Effective energy management services for all your needs

Discover our complete services offer

Make the most of your energy℠

Schneider Electric
Energy Challenge

Supply Costs + Sustainability Pressures + Demand Efficiency = Energy Challenge
When energy supply and use become a global challenge, who can help your business grow?

Our experts specialize in improving your energy management

Global demand for energy is rising, and so are energy prices. Limited availability of resources is forcing governments to introduce strict environmental regulations and making companies look for energy efficiency solutions and optimization services. These global trends have a real impact on your enterprise and will continue to influence your business strategy.

Choose a reliable partner who can help you:
> improve energy efficiency
> adapt to new regulations
> reduce the environmental footprint of your company
> achieve your business goals

Schneider Electric™ is The Global Specialist in Energy Management™. We help businesses around the world address the economic and environmental issues that drive their need for energy efficiency and sustainability. Our integrated energy management solutions combine our products, services, and software and can significantly improve your company’s bottom line. Let our energy experts find the best services for your business.

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<th>50%</th>
<th>93%</th>
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<td>of the world’s CO₂ emissions reduction will come from end-user efficiency by 2035*</td>
<td>of contribution to the projected increase of global energy demand by 2035 will come from non-OECD (Organization for Economic Cooperation and Development) countries**</td>
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* Source: International Energy Agency - Jakarta presentation - November 2010  
Energy management life cycle

Our services are the answer to all your questions about efficient energy management

At Schneider Electric, we see effective energy management as a life cycle that begins and ends with strategy. We are the only partner who can support you at every stage of the energy management life cycle and answers the questions that bring you maximum return on energy investment.

Whether your business requires professional support at one of the stages in the energy management life cycle or a holistic, streamlined approach, our comprehensive offer of energy demand, energy supply, and commercial services is designed to meet all your needs.

What is my strategy?
Our experts can help you prepare a strategic plan and align your business goals.

How do I buy?
We can help you negotiate the best terms with energy suppliers to optimize return on investment and minimize risk.

How do I control?
Our experienced specialists help you monitor and control your energy, thanks to our software and personalized applications.

How do I optimize?
Our experts deliver a broad offer of energy efficiency services and help implement the right solutions for your business.

How am I performing?
With our global services offer you will be able to track energy consumption and all the energy management initiatives.
Services for the world of energy
Only Schneider Electric has competencies in all categories of energy management services

Schneider Electric provides an exceptionally broad offer of energy management services that cover the entire energy market landscape and can guide you to optimal results throughout the energy management life cycle. We have developed a worldwide network of energy experts who specialize in delivering energy demand, energy supply, and certification services to meet the needs of your business.

Discover our complete services offer

- **Energy supply services**: Services related to the optimized supply of energy from end-user and utility perspectives
- **Energy demand services**: Services related to the optimized use of energy for consumers with a focus on energy efficiency, reliability, and monitoring
- **Certification services**: Services supporting our customers in achieving official energy management certifications

Visit [www.schneider-electric.com/energymanagementservices](http://www.schneider-electric.com/energymanagementservices) to learn more about our services and solutions.
Energy supply services

Regulatory changes and volatile energy prices are making it difficult for businesses to choose the right optimization strategy. These trends may pose a risk to your bottom line, but can also drive opportunities for savings and increased profits. Schneider Electric has the technical capabilities, extensive know-how, and a commitment to enabling significant energy savings. Our experts help you improve profitability and adapt your strategy to achieve optimal results.

Energy sourcing, rate, and tariff optimization services
Schneider Electric can help you find and apply the best energy-sourcing strategy. Depending on analysis results of your situation, our experts advise you to produce or buy energy and offer professional consulting when it comes to choosing energy sources and suppliers.

Demand-response management services
Demand-response management is one of the key services that makes the smart grid possible. We deliver consulting and operation services for demand-response networks to help you mitigate the risk related to demand peaks.
Energy demand services

Energy efficiency is the easiest, fastest, and most effective way for companies to address their energy issues. Schneider Electric has the capability to help businesses achieve improved energy efficiency and adapt to environmental regulations while ensuring operational continuity and a steady return on investments.

Risk assessment and reliability services
Schneider Electric provides audit and risk assessment services and helps you define the best strategies for energy reliability, including backup systems and continuity measures.

Energy and emission audits and benchmarks
Our experts help identify potential energy savings across your enterprise and are able to deliver relevant recommendations for improvements.

Energy and emission monitoring and analysis
We offer specialized on-site and remote monitoring services as well as our comprehensive data analysis that help identify savings opportunities.

Design, engineering, and retrofit consulting
Our experts offer proficient engineering services to optimize industrial processes. They also provide integrated systems design engineering, installation, and commissioning in new and existing commercial buildings, data centres, and industrial facilities.

Performance contracting
The Schneider Electric performance contracting services help customers make capital improvements over longer payback periods. We are able to assess capital needs for projects, recommend strategies, and apply solutions that result in guaranteed and non-guaranteed energy savings.
Schneider Electric understands your evolving needs related to the supply and use of energy. We are the partner of choice for the professional certification services that are vital to the success of businesses around the world.

