

To start the process . . .

Sign a statement of intent with Western to purchase RECs or renewable energy, specifying:

- Renewable product desired
- Quantity
- Location
- Maximum price
- Time frame of the agreement

See statement of intent at:

www.wapa.gov/powerm/doc/RfF501022007_final.doc

Next . . .

Western will work with your agency to acquire the desired product. Through contracts, including Interagency Agreements, Western will be authorized to purchase energy on your agency's behalf.

For more information, contact:

Western Area Power Administration

Randy Manion, Renewable Resource Program Manager
manion@wapa.gov 720-962-7423

National Renewable Energy Laboratory

Chandra Shah, Senior Project Leader, FEMP
chandra.shah@nrel.gov 303-384-7557

Federal Energy Management Program

Mark Reichhardt, Renewable Power Purchasing Lead
Mark.reichhardt@ee.doe.gov 202-586-4788
David McAndrew, Utility Program Lead
David.mcAndrew@ee.doe.gov 202-586-7722

Visit our Renewable Resources for Federal Agencies Web site at
<http://www.wapa.gov/powerm/pmtags.htm>

About Western

Western is a Federal power marketing administration that sells hydroelectric power in 15 states in the central and western United States. With power marketing authority and the authority of the Economy Act, Western can provide renewable resources to Federal agencies. Western's renewable resource services are provided based on actual costs.

For more information, visit our Web site at www.wapa.gov.

About FEMP

The Department of Energy's Federal Energy Management Program facilitates the Federal government's implementation of sound, cost-effective energy management and investment practices to enhance the nation's energy security and environmental stewardship. FEMP is available to assist Federal agencies with renewable purchases through Western's Federal renewable energy program.

For more information regarding FEMP's renewable program, visit the FEMP renewable Web site at www.eere.energy.gov/femp/renewable_energy/

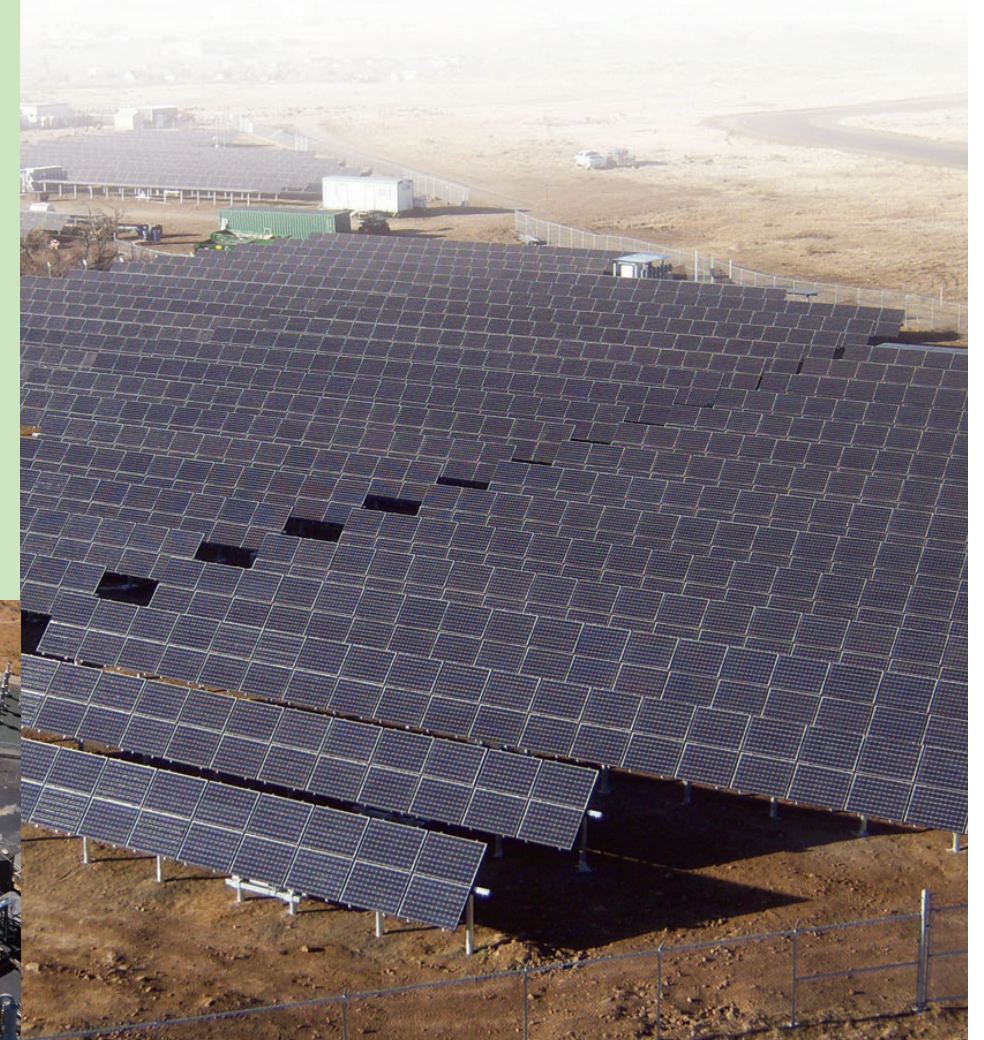
Environmental Protection Agency's Green Power Partners

Federal agencies that purchase renewable resources may also be eligible to join the Environmental Protection Agency's Green Power Partnership, a voluntary program designed to reduce the environmental impact of electricity generation by promoting renewable energy.

