

#ThisIsPositiveEnergy

Helping local governments balance planet, budget, and resilience

Partner with Centrica Business Solutions to reduce operating costs and improve your services

centrica
Business Solutions



Local governments have a fiscal and social responsibility to ensure the well-being of their community. They also have an opportunity to be leaders in the energy transition. The current landscape provides opportunities for local governments to accelerate the implementation of energy-efficient technologies and infrastructure that balance cost efficiency, resilience, and environmental responsibility.

\$65B

The American Rescue Plan Act (ARPA) provides a local fiscal recovery fund of more than \$65 billion each to cities and counties to improve infrastructure.

\$60B

The Infrastructure Investment and Jobs Act (IIJA) provides more than \$60 billion for state and local governments to address efficiency, resilience, and electrification.





Achieve your energy and infrastructure goals

Cutting overhead costs has never been more critical for local governments. They face increasing pressure to maximize taxpayer dollars, and tight budgets mean they have to do more with less – it also means deferred maintenance backlogs are growing.

Aging infrastructure demands high energy costs, water loss, maintenance expenses, and carbon emissions. Modernizing infrastructure reduces overhead costs and emissions, helping local governments better serve their community.

Addressing your specific energy challenges

The right partner and energy strategy mean a faster path to reach your resilience, efficiency, electrification, and carbon targets. Centrica Business Solutions helps you to:

- Meet your targets while balancing profitability and environmental responsibility
- Define a clear and targeted approach to energy implementation and ensure you are supported in delivering your financial and environmental agenda
- Determine what financially makes sense for your community

Working with you, we will develop a tailored vision that helps you achieve your energy and infrastructure goals.

Get the most from your energy and drive the most value from your infrastructure. Centrica Business Solutions will work with you to solve your energy challenges and harness new opportunities in a changing world. We work with all areas of local government:

- ✓ Cities
- ✓ Counties
- ✓ Parishes
- ✓ Special Districts
- ✓ Towns
- ✓ Villages
- ✓ Water
- ✓ Wastewater





Efficient. Resilient. Sustainable.

Successful energy and infrastructure upgrades need to achieve the right balance between three priorities: cost efficiency, energy resilience, and carbon reduction.



Powering efficiency

Improve efficiency and reduce overhead costs.

Local governments must consistently demonstrate maximum value. Upgrading aging energy assets and infrastructure unlocks long-term savings and spend predictability, increases comfort and safety, and minimizes costly water loss and energy waste.

When facilities are not using energy efficiently, it has financial and environmental impacts – and it diverts budget from where the community needs it most. According to the EPA, the average local government facility wastes about 30% of its energy. And some, like water and wastewater plants, are massive energy consumers, dedicating 40% of their operating costs to energy.

Modernizing infrastructure enables you to operate more efficiently and focus your budget on serving your community, maximizing taxpayer dollars and creating a safe community. We will work with you to scope and implement multiple measures to conserve energy and water, reduce maintenance costs, maximize revenue, and increase comfort and safety.

30%

The average building wastes about 30% of the energy it uses, and local governments have an opportunity to address energy conservation and improve efficiency.¹

1. www.epa.gov/statelocalenergy/local-topics-energy-efficiency-government-operations-and-facilities



Case study

The City of Lynwood

Extensive HVAC and exterior lighting improvements are enabling the California city to save on annual energy costs and ensure the health and safety of their community.

The challenge

A key responsibility for the City is to create a healthy, safe, sustainable and prosperous community. With that in mind, they were looking for ways to lower their energy costs and be more efficient in how they were using energy. This involved updating antiquated HVAC systems along with exterior lighting and street lighting upgrades.

The result

By implementing energy efficiency upgrades at seven City facilities, implementing LED lighting at the City's parks, and converting 1,400 City-owned streetlights to LED, the City will reduce their energy output by 1,107,800 kWh and therms of natural gas by 150 each year. This translates into \$97,500 in annual utility costs savings, and they avoid paying \$25,500 in annual maintenance costs.

The new, efficient HVAC systems secure building safety and comfort. The lighting upgrades improve light levels and increase safety. In addition, the City can use their energy and maintenance cost savings to reinvest into other City initiatives to better their community.



Powering resilience

Safeguard your services from risk, 24/7.

