



## High level technical design and economic assessment of renewable energy solutions for radio base stations

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GRIN Verlag Nov 2008, 2008. Taschenbuch. Book Condition: Neu. 210x148x3 mm. This item is printed on demand - Print on Demand Neuware - Seminar paper from the year 2008 in the subject Electrotechnology, grade: 1.0, University of Kassel, course: Studienmodul 'Anlagenplaner erneuerbare Energien' des Studiums 'E+U', language: English, abstract: This document describes a high level technical design for and the economic assessment of renewable energy solutions for radio base stations (RBS). It proposes a way forward in the development of 'hybrid' solutions with renewable energy sources (RES) for off-grid RBS sites. The main purpose of this document is to provide initial practical, technical and economic guidance. The following sections outline the specific requirements of mobile operators and provide specific technical guidance for the selection and implementation of the elements of a hybrid system. This information will enable mobile operators without any detailed technical and commercial knowledge to develop initial ideas on the design of such a system and provide them with a common basis for further discussion, evaluation and benchmarking. References to external documents in the glossary are in square brackets [ ] and cross links to specific sections of this document are indicated as follows: section\_name. Note: this document...



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