



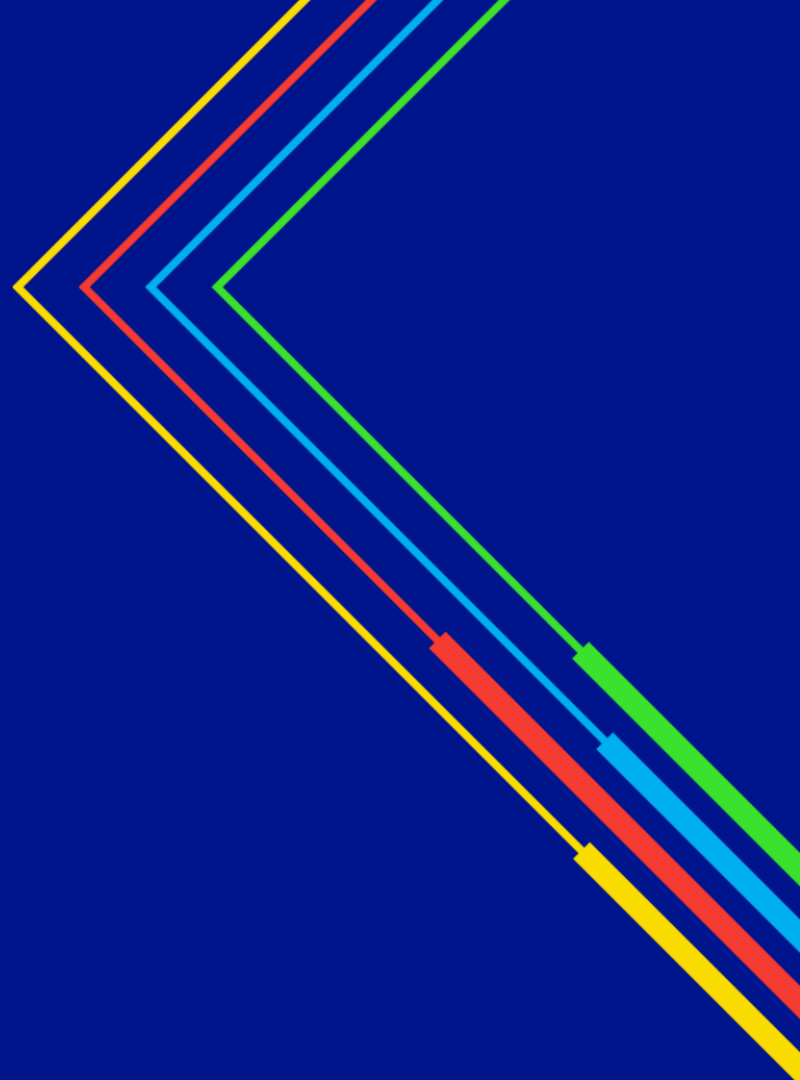
Electricity
Distribution

Distribution network experience with innovating connections

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30/10/24

nationalgrid



We've always innovated for Connections

Our previous innovations were focused on helping customers to market despite the deep reinforcement cost allocation policy.

Domestic customers



Rather than impede domestic connections, we quantified the scale of the risk in research.

Enabled us to carry the risk. Now in day to day policy

Generators



Timed connections

Soft Intertrips

Active Network Management

Charge points



We're helping de-risk and accelerate capacity delivery through investigation and roll out of new infrastructure designs

Our innovation signals are changing

Customers and their needs are changing



A key innovation driver of the 2010s was the dash for Solar and BESS



We now have more diverse connection customers



- Domestic Pro-sumers
- Charge points
- Energy clubs



Of all shapes and sizes

Regulation is changing

Decision  Making a positive difference for energy consumers

Access and Forward-Looking Charges Significant Code Review: Final Decision

Subject	Details
Publication date:	03 May 2022
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Press release

Chris Stark to lead Mission Control to deliver clean power by 2030

Secretary of State Ed Miliband appoints Chris Stark to head new Mission Control tasked with turbocharging UK to clean power by 2030.

From: [Department for Energy Security and Net Zero](#) and [The Rt Hon Ed Miliband MP](#)
Published 9 July 2024

So where next?

Our customers are diverse

A one size service doesn't always fit all. How do we give customers connections that

- Give them what they need and not what they don't need
- Within commercial terms and risks they can accept
- Whilst still being fair overall



Local Co-ordination

We have work underway looking at the deep network capacity management and allocation. Focusing on the local scopes for connection will help reduce cost and risk for customers

- How do we promote better co-ordination of local connection needs rather than competitive dashes for capacity?
- How do we take better risks when designing the minimum scheme



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