



Renewable Energy Resources, Businesses and Program Administrators

Renewable energy is energy that comes from natural resources that are replenished at a human scale, such as sunlight, wind, water, biomass, and geothermal activity. Local renewable energy projects can benefit the Sierra by creating jobs and generating energy from sources that are abundant and widely available.

Don't see your program, company, or organization listed here? Email Justine at jquealy@sierrabusiness.org

Federal and out-of-state renewable energy funding:

[Rural Energy for America Program: Renewable Energy Systems & Energy Efficiency Improvement Loans and Grants](#) - *This program provides guaranteed loan financing and grant funding for agricultural producers and small businesses to install renewable energy systems or make energy efficiency improvements.*

[Rural Energy for America Program: Energy Audit & Renewable Energy Development Assistance Grants](#) - *Grantees assist rural small businesses and agricultural producers by conducting and promoting energy audits, and providing renewable energy development assistance.*

[Federal Residential Renewable Energy Tax Credit](#) - *Federal tax credits are available for solar technologies installed on residence.*

[Federal Business Energy Investment Tax Credit](#) - *Corporate tax credits are available for various renewable technologies installed in commercial, industrial, utility, and agricultural sectors.*

[Blue Sky Community Project Funds](#) (available in Shasta, Lassen, Modoc Counties) - *Funding awards cover up to 100% of capital costs to install qualifying, new renewable energy systems for non-residential sites in Pacific Power's service area.*

[High Energy Cost Grants](#) - *Assists energy providers and other eligible entities in lowering energy costs for families and individuals in areas with extremely high per-household energy costs.*

[Tribal Energy Program Grants](#) - *Federal agencies provide grant, loan, and technical assistance programs to support tribal energy projects.*

Solar Resources and Funding:

[Solar Power Purchase Agreement \(PPA\)](#) - *A contract between two parties, the seller who generates renewable electricity and the buyer who is looking to purchase electricity from a renewable source.*

[Go Solar California](#) - *This campaign provides California consumers with information on solar programs, rebates, tax credits, and information on installing and interconnecting solar electric and solar thermal systems.*

[California Solar Initiative](#) - *A rebate program that funds the installation of solar on existing homes, existing or new commercial, agricultural, government, and non-profit buildings. The program funds both solar photovoltaics, as well as other solar thermal generating technologies.*

[New Solar Homes Partnership](#) - *The NSHP provides homebuilders financial incentives and support by encouraging the construction of new, energy efficient solar homes that will save homeowners money on their electric bills while protecting the environment.*

[Single Family Affordable Solar Housing](#) - *The SASH program provides qualifying low-income homeowners up-front rebates to defray the costs of installing a solar electric system.*

[PG&E Solar and Renewables](#) - *Step-by-step guide to choosing renewable energy through PG&E.*

[PG&E Solar Water Heating](#) - *This program helps customers save energy and money for solar water heating system with PG&E rebates and tax credit.*

[PG&E Financing Options for Solar and Renewable Energy Systems](#) - *PG&E provides options for financing a solar or renewable energy technology for your home.*

[Liberty Utilities Solar Incentive Program](#) - *This incentive program provides a one-time payment to help offset solar installation costs, and is available on a first-come, first-serve basis.*

[Truckee Donner Public Utility District](#) - *There is planning assistance and solar initiatives available to customers interested in installing a solar system.*

[Plumas-Sierra Rural Electric Co-op](#) - *This program offers net-metering for members who install solar photovoltaic systems, and other program incentives and benefits.*

[California Solar Energy Collaborative](#) - *The purpose of this collaborative is to assist in developing and expanding the utilization of solar power in California.*

[Tax Exemption for Farm Equipment and Machinery](#) - *There is a partial exemption for the sale, storage, use, or other consumption of farm equipment, machinery, and their parts to qualified persons for use in qualifying activities.*

[GRID Alternatives](#) - *This organization works to make renewable energy technology and job training accessible to underserved communities.*

Local Solar Contractors/Installers:

[Solar Wind Works](#) – serving Truckee, Tahoe, 2 hour radius of Truckee

[Tahoe Solar Designs](#) – serving Lake Tahoe Basin, Truckee

[Simple Power Solar](#) – serving Truckee, Tahoe

[Sun Power Construction](#) – based in Truckee

[Apex Solar, Inc.](#) – based in El Dorado County

[The SunnyCal Solar Store](#) – based in Jackson

[Advanced Solar Energy](#) – serving Calaveras, Amador, El Dorado, and Tuolumne counties

[Sierra Solar](#) – serving Inyo and Mono counties

[Berger Solar Electric](#) – serving Bishop, Mammoth Lakes, and the Eastern Sierra

[Feather River Solar](#) – serving Plumas County and Northeastern California

[California Solar Electric Company](#) – based in Grass Valley, serving Western Sierra foothills

