

UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION

California Department of)
Water Resources and)
Los Angeles Department of Water)
and Power)

Project No. 2426

**NOTICE OF INTENT OF CALIFORNIA DEPARTMENT OF WATER
RESOURCES AND LOS ANGELES DEPARTMENT OF WATER AND
POWER TO FILE AN APPLICATION FOR A NEW LICENSE**

In accordance with Section 15(b)(1) of the Federal Power Act, 15 U.S.C. § 808(b)(1), and Section 5.5 of the Federal Energy Regulatory Commission's (FERC) regulations, 18 CFR § 5.5, the California Department of Water Resources (DWR) and the Los Angeles Department of Water and Power, Licensees of the South SWP Hydropower Project (Project), hereby declare unequivocal intent to file an application for a new license for the facilities now constituting the West Branch of Project No. 2426, as described in more detail below. The facilities now constituting the East Branch of Project No. 2426 are the subject of a separate notice of intent to be filed by DWR.

Information Provided Pursuant to 18 CFR § 5.5(b)

(1) Applicants:

California Department of Water Resources and Los Angeles Department of Water and Power

Contact:

Physical Address:

Ted Craddock, Chief
Hydropower License Planning and
Compliance Office
Executive Division
California Department of Water
Resources
2033 Howe Avenue, Suite 220
Sacramento, CA 95825
Tel: (916) 557-4555
Ted.Craddock@water.ca.gov

Mailing Address:

Ted Craddock, Chief
Hydropower License Planning and
Compliance Office
Executive Division
California Department of Water
Resources
P.O. Box 942836
Sacramento, CA 94236-0001

Physical and Mailing Address:

Simon Zewdu, Manager of Strategic
Initiatives
Power Planning and Development
Los Angeles Department of Water
and Power
111 North Hope Street, Room 921
Los Angeles, CA 90012
Tel: (213) 367-0881
Simon.Zewdu@ladwp.com

(2) FERC Project Number:

The Federal Energy Regulatory Commission (FERC) Project Number for the existing South SWP Hydropower is 2426. The Licensees propose to retain this FERC project number and name for the facilities now constituting the West Branch of Project No. 2426. DWR is separately applying for a new license for the facilities now constituting the East Branch of Project No. 2426.

(3) License Expiration Date:

The expiration date of the existing license covering the Project is January 31, 2022.

(4) Statement of Intent to File:

The Licensees' intent is to file with FERC an Application for a New License – Major Project (Existing Dam) for the Project by January 31, 2020, two years prior to the expiration of the existing license.

(5) Principal Project Works Licensed:

The existing Project's principal works include:

- Quail Lake, a small regulating reservoir with a normal maximum water surface elevation (NMWSE) of 3,324.5 feet, and a storage capacity of 8,790 acre-feet (AF), and a surface area of about 290 acres.
- Lower Quail Canal, a 2-mile-long, 24-foot-wide concrete canal that extends from Quail Lake to the Peace Valley Pipeline Intake. An ungated emergency overflow weir is located on the north side of the canal and discharges into a detention basin located to the west and adjacent to the southernmost section of Lower Quail Canal.
- Peace Valley Pipeline Intake Embankment, an off-stream zoned earth and rockfill embankment that is 50 feet high with a crest length of 350 feet
- Peace Valley Pipeline, a 5.5-mile-long, 12-foot-diameter buried pipe that extends from the downstream terminus of Lower Quail Canal to the William E. Warne Powerplant (Warne Powerplant) penstock.
- Gorman Bypass Channel, a man-made channel with a flow capacity of 700 cfs to Pyramid Lake.
- Warne Powerplant, an above-ground, steel-reinforced concrete powerhouse located at the northern (upstream) end of Pyramid Lake, at the terminus of the Peace Valley Pipeline, with two Fuji Electric Pelton-type turbines and a licensed capacity of 75 MW.
- Warne Switchyard, a fenced switchyard
- Warne Transmission Line, a 3-mile-long, 220-kV transmission line extending from the Warne Switchyard to Southern California Edison's Pardee-Pastoria Transmission Line.
- Pyramid Dam, a 1,090-foot-long, 400-foot-high, zoned earth and rockfill dam with two spillways, a gate-controlled spillway and an emergency spillway, and a low-level outlet with a capacity of 18,000 cfs for releases into the Pyramid reach.
- Pyramid Lake, a storage reservoir formed by Pyramid Dam. At the NMWSE of 2,578 feet, Pyramid Lake has a storage capacity of 169,902 AF, a normal maximum surface area of 1,300 acres, and a shoreline length of approximately 21 miles.
- Angeles Tunnel, a 7.2-mile-long, 30-foot-diameter, concrete-lined tunnel that extends from the Pyramid Dam Outlet to the double trifurcation structure at the intake to the Castaic Penstocks, with a maximum flow capacity of 18,400 cfs.
- Castaic Penstocks, six 2,200-foot-long steel penstocks, a seventh 1,900-foot-long steel penstock with a combined flow capacity for all seven penstocks of 17,840 cfs.

