



DeSabra-Centerville

FERC Project 803

General Information

FERC Project Number	803
License Expiration	10/11/2009 (operating on annual extension)
Commenced Commercial Operation Date	1900 (Centerville) 1963 (DeSabra)
# of Dams	(3) Butte Diversion Dam, Hendricks Head Dam, Lower Centerville Diversion Dam
Miles of Water Conveyance	20+ Miles (canals, flumes, & tunnels)
County	Butte

Project Information

The DeSabra-Centerville Project is located in Butte County in the foothills of the Sierra Nevada mountain range about 25 miles east of Chico, California. The Project facilities are located in two distinct watersheds: the West Branch Feather River and Butte Creek.

The Project diverts a portion of the natural flow of water from Butte Creek and West Branch of the Feather River (WBFR) into canals that carry the water for use in hydroelectric powerhouses. Once water is run through the powerhouses it is ultimately released to Butte Creek. During the summer, the natural flow of the WBFR is augmented by water releases from Round Valley and Philbrook reservoirs. Project diversions have provided additional flow to Butte Creek for more than 100 years. One of the beneficiaries of this additional flow has been the aquatic community in Butte Creek, including Central Valley spring-run Chinook salmon.

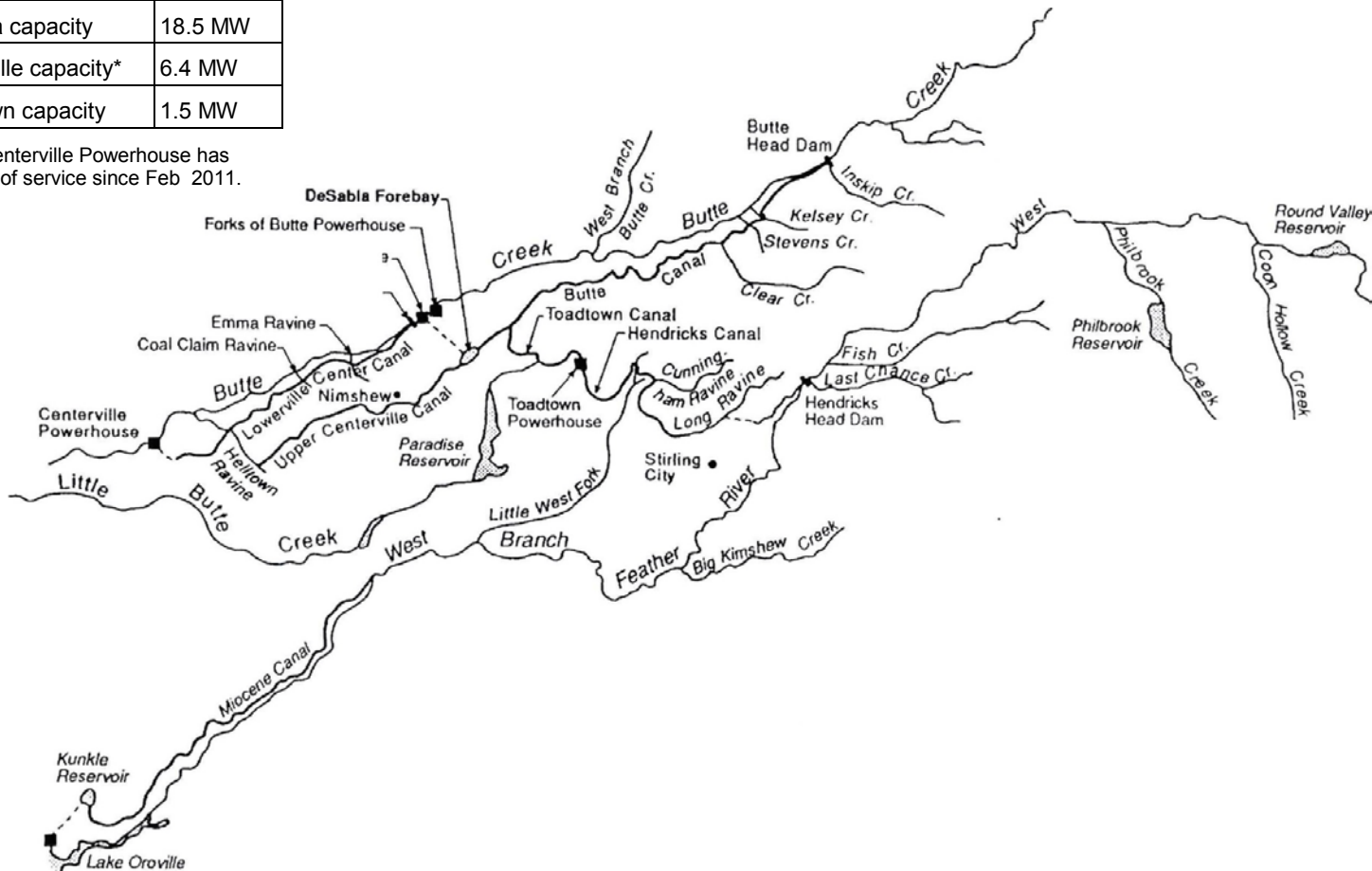
The Project consists of two small storage reservoirs (Round Valley and Philbrook), DeSabra Forebay, three major diversions (Hendricks Diversion Dam on the WBFR; Butte Head Dam and Lower Centerville Dam on Butte Creek) several small diversions and feeder dams, more than 20 miles of water conveyance (canals, tunnels and flumes), penstocks and three powerhouses: Toadtown, DeSabra, and Centerville.

Powerhouse Facts

DeSabra capacity	18.5 MW
Centerville capacity*	6.4 MW
Toadtown capacity	1.5 MW

*Note: Centerville Powerhouse has been out of service since Feb 2011.

Project Map



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