30th January 2026

Planning and Delivering the Electricity Transmission Network

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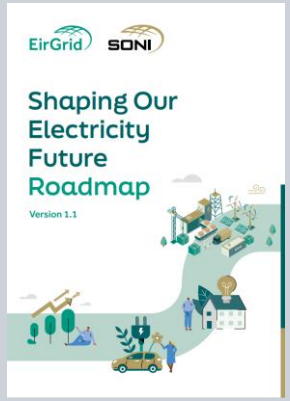
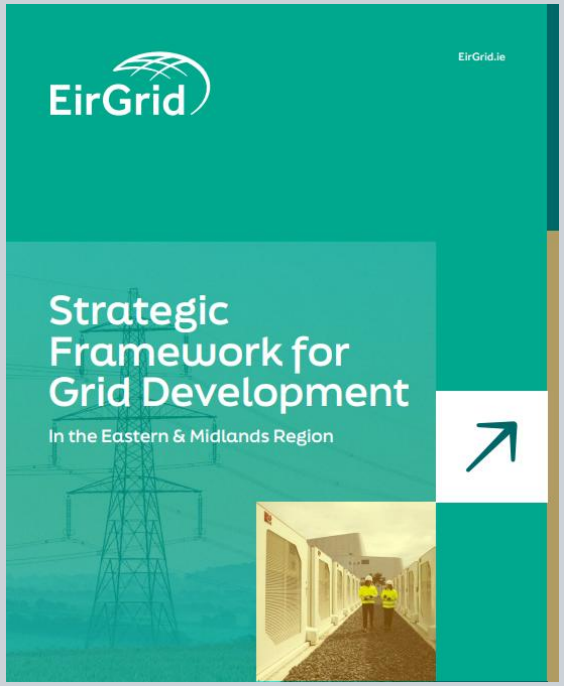
January 2026

EirGrid

Tionscadal Éireann
Project Ireland
2040

National Level	Regional and County Level	Local Level (Projects)





Public Consultation for Fingal – East Meath project October 2024

Shaping Our Electricity Future Roadmap: A summary of version 1.1

2020 – 2030: Shaping Our Electricity Future

Whole of System Transitional Challenge for Ireland

Supply

- **Offshore Wind** (+ 5 GW)
- **Onshore Wind** (+ 4.5 GW)
- **Solar** (+ 5.5 GW)
- **Microgen** (+ 2.5 GW)
- **Conventional** (+ 2.2 GW)

Networks | **Engagement** | **Operations** | **Markets**

Demand (+50%)

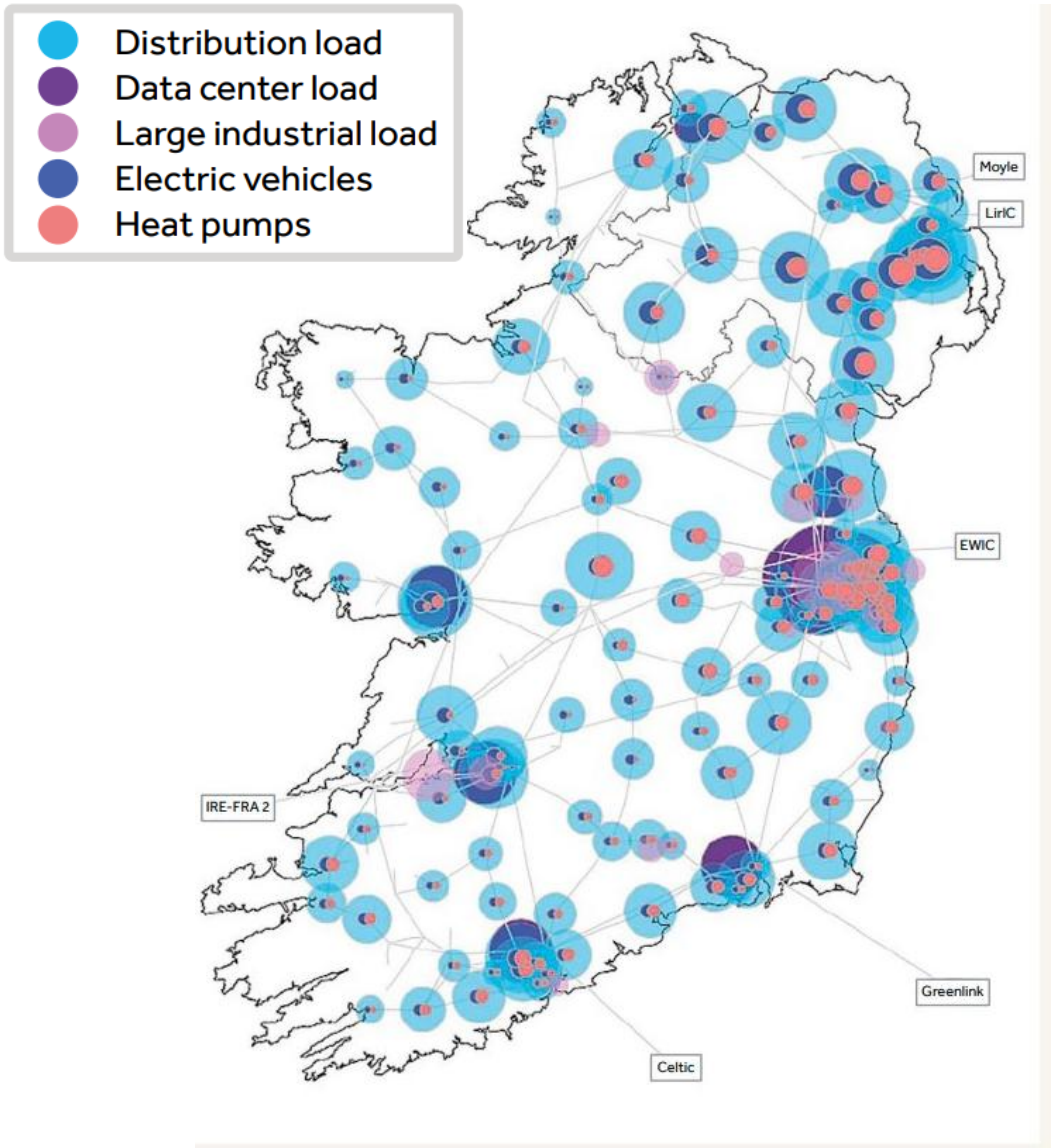
- **Large energy users** (~ 1.6 GW)
- **Electric vehicles** (~ 950 k)
- **Heat pumps** (~ 600 k)
- **Social & Economic Growth**

