



URBAN ENERGY INFRASTRUCTURE & TECHNOLOGY

City Energy Projects

Connect city energy needs with practical engineering and equipment capability.

SPEAK · EXHIBIT · VISIT · COOPERATE

Define a measurable city-energy challenge

City Energy Projects invites city authorities, infrastructure operators and utility teams to identify authorised energy-service needs and explore relevant technologies.



Reliable public services

Power resilience for essential facilities, utility assets and municipal infrastructure.

Asset lifecycle

Maintenance, inspection, spare parts, training and service models aligned with operating conditions.

Performance objectives

Define energy saving, reliability, system integration or emissions outcomes before choosing technology.

Governance & delivery

Clarify ownership, procurement route, permits and funding readiness with the responsible authority.

Photos illustrate sectors and activities, not confirmed UKIEE project locations or guaranteed participation. Subject to current event status and the organiser's approval.

Networks, protection, storage and grid services

From substations to microgrids, urban electricity infrastructure depends on coordinated engineering, hardware, software and operational expertise.



Distribution networks

Substations, switchgear, protection relays, cables, transformers and grid operations.

Microgrids & resilience

Distributed power, storage, islanding, monitoring and backup power for critical infrastructure.

Metering & controls

Digital metering, predictive maintenance, demand optimisation and cybersecurity.

Engineering & testing

Planning, installation, commissioning, grid-code compliance and operational safety.

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Energy solutions beyond electricity alone

Urban energy improvement often crosses building, thermal, mobility, water and public-space systems. City and utility owners should state practical objectives and ownership.



Efficient public buildings

Controls, heat pumps, heating, cooling, energy metering and refurbishment.

District energy

Network design, thermal stores, integration, efficient plant and maintenance.

Transport infrastructure

Charging equipment, grid connections, depots, storage and municipal fleet support.

Water & lighting

Efficient pumping, resilient energy for utilities, street lighting and critical controls.

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Bring evidence, not unverified promises

The most useful discussion starts with a defined problem and ends with an accountable technical next step.



1. Identify the owner

Clarify the authority responsible for the network, buildings or service.

2. Define the baseline

Explain current assets, load, constraints, location and desired operating improvement.

3. Compare credible options

Review references, standards, integration, local servicing and lifecycle costs.

4. Define follow-up

Consider a feasibility review, site assessment or agreed technical pilot.

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EXHIBIT, CONTRIBUTE OR BRING A CITY NEED

Discover the relevant participation route for urban energy infrastructure.

Request current exhibitor options, introduce an authorised project need or register professional interest. Participation and meetings are not guaranteed.

WWW.UKIEE.COM/CITY-ENERGY-PROJECTS/

City owners • Utilities • Technology suppliers • Engineering partners