



Keren Energy: Daily Energy Monitoring for Hotels

A holistic approach

Keren Energy has developed a holistic approach to saving energy that combines daily monitoring leading to the real game changer that is the public awareness and participation. It aims to introduce an energy management system (EnMS) in the hospitality industry, specifically tailored for service organizations in line with the ISO 50001 standard.

The project aims to bridge the gap and address the lack of energy management practices in hotels. It seeks to provide a tool for measuring key performance indicators (KPIs) and monitoring energy and water consumption on a daily basis.

Ongoing optimization

Real-time data from electric and water meters is utilized to help hotel owners and employees understand their resource usage and its impact on monthly bills.

The innovation focuses on setting efficiency targets for energy and water consumption reduction, aiming for a 10% decrease in energy consumption per room and a 7% decrease in water consumption per room.

Daily targets are established, and hotel staff are trained in best practices to achieve these targets. The monitoring of KPIs provide a clear understanding of whether the set goals are being achieved.