Shaping our electricity future

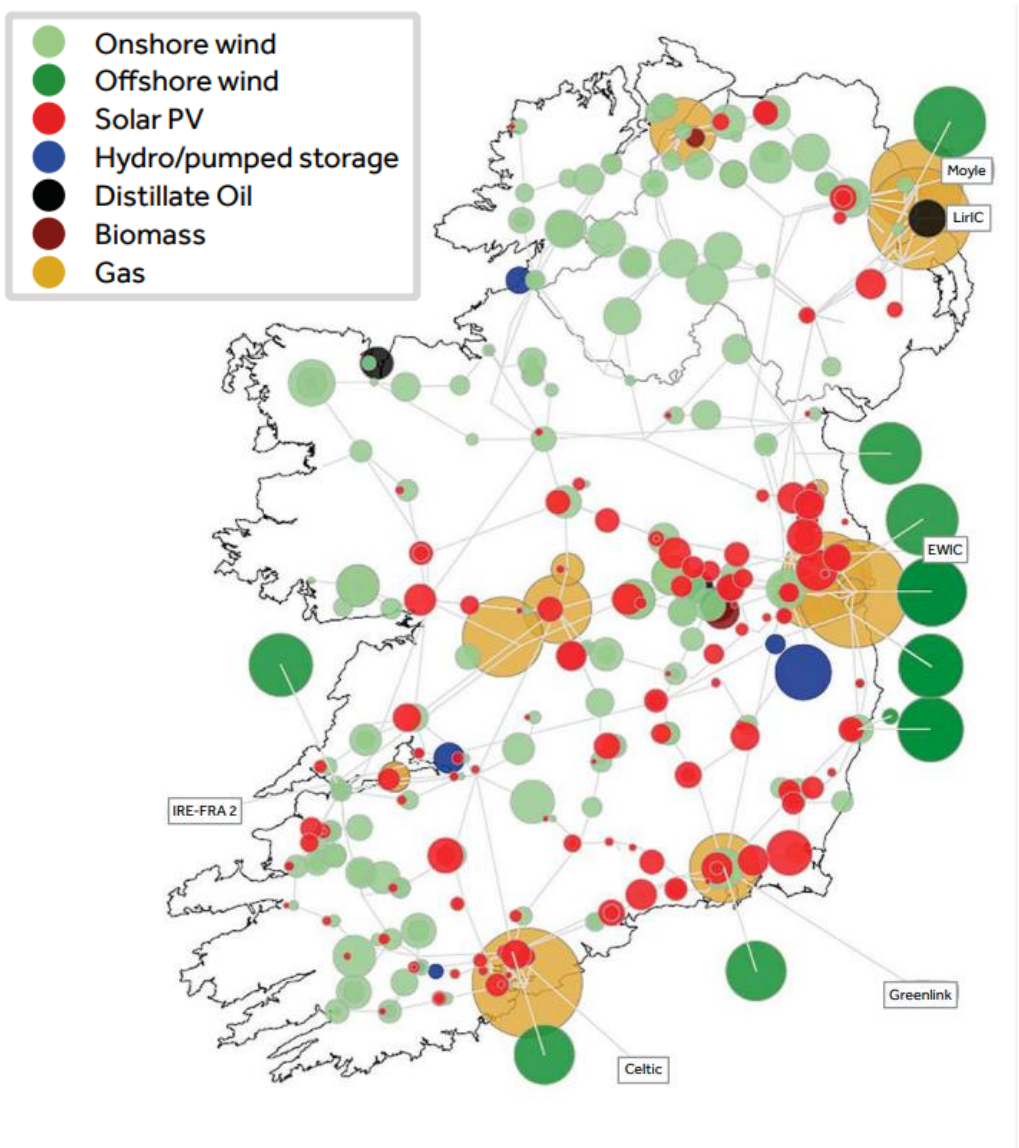
+ c. 350 Network Reinforcements
+ c. 25 Smart Network Devices
+ System Operated Transformation
+ Electricity Market Transformation
+ 4 HVDC Interconnectors
+ 2.8 GW Long Duration Storage
+ Over 20% Demand Flexibility
+ 10 GVAs Low Carbon Inertia Services

