensure any Covered Species nearing the Project Area can move through unharmed and unimpeded. Where Project Areas are fenced, the Biological Monitor(s) or Authorized Biologist(s) shall monitor the fence perimeter to protect Covered Species from exhaustion and mortality due to "fence walking".
- 8.15. Excavating Burrows. Only the Authorized Biologist(s) may excavate burrows and handle desert tortoise and their eggs. During pre-construction clearance surveys, the Authorized Biologist(s) shall excavate all burrows by hand that cannot be avoided, including burrows not recently used that are considered by the Authorized Biologist(s) to be potentially suitable. The Authorized Biologist(s) shall excavate and then block, collapse, or fence potentially suitable burrows at the time of survey to prevent re-entry by the Covered Species. The Authorized Biologist(s) shall only collapse burrows where Covered Activities would directly impact the burrow. Otherwise, the Authorized Biologist(s) shall leave burrows intact, and temporarily block the entrance to prevent re-entry using appropriate methods. The Authorized Biologist(s) shall complete all burrow excavations in accordance with the USFWS Field Manual. If burrow excavation results in the handling and relocation of Covered Species, the Authorized Biologist(s) shall document and provide a report to CDFW as specified in Condition of Approval 8.20.
- 8.16. Desert Tortoise Handling. In the event that the Covered Species, including Covered Species eggs, must be handled and/or relocated, the Authorized Biologist(s) shall follow all procedures/guidelines in the USFWS Field Manual, including, but not limited to, procedures to avoid transmission of diseases and parasites, guidelines for addressing temperature extremes, data collection requirements, and general measures to protect the well-being of the individuals. The Authorized Biologist(s) shall document all instances of handling and relocation and provide the documentation to CDFW as specified in Condition of Approval 8.20.

- 8.17. Relocation of Desert Tortoise.** To the maximum extent practicable, Permittee shall avoid disturbance to, and relocation of, the Covered Species. If any Covered Species are at risk of harm as a result of Covered Activities, the Authorized Biologist(s) shall move the individual(s) out of harm's way and release the individual(s) no more than 1,000 feet from the point of collection for adults and 300 feet for juveniles. The Authorized Biologist(s) shall not relocate the Covered Species to adjacent private property unless the Permittee obtains written permission from the property owner. Covered Species found above ground shall be allowed reasonable time to move out of harm's way on their own accord, and if relocated by the Authorized Biologist(s), shall be released above ground in suitable habitat and conditions. Covered Species found in burrows, especially during the species' less active period, shall be avoided to the extent practicable, as determined by the Authorized Biologist(s). If the Covered Species (including eggs) are found during burrow excavation, the Authorized Biologist(s) shall relocate them to an artificial or unoccupied natural burrow and monitor them until Covered Activities in the area are complete. The Authorized Biologist(s) shall follow all excavation, capture, handling, identification and data collection, relocation, and burrow construction procedures described in the USFWS Field Manual. The Authorized Biologist(s) shall document any relocation efforts and provide a report to CDFW as specified in Condition of Approval 8.20.
- 8.18. Ambient Air Temperature.** The Authorized Biologist(s) shall not capture, move, transport, release, or purposefully cause a Covered Species to leave its burrow for any reason when the ambient air temperature is above 95 degrees Fahrenheit (35 degrees Celsius). The Authorized Biologist(s) shall not capture the Covered Species if the ambient air temperature is anticipated to exceed 95 degrees Fahrenheit before handling or processing can be completed. If the ambient air temperature exceeds 95 degrees Fahrenheit during handling or processing, the Authorized Biologist(s) shall keep the Covered Species in a shaded environment with a temperature that does not exceed 95 degrees Fahrenheit and shall not release the animal until ambient air temperature declines to below 95 degrees Fahrenheit.
- 8.19. Desert Tortoise Rehydration.** If an individual voids its bladder as a result of handling, the Authorized Biologist(s) shall rehydrate the animal at the location where the animal was captured, or the location where the animal is or will be released by placing it in a tub with a clean plastic disposable liner. The Authorized Biologist(s) shall add water to the lined tub while ensuring that the water level is not higher than the lower jaw. If multiple individuals require rehydration, the Authorized Biologist(s) shall rehydrate each individually for a minimum of 10 to 20 minutes. The Authorized Biologist(s) shall place the lined tub in a quiet protected area during rehydration.

8.20. Desert Tortoise Handling Records. The Authorized Biologist(s) shall maintain a record of all Covered Species handled. This information shall include for each individual: (1) the locations (narrative and maps) and dates of observation, including whether the individual was found above ground or in a burrow; (2) ambient temperature when handled and released; (3) general condition and health of the individual(s), including injuries, state of healing, and whether the individual(s) voided its bladder; (4) identified diagnostic markings (i.e., identification numbers or marked lateral scutes); (5) location moved from and location moved to (using GPS technology), including information on any burrow (natural or artificial) utilized; (6) whether any eggs were discovered and relocated; (7) digital photographs of any individual and eggs handled; and (8) results of ongoing monitoring following the relocation and/or release. The Authorized Biologist(s) shall provide CDFW a written summary of the handling/relocation event, including the information listed above, within 24 hours.

8.21. Desert Tortoise Injury. If Project-related activities injure a Covered Species, the Authorized Biologist shall immediately transport it to a CDFW-approved wildlife rehabilitation or veterinary facility. Permittee shall identify the facility prior to the start of Covered Activities. Permittee shall bear any costs associated with the care or treatment of the injured individual(s). The Permittee, Biological Monitor(s), Authorized Biologist(s), or Field Contact Representative(s) shall notify CDFW of any Covered Species found injured or dead immediately by telephone and e-mail followed by a written incident report as described in Condition of Approval 7.9. Notification shall also include the name of the facility where the animal was taken.

9. Habitat Management Land Acquisition and Restoration: CDFW has determined that permanent protection and perpetual management of compensatory habitat is necessary and required pursuant to CESA to fully mitigate Project-related impacts of the taking on the Covered Species that will result with implementation of the Covered Activities. This determination is based on factors including an assessment of the importance of the habitat in the Project Area, the extent to which the Covered Activities will impact the habitat, and CDFW's estimate of the acreage required to provide for adequate compensation.

To meet this requirement, the Permittee shall either purchase 281 acres of Covered Species credits from a CDFW-approved mitigation or conservation bank (Condition of Approval 9.2) OR shall provide for both the permanent protection and management of 281 acres of Habitat Management (HM) lands pursuant to Condition of Approval 9.3 below and the calculation and deposit of the management funds pursuant to Condition of Approval 9.4 below. Permanent protection and funding for perpetual management of compensatory habitat must be complete before starting Covered Activities, or within 18

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ELDORADO-LUGO-MOHAVE SERIES CAPACITOR PROJECT

months of the effective date of this ITP if Security is provided pursuant to [Condition of Approval 10 below for all uncompleted obligations. The Permittee shall also restore on-site 124.54 acres of temporarily impacted Covered Species habitat pursuant to Condition of Approval 9.5 below.

9.1. Cost Estimates. CDFW has estimated the cost of acquisition, protection, and perpetual management of the HM lands and restoration of temporarily disturbed habitat as follows:

- 9.1.1. Land acquisition costs for HM lands identified in Condition of Approval 9.3 below, estimated at \$3,148/acre for 281 acres: **\$884,588**. Land acquisitions costs are estimated using local fair market current value for lands with habitat values meeting mitigation requirements;
- 9.1.2. Start-up costs for HM lands, including initial site protection and enhancement costs as described in Condition of Approval 9.3.5 below, estimated at \$935/acre for 281 acres: **\$262,735**;
- 9.1.3. Interim management period funding as described in Condition of Approval 9.3.6 below, estimated at \$1,700/acre for 281 acres: **\$477,700**;
- 9.1.4. Long-term management funding as described in Condition of Approval 9.4 below, estimated at \$2,635/acre for 281 acres: **\$740,435**. Long-term management funding is estimated initially for the purpose of providing Security to ensure implementation of HM lands management.
- 9.1.5. Restoration of on-site temporary effects to Covered Species habitat as described in Condition of Approval 9.5, calculated at \$18,356.27/acre for 124.54 acres: **\$2,286,089.87**.

9.2. Covered Species Credits. Permittee shall purchase 281 acres of Covered Species credits from a CDFW-approved mitigation or conservation bank prior to initiating Covered Activities, or no later than 18 months from the issuance of this ITP if Security is provided pursuant to Condition of Approval 10 below.

OR:

9.3. Habitat Acquisition and Protection. To provide for the acquisition and perpetual protection and management of the HM lands, the Permittee shall:

- 9.3.1. Fee Title/Conservation Easement. Transfer fee title to the HM lands to CDFW pursuant to terms approved in writing by CDFW. Alternatively, CDFW, in its sole

discretion, may authorize a governmental entity, special district, non-profit organization, for-profit entity, person, or another entity to hold title to and manage the property provided that the district, organization, entity, or person meets the requirements of Government Code sections 65965-65968, as amended. If CDFW does not hold fee title to the HM lands, CDFW shall act as grantee for a conservation easement over the HM lands or shall, in its sole discretion, approve a non-profit entity, public agency, or Native American tribe to act as grantee for a conservation easement over the HM lands provided that the entity, agency, or tribe meets the requirements of Civil Code section 815.3. If CDFW does not hold the conservation easement, CDFW shall be expressly named in the conservation easement as a third-party beneficiary. The Permittee shall obtain CDFW written approval of any conservation easement before its execution or recordation. No conservation easement shall be approved by CDFW unless it complies with Government Code sections 65965-65968, as amended and includes provisions expressly addressing Government Code sections 65966(j) and 65967(e);

- 9.3.2. HM Lands Approval. Obtain CDFW written approval of the HM lands before acquisition and/or transfer of the land by submitting, at least three months before acquisition and/or transfer of the HM lands, a formal Proposed Lands for Acquisition Form (see Attachment 2B) identifying the land to be purchased or property interest conveyed to an approved entity as mitigation for the Project's impacts on Covered Species;
- 9.3.3. HM Lands Documentation. Provide a recent preliminary title report, initial hazardous materials survey report, and other necessary documents (see Attachment 2A). All documents conveying the HM lands and all conditions of title are subject to the approval of CDFW, and if applicable, the Wildlife Conservation Board and the Department of General Services;
- 9.3.4. Land Manager. Designate both an interim and long-term land manager approved by CDFW. The interim and long-term land managers may, but need not, be the same. The interim and/or long-term land managers may be the landowner or another party. Documents related to land management shall identify both the interim and long-term land managers. Permittee shall notify CDFW of any subsequent changes in the land manager within 30 days of the change. If CDFW will hold fee title to the mitigation land, CDFW will also act as both the interim and long-term land manager unless otherwise specified.
- 9.3.5. Start-up Activities. Provide for the implementation of start-up activities, including the initial site protection and enhancement of HM lands, once the HM lands

have been approved by CDFW. Start-up activities include, at a minimum: (1) preparing a final management plan for CDFW approval (see <https://www.wildlife.ca.gov/Conservation/Planning/Banking/Templates>) (2) conducting a baseline biological assessment and land survey report within four months of recording or transfer; (3) developing and transferring Geographic Information Systems (GIS) data if applicable; (4) establishing initial fencing; (5) conducting litter removal; (6) conducting initial habitat restoration or enhancement, if applicable; and (7) installing signage;

9.3.6. Interim Management (Initial and Capital). Provide for the interim management of the HM lands. The Permittee shall ensure that the interim land manager implements the interim management of the HM lands as described in the final management plan and conservation easement approved by CDFW. The interim management period shall be a minimum of three years from the date of HM land acquisition and protection and full funding of the Endowment and includes expected management following start-up activities. Interim management period activities described in the final management plan shall include fence repair, continuing trash removal, site monitoring, and vegetation and invasive species management. Permittee shall either (1) provide a security to CDFW for the minimum of three years of interim management that the land owner, Permittee, or land manager agrees to manage and pay for at their own expense, (2) establish an escrow account with written instructions approved in advance in writing by CDFW to pay the land manager annually in advance, or (3) establish a short-term enhancement account with CDFW or a CDFW-approved entity for payment to the land manager.

9.4. Endowment Fund. If the Permittee will permanently protect and perpetually manage compensatory habitat as described in Condition of Approval 9.3, The Permittee shall ensure that the HM lands are perpetually managed, maintained, and monitored by the long-term land manager as described in this ITP, the conservation easement, and the final management plan approved by CDFW. After obtaining CDFW approval of the HM lands, Permittee shall provide long-term management funding for the perpetual management of the HM lands by establishing a long-term management fund (Endowment). The Endowment is a sum of money, held in a CDFW-approved fund that provides funds for the perpetual management, maintenance, monitoring, and other activities on the HM lands consistent with the management plan(s) required by Condition of Approval 9.3.5. Endowment as used in this ITP shall refer to the endowment deposit and all interest, dividends, other earnings, additions and appreciation thereon. The Endowment shall be governed by this ITP, Government Code sections 65965-65968, as amended, and Probate Code sections 18501-18510, as amended.

After the interim management period, Permittee shall ensure that the designated long-term land manager implements the management and monitoring of the HM lands according to the final management plan. The long-term land manager shall be obligated to manage and monitor the HM lands in perpetuity to preserve their conservation values in accordance with this ITP, the conservation easement, and the final management plan. Such activities shall be funded through the Endowment.

- 9.4.1. Identify an Endowment Manager. The Endowment shall be held by the Endowment Manager, which shall be either CDFW or another entity qualified pursuant to Government Code sections 65965-65968, as amended. Permittee shall submit to CDFW a written proposal that includes: (i) the name of the proposed Endowment Manager; (ii) whether the proposed Endowment Manager is a governmental entity, special district, nonprofit organization, community foundation, or congressionally chartered foundation; (iii) whether the proposed Endowment Manager holds the property or an interest in the property for conservation purposes as required by Government Code section 65968(b)(1) or, in the alternative, the basis for finding that the Project qualifies for an exception pursuant to Government Code section 65968(b)(2); and (iv) a copy of the proposed Endowment Manager's certification pursuant to Government Code section 65968(e). Within thirty days of CDFW's receipt of Permittee's written proposal, CDFW shall inform Permittee in writing if it determines the proposal does not satisfy the requirements of Fish and Game Code section 2081(b)(4) and, if so, shall provide Permittee with a written explanation of the reasons for its determination. If CDFW does not provide Permittee with a written determination within the thirty-day period, the proposal shall be deemed consistent with Section 2081(b)(4).;
- 9.4.2. Calculate the Endowment Funds Deposit. After obtaining CDFW written approval of the HM lands, long-term management plan, and Endowment Manager, Permittee shall prepare a Property Analysis Record (PAR) or PAR-equivalent analysis (hereinafter "PAR") to calculate the amount of funding necessary to ensure the long-term management of the HM lands (Endowment Deposit Amount). The Permittee shall submit to CDFW for review and approval the results of the PAR before transferring funds to the Endowment Manager.
- 9.4.2.1. Capitalization Rate and Fees. Permittee shall obtain the capitalization rate from the selected Endowment Manager for use in calculating the PAR and adjust for any additional administrative, periodic, or annual fees.
- 9.4.2.2. Endowment Buffers/Assumptions. Permittee shall include in PAR assumptions the following buffers for endowment establishment and use

that will substantially ensure long-term viability and security of the Endowment:

- 9.4.2.2.1. 10 Percent Contingency. A 10 percent contingency shall be added to each endowment calculation to hedge against underestimation of the fund, unanticipated expenditures, inflation, or catastrophic events.
- 9.4.2.2.2. Three Years Delayed Spending. The endowment shall be established assuming spending will not occur for the first three years after full funding.
- 9.4.2.2.3. Non-annualized Expenses. For all large capital expenses to occur periodically but not annually such as fence replacement or well replacement, payments shall be withheld from the annual disbursement until the year of anticipated need or upon request to Endowment Manager and CDFW.
- 9.4.3. Transfer Long-term Endowment Funds. Permittee shall transfer the long-term endowment funds to the Endowment Manager upon CDFW approval of the Endowment Deposit Amount identified above. The approved Endowment Manager may pool the Endowment with other endowments for the operation, management, and protection of HM lands for local populations of the Covered Species but shall maintain separate accounting for each Endowment. The Endowment Manager shall, at all times, hold and manage the Endowment in compliance with this ITP, Government Code sections 65965-65968, as amended, and Probate Code sections 18501-18510, as amended.
- 9.5. Habitat Restoration. Permittee shall prepare and implement a Habitat Restoration and Revegetation Plan (HRRP) to address the 124.54 acres of Covered Species habitat temporarily disturbed by the Project (hereinafter, collectively referred to as "Restoration Areas"). The HRRP must provide detailed information regarding the revegetation and/or restoration of the temporarily disturbed areas, including: (1) the locations of the Restoration Areas (using maps and GIS shapefile); (2) revegetation methods (e.g., natural revegetation, topsoil salvage and redistribution, reseeding, planting); (3) site preparation techniques (e.g., decompaction, recontouring); (4) application and/or installation methods for plant materials; (5) native plant and seed palette; (6) maintenance and monitoring protocol, including schedules, timelines, and data collection methods; (7) species- or community-specific habitat restoration and revegetation goals, objectives, and quantitative success criteria; (8) contingency measures to be implemented in the event the success criteria are not being met; and (9) an outline of the data/results to be reported annually to CDFW. The HRRP shall

be provided to CDFW for review and approval no fewer than 30 days prior to the initiation of Covered Activities. Implementation of the HRRP shall occur as phased project activities are completed, and within 30 days of the overall project completion.

