SOUTHERN CALIFORNIA EDISON LEE VINING PROJECT RELICENSING
FERC Site Visit
September 28, 2021

SCHEDULE

The Lee Vining site visit will be held September 28, 2021 beginning at 9:00 am and follow the schedule listed below.

Participants are responsible for their own transportation as well as food, water, and other supplies including appropriate outdoor clothing and footwear.

Persons planning to participate in the site visit or with questions about it should contact Matthew Woodhall of SCE at 626-302-9596 or Matthew.Woodhall@sce.com on or before September 21, 2021.

9:00 am Meet at Gus Hess Community Park
- 129 Mattly Ave, Lee Vining, CA 93541
- Introductions, safety minute, distribute maps and review agenda

9:30 am Begin Driving Tour
- *21 minute drive to Stop 1*

9:55 am Stop 1: Saddlebag Dam and Lake
- Saddlebag Dam is 45 feet high and 600 feet long, geomembrane-lined, redwood-faced, and composed of rockfill.
- The dam impounds the 297-acre Saddlebag Lake, which has a net storage capacity of 9,765 AF; current reservoir net storage capacity of 9,765 AF
- Spillway is centrally located on the dam and is a 54-foot-long and 5-foot-deep concrete flume.
- Saddlebag Lake Resort, Day Use Area, Campground, Trailhead
- Potential Yosemite toad (ESA-listed species) habitat at south end of lake, short walk to see it, part of the proposed Wildlife study
- Stream gage downstream of the dam
- *7 minute drive to Stop 2*

11:10 am Stop 2: Tioga Dam and Lake, Tioga Auxiliary Dam
- *Note that this stop may require more strenuous walking/hiking than previous stops*
- Tioga Dam is a 27-foot-high, 270-foot-long, redwood-faced, rockfill dam
- Tioga Auxiliary Dam is a 9-foot-high, 50-foot-long, constant radius concrete-arch dam
- The dams together impound the 73-acre Tioga Lake, which has a gross storage capacity of 2,175 AF; the net storage capacity is 1,250 AF

- Spillway is a 57-foot-long, 4-foot-deep, rockfill concrete weir
- Stream gage downstream of Tioga Dam
- *0.5 minute drive to Stop 3*

11:50 am Stop 3: Tioga Lake Campground – LUNCH BREAK (~11:50-12:20)

- Main campground at Tioga Lake, part of proposed Recreation studies
- *0.5 minute drive to Stop 4*

1:00 pm Stop 4: Tioga Lake Overlook and Glacier Canyon Trailhead

- Information station for Tioga Lake
- Access point for Glacier Canyon hiking
- *3 minute drive to Stop 5*

1:30 pm Stop 5: Rhinedollar Dam at Ellery Lake

- Rhinedollar Dam is an 18.5-foot-high (17 feet with a 1.5-foot concrete parapet), 437-foot-long, rockfill dam that impounds the 61-acre Ellery Lake, which has a gross storage capacity of 493 acre-feet (AF)
- Valve house and tunnel intake
- Spillway is a concrete side channel and is 36 feet long and 5 feet deep
- Ellery Lake is basically the forebay for the Poole Powerhouse and its storage level is not varied as much as either Saddlebag or Tioga Lakes
- Stream gage downstream of the dam
- Ellery Lake Campground (drive by)
- *17 minute drive to Stop 6*

2:20 pm Stop 6: Poole Powerhouse

- Powerhouse: constructed in the 1920s, 68 feet long, 38 feet wide, 43 feet high, and has a substructure that is 18 feet deep. Contains one General Electric generating unit with a nameplate capacity of 11.25 megawatts (MW). One Pelton single overhung, horizontal-impulse turbine with a design capacity of 17,910 horsepower with a hydraulic capacity of 105 cubic feet per second (cfs).
- Flowline/Pipeline Penstock and tunnel: Double riveted lap joint steel pipe flowline is 2,530 feet long and 48 inches in diameter. Lap welded steel penstock is 3,741 feet long and 28 to 44 inches in diameter; maximum flow of 110 cfs. These are underground in a tunnel.
- Triplex cottage adjacent to the Powerhouse is in the National Register of Historic Places (NRHP), built between 1920 and 1930. It is a French Eclectic triplex designed by G. Stanley Wilson, an architect based in Riverside, California. The building is considered eligible for the NRHP under Criterion C, distinctive architectural characteristics that represent the work of a master.
- Stream gage downstream of Powerhouse
- *3 minute drive to Stop 7*

2:50 pm Stop 7: Big Bend Campground

- One of the main campgrounds downstream of Poole Powerhouse, part of proposed Recreation studies
- *3 minute drive to Stop 8*

3:05 pm Stop 8: Aspen Grove Campground

- Another main campground downstream of Poole Powerhouse, part of proposed Recreation studies
- *4 minute drive to Stop 9*

3:20 pm Stop 9: Moraine Campground or Lower Lee Vining Campground

- Main campground(s) downstream of the Project, part of proposed Recreation studies
- *3 minute drive to Stop 10*

3:35 pm Stop 10: LADWP Diversion Dam

- Los Angeles Department of Water and Power (LADWP) Sales Agreement
- *6 minute drive back to Lee Vining town center*

4:00 pm End Site Visit