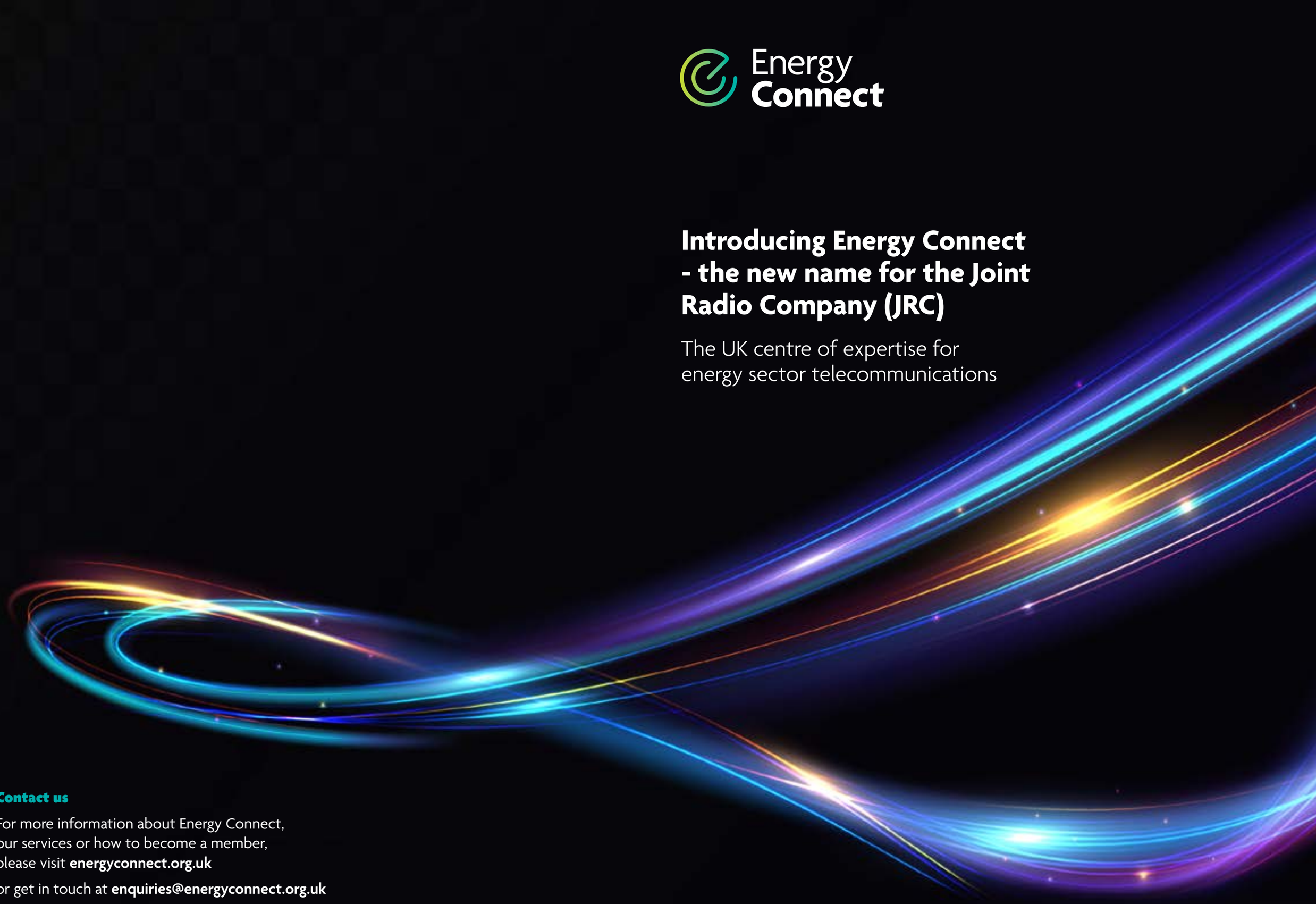
Energy Connect

Introducing Energy Connect - the new name for the Joint Radio Company (JRC)

The UK centre of expertise for energy sector telecommunications



Contact us

For more information about Energy Connect, our services or how to become a member, please visit **energyconnect.org.uk**

or get in touch at **enquiries@energyconnect.org.uk**

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Resilient Communications for Energy

Joint Radio Company has become Energy Connect

For more than 60 years, the JRC has been working with its members – the electricity and gas companies – to design and protect the resilient communication network underpinning UK energy infrastructure.