Local governments serve various functions – like providing emergency services, water supply and wastewater treatment – where power loss could be devastating. They must improve resilience against energy supply interruptions, equipment failure, water supply failures, and regulatory risks.

The need for energy resilience has become more urgent as the frequency and severity of natural disasters increase each year. During a power outage, citizens depend on you to keep the lights on and emergency services operational. Protecting your critical energy requirements during an outage ensures your community's safety and well-being.

Secure energy resilience and safeguard critical services from potential risks with a strategy that increases asset reliability and reduces your exposure to grid failures and regulatory non-compliance. We will help you remain aligned with your energy security and compliance goals.



According to our research, 50% of organizations say disruption is a top risk.¹

1. 'Don't wait to commit to net zero', Centrica Business Solutions, 2021



Case study

Columbia County

Heating, lighting, air conditioning, building controls and ventilation solutions are providing a long-term building management blueprint for critical services in the New York county.

The challenge

With budgets tight and made up predominantly of tax dollars, Columbia County had been maintaining their buildings reactively, fixing problems as they occur, but putting off decisions that could produce longer-range benefits for citizens, staff, the environment, and their finances. The County needed to spend wisely and sustainably, maximizing value for money and capitalizing on opportunities to make savings and efficiencies.

The result

The County's large public safety facility in Greenport operates around the clock and is home to the Sheriff's office, 911 response service, and county jail. By upgrading aging and inefficient heating, lighting, air conditioning and ventilation systems, the County is saving \$76,500 in annual utility costs and \$61,800 in annual repair and replacement. Guaranteed annual energy cost savings pay for necessary infrastructure improvements, so the County did not need any upfront investment. In the process, the refurbished building is providing a template for the County's approach to all its public facilities.



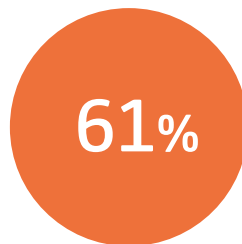
Powering sustainability

Accelerate your net zero targets.

The community's attitude toward the climate is changing, and the federal government has set clear net zero goals. Upgrading energy technology is critical to meet electrification and carbon targets while conserving natural resources.

We can help you develop low-carbon strategies, reduce carbon emissions, and switch to renewable energy sources that enable sustainable operations, like solar photovoltaic (PV) systems, battery energy storage systems, and EV charging infrastructure.

At the same time, we can help you develop a sustainable, growth-oriented energy strategy that enables you to respond quickly to opportunities and carbon reduction expectations. This strategy sets forth an implementation pathway to comprehensively address energy conservation alongside renewable energy generation and storage – helping you accelerate your pathway to net zero and meet your carbon reduction targets faster.



According to our research, 61% of leaders already have a decarbonization strategy based on scientific data and targets in place.¹

1. 'Don't wait to commit to net zero', Centrica Business Solutions, 2021



Case study

Auburn Area Recreation and Park District

By implementing a broad mix of energy efficiency measures and solar, the California park is reducing energy costs and increasing their sustainability.

The challenge

Auburn Area Recreation and Park District (ARD) uses a lot of energy to maintain their facilities. Outdated infrastructure meant that ARD was paying a substantial amount on air conditioning costs and using a lot of water, which is a drought concern. In addition, outdated lighting in the sports fields was time-consuming and expensive to maintain.

The result

A range of measures across 19 locations immediately reduce ARD's energy consumption and simplify maintenance, including LED lighting upgrades, new HVAC systems, and water management. These energy conservation measures work hand-in-hand with carport solar systems that generate clean energy on-site to further boost sustainability.

ARD is taking a proactive approach to their responsibility to the environment and the resources that they steward. They will reduce their grid energy consumption by 391,667 kWh each year, saving \$132,238 in annual overall utility costs. But the best part is that these upgrades enable them to free up budget for more recreational activities for their community.



Sustainable energy solutions for local governments

Cities, counties, parishes, special districts, towns, villages...they are all unique, so you need a partner who can offer technologies and services that fit your challenges.

As an integrator of sustainable energy solutions, Centrica Business Solutions will work with you to deliver a full range of energy solutions and services that optimize energy and infrastructure comprehensively, and we deploy them in the proper order for maximum energy savings and carbon reduction.

Lighting systems

Reduce energy consumption and costs while promoting active engagement, productivity, and safety.