10. Performance Security: The Permittee may proceed with Covered Activities only after the Permittee has ensured funding (Security) to complete any activity required by Condition of Approval 9 that has not been completed before Covered Activities begin. Permittee shall provide Security as follows:

- 10.1. Security Amount.** The Security shall be in the amount of **\$4,651,547.87**, which includes \$2,289,089.87 for Habitat Restoration costs and \$2,362,458.00 for the acquisition, protection and perpetual management of HM lands or Covered Species Credits from a CDFW-approved mitigation or conservation bank. If the Covered Species Credits are purchased prior to the start of Covered Activities, the security amount shall only be for the Habitat Restoration cost. This amount is based on the cost estimates identified in Condition of Approval 9.1 above.
- 10.2. Security Form.** The Security shall be in the form of an irrevocable letter of credit (see Attachment 2) or another form of Security approved in advance in writing by CDFW's Office of the General Counsel.
- 10.3. Security Timeline.** The Security shall be provided to CDFW before Covered Activities begin or within 30 days after the effective date of this ITP, whichever occurs first.
- 10.4. Security Holder.** The Security shall be held by CDFW or in a manner approved in advance in writing by CDFW.
- 10.5. Security Transmittal.** If CDFW holds the Security, Permittee shall transmit it to CDFW with a completed Mitigation Payment Transmittal Form (see Attachment 3) or by way of an approved instrument such as escrow, irrevocable letter of credit, or other.
- 10.6. Security Drawing.** The Security shall allow CDFW to draw on the principal sum if CDFW, in its sole discretion, determines that the Permittee has failed to comply with the Conditions of Approval of this ITP.
- 10.7. Security Release.** The Security (or any portion of the Security then remaining) shall be released to the Permittee after CDFW has conducted an on-site inspection and received confirmation that all secured requirements have been satisfied, as evidenced by:
 - Written documentation of the acquisition of the HM lands or Covered Species credits;

- Copies of all executed and recorded conservation easements;
- Written confirmation from the approved Endowment Manager of its receipt of the full Endowment;
- The successful restoration of all temporary impacts, as established in the HRRP; and
- Timely submission of all required reports.

Even if Security is provided, the Permittee must complete the required acquisition, protection and transfer of all HM lands and record any required conservation easements no later than 18 months from the effective date of this ITP. CDFW may require the Permittee to provide additional HM lands and/or additional funding to ensure the impacts of the taking are minimized and fully mitigated, as required by law, if the Permittee does not complete these requirements within the specified timeframe.

Amendment:

This ITP may be amended as provided by California Code of Regulations, Title 14, section 783.6, subdivision (c), and other applicable law. This ITP may be amended without the concurrence of the Permittee as required by law, including if CDFW determines that continued implementation of the Project as authorized under this ITP would jeopardize the continued existence of the Covered Species or where Project changes or changed biological conditions necessitate an ITP amendment to ensure that all Project-related impacts of the taking to the Covered Species are minimized and fully mitigated.

Stop-Work Order:

CDFW may issue Permittee a written stop-work order requiring Permittee to suspend any Covered Activity for an initial period of up to 25 days to prevent or remedy a violation of this ITP, including but not limited to the failure to comply with reporting or monitoring obligations, or to prevent the unauthorized take of any CESA endangered, threatened, or candidate species. Permittee shall stop work immediately as directed by CDFW upon receipt of any such stop-work order. Upon written notice to Permittee, CDFW may extend any stop-work order issued to Permittee for a period not to exceed 25 additional days. Suspension and revocation of this ITP shall be governed by California Code of Regulations, Title 14, section 783.7, and any other applicable law. Neither the Authorized Biologist nor CDFW shall be liable for any costs incurred in complying with stop-work orders.

Compliance with Other Laws:

This ITP sets forth CDFW's requirements for the Permittee to implement the Project pursuant to CESA. This ITP does not necessarily create an entitlement to proceed with the Project. Permittee is responsible for complying with all other applicable federal, state, and local law.

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Notices:

Written notices, reports and other communications relating to this ITP shall be delivered to CDFW by email or registered first class mail at the following address, or at addresses CDFW may subsequently provide the Permittee. Notices, reports, and other communications shall reference the Project name, Permittee, and ITP Number (2081-2018-083-06) in a cover letter and on any other associated documents.

Original cover with attachment(s) to:

Leslie MacNair, Regional Manager
California Department of Fish and Wildlife
3602 Inland Empire Blvd., Suite C-220
Ontario, CA 91764
Telephone (909) 466-8462
Katrina.Banda@wildlife.ca.gov

and a copy to:

Habitat Conservation Planning Branch
California Department of Fish and Wildlife
Attention: CESA Permitting Program
Post Office Box 944209
Sacramento, CA 94244-2090
CESA@wildlife.ca.gov

Unless Permittee is notified otherwise, CDFW's Regional Representative for purposes of addressing issues that arise during implementation of this ITP is:

Brandy Wood
3602 Inland Empire Boulevard, Suite C-220
Ontario, CA 91764
Telephone (909) 483-6319
Brandy.Wood@wildlife.ca.gov

Compliance with CEQA:

CDFW's issuance of this ITP is subject to CEQA. CDFW is a responsible agency pursuant to CEQA with respect to this ITP because of prior environmental review of the Project by the lead agency, California Public Utilities Commission. (See generally Pub. Resources Code, §§

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21067, 21069.) The lead agency's prior environmental review of the Project is set forth in the Mitigated Negative Declaration for SCE's Eldorado Lugo-Mohave Series Capacitor Project, (SCH No.: 2019089033) dated May 2, 2018 that the California Public Utilities Commission adopted for Eldorado-Lugo-Mohave Series Capacitor Project on August 27, 2020. At the time the lead agency adopted the Mitigated Negative Declaration and approved the Project it also adopted various mitigation measures for the Covered Species as conditions of Project approval.

This ITP, along with CDFW's related CEQA findings, which are available as a separate document, provide evidence of CDFW's consideration of the lead agency's Mitigated Negative Declaration for the Project and the environmental effects related to issuance of this ITP (CEQA Guidelines, § 15096, subd. (f)). CDFW finds that issuance of this ITP will not result in any previously undisclosed potentially significant effects on the environment or a substantial increase in the severity of any potentially significant environmental effects previously disclosed by the lead agency. Furthermore, to the extent the potential for such effects exists, CDFW finds adherence to and implementation of the Conditions of Project Approval adopted by the lead agency, and that adherence to and implementation of the Conditions of Approval imposed by CDFW through the issuance of this ITP, will avoid or reduce to below a level of significance any such potential effects. CDFW consequently finds that issuance of this ITP will not result in any significant, adverse impacts on the environment.

Findings Pursuant to CESA:

These findings are intended to document CDFW's compliance with the specific findings requirements set forth in CESA and related regulations. (Fish & G. Code § 2081, subs. (b)-(c); Cal. Code Regs., tit. 14, §§ 783.4, subds, (a)-(b), 783.5, subd. (c)(2).)

CDFW finds based on substantial evidence in the ITP application, Eldorado-Lugo-Mohave Series Capacitor Project Mitigated Negative Declaration, and consultations, and the administrative record of proceedings, that issuance of this ITP complies and is consistent with the criteria governing the issuance of ITPs pursuant to CESA:

- (1) Take of Covered Species as defined in this ITP will be incidental to the otherwise lawful activities covered under this ITP;
- (2) Impacts of the taking on Covered Species will be minimized and fully mitigated through the implementation of measures required by this ITP and as described in the MMRP. Measures include: (1) permanent habitat protection; (2) establishment of avoidance zones; (3) worker education; and (4) Quarterly Compliance Reports. CDFW evaluated factors including an assessment of the importance of the habitat in the Project Area, the extent to which the Covered Activities will impact the habitat, and CDFW's estimate of the acreage required to provide for adequate compensation. Based on this

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evaluation, CDFW determined that the protection and management in perpetuity of 281 acres of compensatory habitat that is contiguous with other protected Covered Species habitat and/or is of higher quality than the habitat being destroyed by the Project, along with the minimization, monitoring, reporting, and funding requirements of this ITP minimizes and fully mitigates the impacts of the taking caused by the Project;

- (3) The take avoidance and mitigation measures required pursuant to the conditions of this ITP and its attachments are roughly proportional in extent to the impacts of the taking authorized by this ITP;
- (4) The measures required by this ITP maintain Permittee's objectives to the greatest extent possible;
- (5) All required measures are capable of successful implementation;
- (6) This ITP is consistent with any regulations adopted pursuant to Fish and Game Code sections 2112 and 2114;
- (7) Permittee has ensured adequate funding to implement the measures required by this ITP as well as for monitoring compliance with, and the effectiveness of, those measures for the Project; and
- (8) Issuance of this ITP will not jeopardize the continued existence of the Covered Species based on the best scientific and other information reasonably available, and this finding includes consideration of the species' capability to survive and reproduce, and any adverse impacts of the taking on those abilities in light of (1) known population trends; (2) known threats to the species; and (3) reasonably foreseeable impacts on the species from other related projects and activities. Moreover, CDFW's finding is based, in part, on CDFW's express authority to amend the terms and conditions of this ITP without concurrence of the Permittee as necessary to avoid jeopardy and as required by law.

Attachments:

| | |
|-------------------|---|
| FIGURE 1 | Project Overview Map |
| FIGURE 2 | Ludlow and Newberry Springs Series Capacitor Detail |
| ATTACHMENT 1 | Mitigation Monitoring and Reporting Program |
| ATTACHMENT 2A, 2B | Habitat Management Lands Checklist; Proposed Lands for Acquisition Form |
| ATTACHMENT 3 | Letter of Credit Form |
| ATTACHMENT 4 | Mitigation Payment Transmittal Form |

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ATTACHMENT 5
ATTACHMENT 6

Eldorado Lugo Mojave Map Book
NFWF's Raven Management Deposit Document

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ISSUED BY THE CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE

On 9/18/2020

DocuSigned by:
Scott Wilson for
8091B1A9242F49C...

Leslie MacNair, Regional Manager
Inland Deserts Region

ACKNOWLEDGMENT

The undersigned: (1) warrants that he or she is acting as a duly authorized representative of the Permittee, (2) acknowledges receipt of this ITP, and (3) agrees on behalf of the Permittee to comply with all terms and conditions

By: Philippe Lapin Date: 9/21/2020
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Printed Name: Philippe Lapin Title: Principal Manager

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Attachment 1

**CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE
MITIGATION MONITORING AND REPORTING PROGRAM (MMRP)
CALIFORNIA ENDANGERED SPECIES ACT**

INCIDENTAL TAKE PERMIT NO. 2081-2018-083-06

PERMITTEE: Southern California Edison

PROJECT: Eldorado-Lugo-Mohave Series Capacitor Project

PURPOSE OF THE MMRP

The purpose of this MMRP is to ensure that the impact minimization and mitigation measures required by the Department of Fish and Wildlife (CDFW) for the above-referenced Project are properly implemented, and thereby to ensure compliance with section 2081(b) of the Fish and Game Code and section 21081.6 of the Public Resources Code. A table summarizing the mitigation measures required by CDFW is attached. This table is a tool for use in monitoring and reporting on implementation of mitigation measures, but the descriptions in the table do not supersede the mitigation measures set forth in the California Incidental Take Permit (ITP) and in attachments to the ITP, and the omission of a permit requirement from the attached table does not relieve the Permittee of the obligation to ensure the requirement is performed.

OBLIGATIONS OF PERMITTEE

Mitigation measures must be implemented within the time periods indicated in the table that appears below. Permittee has the primary responsibility for monitoring compliance with all mitigation measures and for reporting to CDFW on the progress in implementing those measures. These monitoring and reporting requirements are set forth in the ITP itself and are summarized at the front of the attached table.

VERIFICATION OF COMPLIANCE, EFFECTIVENESS

CDFW may, at its sole discretion, verify compliance with any mitigation measure or independently assess the effectiveness of any mitigation measure.

TABLE OF MITIGATION MEASURES

The following items are identified for each mitigation measure: Mitigation Measure, Source, Implementation Schedule, Responsible Party, and Status/Date/Initials. The Mitigation Measure column summarizes the mitigation requirements of the ITP. The Source column identifies the ITP condition that sets forth the mitigation measure. The Implementation Schedule column shows the date or phase when each mitigation measure will be implemented. The Responsible Party column identifies the person or agency that is primarily responsible for implementing the mitigation measure. The Status/Date/Initials column shall be completed by the Permittee during preparation of each Status Report and the Final Mitigation Report, and must identify the implementation status of each mitigation measure, the date that status was determined, and the initials of the person determining the status.

