



SUSTAINABLE
ENERGY FOR ALL

ENERGY ACCESS
PRACTITIONER NETWORK

Overview of energy storage options for long-term sustainability in rural electrification projects

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Webinar: “Off-Grid Energy Storage”

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Sustainable Energy for All Initiative

1.3 billion people worldwide are without access to electricity, and a billion more have only intermittent access. **2.8 billion** people lack access to clean cooking solutions.

In response, UN Secretary-General Ban Ki-moon launched a new initiative in 2011 by the same name, calling on governments, businesses, and civil society to make commitments to action to accomplish **three objectives** by 2030:

 **ENSURING**
universal access
TO MODERN ENERGY
SERVICES.

 **DOUBLING THE GLOBAL
RATE OF IMPROVEMENT IN**
*energy
efficiency.*

 **DOUBLING THE SHARE OF**
renewable energy
IN THE GLOBAL
ENERGY MIX.

The UN General Assembly Member States have unanimously declared 2014-2024 as the **Decade of Sustainable Energy for All.**



Energy Access Practitioner Network

- As part of Sustainable Energy for All, the United Nations Foundation launched a global **Energy Access Practitioner Network** in 2011, with rapid growth to 1,400 members.
- The Network focuses on **market-based sustainable energy applications**, emphasizing mini- & off-grid solutions, and **catalyzing energy service delivery at country level** towards the achievement of universal energy access.
- It promotes adoption of new technologies, advocacy around supportive regulatory and policy environments for off-grid, **innovative financial and business models** & disseminating best practices.
- Operates as a “**network of networks**”.



Practitioner Network & energy storage

- The International Energy Agency estimates that micro-grid & decentralized energy solutions will be the pathway to electricity access for roughly **60 percent** of the people who now lack it.
- Off-grid energy storage technologies will be crucial in effectively meeting this challenge to produce **well-performing systems** that provide efficient access to modern forms of energy.
- In a recent survey, **26%** of a sample group of Practitioner Network members reported working on energy storage.

*The webinar will provide a comprehensive overview of technical innovations and discuss challenges on the ground. **The Alliance for Rural Electrification** (ARE), an Energy Access Practitioner Network member, will present its new position paper on off-grid storage followed by presentations of specific case studies by three ARE members, who are also members of the Practitioner Network.*

