



BUILDING ELECTRICITY MANAGEMENT

Optimizing
electricity
consumption

Services



Challenges ●●●

With an increasing number of requirements for electricity in buildings, facilities, building and maintenance managers are faced with new challenges:

GUARANTEE OCCUPANT COMFORT BY:

- Improving the quality of life or work inside buildings.
- Ensuring seamless, uninterrupted operation of electrical installations.

ENSURE PEOPLE AND PROPERTY SAFETY BY:

- Providing reliable electricity distribution inside buildings.
- Guaranteeing the availability of backup electricity and safety installations, such as intruder surveillance, fire detection and safety lighting.
- Managing health hazards related to water and air quality inside buildings, including Legionella and bacteria.

MANAGE COSTS BY:

- Monitoring electricity applications and tailoring them to real building requirements.
- Managing delivery capacity and optimizing electricity consumption and bills.
- Taking advantage of opportunities arising from electricity market deregulation.
- Identifying and implementing long-term energy saving solutions.



Dalkia's services

We provide reliable electrical installations



We optimize the quality and cost of electricity use



We rationalize building management



We ensure secure electricity supply



● WE OPTIMIZE THE QUALITY AND COST OF ELECTRICITY USE BY:

- **Guaranteeing occupant comfort.** To improve occupant comfort, we guarantee high-quality electricity applications, delivering optimum temperatures, superior indoor lighting, continuous availability of installations and more.
- **Managing costs.** To ensure contractual cost management, our experts analyze your electricity installations and consumption to recommend energy management solutions, as well as guaranteed savings as part of a flat-rate electricity package.

● WE PROVIDE RELIABLE ELECTRICAL INSTALLATIONS BY:

- **Improving installation availability.** Thanks to preventive maintenance tailored to the electrical equipment concerned, Dalkia can optimize installation operation and availability. Under the refurbishment and replacement package, we schedule and implement the replacement of defective parts, thereby reducing downtime.
- **Ensuring quick fault repair.** Our customer relations centre operates 24/7 and immediately relays requests for fault repairs to the technician responsible for the installations, ensuring a quick response.

● WE ENSURE SECURE ELECTRICITY SUPPLY BY:

- **Enhancing the reliability of indoor electrical networks.** Our experts audit distribution installations to determine whether the system is reliable and recommend measures to enhance safety or upgrade installations to conform to standards.
- **Guaranteeing uninterrupted electricity supply.** By conducting specific analyses and performing regular tests and rigorous maintenance of backup systems, such as generators, flywheels and batteries, we ensure that buildings have a reliable electricity supply.

● WE RATIONALIZE BUILDING MANAGEMENT BY:

- **Simplifying management of occupancy costs.** As the sole interface, we manage all electrical installations and ensure sourcing from electricity suppliers, in regulated and deregulated markets, under a flat-rate package that makes it easier to calculate and allocate occupancy costs.
- **Enhancing the value of existing assets.** Thanks to the maintenance techniques developed by Dalkia, equipment continues to deliver its original performance and the value of assets is enhanced. Our teams also look at ways to improve energy management systems and upgrade electrical installations. They can provide advice on appropriate technical solutions and financial arrangements.



Dalkia's solutions ●●●

OCCUPANT COMFORT IS GUARANTEED BY:

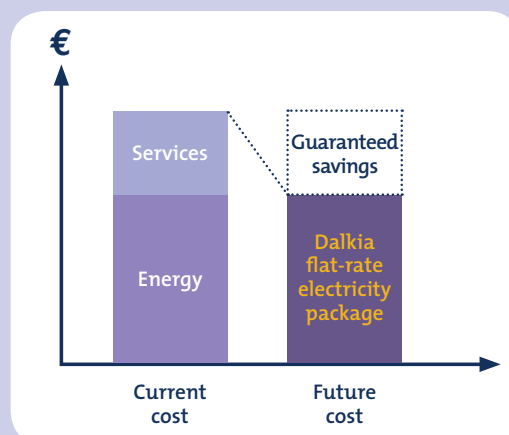
- Monitoring indoor comfort parameters, such as temperature and lighting.
- Performing preventive maintenance and inspection of distribution networks and electrical installations.

RISKS ARE PREVENTED BY:

- Auditing, enhancing and upgrading electricity networks to standards.
- Providing preventive maintenance of backup generators, UPS systems and safety equipment.
- Preventing health hazards associated with Legionella and maintaining ventilation and air conditioning systems to improve air quality inside buildings.

THE COMPREHENSIVE ELECTRICITY FLAT-RATE PACKAGE INCLUDES:

- Studying the electricity demand curve, technical installations and optimization solutions.
- Performing local or remote operation of installations to reduce consumption and delivery capacity.
- Identifying opportunities and negotiating and managing supply contracts in deregulated markets.
- Optimizing consumption and managing energy sourcing to deliver guaranteed savings through a flat-rate electricity package.



Dalkia's strengths ●●●

As a subsidiary of Veolia Environnement and EDF, Dalkia offers local authorities, hospitals and companies the unparalleled expertise of the European leader in the energy services sector.

THE TECHNOLOGICAL EDGE

To provide remote monitoring of parameters, manage electrical installations and optimize the operation of the facilities, we set up building management and remote management systems scaled to the needs and properties of each building. In addition, we have developed dedicated maintenance procedures and specific analyses for each type of electrical installation.

THE COMPLIANCE EDGE

Dalkia is ISO 9001-2000 certified for all operations. Quality is the cornerstone of our partnership with customers. Our teams constantly strive to improve working practices, resources and safety and ensure the traceability of their actions.

THE ENVIRONMENTAL EDGE

The environment is a core concern at Dalkia, and we focus on optimizing energy consumption, selecting the most appropriate technologies, managing refrigerant gases, and curbing greenhouse gas and airborne emissions. Another strength is our expertise in dealing with health hazards, particularly Legionella, in facilities exposed to this type of risk.



Energy is our future -don't let it go to waste!

Dalkia
www.dalkia.com