[Plan It Solar](#) – based in Grass Valley

[Byers Solar](#) – serving Nevada, Placer, El Dorado, and Sacramento counties

[Sustainable Energy Group](#) – based in Grass Valley

[GP Electric](#) – based in Nevada City

[Energy Saving Pros](#) – based in Loomis

[SolarNorcal](#) – based in Meadow Vista

[Sierra Solar Systems](#) – serving Grass Valley, Nevada City, Penn Valley, and North San Juan

[Caiman Engineering, Inc.](#) – based in Nevada City

[Gold Electric](#) – based in Murphys

[Citi Green](#) – based in Auburn

[Sun River Solar](#) – based in Auburn

[Gilmore Heating Air Solar](#) – based in Placerville, serving Placer County, El Dorado County, and Amador County

[Offline Solar Electric](#) – based in Mariposa

[DC Solar Electric](#) – based in Penn Valley, serving El Dorado, Nevada, Placer, and Yuba counties

[Sol Sierra](#) – based in Avery, serving Northern California

[Highpoint Solar](#) – based in Bishop

[KuyKendall Solar](#) – based in Coarsegold

[Under the Sun Solar](#) – based in Sonora

[Alternative Power Solutions Solar](#) – based in Sonora

Hydropower Resources & Funding:

[Renewable Feed-In Tariff Program](#) - *Small renewable generators less than 3 MW in size qualify for this feed-in tariff program.*

[California Small Hydro Collaborative](#) - *The Collaborative realizes its mission through statewide coordination with government and industry; resource inventory and generation assessment; facility performance reporting and evaluations; technology research, development, demonstration, and deployment; the study of policy issues and implications; developing standards; research management; education and training; and extension and public outreach.*

[Department of Energy Microhydropower Systems information](#) - *The DOE has an informational handout available which reviews the components, uses and features of a microhydropower system.*

Hydropower Contractors/Consultants:

[Ecorps Consulting, Inc.](#) – based in Rocklin; serves Redlands, Rocklin, Santa Ana, San Diego

[NLine Energy](#) – based in El Dorado Hills

[Bennett Engineering Services](#) – based in Roseville

[Orenco Hydropower](#) – based in Palo Alto

[SBIW](#) – based in San Ramon

[Natel Energy](#) – based in Alameda

[Sierra Solar Systems PowerSpout hydropower](#) – based in Grass Valley, serving Grass Valley, Nevada City, Penn Valley, and North San Juan

[NLine Energy](#) – based in El Dorado Hills

[D&A Civil Engineering](#) – based in El Dorado Hills

Biomass:

[California Biomass Collaborative](#) - *California Biomass Collaborative is a statewide collaboration of government, industry, environmental groups, and educational institutions administered for the state by the University of California, Davis.*

[Alpine Biomass Committee](#) - *The ABC is a new collaborative group in Alpine County, California that believes that by improving forest and watershed health the risk of catastrophic wildfire can be reduced, and by using local labor to do this the local economy will benefit.*

[California Biomass Energy Alliance](#) - *The CBEA promote biomass energy as a means to reach the environmental and economic goals of California.*

[Sierra Energy FastOx](#) - *This company is developing FastOx gasification, a technology that turns trash into energy without burning.*

[Sierra Pacific Industries](#) - *The primary goal of SPI is to turn “wood waste” into energy for homes and businesses through cogeneration plants, producing over 150 megawatts of electrical power.*

[BioEnergy Producers Association](#) - *This association’s goal is to advance the development and commercialization of sustainable, environmentally preferable industries that produce alternative energy from agricultural, forestry, and urban sources of biomass and plastic wastes.*

[Wheelabrator Shasta](#) - *Located in Anderson, CA, it is one of northern California’s largest wood-fired power plants.*

Wind Power:

[California Public Utilities Commission Self-Generation Incentive Program](#) - *The CPUC’s Self-Generation Incentive Program (SGIP) provides incentives to support existing, new, and emerging distributed energy resources. SGIP provides rebates for qualifying distributed energy systems installed on the customer’s side of the utility meter.*

[California Wind Resource Maps](#) - *This statewide map shows operational wind projects over 1 MW.*

[California Wind Energy Collaborative](#) - *The CWEC is committed to supporting the development of safe, reliable, cost effective, and environmentally responsible wind power in California through: research, coordination and promotion.*

[Semitive Wind Power](#) – based in Mountain View

Geothermal:

[Geothermal Energy Research Funding](#) - *California Energy Commission promotes development of geothermal energy resources and technologies through research, development and demonstration partnerships and consultant contracts, as well as through financial assistance to eligible applicants via competitive project solicitations.*

[Geothermal Grant and Loan Program](#) - *Thirty percent of the State’s Geothermal Resources Development Account funds are available to the program to promote the development of new or existing geothermal resources and technologies.*

[California Geothermal Energy Collaborative](#) - *This collaborative helps to expand the sustainable use of geothermal resources to meet California’s energy needs through outreach and education and by supporting industry and research.*

[Martin Energetics Consulting](#) – based in Quincy

[Plumas-Sierra Rural Electric Co-op GeoExchange](#) – serving Plumas, Sierra, Lassen and Washoe counties

[Sierra Eco Systems](#) – serving Northern California and 100mi radius around Lake Tahoe