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
|---|---|---------------------|--|-------------------|--------------------------|
| BEFORE DISTURBING SOIL OR VEGETATION | | | | | |
| 1 | Field Contact Representative. No less than 14 days prior to the initiation of Covered Activities, Permittee shall designate one or more representatives (Field Contact Representatives) responsible for communications with CDFW and overseeing compliance with the ITP. Prior to the initiation of Covered Activities, Permittee shall provide CDFW in writing the Field Contact Representative's name, business address, and contact information, and shall notify CDFW in writing if Permittee selects or identifies a substitute Field Contact Representative at any time during the term of the ITP. The Field Contact Representative will retain a copy of all ITP conditions readily available at the Project field office while conducting work on-site and oversee coordination between Project personnel, Biological Monitor(s), and Authorized Biologist(s). The Field Contact Representative will be present for all ground-disturbing activities within Covered Species habitat and will have the authority to halt all work activities that are not in compliance with the ITP. The Field Contact Representative will be responsible for ensuring that the Permittee immediately corrects any activities found to be out of compliance with the ITP and documents the corrective action. | ITP Condition # 6.1 | Before commencing ground- or vegetation-disturbing activities / Entire Project | Permittee | |
| 2 | Biological Monitors. No less than 14 days prior to the initiation of Covered Activities, Permittee shall submit to CDFW in writing the name, qualifications, business address, and contact information of each Biological Monitor proposed to conduct biological surveys or monitoring for Covered Species under the leadership of the Authorized Biologist (see Condition of Approval 6.3). Permittee shall ensure that the Biological Monitor(s) is knowledgeable and experienced in the biology, natural history, and identification of the Covered Species and signs of Covered Species presence. The Biological Monitor(s) shall be responsible for monitoring Covered Activities to help minimize and fully mitigate or avoid the incidental take of Covered Species and to minimize disturbance of Covered Species' habitat. Permittee shall obtain CDFW approval of the Biological Monitor(s) in writing before starting Covered Activities and shall also obtain approval in advance in writing if the Biological Monitor(s) must be changed. | ITP Condition # 6.2 | Before commencing ground- or vegetation-disturbing activities | Permittee | |
| 3 | Authorized Biologist(s). No less than 30 days prior to the initiation of Covered Activities, Permittee shall submit to CDFW for review and approval, the name, qualifications, business address, and contact information of each biologist proposed to conduct any of the following tasks: lead biological surveys; handle Covered Species; relocate Covered Species, including eggs; excavate, or supervise the excavation of Covered Species burrows; or construct, or supervise the construction of artificial burrows (Authorized Biologist). Permittee shall clearly describe the qualifications and experience that each proposed Authorized Biologist possesses to support the assignment, including detailed examples of projects for which any of the above tasks were completed. The Authorized Biologist shall have experience with excavating burrows, handling and temporarily holding desert tortoises, relocating/translocating desert tortoises, reconstructing desert tortoise burrows, unearthing and relocating desert tortoise eggs, is able to locate, identify, and record all forms of desert tortoise sign, conducting protocol level surveys. Permittee must receive CDFW's written approval of the Authorized Biologist(s) prior to the commencement of Covered Activities, including site preparation and staging. | ITP Condition # 6.3 | Before commencing ground- or vegetation-disturbing activities / Entire Project | Permittee | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
|---|--|---------------------|--|--------------------------|---------------------------------|
| 4 | Authorized Biologist(s) and Biological Monitor(s) Authority. Only the Authorized Biologist(s) shall handle Covered Species. To ensure compliance with the Conditions of Approval of the ITP, the Biological Monitor(s) and Authorized Biologist(s) shall have authority to immediately stop any activity that does not comply with the ITP, and to order any reasonable measures to avoid the unauthorized take of an individual of the Covered Species. Work shall not continue until the Authorized Biologist determines compliance with the ITP and provides that determination to the onsite manager. The Biological Monitor(s) and/or Authorized Biologist(s) shall order any reasonable measure to avoid the unauthorized take of an individual of the Covered Species. Written approval provided by CDFW shall be kept with this permit on site. | ITP Condition # 6.4 | Entire Project | Permittee | |
| 5 | Education Program. Permittee shall conduct an education program for all persons employed or otherwise working in the Project Area (Project personnel) before performing any work. The program shall consist of a presentation from the Biological Monitor, or Authorized Biologist that includes a discussion of the biology and general behavior of the Covered Species, information about the distribution of the Covered Species, sensitivity of the Covered Species to human activities, its status pursuant to CESA including legal protection and penalties for violations, Project-specific protective measures described in the ITP, and reporting requirements for sighting or incidents involving the Covered Species. Permittee shall inform all Project personnel that the Field Contact Representative(s), Biological Monitor(s), and Authorized Biologist(s) have the authority to halt all work activities that are not in compliance with the ITP. Permittee shall provide interpretation for non-English speaking Project personnel, as needed, and provide the same instruction to any new Project personnel before they are authorized to perform work in the Project Area. Permittee shall prepare and distribute wallet-sized cards or a fact sheet handout containing this information for Project personnel to carry in the Project Area. Upon completion of the program, employees shall sign a form stating they attended the program and understand all protection measures. | ITP Condition # 6.5 | Before commencing ground- or vegetation-disturbing activities / Entire Project | Permittee | |
| 6 | Construction Monitoring Notebook. The Field Contact Representative or Authorized Biologist(s) shall maintain a construction-monitoring notebook on-site, or available electronically throughout the construction period, which shall include a copy of the ITP with attachments and a list of signatures of all personnel who have successfully completed the education program. Permittee shall ensure a copy of the construction-monitoring notebook is available for review at the Project site upon request by CDFW. | ITP Condition # 6.6 | Before commencing ground- or vegetation-disturbing activities / Entire Project | Permittee | |
| 7 | Trash Abatement. Permittee shall initiate a trash abatement program before starting Covered Activities and shall continue the program for the duration of the Project. Permittee shall ensure that trash and food items are properly disposed of in self-closing, sealable containers, with lids that latch. Permittee shall inspect, empty, and remove all trash receptacles from the Project Area daily to avoid attracting opportunistic predators such as ravens, coyotes, and feral dogs. | ITP Condition # 6.7 | Before commencing ground- or vegetation-disturbing activities / Entire Project | Permittee | |
| 8 | Dust Control. Permittee shall implement dust control measures during Covered Activities to facilitate visibility for monitoring of the Covered Species by the Authorized Biologist(s) and Biological Monitor(s). If utilizing water for dust control, Permittee shall keep the amount of water used to the minimum amount needed and shall not allow water to form puddles. If Permittee proposes to use chemical dust suppressants or soil stabilizers within the Project Area, Permittee shall limit their use to highly disturbed areas (i.e., material yards). Permittee shall not use dust suppressants or soil stabilizers potentially harmful to fish and wildlife. | ITP Condition # 6.8 | Before commencing ground- or vegetation-disturbing activities / Entire Project | Permittee | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
|----|--|---------------------|--|--------------------------|---------------------------------|
| 9 | Erosion Control Materials. Permittee shall prohibit use of erosion control materials potentially harmful to fish and wildlife species, such as monofilament netting (erosion control matting) or similar material, in potential Covered Species' habitat. Fiber rolls and erosion control mesh shall be made of loose-weave mesh that is not fused at the intersections of the weave, such as jute, coconut (coir) fiber, or other products without welded weaves, and shall be free of nonnative plant materials. | ITP Condition # 6.9 | Before commencing ground- or vegetation-disturbing activities / Entire Project | Permittee | |
| 10 | General Habitat and Species Avoidance. Permittee shall, to the greatest extent feasible, avoid impacts/disturbances to sensitive plants, plant communities, and animals within the Project Area. In addition, Permittee shall avoid, to the maximum extent practicable, impacts/disturbance to perennial, native vegetation within the Project Area. To the maximum extent practicable, Permittee shall limit access-related Covered Activities to "drive and crush" rather than vegetation removal or grubbing. | ITP Condition #6.10 | Entire Project | Permittee | |
| 11 | Hazardous Waste. Permittee shall immediately stop and, pursuant to pertinent state and federal statutes and regulations, arrange for repair and clean up by qualified individuals of any fuel or hazardous waste leaks or spills at the time of occurrence, or as soon as it is safe to do so. Permittee shall exclude the storage and handling of hazardous materials from the Project Area and shall properly contain and dispose of any unused or leftover hazardous products off-site. | ITP Condition #6.11 | Entire Project | Permittee | |
| 12 | CDFW Access. Permittee shall provide CDFW staff with reasonable access to the Project and mitigation lands under Permittee control and shall otherwise fully cooperate with CDFW efforts to verify compliance with or effectiveness of mitigation measures set forth in the ITP. | ITP Condition #6.12 | Entire Project | Permittee | |
| 13 | Refuse Removal. Upon completion of Covered Activities within each work area, Permittee shall remove and properly dispose of all construction refuse, including, but not limited to, packaging and wrapping material (cords, cables, wire, rope, strapping, twine), delineation materials (fencing, stakes, flagging), erosion control materials (straw wattles, sand bags, silt fencing), buckets, metal or plastic containers, and boxes. | ITP Condition #6.13 | Entire Project / Post-construction | Permittee | |
| 14 | Notification Before Commencement. The Field Contact Representative shall notify CDFW 14 calendar days before starting Covered Activities and shall document compliance with all pre-Project Conditions of Approval before starting Covered Activities. | ITP Condition #7.1 | Before commencing ground- or vegetation-disturbing activities | Permittee | |
| 15 | Notification of Non-compliance. The Field Contact Representative shall immediately notify CDFW in writing if it determines that the Permittee is not in compliance with any Condition of Approval of the ITP, including but not limited to any actual or anticipated failure to implement measures within the time periods indicated in the ITP and/or this MMRP. The Field Contact Representative shall report any non-compliance with the ITP to CDFW within 24 hours. | ITP Condition #7.2 | Entire Project | Permittee | |
| 16 | Compliance Monitoring. The Biological Monitor(s) or Authorized Biologist(s) shall be on-site when Covered Activities occur. The Biological Monitor(s) or Authorized Biologist(s) shall conduct compliance inspections to (1) minimize incidental take of the Covered Species; (2) prevent unlawful take of species; (3) check for compliance with all measures of the ITP; (4) check all exclusion zones; and (5) ensure that signs, stakes, and fencing are intact, and that Covered Activities are only occurring in the Project Area. The Biological Monitor(s) or Authorized Biologist(s) shall prepare daily written observation and inspection records summarizing oversight activities and compliance inspections, observations of Covered Species and their sign, survey results, and monitoring activities required by the ITP. | ITP Condition #7.3 | Entire Project | Permittee | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
|----|---|---------------------|--------------------------------|--------------------------|---------------------------------|
| 17 | Quarterly Compliance Report. Permittee shall compile the observation and inspection records identified in Condition of Approval 7.3 into a Quarterly Compliance Report and submit it to CDFW along with a copy of this MMRP table with notes showing the current implementation status of each mitigation measure. Quarterly Compliance Reports shall be submitted to the CDFW offices listed in the Notices section of the ITP and via email to CDFW's Regional Representative and Headquarters CESA Program. At the time of the ITP's approval, the CDFW Regional Representative is Brandy Wood (Brandy.Wood@wildlife.ca.gov) and Headquarters CESA Program email is CESA@wildlife.ca.gov. CDFW may at any time increase or decrease the timing and number of compliance inspections and reports required under this provision depending upon the results of previous compliance inspections. If CDFW determines the reporting schedule must be changed, CDFW will notify Permittee in writing of the new reporting schedule. | ITP Condition #7.4 | Entire Project | Permittee | |
| 18 | Annual Status Report. Permittee shall provide CDFW with an Annual Status Report (ASR) no later than January 31 of every year beginning with issuance of the ITP and continuing until CDFW accepts the Final Mitigation Report identified below. Each ASR shall include, at a minimum: (1) a summary of all Quarterly Compliance Reports for that year identified in Condition of Approval 7.4; (2) a general description of the status of the Project Area and Covered Activities, including actual or projected completion dates, if known; (3) a copy of the table in this MMRP with notes showing the current implementation status of each mitigation measure; (4) an assessment of the effectiveness of each completed or partially completed mitigation measure in avoiding, minimizing and mitigating Project impacts; (5) all available information about Project-related incidental take of the Covered Species; and (6) information about other Project impacts on the Covered Species. | ITP Condition #7.5 | Entire Project | Permittee | |
| 19 | CNDDDB Observations. Permittee shall submit all observations of special-status and Covered Species to CDFW's California Natural Diversity Database (CNDDDB). Biologists may submit observations individually or may compile and submit observations in batches throughout the course of the Project. If submitting species observations in batches, these submittals shall occur a minimum of once every 3 months, for the life of the Project. Permittee shall include copies of the submitted forms with the ASR. | ITP Conditions #7.6 | Entire Project | Permittee | |
| 20 | Final Compliance Report. No later than 45 days after completion of all mitigation measures, Permittee shall provide CDFW with a Final Compliance Report. Permittee shall prepare the Final Compliance Report which shall include, at a minimum: (1) a summary of all Quarterly Compliance Reports and all ASRs; (2) a copy of the table in this MMRP with notes showing when each of the mitigation measures was implemented; (3) all available information about Project-related incidental take of the Covered Species; (4) information about other Project impacts on the Covered Species; (5) beginning and ending dates of Covered Activities; (6) a final calculation of Covered Species habitat impacts, including Geographic Information Systems (GIS) shapefiles; (7) an assessment of the effectiveness of the ITP's Conditions of Approval in minimizing and fully mitigating Project impacts of the taking on Covered Species; (8) recommendations on how mitigation measures might be changed to more effectively minimize take and mitigate the impacts of future projects on the Covered Species; and (9) any other pertinent information. | ITP Conditions #7.7 | Post-construction | Permittee | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
|----|---|---------------------|---|--------------------------|---------------------------------|
| 21 | Covered Species Observation Reporting. The Field Contact Representative shall notify CDFW within 24 hours of any Covered Species observations via email. Notification shall include the date, location, and circumstances of the observation, the name of the Biological Monitor(s) or Authorized Biologist(s) notified, and any other pertinent information. If an Authorized Biologist(s) handles and/or relocates the Covered Species, additional information, as specified in Condition of Approval 8.20 shall be provided. | ITP Conditions #7.8 | Entire Project | Permittee | |
| 22 | Notification of Take or Injury. Permittee shall immediately notify an Authorized Biologist if a Project-related activity takes or injures a Covered Species, or if a Covered Species is otherwise found dead or injured within the vicinity of the Project. A Biological Monitor, Authorized Biologist, or Field Contact Representative shall provide initial notification to CDFW by contacting the CDFW Regional Representative Brandy Wood at the telephone number and e-mail address listed below. The initial notification to CDFW shall include information regarding the location, species, and number of animals taken or injured and the ITP Number. Following initial notification, Permittee shall send CDFW a written report within two calendar days. The report shall include the date and time of the finding or incident, location of the animal or carcass, and if possible, provide a photograph, explanation as to cause of take or injury, and any other pertinent information. | ITP Conditions #7.9 | Entire Project | Permittee | |
| 23 | Integrated Weed Management Plan. Permittee shall prepare and implement an Integrated Weed Management Plan (IWMP) to prevent the introduction and spread of weeds during the construction and revegetation phases of the Project. The IWMP shall provide an inventory of existing weed species within and adjacent to the Project footprint; evaluate the Project's potential to introduce or spread weeds; identify specific prevention and treatment strategies; and propose a monitoring, treatment, and reporting schedule. The IWMP shall be provided to CDFW for review no fewer than 30 days prior to the initiation of Project activities. | ITP Conditions #8.1 | 30 days prior to commencing ground- or vegetation-disturbing activities | Permittee | |
| 24 | Raven Management. Permittee shall develop and implement a raven monitoring, management, and control plan (Raven Management Plan; RMP) to identify and minimize avian predation of Covered Species. The RMP shall specify actions to minimize Project-related predator subsidies and prevent any increases in raven numbers or activity within Covered Species habitat resulting from Project activities. The RMP shall also identify contingency measures to be implemented in the event that predation persists. The RMP shall be implemented throughout the Project term, including restoration, and its efficacy evaluated on an annual basis. Permittee shall submit to CDFW annual reports documenting monitoring and management efforts made throughout the prior term. This project may be folded into SCE's programmatic raven management plan once reviewed by CDFW and approved by all applicable agencies. | ITP Conditions #8.2 | Before commencing ground- or vegetation-disturbing activities | Permittee | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
|----|---|---------------------|--|--------------------------|---------------------------------|
| 25 | Contribution to the Raven Management Plan. To mitigate this Project's portion of the cumulative effect of increasing the raven population in the desert region, Permittee shall provide funds to the Desert Managers Group (DMG) account established with the National Fish and Wildlife Foundation (NFWF) to contribute to a region-wide raven control plan to help address raven predation on the tortoise. This contribution shall be used to address raven predation on a regional basis and shall be calculated as a one-time payment of \$105 per acre of Project disturbance. Based on this calculation the Permittee shall provide a one-time payment at \$105.00 for 103.93 acres for a total of \$13,747.65 to the DMG account established with NFWF's Raven Management Plan fund. A minimum of 30 days prior to the start of Covered Activities these funds shall be provided to NFWF using appropriate deposit document (Attachment 5) and proof of paying this fee shall be provided to CDFW within 24 hours after the funds have been provided to NFWF. | ITP Conditions #8.3 | 30 days prior to commencing ground- or vegetation-disturbing activities | Permittee | |
| 26 | Water Containment. Permittee shall cover or otherwise secure all water containment structures including tanks, ponds, and pipes. Permittee shall ensure that all water sources (e.g., hydrants, tanks, etc.) are free from leaks. | ITP Condition # 8.4 | Entire Project | Permittee | |
| 27 | Road Berms. Permittee shall ensure that all project-specific access roads within the Project Area are free of berms that could impede desert tortoise movement. If road berms currently exist within the Project Area, Permittee shall ensure the berms are less than 12 inches high and have slopes of less than 30 degrees. | ITP Condition #8.5 | Entire Project | Permittee | |
| 28 | Excavation Areas. To prevent injury, mortality, or inadvertent entrapment of Covered Species, Permittee shall ensure all excavated areas (e.g., trenches, bore holes, pits, etc.) are covered, backfilled, fenced, or are monitored while not actively in use. Short-term (1 week or less) excavated areas could be fenced using un-trenched barrier fencing or L-shaped fencing. The bottom of the L-shaped fence would be covered with soil or sandbags to prevent entry. If excavated areas will remain overnight, or for extended periods (e.g., weekends, holidays, etc.), the Biological Monitor(s) or Authorized Biologist(s) shall ensure the excavated area is securely covered, and free of any gaps or opening that could allow wildlife to enter and become trapped. The Biological Monitor(s) or Authorized Biologist(s) shall inspect all open holes and trenches for trapped animals at the beginning, middle, and end of each day, and before holes or trenches are filled. | ITP Condition #8.6 | Entire Project | Permittee | |
| 29 | Delineation of Project Areas. Before starting Covered Activities, Permittee shall clearly delineate the boundaries of the Project Area with fencing, stakes, or flags. Permittee shall restrict all Covered Activities to within the fenced, staked, or flagged areas. Permittee shall maintain all fencing, stakes, and flags until the completion of Covered Activities in that area. | ITP Condition # 8.7 | Before commencing ground- or vegetation-disturbing activities / Entire Project | Permittee | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
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| 30 | Temporary Desert Tortoise Exclusion Fencing. The Permittee shall submit a Temporary Desert Tortoise Exclusion Fencing Plan detailing the anticipated location of exclusionary fencing, timeframe in which fencing will remain in place, criteria considered when choosing to fence/not fence, monitoring protocol for fenced and unfenced areas, and process for fence installation and removal. Once the temporary fence is installed, a clearance survey, as established in Condition of Approval 8.13 of the ITP shall be conducted prior to start of Covered Activities. Once Covered Activities are completed in a specific location along the Project Area, the fencing will be removed. The temporary desert tortoise exclusion fencing will be constructed according to USFWS Desert Tortoise Field Manual procedures, or as approved by CDFW and USFWS. Authorized Biologist(s) or Biological Monitor(s) shall be present during the installation and removal of the temporary desert tortoise fence. Fencing may be taken down temporarily to allow for access to the Project Area and to allow for any Covered Activities during the day. While the fence is down, an Authorized Biologist(s) or Biological Monitor(s) shall monitor the opening. Any fencing that is temporarily removed shall be reinstalled at the end of each workday under the supervision of the Authorized Biologist(s) or Biological Monitor(s). All exclusionary fencing shall be inspected a minimum of three times per day (once each morning prior to the start of construction, once mid-day, and once at the end of the workday after work has ceased). If any fencing is found down or damaged, the fence shall be reinstalled and/or repaired, and a clearance survey, as established in Condition of Approval 8.13 of the ITP shall be conducted prior to continuing Covered Activities. The Temporary Desert Tortoise Exclusion Fencing Plan shall be provided to CDFW for review no fewer than 30 days prior to the initiation of Covered Activities. | ITP Condition # 8.8 | Before commencing ground- or vegetation-disturbing activities / Entire Project | Permittee | |
| 31 | Vehicular Traffic Restrictions. Permittee shall restrict Project-related vehicle traffic to the Project Areas established in the ITP, including existing roads, staging, and parking areas, and established construction areas. Permittee shall not cross Covered Species' habitat outside of or in route to the Project Areas. Permittee shall ensure vehicle speed along Project routes and existing access roads does not exceed 15 miles per hour (mph) when in Covered Species habitat. Permittee shall clearly mark speed limits and inform all Project personnel of these limits. Consistent with Project safety and security protocols, landowner preferences, and any other applicable regulations or requirements, Project personnel shall close and secure existing gates on Project access roads when entering or leaving an area. | ITP Condition # 8.9 | Entire Project | Permittee | |
| 32 | Vehicle Inspection. Project personnel shall inspect for Covered Species under vehicles and equipment before moving the vehicles and equipment. If a Covered Species is present, Project personnel shall contact a Biological Monitor and wait for the Covered Species to move unimpeded to a safe location or an Authorized Biologist shall relocate the Covered Species following handling procedures set forth in the ITP before moving vehicles and equipment. | ITP Condition # 8.10 | Entire Project | Permittee | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
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| 33 | Covered Species Observations. If Project personnel encounter a Covered Species in or within 50 feet of the active construction work area, the Permittee shall immediately stop all work in the area, once it is safe to do so, and contact a Biological Monitor or Authorized Biologist. The Biological Monitor or Authorized Biologist shall allow the Covered Species to escape unimpeded or the Authorized Biologist may relocate the Covered Species as described in the ITP. Permittee shall not resume work until the Authorized Biologist has relocated the animal or allowed it to move outside the Project Area on its own. If the Covered Species requires handling, the Biological Monitor shall halt Project-related activities and immediately notify the Authorized Biologist. Project activities may not resume until the Covered Species has moved, on its own accord, out of harm's way, or until the Authorized Biologist has relocated the Covered Species following handling procedures set forth in the ITP. | ITP Condition # 8.11 | Entire Project | Permittee | |