For details, see EPA's GPP Web site at www.epa.gov/greenpower/



RENEWABLE RESOURCES FOR FEDERAL AGENCIES



WHY PURCHASE RENEWABLE RESOURCES?

- Manage exposure to rising or volatile energy prices
- Support economic development
- Improve the environment
- Improve national energy security through increased use of domestic renewable fuels
- Receive a green light on your Energy Scorecard by meeting Energy Policy Act of 2005 Federal renewable energy use requirements and comply with Executive Order 13423
- Demonstrate Federal leadership by supporting a green economy

Renewable Resources for Federal Agencies

Western Area Power Administration (Western) and the Department of Energy's Federal Energy Management Program (FEMP) are working together to help Federal agencies meet renewable energy goals. Federal agencies can purchase renewable energy and its benefits through Western to improve their Annual Energy Scorecard, reduce emissions and foster markets for emerging technologies.

Western can work with your agency to procure renewable energy and renewable energy certificates generated in the United States through a competitive process, and pass the energy and/or benefits on to your agency. If you wish to host a renewable energy project on Federal facilities or Federal lands, Western can work with your agency on this type of project as well. The agency pays for the renewable energy/benefit at cost, plus a fee to cover the administrative cost of acquiring the renewable resources from a supplier. FEMP may be able to provide some funding to cover the administrative cost.

Meeting your energy goals

Three renewable resource products are available:

- Renewable energy certificates
- Renewable energy delivered to your site
- Renewable energy generated at your site

Renewable Energy Certificates (RECs)

RECs are the environmental attributes of power generated from renewable electric plants. No renewable energy is physically delivered to your site; you purchase only the environmental attributes of renewable generation. Western can facilitate the purchase of RECs for any Federal agency.

For sites where renewable power delivery is restricted because of physical or institutional barriers, this product may be your agency's best option.

Product benefits:

- No transmission or ancillary services are required
- No impact to your existing power supplier
- RECs are certified and verified 'green'

Renewable energy delivered to you

If you are a Federal agency and a Western customer within the Western/Bonneville Power Administration (BPA) territory, we may be able to buy and deliver renewable energy to your facility. Agency costs include renewable power generation, transmission (if needed), related ancillary services, distribution (if needed) and program administration. If your agency receives power from another utility, you will need to obtain the cooperation of that utility before arrangements can be made to deliver renewable energy from Western.

Product benefits:

- Manage potential price volatility of conventional power generation
- Clean energy delivered to your facility
- Long term power purchase contracts

Renewable Energy generated on your site

If your agency has a physical site for a renewable energy project within the Western/BPA territory and would be willing to host a third-party owner, Western can purchase the energy from that project and sell it to your agency under a long term contract. You will lease the land or license the site to the supplier. In most cases the supplier retains the renewable energy certificates. If this is the case, purchased energy will not count toward your Energy Scorecard. If Western also purchases the RECs from this project for your agency, you will receive bonus points on your Scorecard.

For these agreements to work, the agency needs:

- A third-party owner/operator selected by the agency through a competitive process
- Reasonably priced energy to meet site load
- Possible National Environmental Policy Act review
- Long-term power purchase contracts
- Risk mitigation strategy

The Renewable Energy supplier needs:

- Interconnection access for the renewable energy system
- Local utility support of the project
- Appropriate site and Federal site lease or license
- Financial incentives (tax benefits, rebates from state or local utility, etc.)
- Purchaser for the RECs from the project
- Project financing
- Long-term power purchase contract

Product benefits:

- Use Federal land and facilities for renewable energy development
- No capital costs for onsite generation
- Manage potential price volatility of conventional power generation
- Power can be purchased long term
- Public/private partnership

For more details on purchasing RECs or renewable energy for your specific situation, contact anyone listed on the back of this brochure.

Recent purchases

- In 2007, Western purchased energy from 3Phases Energy LLC on behalf of Fort Carson Army Base, Colo. The 2-MW solar array is located on Fort Carson land.
- In 2007, Western purchased RECs from Element Markets LLC on behalf of Los Alamos National Laboratories in New Mexico and the Rocky Mountain Oilfield Testing Center in Wyoming.
- In 2006, Western purchased RECs from 3 Degrees on behalf of five Federal facilities in the West: Environmental Protection Agency, Colo.; Fort Lewis, Wash.; NASA Ames Research Center, Calif.; NASA Ames East side Airfield, Calif.; U.S. Forest Service Rocky Mountain Region, Colo.
- In 2009, Western purchased renewable energy from SunEdison on behalf of the National Renewable Energy Laboratory (NREL) for 20 years. The SunEdison 720-kW solar array is located at NREL in Golden, Colo.