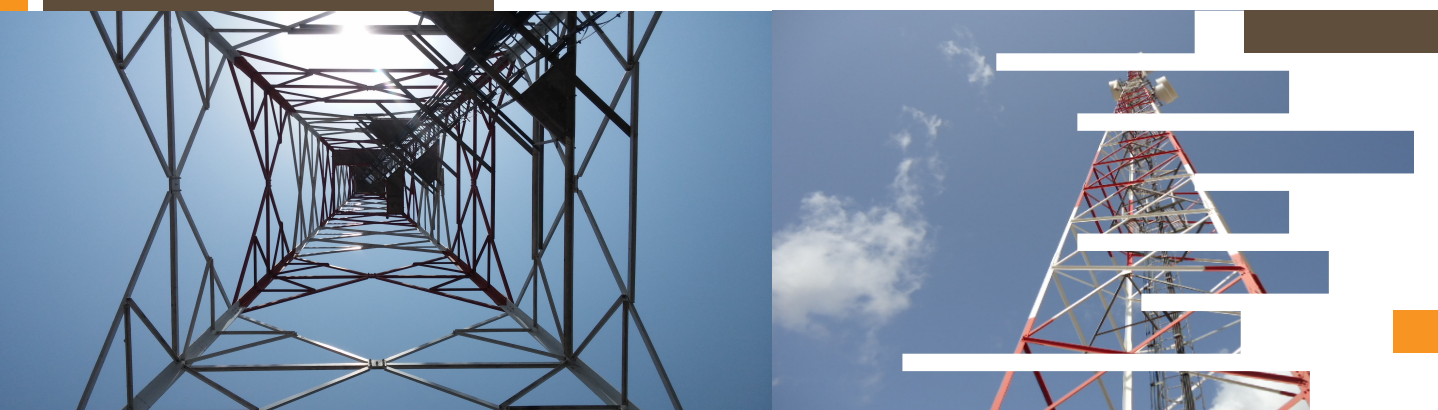




Solar Energy for Rural Telecom Towers and Surrounding Villages

**Client:**

Energy and Environment Partnership / Southern and Eastern Africa (EEP)

Location:

Kenya

Start Date:

January 2014

Completion Date:

December 2014

Key Services:

- ▷ Feasibility Study
- ▷ Data analysis
- ▷ Site surveys
- ▷ Design of energy system
- ▷ Created bankable business plan
- ▷ Developed tender documents
- ▷ Prepared business licenses/permits

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In 2014, ASD was hired by the Entergy and Environment Partnership (EEP) to conduct a feasibility study on the development of a rural Energy Service Company (ESCO) to cater for the energy needs of both off-grid telecom base stations (BTS) and communities around them.

OVERVIEW

ASD evaluated the base telecom station sites through preliminary data analysis and site surveys and designed a suitable and cost-effective energy system to integrate to existing power infrastructure including a resource assessment and financial modeling. ASD also ran stakeholder engagements with target community leaders. During the project ASD also produced a bankable business plan, tender documents, draft off-taker contracts, and business licenses/permits.