HVAC and mechanical

Improve comfort, morale, safety, and productivity while reducing energy consumption and costs.

Water conservation

Reduce water consumption, minimize wasted water, and lower operational and maintenance expenses.

Water metering

Water and wastewater plants can reclaim revenue by improving meter accuracy and repairing system leaks to prevent costly water loss.

Building envelope

Minimize heat transfer between interior and exterior spaces by addressing windows, roofing, and insulation.

Building automation systems

Automate tasks required to efficiently and cost-effectively operate multiple systems through a single, intelligent system.

Solar PV

Unlock value from rooftops, parking lots, and grounds by generating renewable energy on-site to reduce energy costs.

Battery storage

Store energy in battery energy storage systems to reduce demand charges during peak price times.

Heat pumps

Replace conventional heating systems with a low-carbon solution that meets environmental objectives.

EV charging

Support your constituents with on-site charging, generate revenue, and be more sustainable.

Microgrids

Boost resilience with a secure energy supply that keeps critical citizen services and water and wastewater systems operational at all times.

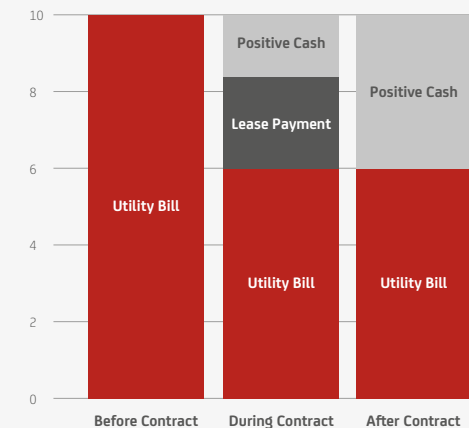
Demand response

Water and wastewater plants can earn revenue by leveraging flexibility from assets and processes to reduce energy consumption during grid stress.

Maintain budget neutrality with an EPC

Energy Performance Contracts (EPC) help local governments maintain budget neutrality and overcome capital constraints while implementing needed upgrades:

- ✓ Requires no initial investment
- ✓ Uses the energy savings achieved by the infrastructure improvements to finance the cost of upgrades
- ✓ Pays for the project over time with the guaranteed annual savings





A tailored vision that helps you achieve your energy and net zero goals

We work with you step by step to comprehensively address your energy and infrastructure needs – to reach your energy savings and carbon reduction goals sooner while maintaining budget neutrality. Our process for working with you defines a clear and targeted approach to energy implementation – establishing your goals, identifying opportunities, installing solutions, and ensuring ongoing support and optimization over time.

Our structured process for working with you:



Discover

We work with you to understand your objectives and challenges. We conduct an initial audit of your infrastructure to diagnose opportunities for action.

Identify

We translate opportunities into options that meet your specific needs. Working with you, we prioritize project scope and link your objectives to a clear energy strategy.

Design

We create a bespoke technical solution for your energy and infrastructure upgrades, working alongside you to tailor specific energy solutions to your goals.

Finance

We work with you to determine what financing mechanisms make sense to meet your needs, offering a range of options with no upfront cost, so you maintain budget neutrality.

Deploy

We build and integrate your upgrades – and will carefully project-manage this process to be seamless, minimize disruption, and ensure safety and compliance.

Maintain

We ensure your systems are running in optimal conditions, measure and verify energy savings, and ensure ongoing maximum value through support, warranties and guarantees.

Optimize

We will proactively investigate opportunities to improve and optimize your infrastructure to ensure you are maximizing all available opportunities.

Centrica plans to lead by example. Learn about our own goals to become net zero by 2045.

As a market leader in energy solutions, we are well placed to achieve these goals by utilizing our capabilities to embed sustainable technologies and behaviors across our business and for our customers.

28%

reduction in our customers' carbon intensity to be achieved by 2030

100%

our commitment to be a net zero business by 2045



Working with you to shape your community's future

Reaching your energy infrastructure and net zero goals is easy to say, but hard to do. To get there, you need to overcome complex technical challenges and competing budget priorities.

Partnering with us can offer you a way through the complexity. We help you understand your options – to find an approach that's right for you.

Reshaping your landscape

Is your energy the right 'shape' for the services you provide to your community? Centrica Business Solutions can weave together a strategy from our broad portfolio to help you address the efficiency, resilience, and sustainability of assets across your energy infrastructure as you pursue operational excellence.

