

FARADAI PLATFORM

ENERGY & SUSTAINABILITY INTELLIGENCE



BOSS
HUGO BOSS



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COMMERCIAL BUILDINGS



RETAIL



BANK



MALL



SUPERMARKET



RESTAURANT



HOTEL



UTILITY



MUNICIPALITY



PUBLIC



HOSPITAL



TELECOM



EDUCATION

10

COUNTRIES

8000

FACILITIES
MONITORED

5M

REAL TIME
DATA STREAM

1.2

GIGATON CO2
FOOTPRINT
REDUCTION

FARADAI PLATFORM digitalizes
energy management and provides
tangible energy savings!



ENERGY & SUSTAINABILITY
INTELLIGENCE

We are working for
increasing energy efficiency and
environmental sustainability!

**FARADAI
PLATFORM**

www.faradai.ai

WHAT IS FARADAI PLATFORM?

Faradai Platform is a cloud-based energy data analytics platform for energy management of commercial buildings and industrial facilities. The Platform collects, analyses, visualizes and turns all the energy and operational related data into actionable intelligence in real time. Analytical intelligence provides intelligent guidance to decrease your energy costs and increase operational efficiency.



ENERGY SAVING



UTILITY BILL MANAGEMENT



OPERATIONAL EFFICIENCY



PREDICTIVE MAINTENANCE



ENERGY & SUSTAINABILITY INTELLIGENCE

BUSINESS INTELLIGENCE MODULES

Energy Performance Analysis: Operational anomalies of electrical and mechanical systems are detected and up to 30% savings can be obtained.

Alarm Management: Anomalies of critical systems and excessive consumption values are diagnosed real time with the mobile application by means of push notification, SMS or E-mail delivery. *Pepsico, instantly interfered with gas alarms and eliminated the possible threats.*

Utility Bill Management: This module provides easy management for electric, water, and natural gas billing and helps you selecting the correct energy supplier which will decrease your energy costs up to 15%.

Portfolio Management: Accessing the of all locations using a unique platform and consumption, sensor and sub-metering data utilizing automated alarm management and reporting provides 1000 man-hour savings per year. *Bank Audi managed all energy systems including UPS, generator, compensation, IT rooms from unique platform and increased operational efficiency by 60%.*



INDOOR AIR QUALITY



ILLUMINATION SYSTEM

Critical Power Infrastructure Management: Power failure will cause material losses as well as customer satisfaction problems due to the losses in production activities and customer operations. All parameters of UPS and generators are monitored real time and anomalies could be detected. You can minimize power failure events.

Measurement & Verification: Benefit-cost and ROI analysis of your energy efficiency projects can be calculated based on IPMVP protocol and you can manage your energy investments better. *BNP Paribas, took the decision of renewing the illumination systems with LED and manage after retrofit using the automated M&V calculations on the platform.*



GENERATOR



SOLAR ENERGY



FLOWMETER CALORIMETER



COGENERATION/ TRIGENERATION



HEATING SYSTEM



SPLIT AIR CONDITIONER



EV CHARGING STATIONS



COOLING SYSTEM



ENERGY MEASUREMENT



COMPENSATION PANEL



UPS ENERGY STORAGE



HVAC PANELS

About Faradai

Faradai Platform is a top-notch Energy & Sustainability Intelligence solution for enterprises. Faradai is a high-tech company with strong engineering team based in London. Faradai Platform is an AI and cloud-based PaaS data analytics solution for commercial buildings, industrial facilities, and renewable energy plants. Already collecting data from thousands of buildings, facilities and plants in 10 different countries with more than 100 references.

The data science-centric Faradai Platform employs machine learning algorithms and big data analytics in order to provide energy saving, operational efficiency, energy procurement optimization, predictive maintenance, and sustainability management for its customers.

We also provide the following benefits;

- Detecting and decreasing your invisible energy costs - up to 15%
- Increase your efficiency measure and operational efficiency – up to 60%
- Calculating indoor well-being and providing sustainability measures
- Reducing Carbon footprint & emission and save the planet