

Sierra Nevada at a glance

Sierra Nevada is one of five regions of the Western Area Power Administration that are responsible for selling hydropower generated at federal hydropower dams in their service territory to mostly not-for-profit preference power customers. SN's employees also operate and maintain electrical infrastructure in California, in partnership with other neighboring utilities, to ensure continuous electricity is delivered to communities.

SN has two hydropower projects with accompanying transmission: Central Valley and Washoe. The Central Valley Project contains the northern section of the Pacific Northwest-Pacific Southwest Intertie, including WAPA's portion of the California-Oregon Transmission Project; the southern half of the project is marketed separately by WAPA's Desert Southwest region.

MARKETING PROFILE (MWh)

Long-term energy sales	5,929,060
Central Valley	5,916,075
Washoe	12,985
Other energy sales	
Central Valley	217,506
Total	6,146,566

FINANCIAL PROFILE (\$ in millions)

Sales of electric power	209.1
Central Valley	208.4
Washoe	0.7
Transmission & other operating revenues	133.5
Central Valley	133.3
Washoe	0.2
Gross operating revenues	342.6
Central Valley	341.7
Washoe	0.9
Total operating expenses	352.5
Central Valley	351.6
Washoe	0.9

ANNUAL COMPOSITE RATE

Central Valley (derived)	\$43,761,179
Pacific AC Intertie firm point to point	\$1.61/kW-month

CUSTOMERS

Power customers¹	96
Firm electric service	54
Other (term, seasonal, nonfirm, peaking)	2
Project use	40

¹Twelve customer allocations are shown as a single sale of power to Northern California Power Agency and 16 customer allocations are shown as a single sale of power to The Power and Water Resources Pooling Authority.

POWER CUSTOMERS BY CATEGORY

12%	Federal agencies	11
1%	Independent system operators	1
9%	Irrigation districts	9
4%	Joint power authorities	4
8%	Municipalities	8
4%	Native American tribes	4
42%	Project use	40
7%	Public utility districts	7
11%	State agencies	10
2%	Transportation districts	2

POWER CUSTOMERS BY STATE

California 96

Sierra Nevada Powerplants

POWERPLANT	RIVER	STATE	INSTALLED CAPACITY (MW)	NET GENERATION (GWh)
Central Valley				
Folsom	American	CA	207	626
J.F. Carr	Clear Creek Tunnel	CA	154	234
Keswick	Sacramento	CA	117	378
Lewiston	Trinity	CA	1	0
New Melones	Stanislaus	CA	380	511
Nimbus	American	CA	14	56
O'Neill ¹	San Luis Creek	CA	25	2
Shasta ²	Sacramento	CA	714	2,389
Spring Creek	Spring Creek Tunnel	CA	180	322
Trinity	Trinity	CA	140	370
W.R. Gianelli ^{1,3}	San Luis Creek	CA	202	124
Washoe				
Stampede	Little Truckee	CA	4	13

¹ Pump/generating plant

² Total number of units includes two station service units.
Station service units' capacity is not included

³ United States' share (47.67%) of plant capability

Assets

Powerplants	12	Substations	25
Installed capacity (MW)	2,138	Transformers	21
Net generation (GWh)	5,025	Communication sites	22

Transmission Lines by State

CALIFORNIA

1,362.32 miles