



Small Scale Solar Funding 2014 Block III

Applications due by October 28, 2014

Request for Projects

RI Renewable Energy Fund

RI Commerce Corporation

Please note: Late applications will not be accepted. A complete hard copy **and** a complete electronic copy must be submitted on or before the due date.

Small Scale Solar Funding: Solar Photovoltaic and Solar Domestic Hot Water

Items highlighted in green indicate additions since Block II.

PURPOSE:

The Rhode Island Commerce Corporation seeks to fund small scale solar projects. All projects must be in accordance with the 2014-2016 Rules and Regulations for the Renewable Energy Fund Development Programs. Applications may apply for a maximum of 20 projects. All applications for project funding should be submitted on forms found on the Corporation's website.

ELIGIBLE TECHNOLOGIES:

- Solar Photovoltaic (PV)
- Solar Domestic Hot Water (SDHW)

ELIGIBLE SECTORS:

- Residential
- Businesses
- Affordable Housing
- Non-profits

PROJECT FUNDING:

Solar PV: Commerce RI will award grant money based on the rated DC capacity per solar project.

- \$1.25/W
- Maximum \$10,000.00 per individual project

SDHW: Commerce RI will award grants based on the total contract price to install the system.

- 25% of total contract price
- Maximum funding level is capped at \$5000.00 per housing or small business unit.

GENERAL REQUIREMENTS:

1. The applicant should be a solar contractor, 3rd party finance company, or other professional entity approved by Commerce RI.
2. Each application should contain no more than 20 individual solar PV and/or SDHW projects. No minimum number of projects is required.

For Each Individual Project:

1. **A signed turnkey contract** between the project site owner and a renewable energy installer or developer must be included with the application. The contract should be contingent upon receiving funding from Commerce RI's Renewable Energy Fund.
2. **ROI/simple payback** using the following assumptions must be included with application:
 - a. No more than a 3% utility inflation rate
 - b. No less than a 0.5% panel degradation rate

3. A complete copy of the project location's **electric bill**. If new construction, please submit a copy of the "request for service" from National Grid.
4. **A layout drawing** of the project showing location of all major components.
5. **One (1) aerial image** of the site from Microsoft Virtual Earth, Google Earth, or similar source with the building or site clearly identified
6. **One (1) photo** of the project location taken from the south looking northward toward the building or site
7. **Shade-analysis** demonstrating that the project will output at least 80% of the energy available utilizing the site's optimum conditions, taking into account shading, orientation, and inclination. This can be shown with an average **TSRF of at least 80%** when measured from the corners of an array using a Solmetric SunEye. If using a Solar Pathfinder the **Actual Shaded Solar Radiation must be at least 80%**. Please submit photos from four (4) corners of the array and the shade analysis report. **Please indicate which trees in the photos have been removed/trimmed or will be removed/trimmed by the time of project completion.**
8. **Manufacturer's specifications** for panels to be installed
9. **Manufacturer's specifications** for inverter(s) to be installed
10. For PV only: One-line or three-line **electrical drawing** must be included with application.
11. For SDHW only: Cross-section drawing of roof showing the size, spacing, and rafter run.
12. **Final Inspection:** Commerce RI reserves the right to inspect all projects before final funding is released.
13. **Energy Audit:** Project site owners must have an energy audit completed by as a condition of final funding. Proof must be included with final check request.
14. Projects must be completed within **twelve (12) months** of contract signing.