



**EQACC SOLAR**

# **On-site Energy**



## Overview

---

### Who is on-site energy?

On-Site Energy was founded to support energy intensive manufacturers to achieve their sustainability goals whilst minimising their energy costs. We have delivered over £17m of projects to date and are in construction or development on £80m of further projects. On-Site Energy operate with the 3 pillars, sustainability, enablement, and innovation.

### What is on-site energy & how does it work?

On-site generation reduces these risks by producing energy directly at the facility, lowering transmission losses and offering the flexibility to operate in tandem with or independently from the grid. What's Driving The Shift To On-Site Energy?

There are several factors contributing to the widespread adoption of distributed generation, including:

### What is on-site power generation & why is it important?

On-site power generation is becoming a core strategy for large energy users to manage rising capacity costs, protect against outages, and advance sustainability initiatives. Whether through solar, CHP, batteries, or a hybrid approach, businesses have more tools than ever to take control of their energy future.

### What are the top energy technologies for on-site generation?

The top energy technologies leading the way when it comes to on-site generation include: Rooftop solar remains one of the most accessible and cost-effective ways to generate on-site power, particularly for facilities with high daytime energy usage.

## On-site Energy

---

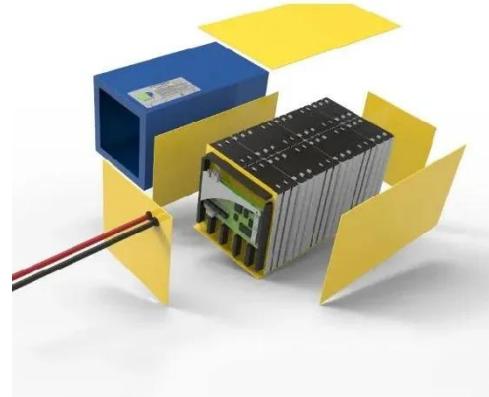


### A Brief Overview Of Onsite Energy Systems

Building the Energy Future As we move into the 21st century, the energy industry will become less about massive, centralized systems ...

### Onsite Energy Program: Technical Assistance to Adopt ...

Onsite energy encompasses a broad range of technologies that are suitable to serve large energy loads, including battery storage, combined heat and power, district energy, ...



### How China adds more renewable energy than any other ...

China's approach to renewable energy buildout combines large-scale investment, technological innovation and market reform. China is installing more renewables than any ...

## Onsite Fuels and Energy Sources Basics

Onsite fuels are materials that, when burned, provide thermal energy to directly heat industrial processes, to produce steam, or to generate electricity for industrial facilities, such ...



## How Data Centers Redefined Energy and Power in 2025

In 2025, AI demand drove data centers toward on-site power, BESS, and nuclear options, while grid delays increased. Here are the top trends that mattered.

## About Us

On-Site Energy about us Working towards a zero carbon future On-Site Energy was founded to support energy intensive manufacturers to achieve their sustainability goals whilst minimising ...



## A Brief Overview Of Onsite Energy Systems

Building the Energy Future As we move into the 21st century, the energy industry will become less about massive, centralized systems and more about

networks of smaller, ...



---

## Maximizing the Benefits of On-Site Renewable Energy ...

Introduction Installing on-site renewable energy systems is a common strategy facility owners can use to save money, reduce their greenhouse gas emissions, and add ...



- IP65/IP55 OUTDOOR CABINET
- OUTDOOR MODULE CABINET
- OUTDOOR 5G BASE STATION CABINET
- WATERPROOF



## Powering next-gen modular data centers

Build scalable, sustainable data centers faster with integrated onsite power from Siemens Energy and Eaton.

---

## How Businesses Are Using On-Site Power to ...

Discover how large energy users are turning to on-site power generation to offset rising capacity costs, improve reliability, and meet ...



## How Businesses Are Using On-Site Power to Lower Costs

Discover how large energy users are turning to on-site power generation to offset rising capacity costs, improve reliability, and meet green goals.

## Home

We deliver best-fit solutions to reduce costs and carbon emissions for energy-intensive industry On-Site Energy technology Zero Capex Sustainability Working towards a zero carbon future ...



## Contact Us

For catalog requests, pricing, or partnerships, please visit:  
<https://eqacc.co.za>