Smart Energy Connect

CLP Digital Services

Our Mission

CLP's **mission** is to provide sustainable energy solutions to create value for shareholders, customers, employees, and the wider community.

To Build A Utility Of The Future

Decarbonisation and **digitalisation** are at the core of CLP's business strategy, and **sustainability** is fully integrated into this strategy.

CLP'S KEY TARGETS AND COMMITMENTS

BY 2030	BY 2040	BY 2050
▶ Meet science-based GHG emissions intensity targets	▶ Phase out coal-based assets	▶ Achieve net-zero GHG emissions across CLP's value chain
0.3 kg CO_2e/kWh ▼**52**% from 2019	**0.1** kg CO_2e/kWh ▼**84**% from 2019	NET-ZERO

No additional coal-fired generation assets

Optimise CLP's fuel mix and invest more in clean energy

Strengthen CLP's decarbonisation targets at least every five years

Pursue further opportunities in transmission and distribution, smart energy services and other prominent transition enablers

Support customers in using energy more efficiently and backing renewable energy development

About Smart Energy Connect

Smart Energy
Connect

powered by **CLP**

Product Sourcing, Validation, Trials

Cloud and Technology Development

Customer Success

Smart Energy Connect is the digital platform that offers customers a wide range of end-to-end energy management solutions resulting in the enhancement of both energy and operation efficiency.

Product Development for Decarbonisation

Product portfolio covers the whole value-chain of energy consumption

Accessibilities to Renewable Energy

(e.g. 24/7 RE PPA)

Wiser Transmission & Distribution
(e.g. Load Prediction)

Greener Alternative

(e.g. EV)

Better Use of Energy

(e.g. Building Energy Management)

Connectivity to Smart Living

(e.g. products for Residential or SME)

Curbing Carbon

(e.g. CLP Carbon Credits)

| Generation | Grid and Storage | Electrification | Energy Efficiency | Retail Solutions | Advancing Net Zero |
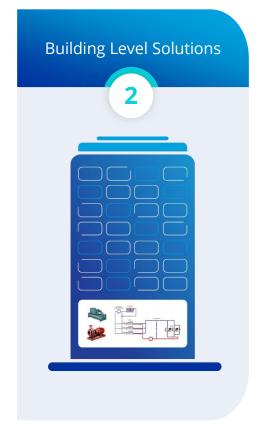
Building Management Products

Multi-Buildings

1

Building Level Solutions

2

Inside Building

3
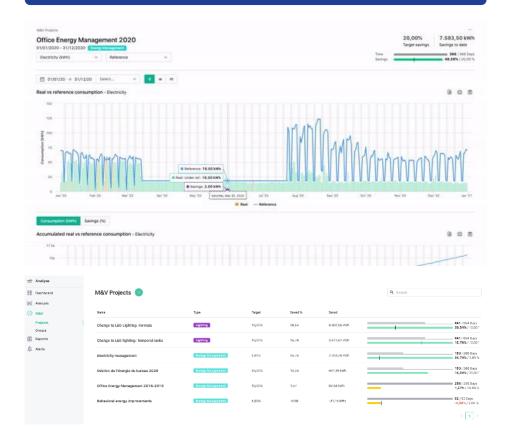
Building Portfolio

Multi-Buildings

1

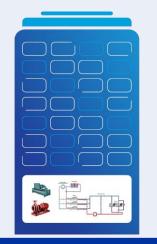Energy Visibility, Measurement & Verification

Building Level Solutions
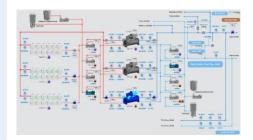
Building Level Solutions

2

Building Analytics
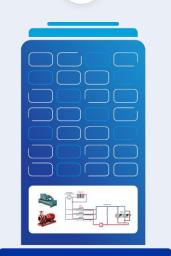
Asset Management

Chiller Plant Optimisation

PlantPRO

Building Level Solutions

2

AI-based chiller plant control and optimisation system

AI

+

On-premise Edge Computing

Key Features:

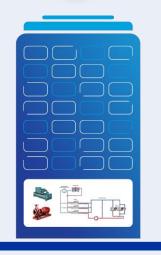| Control and Automation	Measurement and Verification	Machine Learning Data Models	Detection of System Faults	Report and Chart Builder

Building Scope

Building Level Solutions

2

AI-based Fault Detection and Diagnosis (FDD) system for building analytics

AI

+

Cloud-based Computing

Key Features:

Data Tracking and Comparison

Asset Management (Maintenance, Equipment Use and Live Diagnostic)

Automated Machine Learning Algorithms

Customised KPI Management

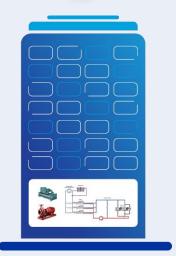Report and Chart Builder

Work Order Management

FacilityFlo

Intelligent Apps for your Facility & Asset Management

Reporter

Technicians

Supervisor/ Managers

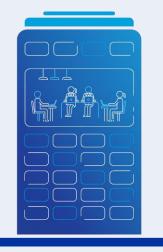**GO PAPERLESS**

SAVE TIME

TRACKING & REPORTING

Indoor Environment Management

Inside Building

3

Automation, Metering, Indoor Cooling Orchestration, Air Quality Monitoring, Space Management

Thank You

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