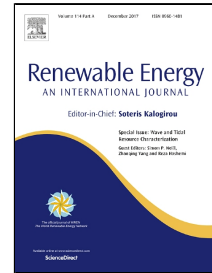


Accepted Manuscript

Cost-Security Analysis Dedicated for the Off-grid Electricity System

Shoki Kosai, Eiji Yamasue



PII: S0960-1481(17)30886-8
DOI: 10.1016/j.renene.2017.09.024
Reference: RENE 9222
To appear in: *Renewable Energy*
Received Date: 10 March 2017
Revised Date: 04 September 2017
Accepted Date: 07 September 2017

Please cite this article as: Shoki Kosai, Eiji Yamasue, Cost-Security Analysis Dedicated for the Off-grid Electricity System, *Renewable Energy* (2017), doi: 10.1016/j.renene.2017.09.024

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

- The power security aspect of electricity reliability dedicated for off-grid system is analyzed based on the impact of sudden system failure.
- The methodology for the design of appropriate installed capacity combination between renewable energy and storage technology is established.
- The sensitivity testing is conducted to measure the impact of uncertainties arising from the determination of weighting factor.

Download English Version:

<https://daneshyari.com/en/article/6765296>

Download Persian Version:

<https://daneshyari.com/article/6765296>

[Daneshyari.com](https://daneshyari.com)