| 34 | Pre-Activity Survey. Due to the nature of the Project, Covered Activities will commence at various locations within the Project Area at different times throughout out the Project term. As such, the Biological Monitor(s) or Authorized Biologist(s) shall conduct pre-construction surveys within each individual Project work area no more than 7 days prior to initiating Covered Activities to determine potential presence of the Covered Species. These surveys shall cover 100 percent of each individual Project location and a 300-foot buffer zone. The Biological Monitor(s) or Authorized Biologist(s) shall follow the survey methodology in the most recent USFWS Desert Tortoise (Mojave Population) Field Manual (hereinafter referred to as USFWS Field Manual). The Biological Monitor(s) or Authorized Biologist(s) shall record all potential desert tortoise burrows and other desert tortoise sign within the pre-construction survey area, using high-accuracy global positioning system (GPS) technology. The Biological Monitor(s) or Authorized Biologist(s) shall provide the results of the pre-construction survey (using the USFWS Protocol data sheet) to CDFW within 5 days of completing the surveys. | ITP Condition # 8.12 | Entire Project | Permittee | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
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| 35 | <p>Pre-Construction Sweep/Clearance Survey. Immediately prior to the start of ground disturbing activities within each Project work area, the Biological Monitor(s) or Authorized Biologist(s) shall conduct pre-construction clearance surveys for desert tortoise, using the methods described in the most USFWS Field Manual. In addition to the guidance provided in the USFWS Field Manual, Permittee shall also implement the following requirement(s):</p> <p>The Biological Monitor(s) or Authorized Biologist(s) shall survey the entirety of each Project work area, and its associated access routes, and shall inspect all suitable burrows for habitation. If burrow excavation or handling of the Covered Species is required, the Field Contact Representative(s) shall contact the Authorized Biologist(s). Only an Authorized Biologist shall excavate burrows, handle, and relocate the Covered Species. If occupied burrows are identified, Permittee shall follow all excavation, handling, relocation, monitoring, and reporting measures set forth in the ITP.</p> <p>These surveys shall cover 100 percent of the Project work area and a 50-foot buffer zone. The Biological Monitor(s) or Authorized Biologist(s) shall record all potential Covered Species and burrows within the pre-construction clearance survey area, using high-accuracy (< 1 meter) GPS technology. The Biological Monitor(s) or Authorized Biologist(s) shall provide the results of the pre-construction clearance survey (including data consistent with the USFWS Protocol data sheet) to CDFW within 10 calendar days of completing the surveys. The use of specialized equipment (e.g., fiber optics) may be necessary to thoroughly inspect all burrows in preparation for collapsing them.</p> | ITP Condition # 8.13 | Before commencing ground- or vegetation-disturbing activities / Entire Project | Permittee | |
| 36 | Ongoing Monitoring. Biological Monitor(s) or Authorized Biologist(s) shall be present at all times while Covered Activities are occurring. Biological Monitor(s) or Authorized Biologist(s) shall continually monitor the perimeter of work areas to ensure any Covered Species nearing the Project Area can move through unharmed and unimpeded. Where Project Areas are fenced, the Biological Monitor(s) or Authorized Biologist(s) shall monitor the fence perimeter to protect Covered Species from exhaustion and mortality due to "fence walking". | ITP Condition # 8.14 | Entire Project | Permittee | |
| 37 | Excavating Burrows. Only the Authorized Biologist(s) may excavate burrows and handle desert tortoise and their eggs. During pre-construction clearance surveys, the Authorized Biologist(s) shall excavate all burrows by hand that cannot be avoided, including burrows not recently used that are considered by the Authorized Biologist(s) to be potentially suitable. The Authorized Biologist(s) shall excavate and then block, collapse, or fence potentially suitable burrows at the time of survey to prevent re-entry by the Covered Species. The Authorized Biologist(s) shall only collapse burrows where Covered Activities would directly impact the burrow. Otherwise, the Authorized Biologist(s) shall leave burrows intact, and temporarily block the entrance to prevent re-entry using appropriate methods. The Authorized Biologist(s) shall complete all burrow excavations in accordance with the USFWS Field Manual. If burrow excavation results in the handling and relocation of Covered Species, the Authorized Biologist(s) shall document and provide a report to CDFW as specified in Condition of Approval 8.20. | ITP Condition # 8.15 | Entire Project | Permittee | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
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| 38 | Desert Tortoise Handling. In the event that the Covered Species, including Covered Species eggs, must be handled and/or relocated, the Authorized Biologist(s) shall follow all procedures/guidelines in the USFWS Field Manual, including, but not limited to, procedures to avoid transmission of diseases and parasites, guidelines for addressing temperature extremes, data collection requirements, and general measures to protect the well-being of the individuals. The Authorized Biologist(s) shall document all instances of handling and relocation and provide the documentation to CDFW as specified in Condition of Approval 8.20. | ITP Condition # 8.16 | Entire Project | Permittee | |
| 39 | Relocation of Desert Tortoise. To the maximum extent practicable, Permittee shall avoid disturbance to, and relocation of, the Covered Species. If any Covered Species are at risk of harm as a result of Covered Activities, the Authorized Biologist(s) shall move the individual(s) out of harm's way and release the individual(s) no more than 1,000 feet from the point of collection for adults and 300 feet for juveniles. The Authorized Biologist(s) shall not relocate the Covered Species to adjacent private property unless the Permittee obtains written permission from the property owner. Covered Species found above ground shall be allowed reasonable time to move out of harm's way on their own accord, and if relocated by the Authorized Biologist(s), shall be released above ground in suitable habitat and conditions. Covered Species found in burrows, especially during the species' less active period, shall be avoided to the extent practicable, as determined by the Authorized Biologist(s). If the Covered Species (including eggs) are found during burrow excavation, the Authorized Biologist(s) shall relocate them to an artificial or unoccupied natural burrow and monitor them until Covered Activities in the area are complete. The Authorized Biologist(s) shall follow all excavation, capture, handling, identification and data collection, relocation, and burrow construction procedures described in the USFWS Field Manual. The Authorized Biologist(s) shall document any relocation efforts and provide a report to CDFW as specified in Condition of Approval 8.20. | ITP Condition # 8.17 | Entire Project | | |
| 40 | Ambient Air Temperature. The Authorized Biologist(s) shall not capture, move, transport, release, or purposefully cause a Covered Species to leave its burrow for any reason when the ambient air temperature is above 95 degrees Fahrenheit (35 degrees Celsius). The Authorized Biologist(s) shall not capture the Covered Species if the ambient air temperature is anticipated to exceed 95 degrees Fahrenheit before handling or processing can be completed. If the ambient air temperature exceeds 95 degrees Fahrenheit during handling or processing, the Authorized Biologist(s) shall keep the Covered Species in a shaded environment with a temperature that does not exceed 95 degrees Fahrenheit and shall not release the animal until ambient air temperature declines to below 95 degrees Fahrenheit. | ITP Condition # 8.18 | Entire Project | | |
| 41 | Desert Tortoise Rehydration. If an individual voids its bladder as a result of handling, the Authorized Biologist(s) shall rehydrate the animal at the location where the animal was captured, or the location where the animal is or will be released by placing it in a tub with a clean plastic disposable liner. The Authorized Biologist(s) shall add water to the lined tub while ensuring that the water level is not higher than the lower jaw. If multiple individuals require rehydration, the Authorized Biologist(s) shall rehydrate each individually for a minimum of 10 to 20 minutes. The Authorized Biologist(s) shall place the lined tub in a quiet protected area during rehydration. | ITP Condition # 8.19 | Entire Project | | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
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| 42 | Desert Tortoise Handling Records. The Authorized Biologist(s) shall maintain a record of all Covered Species handled. This information shall include for each individual: (1) the locations (narrative and maps) and dates of observation, including whether the individual was found above ground or in a burrow; (2) ambient temperature when handled and released; (3) general condition and health of the individual(s), including injuries, state of healing, and whether the individual(s) voided its bladder; (4) identified diagnostic markings (i.e., identification numbers or marked lateral scutes); (5) location moved from and location moved to (using GPS technology), including information on any burrow (natural or artificial) utilized; (6) whether any eggs were discovered and relocated; (7) digital photographs of any individual and eggs handled; and (8) results of ongoing monitoring following the relocation and/or release. The Authorized Biologist(s) shall provide CDFW a written summary of the handling/relocation event, including the information listed above, within 24 hours. | ITP Condition # 8.20 | Entire Project | Permittee | |
| 43 | Desert Tortoise Injury. If Project-related activities injure a Covered Species, the Authorized Biologist shall immediately transport it to a CDFW-approved wildlife rehabilitation or veterinary facility. Permittee shall identify the facility prior to the start of Covered Activities. Permittee shall bear any costs associated with the care or treatment of the injured individual(s). The Permittee, Biological Monitor(s), Authorized Biologist(s), or Field Contact Representative(s) shall notify CDFW of any Covered Species found injured or dead immediately by telephone and e-mail followed by a written incident report as described in Condition of Approval 7.9. Notification shall also include the name of the facility where the animal was taken. | ITP Condition # 8.21 | Entire Project | Permittee | |
| 44 | Cost Estimates. CDFW has estimated the cost of acquisition, protection, and perpetual management of the HM lands and restoration of temporarily disturbed habitat as follows: Land acquisition costs for HM lands identified in Condition of Approval 9.3, estimated at \$3,148/acre for 281 acres: \$884,588. Land acquisitions costs are estimated using local fair market current value for lands with habitat values meeting mitigation requirements; Start-up costs for HM lands, including initial site protection and enhancement costs as described in Condition of Approval 9.3.5, estimated at \$935/acre for 281 acres: \$262,735; Interim management period funding as described in Condition of Approval 9.3.6, estimated at \$1,700/acre for 281 acres: \$477,700; Long-term management funding as described in Condition of Approval 9.4, estimated at \$2,635/acre for 281 acres: \$740,435. Long-term management funding is estimated initially for the purpose of providing Security to ensure implementation of HM lands management. Restoration of on-site temporary effects to Covered Species habitat as described in Condition of Approval 9.5, calculated at \$18,356.27/acre for 124.54 acres: \$2,286,089.87. | ITP Condition # 9.1, 9.1.1, 9.1.2, 9.1.3, 9.1.4, 9.1.5 | Before commencing ground- or vegetation-disturbing activities | | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
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| 45 | <p>Cover Species Credits. Permittee shall purchase 281 acres of Covered Species credits from a CDFW-approved mitigation or conservation bank prior to initiating Covered Activities, or no later than 18 months from the issuance of the ITP if Security is provided pursuant to Condition of Approval 10 below</p> <p>Or</p> <p>Habitat Acquisition and Protection. To provide for the acquisition and perpetual protection and management of the HM lands, the Permittee shall:</p> <p>Fee Title/Conservation Easement. Transfer fee title to the HM lands to CDFW pursuant to terms approved in writing by CDFW. Alternatively, CDFW, in its sole discretion, may authorize a governmental entity, special district, non-profit organization, for-profit entity, person, or another entity to hold title to and manage the property provided that the district, organization, entity, or person meets the requirements of Government Code sections 65965-65968, as amended. If CDFW does not hold fee title to the HM lands, CDFW shall act as grantee for a conservation easement over the HM lands or shall, in its sole discretion, approve a non-profit entity, public agency, or Native American tribe to act as grantee for a conservation easement over the HM lands provided that the entity, agency, or tribe meets the requirements of Civil Code section 815.3. If CDFW does not hold the conservation easement, CDFW shall be expressly named in the conservation easement as a third-party beneficiary. The Permittee shall obtain CDFW written approval of any conservation easement before its execution or recordation. No conservation easement shall be approved by CDFW unless it complies with Government Code sections 65965-65968, as amended, and includes provisions expressly addressing Government Code sections 65966(j) and 65967(e);</p> <p>HM Lands Approval. Obtain CDFW written approval of the HM lands before acquisition and/or transfer of the land by submitting, at least three months before acquisition and/or transfer of the HM lands, a formal Proposed Lands for Acquisition Form (see Attachment 2B) identifying the land to be purchased or property interest conveyed to an approved entity as mitigation for the Project's impacts on Covered Species;</p> <p>HM Lands Documentation. Provide a recent preliminary title report, initial hazardous materials survey report, and other necessary documents (see Attachment 2A). All documents conveying the HM lands and all conditions of title are subject to the approval of CDFW, and if applicable, the Wildlife Conservation Board and the Department of General Services;</p> <p>Land Manager. Designate both an interim and long-term land manager approved by CDFW. The interim and long-term land managers may, but need not, be the same. The interim and/or long-term land managers may be the landowner or another party. Documents related to land management shall identify both the interim and long-term land managers. Permittee shall notify CDFW of any subsequent changes in the land manager within 30 days of the change. If CDFW will hold fee title to the mitigation land, CDFW will also act as both the interim and long-term land manager unless otherwise specified.</p> | ITP Condition # 9.2, 9.3, 9.3.1, 9.3.2, 9.3.3, 9.3.4, 9.3.5, 9.3.6 | Before commencing ground- or vegetation-disturbing activities or within 30 days after the effective date of the ITP if Security is provided . | | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
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| 46 | <p>Start-up Activities. Provide for the implementation of start-up activities, including the initial site protection and enhancement of HM lands, once the HM lands have been approved by CDFW. Start-up activities include, at a minimum: (1) preparing a final management plan for CDFW approval (see https://www.wildlife.ca.gov/Conservation/Planning/Banking/Templates) (2) conducting a baseline biological assessment and land survey report within four months of recording or transfer; (3) developing and transferring Geographic Information Systems (GIS) data if applicable; (4) establishing initial fencing; (5) conducting litter removal; (6) conducting initial habitat restoration or enhancement, if applicable; and (7) installing signage;</p> <p>Interim Management (Initial and Capital). Provide for the interim management of the HM lands. The Permittee shall ensure that the interim land manager implements the interim management of the HM lands as described in the final management plan and conservation easement approved by CDFW. The interim management period shall be a minimum of three years from the date of HM land acquisition and protection and full funding of the Endowment and includes expected management following start-up activities. Interim management period activities described in the final management plan shall include fence repair, continuing trash removal, site monitoring, and vegetation and invasive species management. Permittee shall either (1) provide a security to CDFW for the minimum of three years of interim management that the land owner, Permittee, or land manager agrees to manage and pay for at their own expense, (2) establish an escrow account with written instructions approved in advance in writing by CDFW to pay the land manager annually in advance, or (3) establish a short-term enhancement account with CDFW or a CDFW-approved entity for payment to the land manager.</p> | ITP Condition # 9.3.5, 9.3.6 | Before commencing ground- or vegetation-disturbing activities or within 30 days after the effective date of the ITP if Security is provided . | Permittee | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
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| 47 | <p>Endowment Fund. If the Permittee will permanently protect and perpetually manage compensatory habitat as described in Condition of Approval 9.3, The Permittee shall ensure that the HM lands are perpetually managed, maintained, and monitored by the long-term land manager as described in the ITP, the conservation easement, and the final management plan approved by CDFW. After obtaining CDFW approval of the HM lands, Permittee shall provide long-term management funding for the perpetual management of the HM lands by establishing a long-term management fund (Endowment). The Endowment is a sum of money, held in a CDFW-approved fund that provides funds for the perpetual management, maintenance, monitoring, and other activities on the HM lands consistent with the management plan(s) required by Condition of Approval 9.3.5. Endowment as used in the ITP shall refer to the endowment deposit and all interest, dividends, other earnings, additions, and appreciation thereon. The Endowment shall be governed by the ITP, Government Code sections 65965-65968, as amended, and Probate Code sections 18501-18510, as amended.</p> <p>After the interim management period, Permittee shall ensure that the designated long-term land manager implements the management and monitoring of the HM lands according to the final management plan. The long-term land manager shall be obligated to manage and monitor the HM lands in perpetuity to preserve their conservation values in accordance with the ITP, the conservation easement, and the final management plan. Such activities shall be funded through the Endowment.</p> <p>Identify an Endowment Manager. The Endowment shall be held by the Endowment Manager, which shall be either CDFW or another entity qualified pursuant to Government Code sections 65965-65968, as amended. Permittee shall submit to CDFW a written proposal that includes: (i) the name of the proposed Endowment Manager; (ii) whether the proposed Endowment Manager is a governmental entity, special district, nonprofit organization, community foundation, or congressionally chartered foundation; (iii) whether the proposed Endowment Manager holds the property or an interest in the property for conservation purposes as required by Government Code section 65968(b)(1) or, in the alternative, the basis for finding that the Project qualifies for an exception pursuant to Government Code section 65968(b)(2); and (iv) a copy of the proposed Endowment Manager's certification pursuant to Government Code section 65968(e). Within thirty days of CDFW's receipt of Permittee's written proposal, CDFW shall inform Permittee in writing if it determines the proposal does not satisfy the requirements of Fish and Game Code section 2081(b)(4) and, if so, shall provide Permittee with a written explanation of the reasons for its determination. If CDFW does not provide Permittee with a written determination within the thirty-day period, the proposal shall be deemed consistent with Section 2081(b)(4).;</p> | ITP Condition # 9.4, 9.4.1, | Before commencing ground- or vegetation-disturbing activities or within 30 days after the effective date of the ITP if Security is provided . | CDFW | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
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| 48 | <p>Calculate the Endowment Funds Deposit. After obtaining CDFW written approval of the HM lands, long-term management plan, and Endowment Manager, Permittee shall prepare a Property Analysis Record (PAR) or PAR-equivalent analysis (hereinafter "PAR") to calculate the amount of funding necessary to ensure the long-term management of the HM lands (Endowment Deposit Amount). The Permittee shall submit to CDFW for review and approval the results of the PAR before transferring funds to the Endowment Manager.</p> <p>Capitalization Rate and Fees. Permittee shall obtain the capitalization rate from the selected Endowment Manager for use in calculating the PAR and adjust for any additional administrative, periodic, or annual fees.</p> <p>Endowment Buffers/Assumptions. Permittee shall include in PAR assumptions the following buffers for endowment establishment and use that will substantially ensure long-term viability and security of the Endowment:</p> <p>10 Percent Contingency. A 10 percent contingency shall be added to each endowment calculation to hedge against underestimation of the fund, unanticipated expenditures, inflation, or catastrophic events.</p> <p>Three Years Delayed Spending. The endowment shall be established assuming spending will not occur for the first three years after full funding.</p> <p>Non-annualized Expenses. For all large capital expenses to occur periodically but not annually such as fence replacement or well replacement, payments shall be withheld from the annual disbursement until the year of anticipated need or upon request to Endowment Manager and CDFW.</p> <p>Transfer Long-term Endowment Funds. Permittee shall transfer the long-term endowment funds to the Endowment Manager upon CDFW approval of the Endowment Deposit Amount identified above. The approved Endowment Manager may pool the Endowment with other endowments for the operation, management, and protection of HM lands for local populations of the Covered Species but shall maintain separate accounting for each Endowment. The Endowment Manager shall, at all times, hold and manage the Endowment in compliance with the ITP, Government Code sections 65965-65968, as amended, and Probate Code sections 18501-18510, as amended.</p> | ITP Condition # 9.4.2, 9.4.2.1, 9.4.2.2, 9.4.2.2.1, 9.4.2.2.2, 9.4.2.2.3, 9.4.3 | Before commencing ground- or vegetation-disturbing activities or within 30 days after the effective date of the ITP if Security is provided . | Permittee | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
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| 49 | Habitat Restoration. Permittee shall prepare and implement a Habitat Restoration and Revegetation Plan (HRRP) to address the 124.54 acres of Covered Species habitat temporarily disturbed by the Project (hereinafter, collectively referred to as "Restoration Areas"). The HRRP must provide detailed information regarding the revegetation and/or restoration of the temporarily disturbed areas, including: (1) the locations of the Restoration Areas (using maps and GIS shapefile); (2) revegetation methods (e.g., natural revegetation, topsoil salvage and redistribution, reseeding, planting); (3) site preparation techniques (e.g., decompaction, recontouring); (4) application and/or installation methods for plant materials; (5) native plant and seed palette; (6) maintenance and monitoring protocol, including schedules, timelines, and data collection methods; (7) species- or community-specific habitat restoration and revegetation goals, objectives, and quantitative success criteria; (8) contingency measures to be implemented in the event the success criteria are not being met; and (9) an outline of the data/results to be reported annually to CDFW. The HRRP shall be provided to CDFW for review and approval no fewer than 30 days prior to the initiation of Covered Activities. Implementation of the HRRP shall occur as phased project activities are completed, and within 30 days of the overall project completion. | ITP Condition # 9.5 | Post-construction and after completion of mitigation | Permittee | |
| 50 | Performance Security: The Permittee may proceed with Covered Activities only after the Permittee has ensured funding (Security) to complete any activity required by Condition of Approval 9 that has not been completed before Covered Activities begin. Permittee shall provide Security as follows: | ITP Condition # 10 | Before commencing ground- or vegetation-disturbing activities or within 30 days after the effective date of the ITP if Security is provided . | | |
| 51 | Security Amount. The Security shall be in the amount of \$4,651,547.87, which includes \$2,289,089.87 for Habitat Restoration costs and \$2,362,458.00 for the acquisition, protection and perpetual management of HM lands or Covered Species Credits from a CDFW-approved mitigation or conservation bank. If the Covered Species Credits are purchased prior to the start of Covered Activities, the security amount shall only be for the Habitat Restoration cost. This amount is based on the cost estimates identified in Condition of Approval 9.1 above. | ITP Condition # 10.1 | Before commencing ground- or vegetation-disturbing activities or within 30 days after the effective date of the ITP if Security is provided . | CDFW | |
| 52 | Security Amount. The Security shall be in the form of an irrevocable letter of credit (see Attachment 2) or another form of Security approved in advance in writing by CDFW's Office of the General Counsel. | ITP Condition # 10.2 | Before commencing ground- or vegetation-disturbing activities or within 30 days after the effective date of the ITP if Security is provided . | | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
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| 53 | Security Timeline. The Security shall be provided to CDFW before Covered Activities begin or within 30 days after the effective date of the ITP, whichever occurs first. | ITP Condition # 10.3 | Before commencing ground- or vegetation-disturbing activities or within 30 days after the effective date of the ITP if Security is provided . | | |
| 54 | The Security shall be held by CDFW or in a manner approved in advance in writing by CDFW. | ITP Condition # 10.4 | Before commencing ground- or vegetation-disturbing activities or within 30 days after the effective date of the ITP if Security is provided . | | |
| 55 | If CDFW holds the Security, Permittee shall transmit it to CDFW with a completed Mitigation Payment Transmittal Form (see Attachment 3) or by way of an approved instrument such as escrow, irrevocable letter of credit, or other. | ITP Condition # 10.5 | Before commencing ground- or vegetation-disturbing activities or within 30 days after the effective date of the ITP if Security is provided . | | |
| 56 | The Security shall allow CDFW to draw on the principal sum if CDFW, in its sole discretion, determines that the Permittee has failed to comply with the Conditions of Approval of the ITP. | ITP Condition # 10.6 | Before commencing ground- or vegetation-disturbing activities or within 30 days after the effective date of the ITP if Security is provided . | | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
|----|--|----------------------|--|-------------------|--------------------------|
| 57 | <p>The Security (or any portion of the Security then remaining) shall be released to the Permittee after CDFW has conducted an on-site inspection and received confirmation that all secured requirements have been satisfied, as evidenced by:</p> <ul style="list-style-type: none"> • Written documentation of the acquisition of the HM lands or Covered Species credits; • Copies of all executed and recorded conservation easements; • Written confirmation from the approved Endowment Manager of its receipt of the full Endowment; • The successful restoration of all temporary impacts, as established in the HRRP; and • Timely submission of all required reports. <p>Even if Security is provided, the Permittee must complete the required acquisition, protection and transfer of all HM lands and record any required conservation easements no later than 18 months from the effective date of the ITP. CDFW may require the Permittee to provide additional HM lands and/or additional funding to ensure the impacts of the taking are minimized and fully mitigated, as required by law, if the Permittee does not complete these requirements within the specified timeframe.</p> | ITP Condition # 10.7 | Before commencing ground- or vegetation-disturbing activities or within 30 days after the effective date of the ITP, whichever occurs first. | | |

