

AMERICAN ENERGY
WESTERN POWER

SIERRA NEVADA REGION



Western Area Power Administration
Sierra Nevada Region
114 Parkshore Drive
Folsom, CA 95630-4710

<http://www.wapa.gov/sierranevada>

Visit our web site at

FAX (916) 985-1934

(916) 353-4116

Folsom, CA 95630-4710

114 Parkshore Drive

Sierra Nevada Region

Western Area Power Administration

This is the latest issue of the Western Area Power Administration's monthly publication.

Substations	15
Transmission line circuit miles	855
Powerplants	11
Energy	5,481 GWh*
Capacity	2023 MW*

PROFILE

SIERRA NEVADA REGION



Serving the West with Federal hydropower



The University of California at Davis, the City of Biggs, Calif., and the Lawrence Livermore National Laboratory are a few of the varied customers that the Sierra Nevada Region serves with reliable hydropower. Whether the need is for lighting campus residence halls or providing power to support scientific research, our goal is to serve customers with reliable power.

The Sierra Nevada Region is one of four regions of Western Area Power Administration, a Federal power marketing administration. Western sells wholesale power and bulk wholesale transmission to local utilities. Your electric company gets the power it delivers to consumers from a variety of sources, including wholesale power providers such as Western, purchases and exchanges from neighboring utilities and its own generation. Sierra Nevada employees work around the clock to keep bulk power moving through the interconnected transmission system so that electricity ultimately reaches your home or business.

Delivering power

The Sierra Nevada Region carries out Western's mission to preference customers in northern and central California. Most power that the Region sells is generated by powerplants owned and operated by the Bureau of Reclamation in the California Central Valley Project, including three at Shasta, Folsom, Trinity and New Melones dams. We import additional power over Western's share of the Pacific Northwest-Pacific Southwest Intertie and the California-Oregon Transmission Project—500-kV lines linking northern and central California to the Pacific Northwest. After meeting project use load,

CVP firm power serves the equivalent of the annual electrical needs of 650,000 Californians. We sell about 5.4 billion kilowatthours of power in an average water year.

Selling and delivering those electrical resources to irrigation districts, joint power agencies, cities and towns, public utility districts, military and federal research installations, educational institutions and prisons in California is the Sierra Nevada Region's main business. We also serve these customers by operating and maintaining 15 substations and 855 miles of 69- to 500-kV transmission lines.

Providing services

In the Sierra Nevada Region, we provide our customers with diverse services. For example, we provide technical assistance through the Energy Services Program, such as infrared scanning for energy leaks, efficient lighting or demand-side management, and we help customers plan for future power needs. We also provide scheduling coordinator services—matching loads and supplies for customers—and communicate information to the California Independent System Operator. If customers desire new products and services, we are open to exploring their ideas.

To serve these customers, Sierra Nevada employees manage projects; ensure environmental protection; establish and monitor employee safety and system security policies; manage administrative functions, such as property management and information services; schedule power and handle customer billing; analyze hydroelectric resources; ensure system maintenance;

administer contracts and set rates; provide technical assistance regarding efficient energy use; and oversee finances and budgeting. Now operating from five duty stations throughout Northern California, including the regional office in Folsom, Calif., we work at the forefront of technological advances and amidst unprecedented change in the electric utility industry.

With many diverse players competing in the electric utility industry to buy and sell power, we will build upon our products and services in the Sierra Nevada Region to meet customer needs. Our goals are to market reliable Central Valley Project power, provide customer services that keep pace with the new industry and to enhance our ability to repay project obligations. To help achieve these goals, we have taken steps to reduce costs, such as reducing contract support and renegotiating purchase power commitments.

Eyeing the future

Our future also depends on our interactions with other players in the industry. For instance, cooperative ventures with other California entities are common throughout our service territory. Our membership in the California Power Exchange—a spot market for electricity—is an example of how we are responding to rapid changes in the state's deregulation of the electric utility industry.

Being flexible to changes in the industry, enhancing our existing relationships and improving service will shape our future in the Sierra Nevada Region. We look forward to building upon our existing relationships and creating new ones.



SIERRA NEVADA REGION



Serving the West with Federal hydropower



The University of California at Davis, the City of Biggs, Calif., and the Lawrence Livermore National Laboratory are a few of the varied customers that the Sierra Nevada Region serves with reliable hydropower. Whether the need is for lighting campus residence halls or providing power to support scientific research, our goal is to serve customers with reliable power.

The Sierra Nevada Region is one of four regions of Western Area Power Administration, a Federal power marketing administration. Western sells wholesale power and bulk wholesale transmission to local utilities. Your electric company gets the power it delivers to consumers from a variety of sources, including wholesale power providers such as Western, purchases and exchanges from neighboring utilities and its own generation. Sierra Nevada employees work around the clock to keep bulk power moving through the interconnected transmission system so that electricity ultimately reaches your home or business.

Delivering power

The Sierra Nevada Region carries out Western's mission to preference customers in northern and central California. Most power that the Region sells is generated by powerplants owned and operated by the Bureau of Reclamation in the California Central Valley Project, including three at Shasta, Folsom, Trinity and New Melones dams. We import additional power over Western's share of the Pacific Northwest-Pacific Southwest Intertie and the California-Oregon Transmission Project—500-kV lines linking northern and central California to the Pacific Northwest. After meeting project use load,

CVP firm power serves the equivalent of the annual electrical needs of 650,000 Californians. We sell about 5.4 billion kilowatthours of power in an average water year.

Selling and delivering those electrical resources to irrigation districts, joint power agencies, cities and towns, public utility districts, military and federal research installations, educational institutions and prisons in California is the Sierra Nevada Region's main business. We also serve these customers by operating and maintaining 13 substations and 855 miles of 69- to 500-kV transmission lines.

Providing services

In the Sierra Nevada Region, we provide our customers with diverse services. For example, we provide technical assistance through the Energy Services Program, such as infrared scanning for energy leaks, efficient lighting or demand-side management, and we help customers plan for future power needs. We also provide scheduling coordinator services—matching loads and supplies for customers—and communicate information to the California Independent System Operator. If customers desire new products and services, we are open to exploring their ideas.

To serve these customers, Sierra Nevada employees manage projects; ensure environmental protection; establish and monitor employee safety and system security policies; manage administrative functions, such as property management and information services; schedule power and handle customer billing; analyze hydroelectric resources; ensure system maintenance;

Western Area Power Administration	Sierra Nevada Region	Folsom, CA 95630-4710	FAX (916) 985-1934	http://www.wapa.gov/sierranevada
114 Parkshore Drive	114 Parkshore Drive	916) 353-4116	Visit our web site at	
Folsom, CA 95630-4710	Folsom, CA 95630-4710	916) 353-4116		
Western Area Power Administration	Sierra Nevada Region	916) 353-4116		
Substations	15	Transmission of electric lines	855	This is the latest issue of the Western Area Power Administration's monthly newsletter.
Powerplants	11	Energy	5,481 GWh	includes the Central Valley Project and the Western Power
Capacity	2023 MW	Capacity	2023 MW	System

This is the latest issue of the Western Area Power Administration's monthly newsletter.

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power

System

includes the Central Valley Project and the Western Power