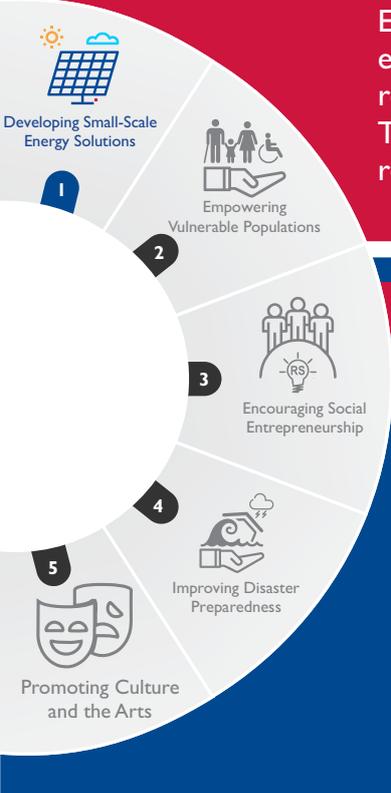


Energy Solutions grant funds may be used to provide training and technical assistance, equipment and supplies, events and community awareness-raising. Educational and research initiatives could also be funded, but construction activities cannot be funded. Therefore, equipment installation must not require any structural support, alteration or renovation of existing structures, limiting this category of grants significantly.



Grant Application Approach

Energy Solutions grant applications should address the following questions:

1. What is the local energy problem that you want to help solve? Why is it important? Does the government have plans to electrify this location in the near future?
2. How have women and men in the community been consulted in planning the project?
3. What are the technical specifications of the energy solution(s) you want to introduce?
4. How many people (women, men, girls and boys) will the planned activities benefit directly? How will they benefit (including how much energy will be generated)?
5. How will the benefits be sustained after the project ends, especially for repair and maintenance of any technical equipment?

Small-scale Energy Solutions Include:

Wind



Water



Solar



Energy-efficient stoves



Bio-briquettes



Grant Project Example

ABC Development Society plans to provide 100 solar lanterns and 100 solar panel systems to households in five remote desert villages in XYZ district in Balochistan. The relevant government department confirms that they do not plan to connect these communities with the national grid in the near future. Female and male leaders in each village have been consulted, and they agreed that solar energy solutions would be most effective for them.

ABC conducted a small survey to determine the energy needs of an average household in the area. They also researched the technical specifications and costs of various solar energy products available in Pakistan. ABC has procedures to ensure a transparent procurement process.

The solar lanterns and panels are distributed and installed in one village at a time. ABC leads informational sessions for every person in the village (including women, men, girls and boys) so that everyone will know how to safely use and maintain the lanterns and panels. In addition, community leaders in each village select five men to attend a more detailed training on installation, maintenance and repair of the equipment. These 25 men travel to the nearest town to visit market traders with required supplies and electricians with relevant experience.

One hundred households in five villages now have light and power. Women and men can work at home in the evenings on income-generating activities. School children can study their lessons. People can charge their phone batteries, do household chores and tend to livestock in the light. Adults and children have useful knowledge about their equipment and solar energy. In addition, 25 men have new skills for earning extra income. The project ends, but the impact for the women and men of the XYZ community continues.

Developing Small-Scale Energy Solutions