ATTACHMENT 2A
DEPARTMENT OF FISH AND WILDLIFE
HABITAT MANAGEMENT LAND ACQUISITION PACKAGE CHECKLIST FOR PROJECT APPLICANTS

The following checklist is provided to inform you of what documents are necessary to expedite the Department of Fish and Wildlife (CDFW) processing of your Habitat Management Land acquisition proposal. Any land acquisition processing requests which are incomplete when received, will be returned. The Region contact will review and approve the document package and forward it to the Habitat Conservation Planning Branch Senior Land Agent with a request to process the land acquisition for formal acceptance.

To: _____
Regional Manager, Region Name

From: _____
Project Applicant

Phone: _____

Tracking #: _____
CDFW assigned permit or agreement #

Project Name: _____

Enclosed is the complete package for the ☐ Conservation Easement OR ☐ Grant Deed

Documents in this package include:

☐ Fully executed, approved as to form Conservation Easement Deed or Grant Deed with legal description stamped by a licensed surveyor. Date executed: _____

☐ Proposed Lands for Acquisition Form (PLFAF)

☐ Phase I Environmental Site Assessment Report Date on report: _____
(An existing report may be used, but it must be less than two years old.)

☐ Preliminary Title Report(s) for subject property is enclosed and has been reviewed for Encumbrances, including severed mineral estates, and other easements. The title report must be less than six months old when final processing is conducted.

Included are additional documents:

☐ document(s) to support title exceptions

☐ document(s) to explain title encumbrances

☐ a plot or map of easements/encumbrances on the property

☐ Policy of Title Insurance (an existing title policy is not acceptable)

☐ County Assessor Parcel Map(s) for subject property

☐ Site Location Map (Site location with property boundaries outline on a USGS 1:24,000 scale topo)

☐ Final Permit or Agreement (or other appropriate instrument)

Type of agreement: ☐ Bank Agreement ☐ Mitigation Agreement

☐ Permit _____ Other: _____
(write in type of permit)

☐ Final Management Plan (if required prior to finalizing permit or agreement or if this package is for a Grant Deed)

☐ Biological Resources Report

☐ Draft Summary of Transactions ☐ hard copy ☐ electronic copy (both are required)



**CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE
PROPOSED LANDS FOR ACQUISITION FORM ("PLFAF")**

Date: _____

TO: Regional Representative

Facsimile:

FROM: _____

Applicant proposes that the following parcel(s) of land be considered for approval by the California Department of Fish and Wildlife as suitable for purposes of habitat management lands to compensate the adverse environmental impacts of the Project:

| <u>Section(s)</u> | <u>Township</u> | <u>Range</u> | <u>County</u> | <u>Acres</u> |
|-------------------|-----------------|--------------|---------------|--------------|
|-------------------|-----------------|--------------|---------------|--------------|

| | | | | |
|-------|-------|-------|-------|-------|
| _____ | _____ | _____ | _____ | _____ |
|-------|-------|-------|-------|-------|

Current Legal Owner(s), of the surface and mineral estates, include Assessor's Parcel Number(s):

General Description of Location of Parcel(s):

Land Value: \$

For Region Use Only

APPROVED ____

By: _____
Regional Manager's Signature

DATE: _____

REJECTED ____

Region: _____

Explanation: _____



**CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE
PROPOSED LANDS FOR ACQUISITION FORM ("PLFAF")**

Date: _____

TO: Regional Representative

Facsimile:

FROM: _____

Applicant proposes that the following parcel(s) of land be considered for approval by the California Department of Fish and Wildlife as suitable for purposes of habitat management lands to compensate the adverse environmental impacts of the Project:

| <u>Section(s)</u> | <u>Township</u> | <u>Range</u> | <u>County</u> | <u>Acres</u> |
|-------------------|-----------------|--------------|---------------|--------------|
| _____ | _____ | _____ | _____ | _____ |

Current Legal Owner(s), of the surface and mineral estates, include Assessor's Parcel Number(s):

General Description of Location of Parcel(s):

Land Value: \$

For Region Use Only

APPROVED ____

By: _____
Regional Manager's Signature

DATE: _____

REJECTED ____

Region: _____

Explanation: _____

[Financial institution letterhead]

IRREVOCABLE STANDBY LETTER OF CREDIT
NO. **[number issued by financial institution]**

Issue Date: **[date]**

Beneficiary:

California Department of Fish and Wildlife
Habitat Conservation Planning Branch
Post Office Box 944209
Sacramento, CA 94244-2090
Attn: HCPB Contract Coordinator

Amount: U.S. \$**[dollar number]** **[(dollar amount)]**

Expiry: **[Date]** at our counters

Dear Sirs:

1. At the request and on the instruction of our customer, **[name of applicant]** ("Applicant"), we, **[name of financial institution]** ("Issuer"), hereby establish in favor of the beneficiary, the California Department of Fish and Wildlife ("CDFW"), this irrevocable standby letter of credit ("Credit") in the principal sum of U.S. \$**[dollar number]** **[(dollar amount)]** ("Principal Sum").
2. We are informed this Credit is and has been established for the benefit of CDFW pursuant to the terms of the incidental take permit for the **[name of project]** issued by CDFW to the Applicant on **[date]** (No. **[number]**) ("Permit").
3. We are further informed that pursuant to the Permit, the Applicant has agreed to complete certain mitigation requirements, as set forth in Conditions **[numbers]** in the Permit ("Mitigation Requirements").
4. We are finally informed that this Credit is intended by CDFW and the Applicant to serve as a security device for the performance by the Applicant of the Mitigation Requirements.
5. CDFW shall be entitled to draw upon this Credit only by presentation of a duly executed Certificate for Drawing ("Certificate") in the same form as Attachment A, which is attached hereto, at our office located at **[name and address of financial institution]**.

6. The Certificate shall be completed and signed by an “Authorized Representative” of CDFW as defined in paragraph 12 below. Presentation by CDFW of a completed Certificate may be made in person or by registered mail, return receipt requested, or by overnight courier.
7. Upon presentation of a duly executed Certificate as above provided, payment shall be made to CDFW, or to the account of CDFW, in immediately available funds, as CDFW shall specify.
8. If a demand for payment does not conform to the terms and conditions of this Credit, we shall give CDFW prompt notice that the demand for payment was not effected in accordance with the terms and conditions of this Credit, state the reasons therefore, and await further instruction.
9. Upon being notified that the demand for payment was not effected in conformity with the Credit, CDFW may correct any such non-conforming demand for payment under the terms and conditions stated herein.
10. All drawings under this Credit shall be paid with our funds. Each drawing honored by us hereunder shall reduce, *pro tanto*, the Principal Sum. By paying to CDFW an amount demanded in accordance herewith, we make no representations as to the correctness of the amount demanded.
11. This Credit will be cancelled upon receipt by us of Certificate of Cancellation/Reduction, which: (i) shall be in the form of Attachment B, which is attached hereto, and (ii) shall be completed and signed by an Authorized Representative of CDFW, as defined in paragraph 12 below.
12. An “Authorized Representative” shall mean the Director of CDFW; the General Counsel of CDFW; a Regional Manager of CDFW; or the Branch Chief of CDFW’s Habitat Conservation Planning Branch.
13. This Credit shall be automatically extended without amendment for additional periods of one year from the present or any future expiration date hereof, unless at least sixty (60) days prior to any such date, we notify CDFW in writing by registered mail, return receipt requested, or by overnight courier that we elect not to consider this Credit extended for any such period.
14. Communications with respect to this Credit shall be in writing and addressed to us at [***name and address of financial institution***], specifically referring upon such writing to this credit by number. The address for notices with respect to this Credit shall be: (i) for CDFW: Department of Fish and Wildlife, Habitat Conservation Planning Branch, Post Office Box 944209, Sacramento, CA 94244-2090, Attn: HCPB Contract Coordinator; and (ii) for the Applicant: [***name and address of applicant***].

15. This Credit may not be transferred.

16. This Credit is subject to the International Standby Practices 1998 ("ISP 98"). As to matters not covered by the ISP 98 and to the extent not inconsistent with the ISP 98, this credit shall be governed by and construed in accordance with the Uniform Commercial Code, Article 5 of the State of California.

17. This Credit shall, if not canceled, expire on [***expiration date***], or any extended expiration date.

18. We hereby agree with CDFW that documents presented in compliance with the terms of this Credit will be duly honored upon presentation, as specified herein.

19. This Credit sets forth in full the terms of our undertaking. Such undertaking shall not in any way be modified, amended or amplified by reference to any document or instrument referred to herein or in which this Credit is referred to or to which this Credit relates and any such reference shall not be deemed to incorporate herein by reference any document or instrument.

[*Name of financial institution*]

By: _____

Name: _____

Title: _____

Telephone: _____

ATTACHMENT A

IRREVOCABLE STANDBY LETTER OF CREDIT NO. [*number issued by financial institution*]
CERTIFICATE FOR DRAWING

To:

[*Name and address of financial institution*]

Re: Incidental Take Permit No. [*permit number*]

The undersigned, a duly Authorized Representative of the California Department of Fish and Wildlife ("CDFW"), as defined in paragraph 12 in the above-referenced Irrevocable Standby Letter of Credit ("Credit"), hereby certifies to the Issuer that:

1. [*Insert one of the following statements:* "In the opinion of CDFW, the Applicant has failed to complete the Mitigation Requirements referenced in paragraph 3 of the Credit." **or** "As set forth in paragraph 13, the Issuer has informed CDFW that the Credit will not be extended and the Applicant has not provided CDFW with an equivalent security approved by CDFW to replace the Credit."]
2. The undersigned is authorized under the terms of the Credit to present this Certificate as the sole means of demanding payment on the Credit.
3. CDFW is therefore making a drawing under the Credit in amount of U.S. \$_____.
4. The amount demanded does not exceed the Principal Sum of the Credit.

Therefore, CDFW has executed and delivered this Certificate as of the ____ day of [*month*], [*year*].

CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE

BY: _____

[*Insert one of the following:* "DIRECTOR" **or** "GENERAL COUNSEL" **or** "REGIONAL MANAGER, [NAME OF REGIONAL OFFICE]" **or** "BRANCH CHIEF, HABITAT CONSERVATION PLANNING BRANCH"]

ATTACHMENT B

IRREVOCABLE LETTER OF CREDIT NO. [**number issued by financial institution**]
CERTIFICATE FOR [**insert either: "CANCELLATION" or "REDUCTION"**]

To:

[**Name of financial institution and address**]

Re: Incidental Take Permit No. [**permit number**]

The undersigned, a duly Authorized Representative of the California Department of Fish and Wildlife ("CDFW"), as defined in the paragraph 12 in the above-referenced Irrevocable Standby Letter of Credit ("Credit"), hereby certifies to the Issuer that:

1. [**Insert one of the following statements:** "The Applicant has presented documentary evidence of full compliance with the Mitigation Requirements referenced in paragraph 3 of the Credit." **or** "The Applicant has presented documentary evidence of compliance with the following Mitigation Requirement[(s)] referenced in paragraph 3 of the Credit: [**insert brief description of requirement(s) or requirement number(s) completed**]." **or** "The Applicant has provided CDFW with an equivalent security approved by CDFW to replace the Credit."]
2. [**Insert one of the following statements:** "CDFW therefore requests the cancellation of the Credit." **or** "CDFW therefore requests a reduction in the Principal Sum in the amount of \$_____, thereby making the new Principal Sum \$_____."]

[**Insert one of the following statements:** "Therefore, CDFW has executed and delivered this Certificate for Cancellation as of the ____ day of [**month**], [**year**]." **or** "Therefore, CDFW has executed and delivered this Certificate for Reduction as of the ____ day of [**month**], [**year**]."]

CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE

BY: _____

[**Insert one of the following:** "DIRECTOR" **or** "GENERAL COUNSEL" **or** "REGIONAL MANAGER, [NAME OF REGIONAL OFFICE]" **or** "BRANCH CHIEF, HABITAT CONSERVATION PLANNING BRANCH"]

State of California - Department of Fish and Wildlife

MITIGATION PAYMENT TRANSMITTAL FORM

DFW 1057 (NEW 07/28/17)

Project Applicant Instructions: Please fill out and attach this form to payment. For conservation banks, also attach the Bill(s) of Sale for credits sold. One form may be used for multiple transactions, **BUT YOU MUST USE A SEPARATE FORM FOR EACH CHECK YOU TRANSMIT.** Make sure to include Project Name, Project Tracking Number, and ASB Mitigation Tracking Number (if available) on the attached payment type.

| | |
|---|--|
| 1. DATE: _____ TO: _____ Regional Manager _____ Region Office Address | 2. FROM: _____ Name _____ Mailing Address _____ City, State, Zip _____ Telephone Number/FAX Number |
| 3. RE: _____ Project Name as appears on permit/agreement | |

4. AGREEMENT/ACCOUNT INFORMATION: (check the applicable type)
☐ 2081 Permit ☐ Conservation Bank ☐ 2835 NCCP ☐ 1802 Agreement ☐ 1600 Agreement ☐ Other _____

 Project Tracking Number
5. PAYMENT TYPE (One check per form only): The following funds are being remitted in connection with the above referenced project:Check information:

Total \$ _____ Check No. _____

Account No. _____ Bank Routing No. _____

a. Endowment: for Long-Term Management Subtotal \$ _____

b. Habitat Enhancement Subtotal \$ _____

c. Security:

1. Cash Refundable Security Deposit Subtotal \$ _____

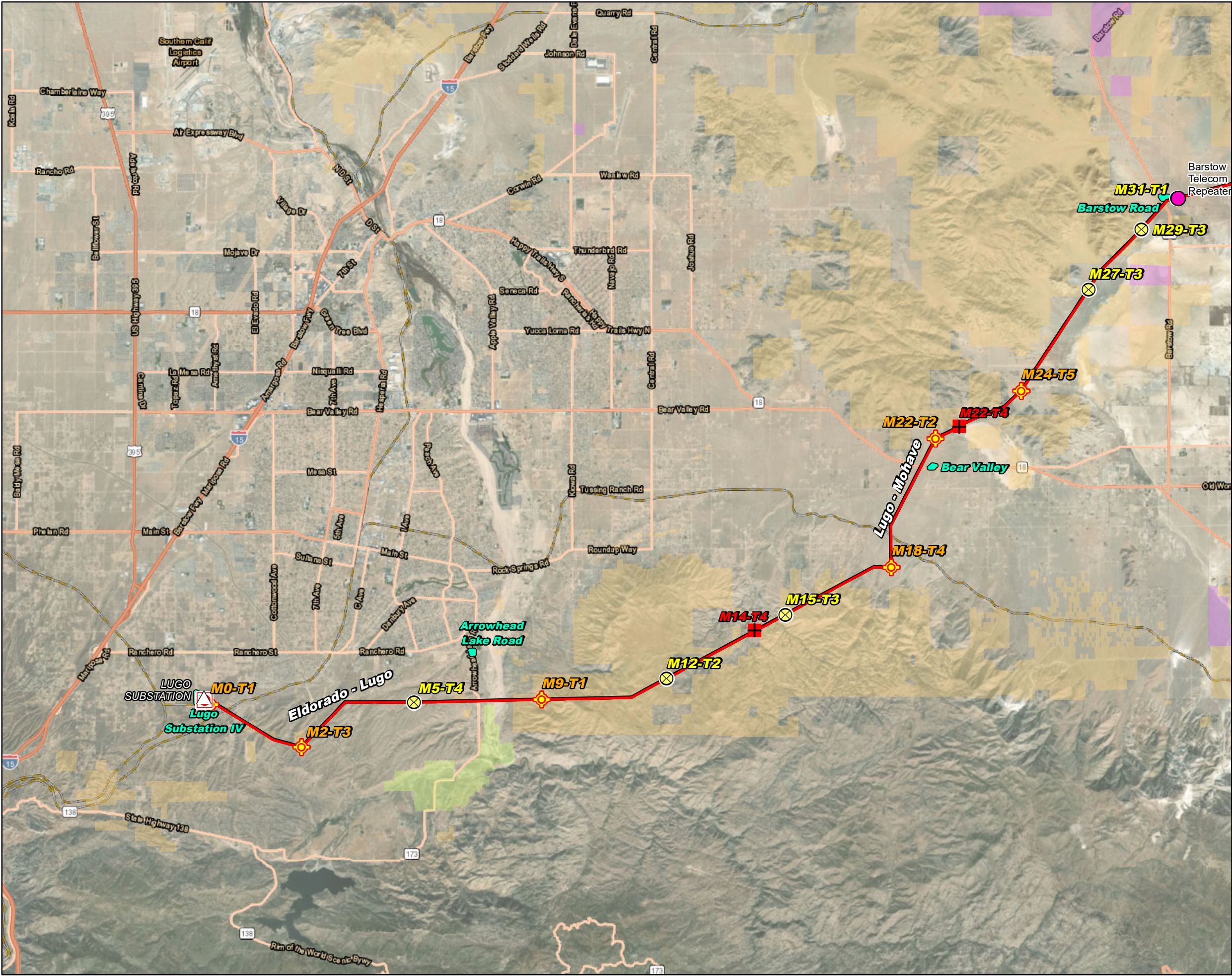
2. Letter of Credit Subtotal \$ _____

1. Financial Institution: _____

2. Letter of Credit Number: _____

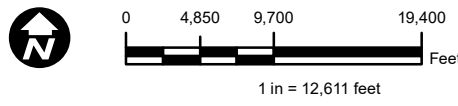
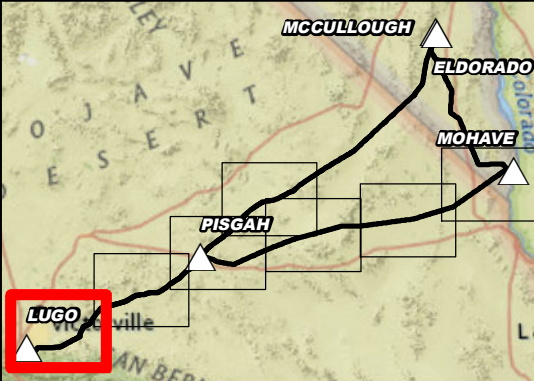
3. Date of Expiration: _____

| ACCOUNTING OFFICE USE ONLY | |
|---|----------------|
| Description | FI\$Cal Coding |
| Speedchart (Project, Program, Reference, Fund) | |
| Reporting Structure | |
| Category | |
| Date Established: _____ By: _____ | |



**ELDORADO LUGO MOHAVE
SERIES CAPACITOR PROJECT
PROJECT STRIPMAPS**

- △ Existing Substation
- Repeater Site
- Transmission Structures**
 - Infraction Tower
 - New
 - ⊗ OPGW Modification Tower
 - ⊕ OPGW Splicing Locations Tower
- Transmission Lines**
 - Existing Transmission Line
 - New OPGW Transmission Line
 - Telecommunication Repeater Sites
 - ▭ Material/Laydown Yards (Temporary)
- Land Ownership**
 - County
 - Other State Park
 - US Bureau of Land Management

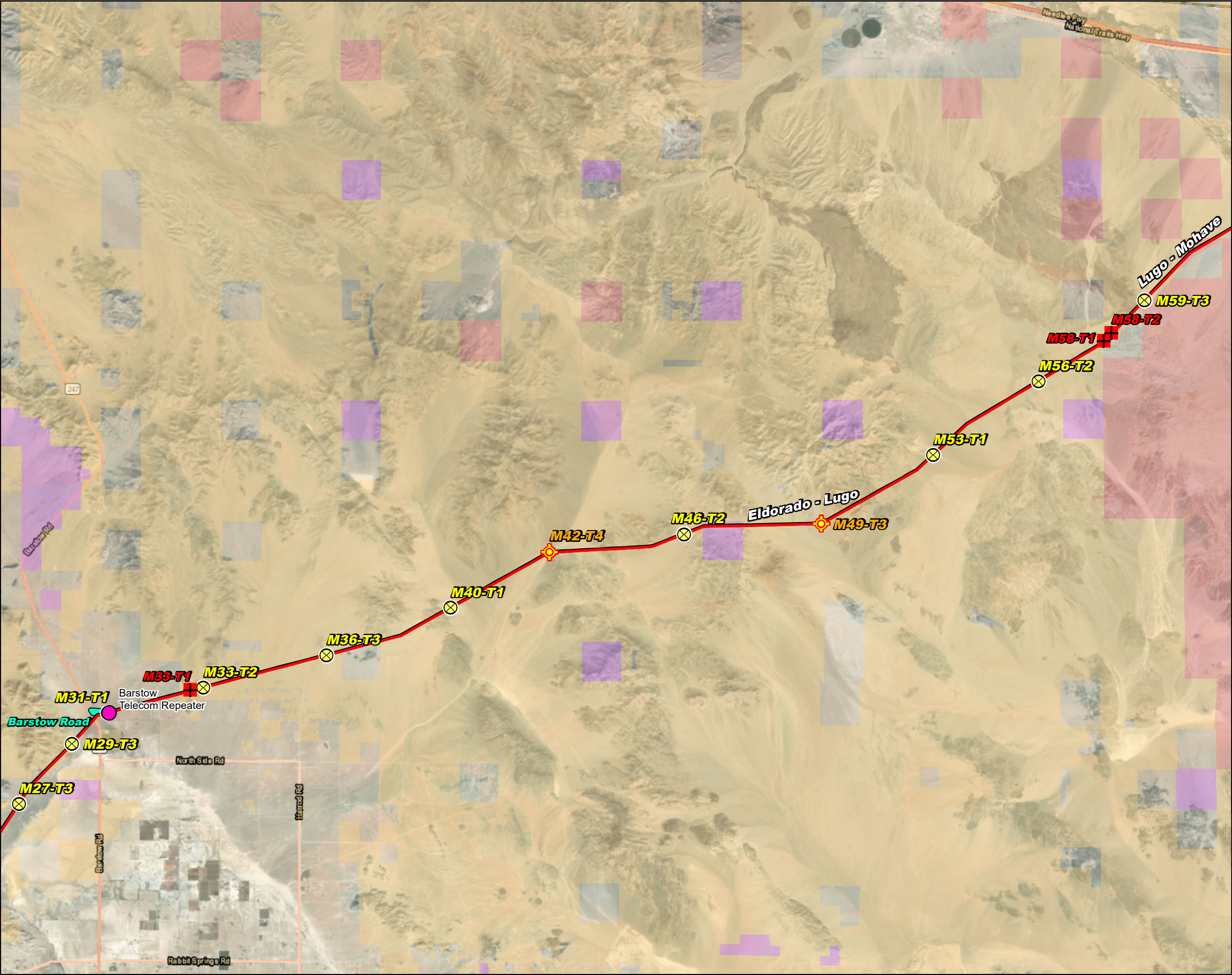


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File Name: Project_Detail.mxd
Version #: 1
Created By: Insignia Environmental
Real Properties Geospatial Analysis

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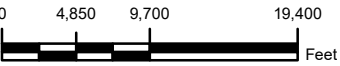
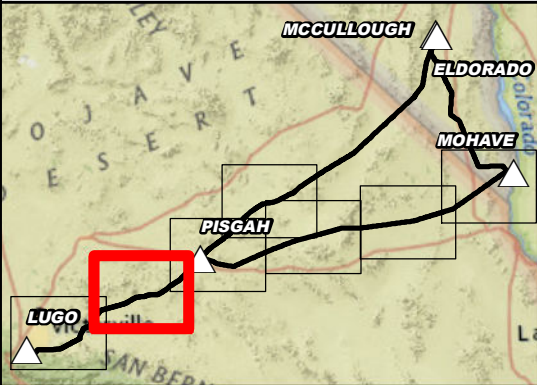
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**ELDORADO LUGO MOHAVE
SERIES CAPACITOR PROJECT
PROJECT STRIPMAPS**

- Repeater Site
- Transmission Structures**
 - Infracore Tower
 - ⊗ OPGW Modification Tower
 - ★ OPGW Splicing Locations Tower
- Transmission Lines**
 - Existing Transmission Line
 - Infracore Transmission Line
 - New OPGW Transmission Line
 - Telecommunication Repeater Sites
 - Material/Laydown Yards (Temporary)
- Land Ownership**
 - Military
 - Other State Park
 - US Bureau of Land Management



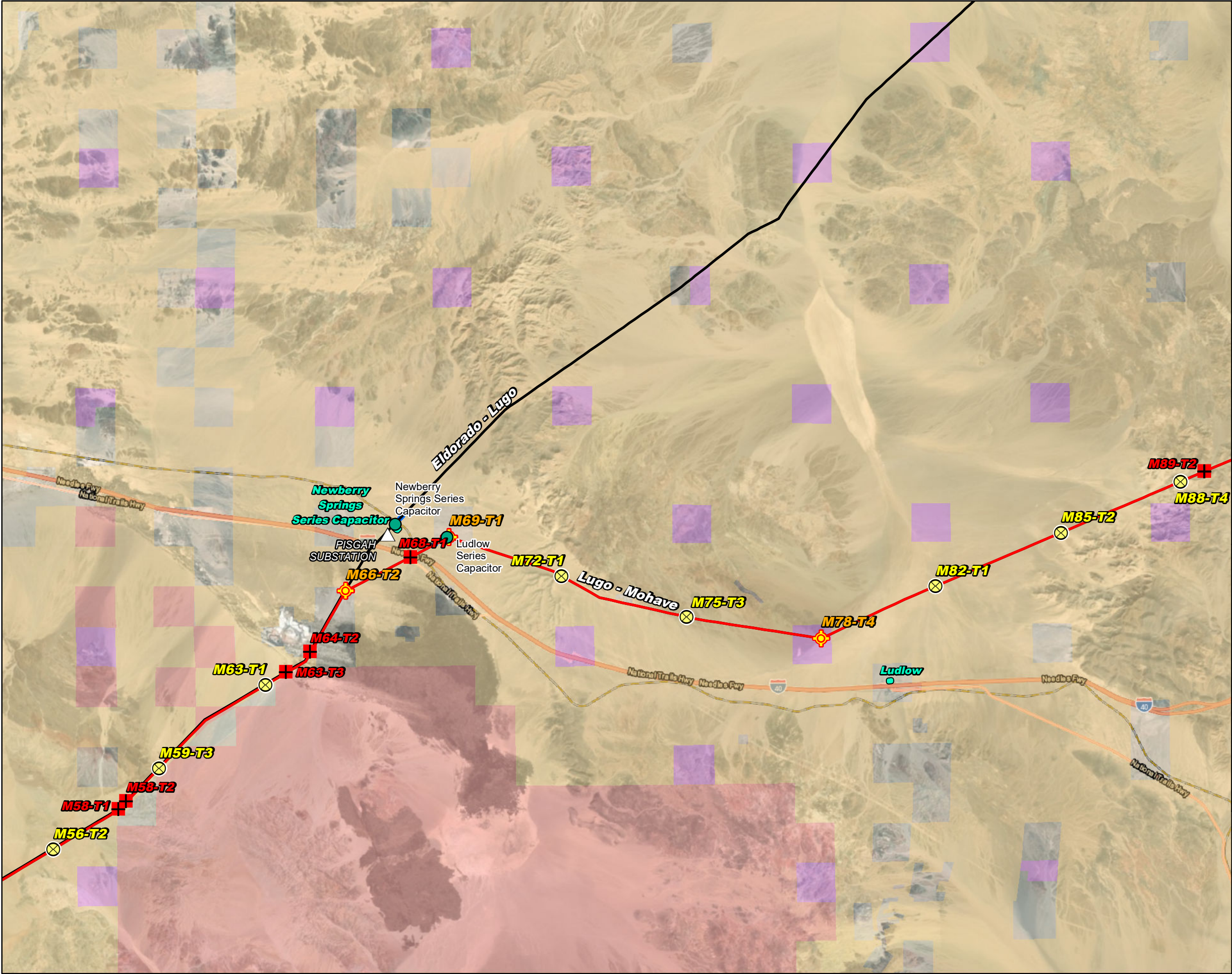
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Date: 3/25/2020
File Name: Project_Detail.mxd
Version #: 1
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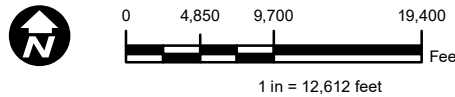
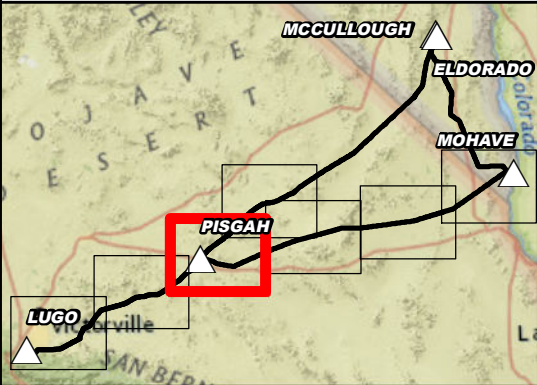
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**ELDORADO LUGO MOHAVE
SERIES CAPACITOR PROJECT
PROJECT STRIPMAPS**

- △ Existing Substation
- Capacitor
- Transmission Structures**
 - Infracore Tower
 - ⊗ OPGW Modification Tower
 - ⊕ OPGW Splicing Locations Tower
- Transmission Lines**
 - Existing Transmission Line
 - Infracore Transmission Line
 - New OPGW Transmission Line
 - ▭ Material/Laydown Yards (Temporary)
- Land Ownership**
 - Military
 - Other State Park
 - US Bureau of Land Management