Our sustainable, integrated energy solutions can help you to reduce complexity when you're adopting a blend of technologies. And we help you fully optimize your energy and infrastructure to deliver value in the short and long term and maximize your ARPA and IIJA funds.

Help, every step of the way

We provide a comprehensive approach to energy management, offering expertise, technologies, financing, and full lifecycle support.

Benefits to you:

- **Complete analysis** of your energy infrastructure
- **Financing solutions** to meet your needs and hit your budget
- **The most "add-on" value** through our bundled, end-to-end solutions
- **End-to-end support** to plan and execute your infrastructure upgrades
- **Optimization** of assets and ongoing measurement and verification to deliver on compliance and guarantee energy savings

An international reach

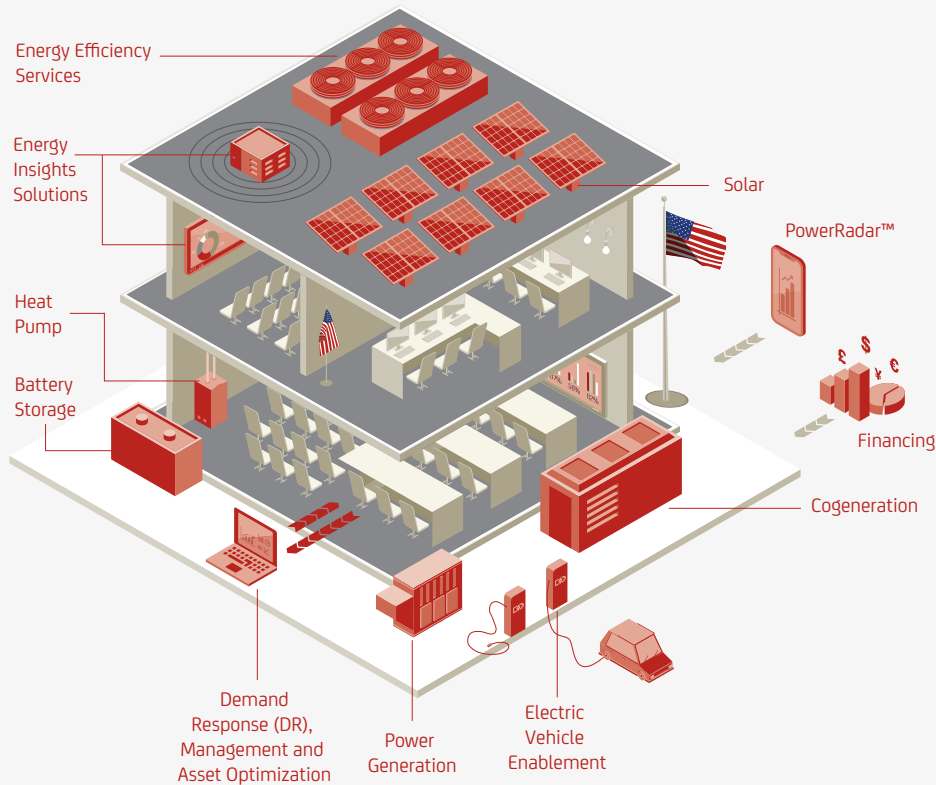
No local government can go it alone. We operate in 34 countries, supported by a global network of 100 energy partners. That means there are few energy challenges we haven't faced – and you know you're working with a stable partner with real longevity.

Expert resources, proven processes

Our multi-skilled and experienced teams help local governments to develop and accelerate their pathway to net zero, capitalize on new opportunities, and protect their services from risk.

We analyze, finance, install, operate and optimize energy

Finding the right balance between what's good for local governments and the planet we share



20k+

Energy efficiency upgrades across the U.S.

\$90M

In demand response revenue delivered to customers over the past 4 years

9.3k+

Solar PV systems installed and maintained in the U.S.

80+

Average NPS and recommendation score

Find out more

Centrica Business Solutions provides energy expertise and solutions to organizations around the world to improve their operational efficiency, increase resilience and help them become sustainable.

We are part of Centrica plc, an international energy services and solutions company that's focused on helping organizations and households to live sustainably, simply and affordably.

To find out more about how we can help you reach your energy, electrification, and infrastructure goals:

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