



Energy for
generations

SMART ENERGY SERVICES

Powering the Potential of Your Business



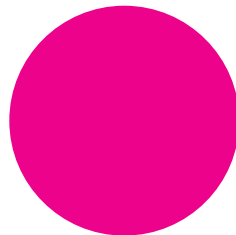
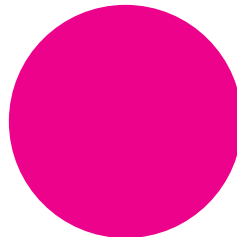
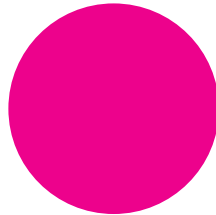
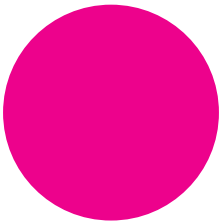
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(Spot UV)

YOUR TRUSTED PARTNER

Businesses and public sector organisations are facing rising energy costs, concerns over security of supply and climate change issues. Governments are responding with new regulation and frequent policy change issues. New disruptive technologies driven by data and IT are transforming how energy is managed and consumed.

All of these considerations make it increasingly complex to manage your energy if you do not specialise in energy generation, transmission, supply and emerging technologies like we do. ESB Smart Energy Technologies is a complete energy management solution that brings all of the skills and experience of a global energy innovator to your business.

Managed Energy Services using Proven Innovative Technology



HARNESSING KNOWLEDGE, EXPERTISE AND TECHNOLOGY

Every organisation is different, that's why ESB Smart Energy Services isn't an off-the-shelf solution. It's a suite of competencies and solutions that can adapt to the most demanding energy environments, for example:

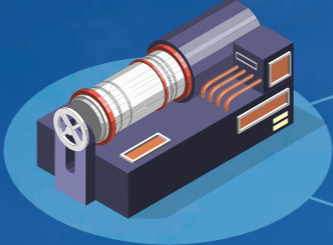
- Design energy generation and storage solutions
- Optimise your energy consumption
- Consult onsite energy technologies
- Implement and manage some or all of your energy needs

It's your business and you decide what's the best solution for your business in partnership with ESB.



DEMAND RESPONSE AND STORAGE

With our Virtual Power Plant and Demand Response platforms, you can benefit from significant savings



DATA ANALYTICS

Enterprise-wide energy data transparency and energy management systems that give you a bird's eye view of your energy consumption and generation



RENEWABLES

Benefit from energy savings and CO₂ reductions by using clean energy sources like solar and wind



ENERGY EFFICIENCIES

Your company can enjoy all the benefits of the latest energy technologies without the onerous financial commitment. We can underwrite the expected savings to ensure you benefit from life-time energy and operating cost savings (20-40% on average)



NEW TECHNOLOGIES

Big Data, Internet of Things, Electric Vehicles and Storage Solutions are helping to make clean energy more affordable

ENERGY SERVICES PORTFOLIO

TAKE CONTROL OF YOUR ENERGY

Our team of experts develop energy-optimised solutions that will provide security, savings and scalability for your organization. Our portfolio of services are outlined below.



ANALYSIS AND CONSULTING

- We perform a detailed review of how energy is generated and managed
- We establish your process requirements analysis
- Together we develop a customised energy roadmap



ENERGY MANAGEMENT SYSTEM HOSTING

- We host energy management systems to give you a bird's eye view of your energy profile
- Our expert analysis highlights those areas that will benefit most from intervention



A Roadmap that offers Savings, Scalability and Security

ENERGY SERVICES PORTFOLIO

ENJOY THE BENEFITS WITHOUT THE COSTS

With ESB Smart Energy Services you enjoy all the benefits of the latest energy technologies without the onerous financial commitment.



ENERGY EFFICIENCY SOLUTIONS

- We underwrite the expected savings so you benefit from life-time energy and operating cost savings
- We can finance the energy infrastructure installation so no upfront capital expenditure is required. You simply pay us an agreed share of the savings that are being made



ONSITE GENERATION

- We offer bespoke on-site energy supply solutions that require no capital investment from your side
- You benefit from energy savings and CO₂ reductions by using clean energy sources
- You become self-sufficient and become independent from the grid



VIRTUAL POWER PLANT

- We offer solutions that balance your energy sources
- You benefit from significant savings by optimising your energy generation and demand

Zero Capital Expenditure and Guaranteed Savings



ENERGY SERVICES PORTFOLIO

READY FOR THE FUTURE

New disruptive technologies are emerging to further reduce energy consumption and/or make clean energy more affordable. Regulatory policies are also quickly changing to drive adoption of low carbon innovations. We are working on new energy technologies that will transform the world around us.



EMERGING TECHNOLOGIES

- We invest in clean-tech start ups and collaborate with partners to unlock new customer products and services
- We harness market knowledge and powerful technologies like data analytics and the Internet of Things
- You benefit from innovative energy solutions that deliver tangible savings to your business.

Energy use
that's Clean,
Lean and
Future Proof



WHY ESB?

At ESB, power is our business. Our expertise spans the breadth of the energy spectrum from energy generation, transmission, supply and emerging technologies. We have experience in shaping policy and navigating it. We are continuously investing in new technologies and promising initiatives to give us the competitive edge. ESB Smart Energy Services brings together these competencies to give you:

- **GUARANTEED SAVINGS**
- **INDEPENDENCE**
- **CUSTOMISED SOLUTIONS**
- **BEST-IN-CLASS EXPERTISE**
- **FINANCING SOLUTIONS**
- **CUSTOMER SUPPORT NETWORK**
- **TRACK RECORD & RELIABILITY**



GUARANTEED SAVINGS

Increased efficiency & reduced costs



INDEPENDENCE

Providing systems integration that is technology agnostic

CUSTOMISED SOLUTIONS

Cutting-edge technology to develop the best possible solution for your organisation

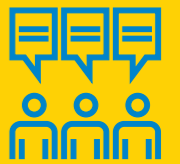


FINANCING

Freedom from capital investment

BEST-IN-CLASS EXPERTISE

In-depth knowledge of Power Generation, Networks, Supply, New Technologies and International Consulting



TRACK RECORD & RELIABILITY

A partner with a trusted legacy in Ireland and 40 years working in over 120 countries worldwide



CUSTOMER SUPPORT NETWORK

Multinational, multi-site support capability

EXPLORE HOW ESB SMART ENERGY SERVICES CAN WORK FOR YOU

The impact of change in the energy industry makes it increasingly complex for organisations to optimise and manage energy efficiently.

Talk to us today and discover how ESB Smart Energy Services can support your organization to unlock real savings and deliver energy that is lean, green and future proof.

Contact us
+353 (0)1 7026489
smartenergy@esb.ie
www.esb.ie/innovation

CARDS WILL GO HERE
(FOR REFERENCE ONLY)
8.5cm in width x 5cm



ESB Innovation
27 Lower Fitzwilliam Street
Dublin 2

www.esb.ie/innovation
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