- Castaic Powerplant, an above-ground, steel-reinforced concrete powerhouse located on the northern (upstream) end of Elderberry Forebay that houses six Voith Siemens Hydro, reversible pump/turbines and motor/generators, Francis-type pump–turbine units and one Alstom Pelton-type pump-starting turbine, with a combined licensed capacity and generating capacity of 1,275 MW, and a plant capacity of 17,840 cfs.
- Castaic Switchyard, a fenced switchyard.
- Elderberry Forebay Dam, a zoned earthfill dam that is 200 feet high with a crest length of 1,990 feet, one 21-foot-diameter low-level outlet to Castaic Lake (a non-Project facility), and an emergency overflow weir.
- Elderberry Forebay, a forebay formed by the Elderberry Forebay Dam. The forebay serves as the lower pool for the Castaic Powerplant and has a capacity of 28,231 AF and a surface area of 500 acres.
- Storm Bypass Channel and Check Dams, a series of three check-dam basins on Castaic Creek, upstream of Elderberry Forebay, with a total area of approximately 21 acres used to capture sediment runoff during high-flow events.
- Castaic Transmission Line, an 11.4-mile-long, 230-kV transmission line extending from the Castaic Switchyard to Haskell Junction.
- Recreation Facilities.
- Appurtenant Facilities and Features, including access roads and gages.

(6) Project Location:

The location of the Project is:

State:	California
Township or nearby town:	City of Santa Clarita
County:	Los Angeles

While the Project primarily uses water supply from the SWP to generate power, Pyramid Dam is located on Piru Creek and the Elderberry Forebay is located on Castaic Creek. No other Project facilities intercept significant surface water drainage.

(7) Installed Plant Capacity:

The Project includes two power developments: (1) the Warne Power Development, with a licensed installed capacity of 75 MW; and (2) the Castaic Power Development, with a licensed installed capacity of 1,275 MW. The Project has a total licensed installed capacity of 1,350 MW.

(8) Name and Mailing Addresses:

- (i) *Every county in which any part of the Project is located, and in which any Federal Facility that is used or to be used by the Project is located:*

The name and mailing address of the county in which the Project is located is:

County of Los Angeles
Board of Supervisors
B-4 Kenneth Hahn Hall of Administration
500 W. Temple Street
Los Angeles, CA 90012

- (ii) *Every city, town, or similar political subdivision: (A) in which any part of the Project is located and any Federal facility that is used by the Project is located; or (B) that has a population of 5,000 or more and is located within 15 miles of a Project dam:*

City of Santa Clarita
City Manager
23920 Valencia Blvd. Ste. 300
Santa Clarita, CA 91355

Stevenson Ranch Home Owners
Association
President, Board of Directors
24737 Pico Canyon Road
Stevenson Ranch, CA 91381-1702

Unincorporated Community of Castaic
President of Town Council
28201 Franklin Way
Santa Clarita, CA 91383

The Project does not use any federal facilities and is not located within any designated cities, towns, or subdivisions.

- (iii) *Every irrigation district, drainage district, or similar special purpose political subdivision: (A) in which any part of the Project is located and any Federal facility that is used by the Project is located; or (B) that owns, operates, maintains, or uses any Project facility or any Federal facility that is used by the Project:*

Antelope Valley-East Kern
Water Agency
General Manager
6500 West Avenue N
Palmdale, CA 93551-2855

Local Agency Formation Commission
of Los Angeles County
Commission Clerk
80 South Lake Avenue, Suite 870
Pasadena, CA 91101

Newhall County
Water District
General Manager
23780 North Pine Street
Newhall, CA 91321

The Project is not located within any federal special-purpose political subdivision areas.

In addition to the parties noted above, the Licensees have reason to believe the following irrigation districts, water districts, and agencies would likely be interested in, or affected by, this new license:

Castaic Lake Water Agency
General Manager
27234 Bouquet Canyon Road
Santa Clarita, CA 91350-2173

The Metropolitan Water District
of Southern California
General Manager
P.O. Box 54153
Los Angeles, CA 90054-0153

United Water Conservation District
General Manager
106 North 8th Street
Santa Paula, CA 93060

(iv) Every other political subdivision in the general area of the Project that there is reason to believe would likely be interested in, or affected by, the Project:

County of Los Angeles,
Department of Regional Planning
Director
320 West Temple Street,
Los Angeles, CA 90012

County of Los Angeles,
Department of Parks and Recreation
Director
433 South Vermont Avenue
Los Angeles, CA 90020

County of Los Angeles,
Sheriff's Department
Captain
23740 Magic Mountain Parkway
Santa Clarita, CA 91355

County of Los Angeles
Fire Department
Fire Chief
1320 N. Eastern Avenue
Los Angeles, CA 90063

County of Ventura – Resource
Management Agency Planning Division
Planning Director
800 South Victoria Avenue, Location
1740
Ventura, CA 93009-1700