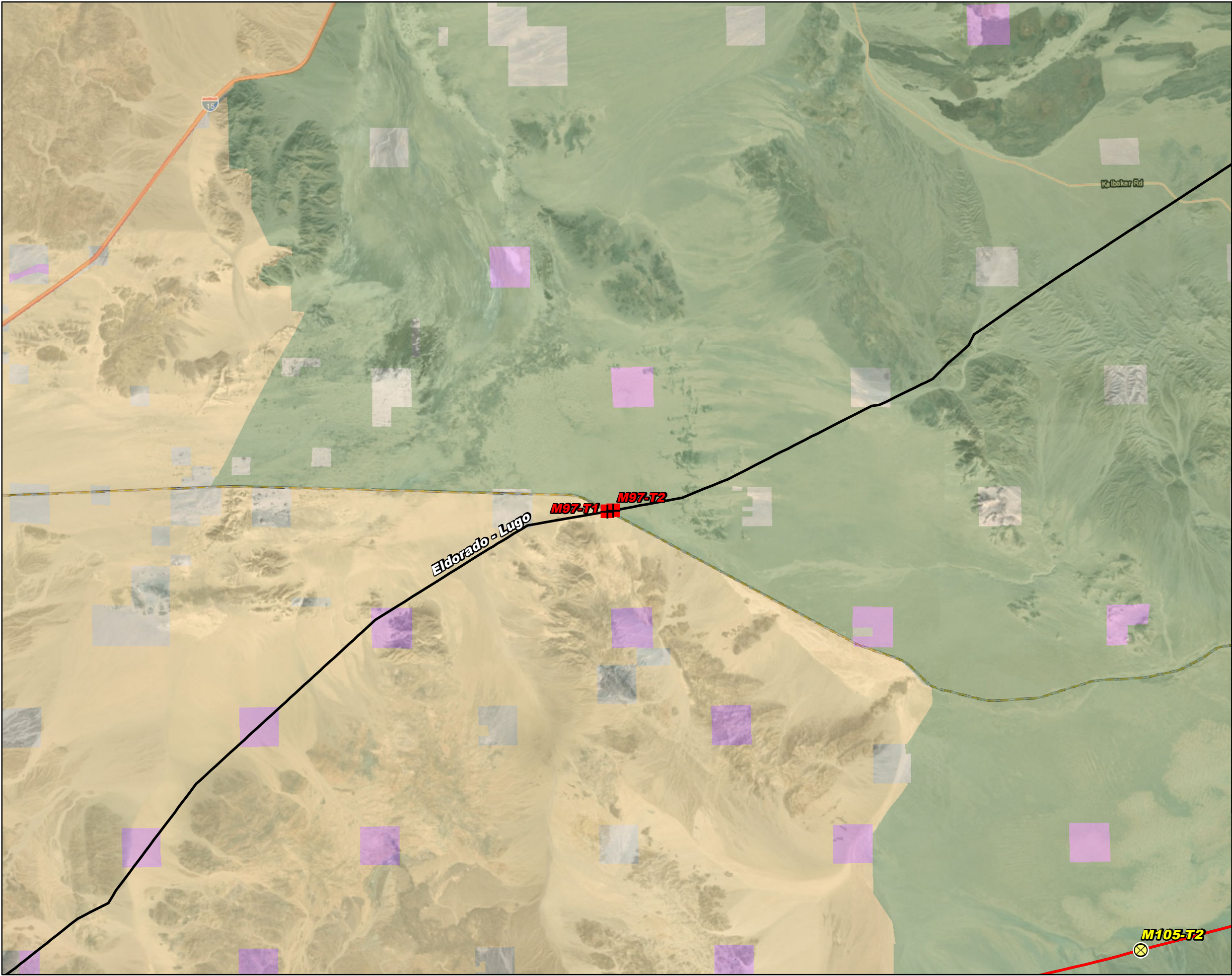
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**ELDORADO LUGO MOHAVE
SERIES CAPACITOR PROJECT**
PROJECT STRIPMAPS




Transmission Structures

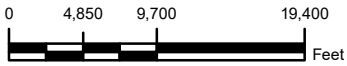
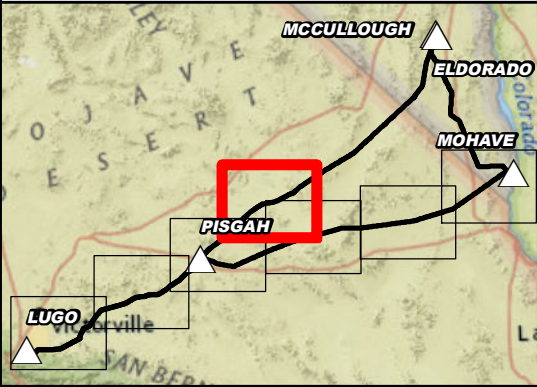
-  Infracor Tower
-  OPGW Modification Tower

Transmission Lines

-  Existing Transmission Line
-  New OPGW Transmission Line

Land Ownership

-  National Park Service
-  Other State Park
-  US Bureau of Land Management



1 in = 12,612 feet

Date: 3/25/2020
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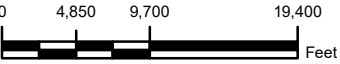
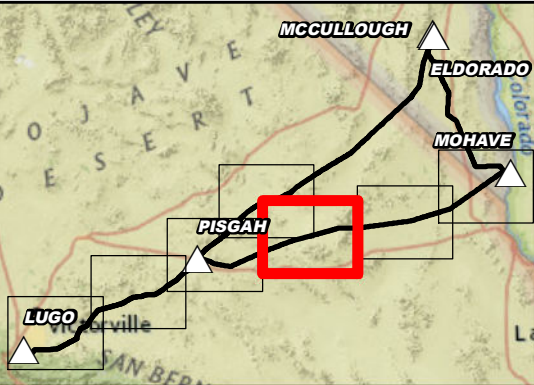
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**ELDORADO LUGO MOHAVE
SERIES CAPACITOR PROJECT
PROJECT STRIPMAPS**

- Repeater Site
- Transmission Structures**
 - Infraction Tower
 - ⊗ OPGW Modification Tower
- Transmission Lines**
 - Existing Transmission Line
 - New OPGW Transmission Line
 - Telecommunication Repeater Sites
- Land Ownership**
 - National Park Service
 - Other State Park
 - US Bureau of Land Management



1 in = 12,613 feet

Date: 3/25/2020
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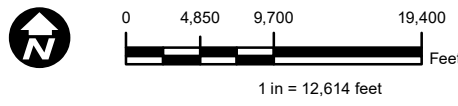
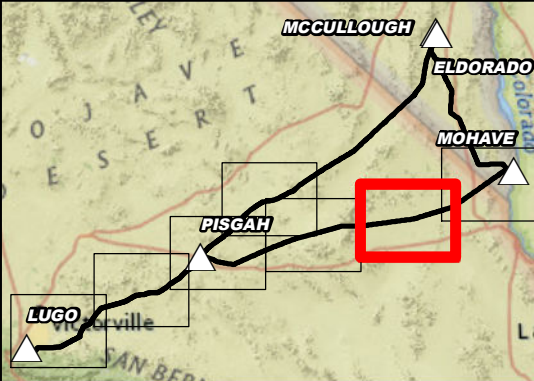


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**ELDORADO LUGO MOHAVE
SERIES CAPACITOR PROJECT
PROJECT STRIPMAPS**

- Repeater Site
- Transmission Structures**
 - OPGW Modification Tower
- Transmission Lines**
 - Existing Transmission Line
 - New OPGW Transmission Line
 - Telecommunication Repeater Sites
 - Material/Laydown Yards (Temporary)
- Land Ownership**
 - National Park Service
 - Other State Park
 - US Bureau of Land Management



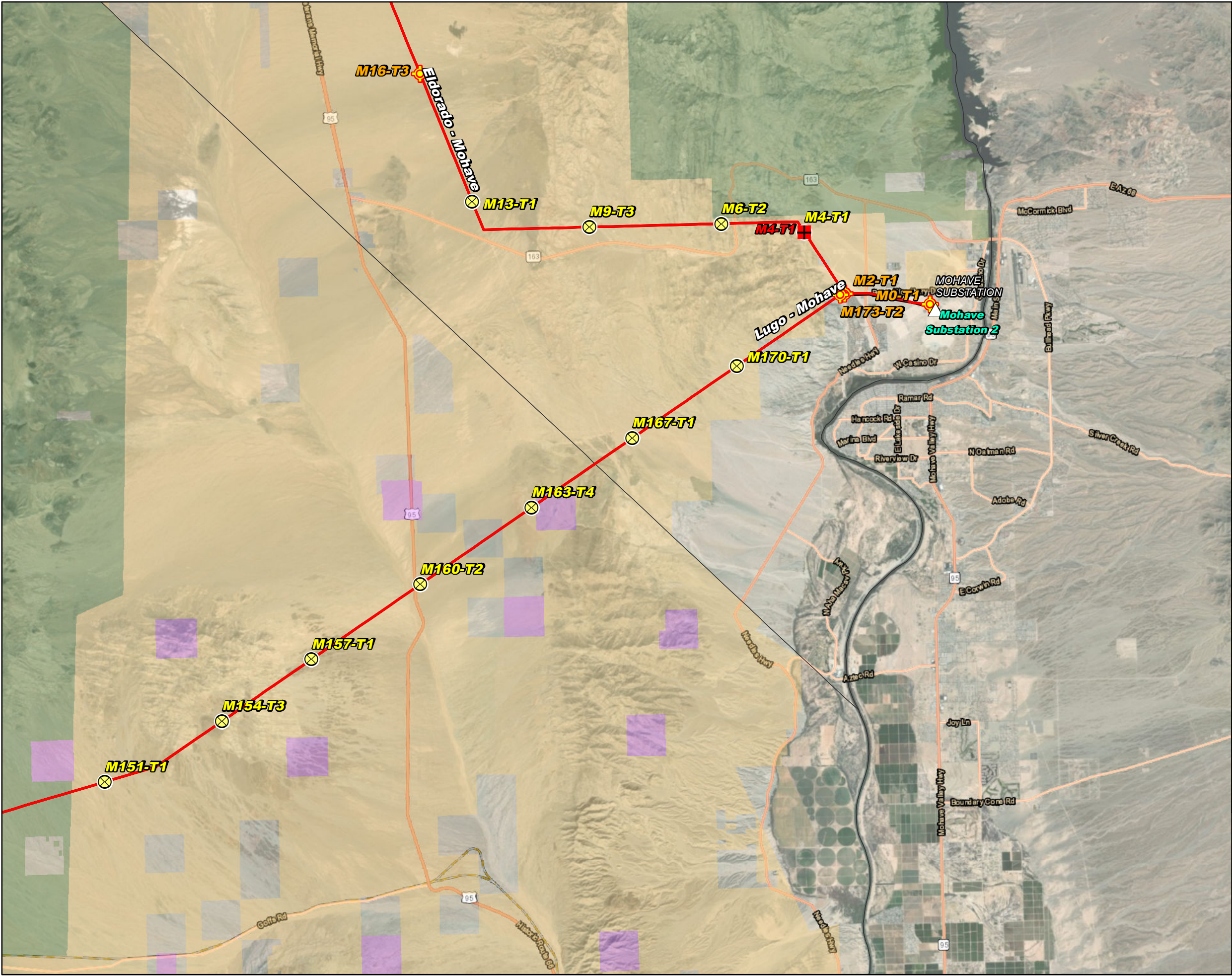
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ELDORADO LUGO MOHAVE SERIES CAPACITOR PROJECT PROJECT STRIPMAPS

△ Existing Substation

Transmission Structures

- Infracore Tower
- ⊗ OPGW Modification Tower
- ⊕ OPGW Splicing Locations Tower

Transmission Lines

- Existing Transmission Line
- New OPGW Transmission Line
- ▭ Material/Laydown Yards (Temporary)

Land Ownership

- National Park Service
- Other State Park
- US Bureau of Land Management

Page 7 of 7

0 4,850 9,700 19,400 Feet
1 in = 12,616 feet

Date: 3/25/2020
File Name: Project_Detail.mxd
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Real Properties Geospatial Analysis

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**SOUTHERN CALIFORNIA
EDISON**
An EDISON INTERNATIONAL® Company

Attachment 5
2081-2018-083-06

**DESERT MANAGERS GROUP
DEPOSIT DOCUMENT**

Please fill out all applicable sections highlighted in blue.

Project Name:

Project Phase (if applicable):

Project Location
(i.e. County, Township, Range,
Section, Base and Meridian):

**Land Ownership
of Project Site:**

Project Proponent:

Permittee/Grantee:

| | | | | |
|--------------------------|--|---|--------------------|---|
| <input type="checkbox"/> | Prior Deposit Document(s) submitted for previous deposit(s) (check and complete, if applicable) | | | |
| | Project Phase: | | Deposit: \$ | |
| | Project Phase: | | Deposit: \$ | |
| | Project Phase: | | Deposit: \$ | |
| | Project Phase: | | Deposit: \$ | |
| | Project Phase: | | Deposit: \$ | |
| | Project Phase: | | Deposit: \$ | |
| | Project Phase: | | Deposit: \$ | |

Attachment 5
2081-2018-083-06

Permitting Agency (check if applicable) and Decision Documents (identify by name, date, and permit #):

FEDERAL AGENCIES

☐ **Bureau of Land Management** (check if applicable)

☐ Check here to confirm that the decision document is attached

Decision Document Name:

Decision Document Date:

Project ID or Tracking #:

☐ **National Park Service** (check if applicable)

☐ Check here to confirm that the decision document is attached

Decision Document Name:

Decision Document Date:

Project ID or Tracking #:

☐ **U.S. Forest Service, San Bernardino National Forest** (check if applicable)

☐ Check here to confirm that the decision document is attached

Decision Document Name:

Decision Document Date:

Project ID or Tracking #:

☐ **U.S. Bureau of Indian Affairs** (check if applicable)

☐ Check here to confirm that the decision document is attached

Decision Document Name:

Decision Document Date:

Project ID or Tracking #:

☐ **U.S. Fish and Wildlife Service** (check if applicable)

☐ Check here to confirm that the decision document is attached

Decision Document Name:

Decision Document Date:

Project ID or Tracking #:

☐ **U.S. Geological Survey** (check if applicable)

☐ Check here to confirm that the decision document is attached

Decision Document Name:

Decision Document Date:

Project ID or Tracking #:

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U.S. DEPARTMENT OF DEFENSE AGENCIES

☐ **Marine Corps Installations West-Marine Corps Base Camp Pendleton**

(check if applicable)

☐ Check here to confirm that the decision document is attached

Decision Document Name:

Decision Document Date:

Project ID or Tracking #:

☐ **Edwards Air Force Base** (check if applicable)

☐ Check here to confirm that the decision document is attached

Decision Document Name:

Decision Document Date:

Project ID or Tracking #:

☐ **Marine Corps Air Ground Combat Center, Twentynine Palms** (check if applicable)

☐ Check here to confirm that the decision document is attached

Decision Document Name:

Decision Document Date:

Project ID or Tracking #:

☐ **Marine Corps Air Station, Yuma** (check if applicable)

☐ Check here to confirm that the decision document is attached

Decision Document Name:

Decision Document Date:

Project ID or Tracking #:

☐ **Marine Corps Logistics Base, Barstow** (check if applicable)

☐ Check here to confirm that the decision document is attached

Decision Document Name:

Decision Document Date:

Project ID or Tracking #:

☐ **National Training Center, Fort Irwin** (check if applicable)

☐ Check here to confirm that the decision document is attached

Decision Document Name:

Decision Document Date:

Project ID or Tracking #:

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☐ **Naval Air Weapons Station, China Lake** (check if applicable)

☐ Check here to confirm that the decision document is attached

Decision Document Name:

Decision Document Date:

Project ID or Tracking #:

STATE OF CALIFORNIA AGENCIES

☐ **California Department of Fish and Wildlife** (check if applicable)

☐ Check here to confirm that the decision document is attached

Decision Document Name:

Decision Document Date:

Project ID or Tracking #:

☐ **California Department of Parks and Recreation** (check if applicable)

☐ Check here to confirm that the decision document is attached

Decision Document Name:

Decision Document Date:

Project ID or Tracking #:

☐ **California Department of Transportation** (check if applicable)

☐ Check here to confirm that the decision document is attached

Decision Document Name:

Decision Document Date:

Project ID or Tracking #:

☐ **California Energy Commission** (check if applicable)

☐ Check here to confirm that the decision document is attached

Decision Document Name:

Decision Document Date:

Project ID or Tracking #:

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COUNTIES - STATE OF CALIFORNIA☐ **Imperial County** (check if applicable)☐ Check here to confirm that the decision document is attached

Decision Document Name:

Decision Document Date:

Project ID or Tracking #:

☐ **Inyo County** (check if applicable)☐ Check here to confirm that the decision document is attached

Decision Document Name:

Decision Document Date:

Project ID or Tracking #:

☐ **Kern County** (check if applicable)☐ Check here to confirm that the decision document is attached

Decision Document Name:

Decision Document Date:

Project ID or Tracking #:

☐ **San Bernardino County** (check if applicable)☐ Check here to confirm that the decision document is attached

Decision Document Name:

Decision Document Date:

Project ID or Tracking #:

Monies Required for Deposit:☐ **Raven Management Sub-Account**

Management Measures

\$

☐ **NFWF Deposit Fee (\$3,000)****Not Applicable****TOTAL DEPOSIT for Project (or Project Phase)**

\$

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**SUB-ACCOUNT AND REQUIRED MEASURE DETAILS:
Raven Management Sub-Account**

Measures:

A. Description of Measure:

| |
|--|
| |
|--|

B. Citation (e.g., page, section, condition number) to Applicable Decision Document(s):

| |
|--|
| |
|--|

C. Implementation Schedule:

| |
|--|
| |
|--|

D. Applicable DMG Agency(ies) with Authority over Implementation of the Measure:

| AGENCY | CONTACT PERSON & INFORMATION |
|--------|------------------------------|
| | |
| | |
| | |
| | |
| | |
| | |

E. Name and contact information for each applicable DMG Agency(ies)' designated DMG Agency Representative for the Sub-Account (if different from the DMG Agency Representative for the DMG Account):

| AGENCY | CONTACT PERSON & INFORMATION |
|--------|------------------------------|
| | |
| | |
| | |
| | |
| | |
| | |

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INFORMATION & INSTRUCTIONS

The Deposit Document is used for internal purposes by the DMG Agencies and NFWF. The Deposit Document is not itself a Decision Document. The following is information and direction with respect to the Deposit Document.

