

Understanding Renewable Energy Systems

This document provides a brief overview of renewable energy sources such as solar, wind, and hydropower. Its purpose is to explain why these technologies play a critical role in sustainable development.

Solar energy uses photovoltaic panels to convert sunlight into electricity.

Wind energy relies on wind turbines installed on land or offshore locations.

Hydropower generates energy by using flowing water in rivers or dams.

The goal of this document is to give the reader a basic understanding of how renewable energy works and why it is important for the future.