City of Santa Paula
City Manager
970 Ventura Street
Santa Paula, CA 93060

City of Fillmore
City Manager
250 Central Avenue
Fillmore, CA 93015

City of Lancaster
City Manager
44933 Fern Avenue
Lancaster, CA 93534

City of Los Angeles
Mayor
200 North Spring Street, Room 303
Los Angeles, CA 90012

City of Palmdale - Department of
Development Services - Planning Division
Manager
38250 Sierra Highway
Palmdale, CA 93550

City of San Fernando
City Manager
117 Macneil Street
San Fernando, CA 91340

(v) *Affected Indian Tribes:*

Native Americans, and individuals and organizations who may have knowledge of cultural resources in the Project area, were identified based on information provided to the Licensees by the Native American Heritage Commission on July 15, 2015. In addition, Licensees have identified other individuals and organizations who may have knowledge of cultural resources in the Project area. The identified individuals and organizations are:

Fernandeño Tataviam Band of Mission
Indians
Rudy Ortega Jr., Tribal President
1019 2nd Street, Suite 1
San Fernando, CA 91340

Tongva Ancestral Territorial Tribal Nation
John Tommy Rosas, Tribal Administrator
578 Washington Blvd. Unit 384
Marina Del Rey, CA 90292-4712

Barbareno/Ventureno Band of Mission
Indians
Julie Lynn Tumamait-Stennslie, Chair
P.O. Box 364
Ojai, CA 93024

Kitanemuk & Yowlumne Tejon Indians
Delia Dominguez, Chairperson
115 Radio Street
Bakersfield, CA 93305

Patrick Tumamait
992 El Camino Corto
Ojai, CA 93023

San Fernando Band of Mission Indians
John Valenzuela, Chairperson
P.O. Box 221838
Newhall, CA 91322

Los Angeles City and County Native
American Indian Commission
Ron Andrade, Director
3175 West 6th Street, Room 403
Los Angeles, CA 90020

Gabrielino/Tongva San Gabriel Band of
Mission Indians
Anthony Morales, Chairperson
P.O. Box 693
San Gabriel, CA 91778

Chumash Fernandeno Tatviam
Shoshone Paiute Yaqui
Randy Guzman-Folkes
4676 Walnut Avenue
Simi Valley, CA 93063

Chumash Tataviam Fernandeno
Beverly Salazar Folkes
1931 Shadybrook Drive
Thousand Oaks, CA 91362

Gabrielino/Tongva Nation
Sandonne Goad, Chairperson
106 1/2 Judge John Aiso Street
Los Angeles, CA 90012

Carol A. Pulido
165 Mountainview Street
Oak View, CA 93022

Coastal Band of the Chumash Nation
Gino Altamirano, Tribal Chair
P.O. Box 4464
Santa Barbara, CA 93140

Melissa M. Parra-Hernandez
119 North Balsam Street
Oxnard, CA 93030

Gabrielino Tongva Indians of California
Tribal Council
Robert F. Dorame, Tribal Chair/Cultural
Resources
P.O. Box 490
Bellflower, CA 90707

Gabrielino-Tongva Tribe
Bernie Acuna, Co-Chairperson
1999 Avenue of the Stars, Suite 1100
Los Angeles, CA 90067

Gabrielino-Tongva Tribe
Linda Candelana, Co-Chairperson
1999 Avenue of the Stars, Suite 1100
Los Angeles, CA 90067

Barbareno/Ventureno Band of Mission
Indians
Raudel Joe Banuelos, Jr.
P.O. Box 364
Ojai, CA 93024

Santa Ynez Tribal Elders Council
Freddie Romero, Cultural Preservation
Consultant
P.O. Box 517
Santa Ynez, CA 93460

Gabrielino-Tongva Tribe
Conrad Acuna
1999 Avenue of the Stars, Suite 1100
Los Angeles, CA 90067

Gabrielino Band of Mission Indians -
Kizh Nation
Andrew Salas, Chairperson
507 Cedar Drive
Covina, CA 91723

Gabrielino/Tongva Nation
Sam Dunlap, Cultural Resources Director
P.O. Box 1391
Temecula, CA 92593

Barbareno/Ventureno Band of Mission
Indians
Kathleen Pappo
2762 Vista Mesa Drive
Rancho Palos Verdes, CA 90275

PeuYoKo Perez
5501 Stanford Street
Ventura, CA 93003

Tubatulabal Kawaiisu Koso Yokuts
Ron Wermuth
P.O. Box 168
Kernville, CA 93238

San Manuel Band of Mission Indians
Daniel McCarthy, M.S. Director CRM
Department
26569 Community Center Drive
Highland, CA 92346

In addition to the above-listed entities, a number of federal and State resource agencies and stakeholders have expressed an interest in participating in Licensees' Integrated Licensing Process for the Project. In accordance with Section 5.5(c) of the FERC regulations, 18 CFR § 5.5(c), these agencies and stakeholders have been included on the distribution list for this Notice of Intent, as set forth in Section 9 of the accompanying Pre-Application Document (PAD).

If you have any questions about this notice, please contact Gwen Scholl, DWR's Relicensing Program Manager, at (916) 557-4554; or Anton Sy, LADWP's Project Manager, at (213) 367-2332.