Our services help customers achieve official certification on energy and emission performance. Such recognition can result in improved real estate value and a favourable reputation as a sustainable corporate citizen.

Schneider Electric energy management services enable certification from the following organizations:

- International Organization for Standardization (ISO)
- Leadership in Energy and Environmental Design (LEED)
- Building Research Establishment Environmental Assessment Method (BREEAM)

Build on our expertise to achieve your certification goals

The first building in the world to earn the ISO 50001 certification is our head office, known as the Hive – a 35 000 m² building that accommodates more than 1,800 employees in Rueil-Malmaison, France. The ISO 50001 standard specifies the requirements for the development, implementation, maintenance, and improvement of energy management systems. It is designed to help organizations continuously improve the energy performance of commercial and industrial buildings, optimize their use, and reduce their operating costs.

“This latest certification recognizes our commitment to energy efficiency and our expertise in this field. More than ever, we are aiming for the highest standards in energy management for both our customers’ buildings and our own.”

Frédéric Abbal, President of Schneider Electric France
EnergySTEP: a range of demand-side services to optimize your energy

Our unique energy efficiency service helps you align savings with changing business goals.

EnergySTEP™ consists of professional services that range from walk-through audits to complete energy efficiency projects and performance contracts. Our broad network of experts can help you generate short-term savings and long-term energy management plans. EnergySTEP services help reduce and control energy consumption, sustain savings, and free up your capital.

Achieve more with our services and EcoStruxure architecture

EcoStruxure™ architecture is the Schneider Electric approach that allows the convergence of five key domains of expertise (the management of Power, IT Room, Process & Machine, Building, and Security). It acts as a solution ecosystem and is the key to business and operational efficiency. EcoStruxure architecture guarantees compatibility across major applications areas and leverages open standards across both Schneider Electric and third-party offers.

This approach will enable companies to achieve sustainable savings that decrease operating expenses and boost the bottom line while reducing waste by delivering up to 30 per cent savings in energy consumption. Our energy management services support the EcoStruxure architecture and enable constant control and supervision of the five key domains of expertise throughout your enterprise.
Examples of our world-class services

See how our services helped businesses worldwide achieve energy efficiency and substantial savings

Microsoft Technology Centres, France

> The challenge
The goal of this project was to combine two Microsoft® technology facilities while expanding their capabilities and reducing their energy footprint.

> The solution
Our energy audits provided recommendations that reduced the power consumption by 30 per cent while increasing the data centres’ IT capacity. The full integration of StruxureWare™ for Data Centres and Microsoft’s SCOM software enables continuous monitoring of efficiency and availability.

> Customer benefits
Microsoft was able to combine two data centres into one facility, designed by Schneider Electric. It was rated as one of the most efficient in the world.

Virginia Community College System, United States

> The challenge
Most of the buildings at Virginia Community College had outdated systems, indoor comfort issues, and high energy bills. The institution faced funding shortfalls and needed a comprehensive project approach.

> The solution
We proposed a performance contract that guaranteed savings to help pay for water retrofits, thermal storage, lighting, windows and doors, roofing, and retro-commissioning.

> Customer benefits
By the time the project was 75 per cent complete, Schneider Electric had renovated buildings on 20 campuses, generating $1.3 million (approximately €900 000) in annual savings. Our energy experts provided an all-encompassing solution that addressed the needs of the customer.
Coca Cola Hellenic, Italy

> **The challenge**
Coca Cola Hellenic, the world’s second-largest bottler of Coca Cola® products, needed to plan the budget for an enterprise-wide energy efficiency programme and to implement solutions with a performance guarantee.

> **The solution**
Schneider Electric conducted audit visits at several customer’s sites within the EnergySTEP service offer. The audits resulted in identifying appropriate technical solutions, required budget, and exact savings for the future.

> **Customer benefits**
The Schneider Electric energy management services allowed Coca Cola Hellenic to define energy efficiency budgets for each facility. In addition, they realized significant energy savings on their water-boosting stations with a return on investment period of 40 months.

Little Rock State Building, United States

> **The challenge**
The State Building in Little Rock, Arkansas, US, was constructed in the 1940s. The building had been vacant for 10 years and was in need of comprehensive modernization and implementation of energy efficiency solutions to apply for LEED Silver certification.

> **The solution**
Schneider Electric partnered with NABCO, a leading electrical and mechanical contractor, to renovate the building and apply turnkey, energy-efficient solutions that enabled integrated lighting and building control, electric vehicle charging, and solar power monitoring to optimize the building’s energy consumption.

> **Customer benefits**
The energy management services from Schneider Electric helped significantly improve the building’s performance and real estate value. Once certified, this site will be the first state-owned building to receive such certification.
Learn more about energy management solutions and services from Schneider Electric.
Visit www.schneider-electric.com/energymanagementservices

Make the most of your energy™

Schneider Electric Industries SAS
Head Office
35 rue Joseph Monier
92500 Rueil Malmaison Cedex- France
Tel.: +33 (0)1 41 29 70 00
www.schneider-electric.com