The energy networks are changing – and so are we

The UK's energy networks are becoming increasingly complex, diversified and digitalised, as the country moves towards a low-carbon, secure, affordable and sovereign energy system. Such intricate, low-inertia energy networks demand ever more sophisticated, intelligent and connected telecoms systems to keep them operating safely, securely and reliably – around the clock.

As the energy sector evolves at pace, we need to evolve with it. In such a dynamic and challenging environment, the role of telecommunications has never been more important to UK energy security, sustainability and independence – so we are growing our capabilities in line with industry needs.

Our new name – Energy Connect – reflects our unique position at the intersection of the energy sector and telecommunications technologies.

We are well placed to use our telecoms expertise, energy sector knowledge and spectrum experience to shape the future of operational telecoms for the UK energy sector. We represent the technical requirements of our members, working with government to support the long-term provision of secure, resilient critical national communications infrastructure.

Our work is fundamental to enabling the digital energy systems of the future – underpinning the communications that keep electricity and gas flowing to every home and business in the country.

Technical experts with a unique role

Energy Connect is an independent, not-for-profit, industry-owned organisation. We fulfil a number of technical roles as we work to develop the operational telecoms backbone needed for more stable and resilient future energy systems.



Independent advisors

From network design to bespoke technical investigation, we offer a range of independent design and consultancy services to help energy network operators deploy appropriate telecoms solutions. We help members to evaluate the latest technical developments to support more flexible and secure network operation.



Spectrum guardians

We are the guardians of the dedicated radio frequency spectrum held for energy sector mission-critical telecoms across the UK. We coordinate its efficient use, protect it from interference and help network operators to access the spectrum they need to deploy the latest wireless capabilities – while ensuring existing energy telecoms services are protected.



Sector advocates to government

We raise awareness in government about the critical role of telecoms and connectivity in the future digitalised energy system. We provide evidence to support decision-making and advocate for a dedicated mission-critical telecoms solution for the energy sector.



Knowledge providers

Low-carbon, digitalised energy systems require greater monitoring and control for safe, reliable operation. We work with technology partners, innovators and academia to bring the latest telecoms innovations to our members, and share the current technical challenges for the sector.



Network design and optimisation

We work with electricity and gas distribution and transmission operators to plan and optimise radio networks on any scale – from nationwide telemetry systems to site-based systems.



Spectrum management and frequency coordination

We offer frequency planning and coordination to ensure telecoms systems operate reliably, efficiently and free from interference. We help the energy sector optimise limited spectrum resources.



Infrastructure design and equipment evaluation

We support utility operators to investigate and procure the equipment and technologies they need to build powerful operational telecoms networks for the UK's energy systems.



Government and regulatory liaison

We represent members' interests to Ofcom and government, supporting long-term spectrum access and policy alignment, and advocate for a dedicated mission-critical telecoms solution for the energy sector.

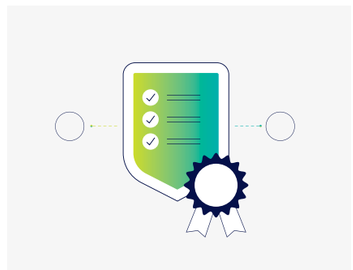


EMF compliance assessments

We conduct desktop electromagnetic field (EMF) assessments against current ICNIRP guidelines and licence requirements, helping members achieve regulatory compliance.

Our services

As Energy Connect, we share our skills and expertise with members through a range of valuable services, helping them to adapt their operational telecoms capabilities to meet the challenges of the UK's rapidly evolving energy ecosystem.



Radio licence administration

We provide end-to-end support for members radio system licensing and compliance, covering new licence applications, licence variations and ongoing administration.



Protecting operational services

We identify, investigate and resolve radio interference issues – whether physical interference from windfarms and buildings or RF interference from rogue transmissions.



Training and development

We work with technology partners, universities and innovators to bring the latest thinking, technology updates and insights to our members.