

Renewable Energy Catalog of Services

Boyan Kovacic, FEMP



U.S. DEPARTMENT OF
ENERGY

Energy Efficiency &
Renewable Energy

FEMP
Federal Energy Management Program

Federal Energy Management Program

FEMP works with key individuals to accomplish energy change within organizations by bringing expertise from all levels of project and policy implementation to enable Federal Agencies to meet energy related goals and to provide energy leadership to the country.



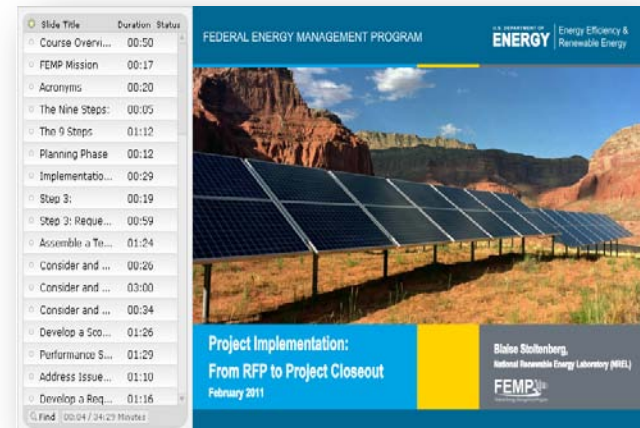
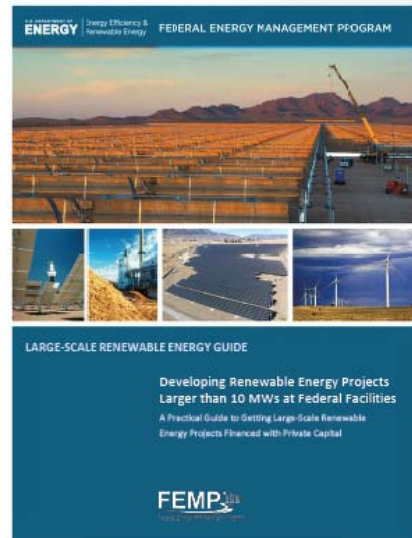
Federal Agency Renewable Energy

- Federal RE goals:
 - 7.5% of total electricity must come from renewable electricity by 2013 and beyond
 - 28% reduction in greenhouse gas emissions by 2020
- FEMP's RE Technical Assistance Program can help Federal agencies with almost any step of an on-site renewable energy project



RE Catalog of Services

- Outlines all 14 project planning and implementation services
- 1 page per service
 - When do you need it
 - Description of service
 - End result
 - How to order
 - Next step
 - Information resources
 - Tools
 - Guides
 - Training



Planning Phase Assistance

- Policy/program support
- Prescreening
- Screening
- Feasibility study
- Distributed generation/
grid integration
- High-performance green
building construction or
renovation
- Large- and utility-scale
project planning
- Acquisition strategy

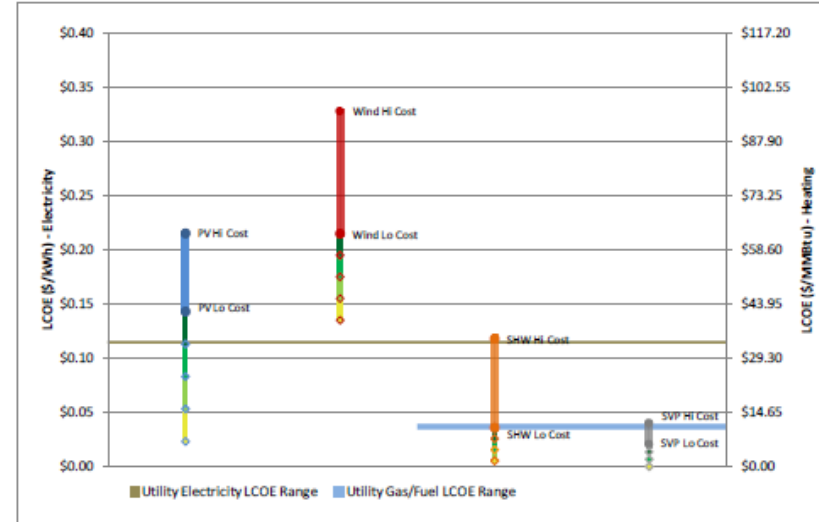


Figure 2. Chart of expected ranges of LCOEs



Implementation Phase Assistance

- Request for proposal and/or proposal review
- Contract assistance
- Design review
- Construction assistance
- Acceptance testing and commissioning
- Performance period (O&M and M&V)



Thank You

U.S. DEPARTMENT OF ENERGY Energy Efficiency & Renewable Energy

Federal Energy Management Program

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Renewable Energy Project Assistance

FEMP provides ongoing renewable energy project assistance and expertise in project assessment and implementation areas to help Federal agencies identify and implement renewable energy technologies. Learn about the types of project assistance available, how project assistance is funded, the application process, selection criteria, and reporting requirements.

Types of Project Assistance

Areas of renewable energy project assistance and expertise FEMP provides include:

- Initial prescreening of cost-effective technologies for a given site based on high-level information, such as GIS maps of renewable energy resources and prevailing utility rates and incentives
- Screenings and more detailed feasibility studies that identify and recommend the best opportunities at a site or sites
- Early project development for large-scale and utility-scale projects
- Technical review of requests for proposal, scopes of work, and proposals
- Technical review of designs
- Acceptance testing and commissioning
- Drafting protocols for operations and maintenance and measurement and verification
- Renewable energy support for high-performance green buildings

Request to Receive Project Assistance from FEMP
Federal agencies interested in receiving FEMP project assistance must complete the [renewable energy project assistance request form](#). Email the form to [Boyan Kovacic](#). Applications will be processed on a weekly basis.

How Project Assistance is Funded

Equipment, hardware, or infrastructure is not funded through FEMP's renewable energy project assistance.

Successful applicants will not receive funding directly. Funding will be provided directly by the U.S. Department of Energy (DOE) to its national laboratories and contractors to provide project assistance.

Federal agencies can also access DOE national laboratory services directly through work for others (WFO) agreements. In a WFO agreement, an agency transfers funds to a lab for the provision of services. Labs can provide all services listed above with an emphasis on particular technologies and core expertise. Key lab staff can also be detailed to work within agencies for a limited duration (normally no more than 24 months). [Read more about working with DOE national laboratories](#).

National laboratories do not compete with the private sector, but rather help Federal agencies get what they need from private sector sources. Federal agencies can purchase many of these technical services from private contractors through the [General Services Administration Schedule](#).

Application Process

Federal agencies interested in receiving FEMP renewable energy project assistance must complete the [renewable energy project assistance request form](#). The completed form should be emailed to [Boyan Kovacic](#).

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http://www1.eere.energy.gov/femp/technologies/renewable_assistance.html