The Deposit Document is to be filled out by the appropriate DMG Agency(ies) staff or depositors, as determined by the DMG Agencies. The DMG Agency staff who takes the lead in preparing the Deposit Document shall coordinate with the other applicable DMG Agency staff, and National Fish and Wildlife Foundation (NFWF) staff prior to finalizing the Deposit Document.

Project Name:

- Identify the name of the permitted project.

Project Phase:

- If the project has been permitted in phases, specify the phase(s) to which this Deposit Document applies.

Project Location:

- Identify the county in which the project is located.
- Provide available information as to township, range, section, and base and meridian.

Land Ownership of Project Site:

- Indicate whether the land on which the permitted project or project phase(s) is located is privately or publicly owned.
- If it is publicly owned, identify the applicable governmental entity.

Permittee/Grantee:

- Identify the name of the permittee/grantee, which also may be known as the project proponent or responsible party.
- If the permittee/grantee is a company that is owned by another company, identify the name of the parent company.

Prior Deposit Documents:

- Check the box if a prior deposit document was submitted for the project. If the box is checked, identify the phase of the project and the total dollar figure of the deposit for which the prior deposit document was submitted. There is space to identify up to six (6) prior deposit documents.

Permitting Agency and Decision Documents:

- Check the box of each permitting agency. This is an agency that has issued a decision document (permit or other authorization) for the project or project phase(s).
- Under the applicable permitting agency, identify the decision document by (1) name; (2) date; (3) permit identification number.

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- Submit with the Deposit Document, a CD or hard copy of each decision document, and indicate by checking the box that the decision document is attached.
- Under the applicable permitting agency, identify the project identification or tracking number. For example, for BLM, this is the “CACA” number. For DFW, this may be an “TTP”, “SAA”, “SCH”, or other number. For the CEC, this is the “Decision” number. For the USFWS, this is the “Permit” or “File” number.

Monies Required for Deposit:

Currently, there is one single subaccount established under the NFWF DMG Mitigation Account. For purposes of the Deposit Document, a subaccount may be referred to as “Account.” The existing Account and the associated NFWF fees are as follows:

1. Raven Management Account
 - a. NFWF Deposit Fee (\$3,000 for the establishment of a single subaccount into which all deposits will be made. This single, one-time deposit fee will satisfy the deposit fee for all depositors, but shall be deducted from the initial deposit into the subaccount at the time of deposit)
 - b. NFWF Annual Fee (greater of 2% or \$1,000 annual)
2. To calculate the “**TOTAL DEPOSIT for Project (or Project Phase),**” enter the amount of the required Raven Management payment. (The NFWF Deposit Fee need not be added to the calculation of any deposit into the Raven Management Account because the single, one-time Deposit Fee shall be deducted from the initial deposit made into the subaccount at the time of the deposit, and it will satisfy the Deposit Fee for all depositors. In addition, the NFWF Annual Fee need not be added to the calculation of the Total Deposit because it is assessed and collected against earned investment income, and to the extent investment income is insufficient, the Annual Fee is assessed against the Account balance.)

Required Measure Details:

- **Raven Management Measures:** These are actions to manage ravens in order to minimize and mitigate impacts to desert tortoise.
- For each listed measure, subsections a-d call for specific information, as follows:
 - Subsection A.: description of the Measure.
 - Subsection B.: citation(s) to the applicable Decision Document(s) requiring the Measure, such as the page, section, and condition number.
 - Subsection C.: identification of the implementation schedule for the Measure so that the deadlines and time periods within which the Measure must be completed are clear.
 - Subsection D.: identification of the applicable DMG Agency(ies) with authority over implementation of the Measure, the name of the agency contact person, and the contact information for the agency person, including phone number and email address.
 - Subsection E.: Name and contact information for each applicable DMG Agency(ies)’ designated DMG Agency Representative for the Sub-Account (if different from the DMG Agency Representative for the DMG Account.

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Submitting the Deposit Document and Funds for Deposit

The Deposit Document may be submitted to NFWF by a DMG Agency separately from, but concurrent with, the Permittee's payment of funds for deposit, or the Deposit Document may be submitted to NFWF by the Permittee together with the payment of funds for deposit.

The funds for deposit may be paid by check or wire:

Deposits by check shall be sent to:

National Fish and Wildlife Foundation,
1133 15th Street, NW, Suite 1000
Washington, D.C. 20005
Attn: Chief Financial Officer

Deposits by wire shall be sent to:

For depositors desiring to send funds to NFWF via electronic funds transfer, the deposit will be made in accordance with wire instructions provided by NFWF in writing at the time of deposit.

All deposits must include a notation identifying the name of the project for which the deposit is being made.

Figure 1

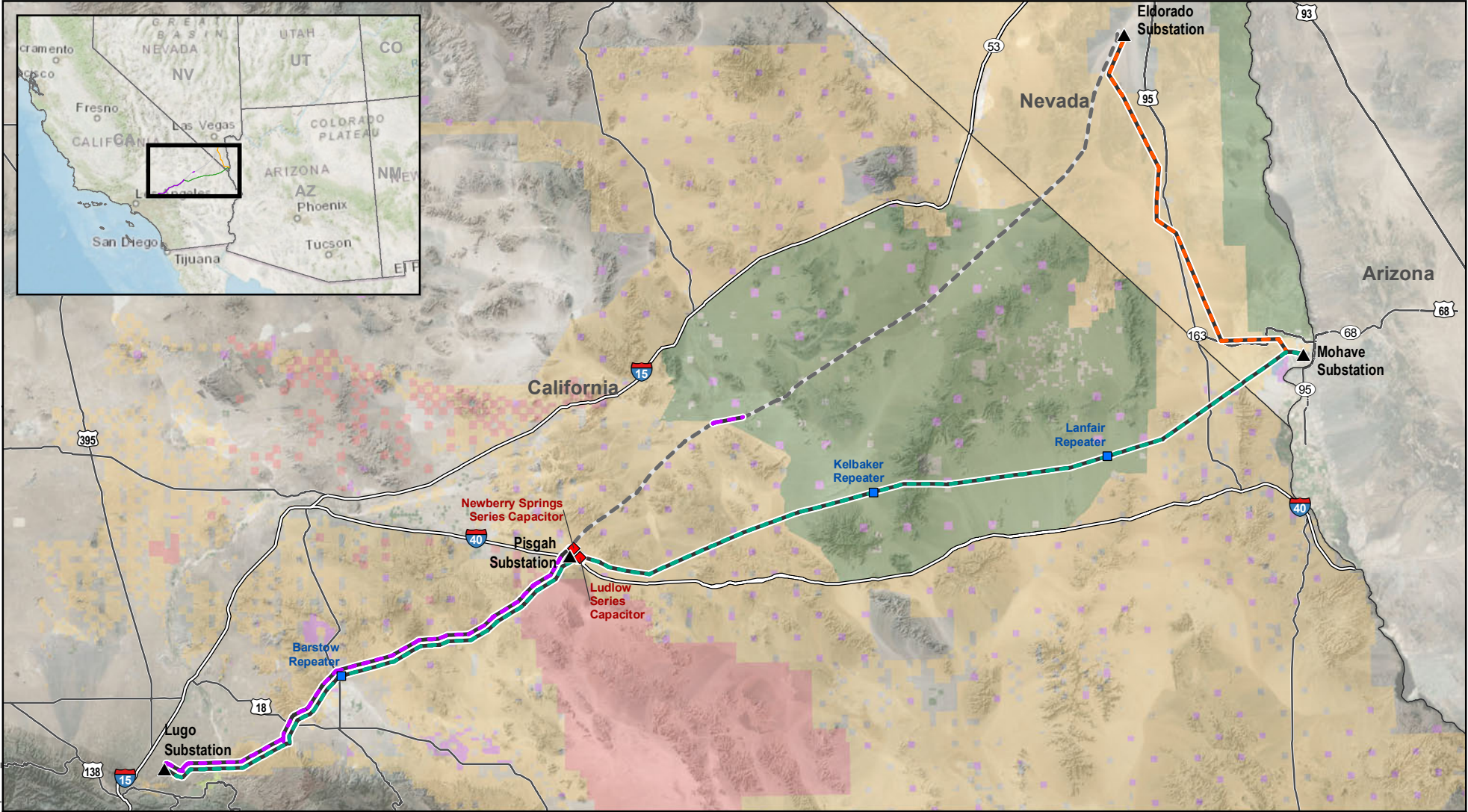


Figure 1: Project Overview Map

Eldorado-Lugo-Mohave Series Capacitor Project

- | | | | | |
|--|--|-----------------------------|-------------------------|----------------------------|
| ▲ Existing Substation | — Eldorado - Lugo, Proposed Work | Land Administration | ■ Military | == Interstate |
| ◆ Proposed Mid-Line Capacitor Location | --- Eldorado - Mohave 500 kV Transmission Line | ■ County Park | ■ National Park Service | — State Highway/US Highway |
| ■ Proposed Fiber Optic Repeater Location | — Lugo - Mohave 500 kV Transmission Line | ■ Bureau of Reclamation | ■ Other State Park | |
| | --- Transmission Outside Project | ■ Bureau of Land Management | | |

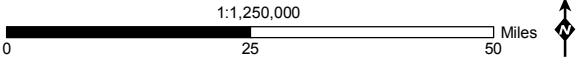
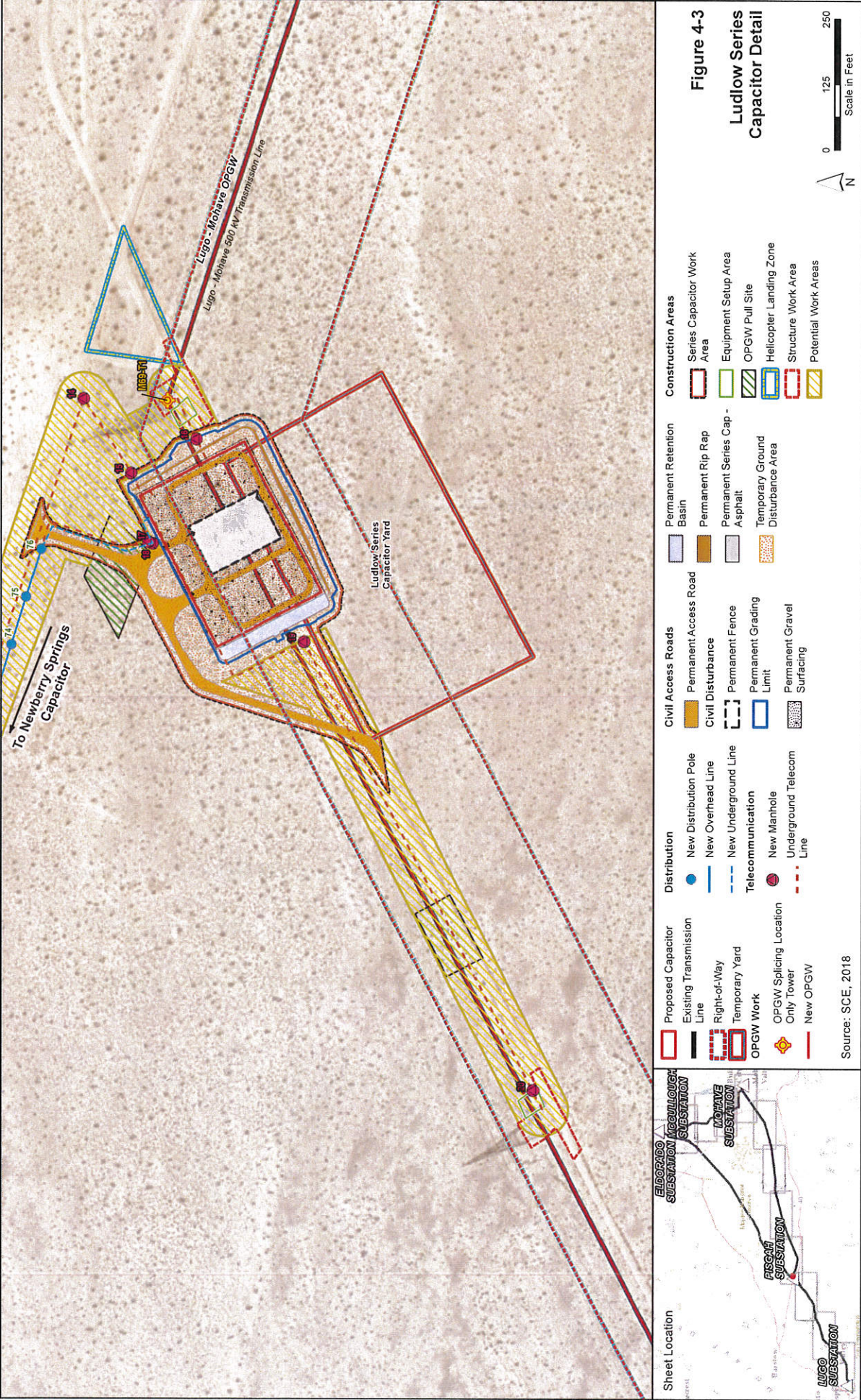


Figure 2



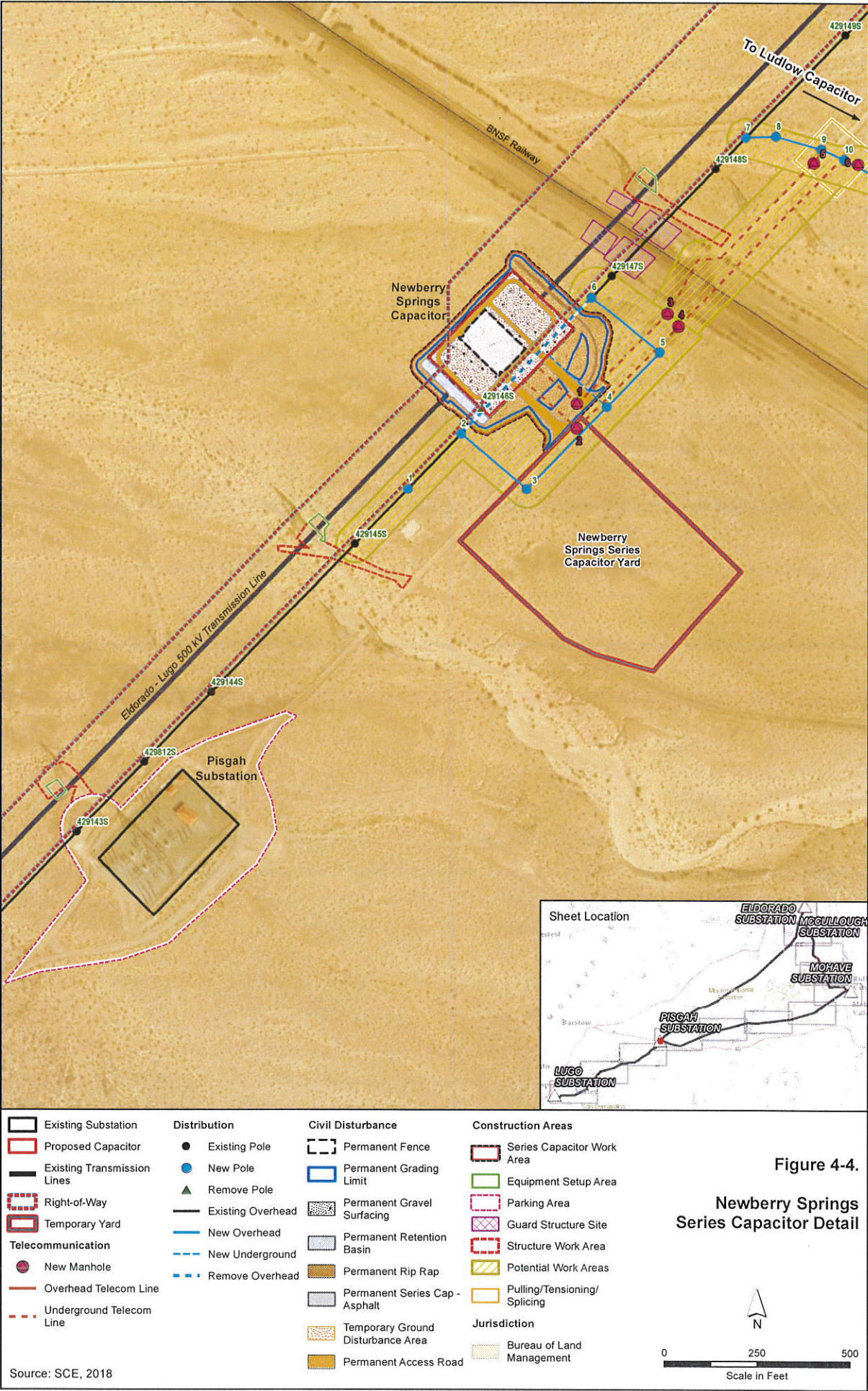


Figure 4-4.
Newberry Springs
Series Capacitor Detail