EirGrid

Forecast Electricity Demand in 2030

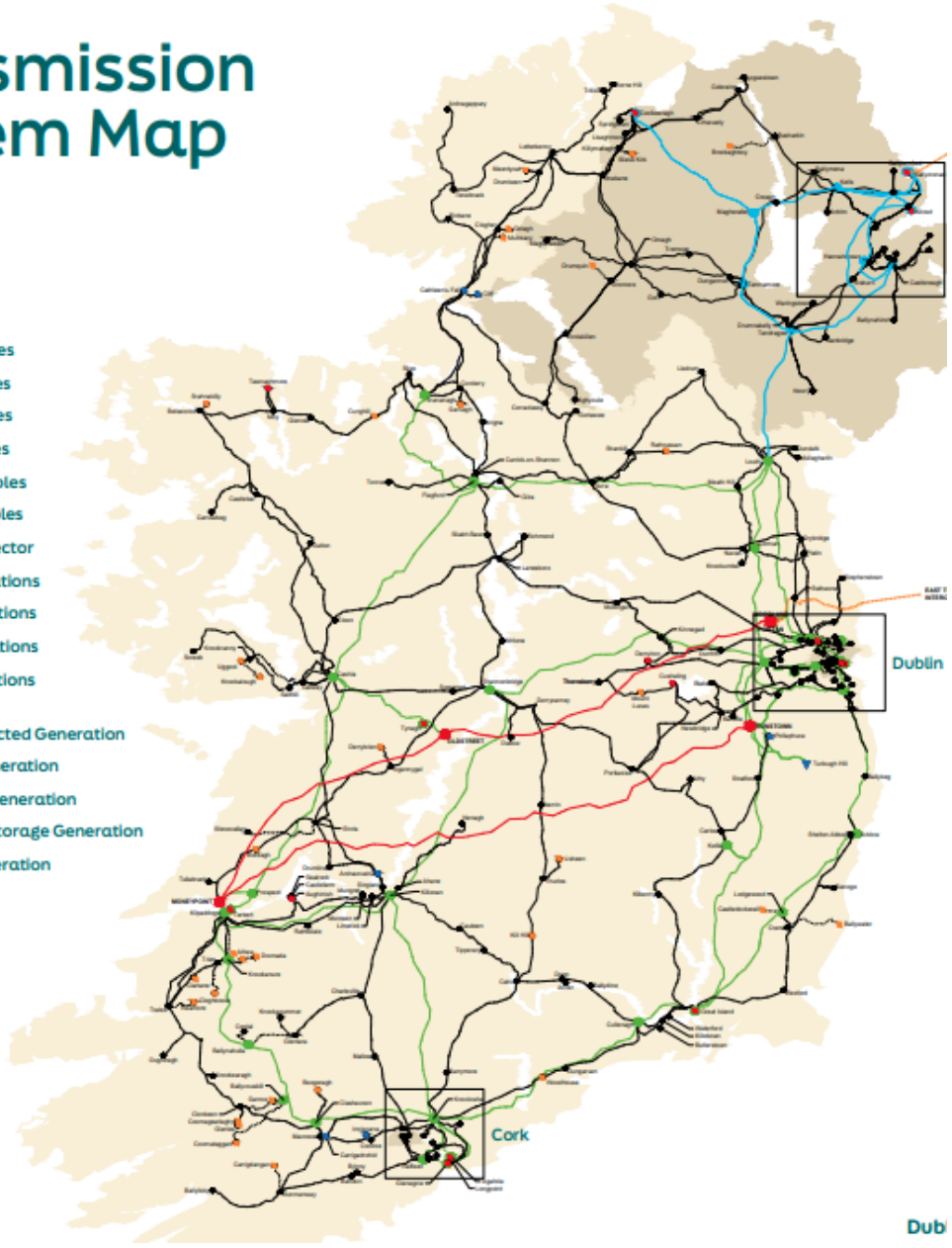


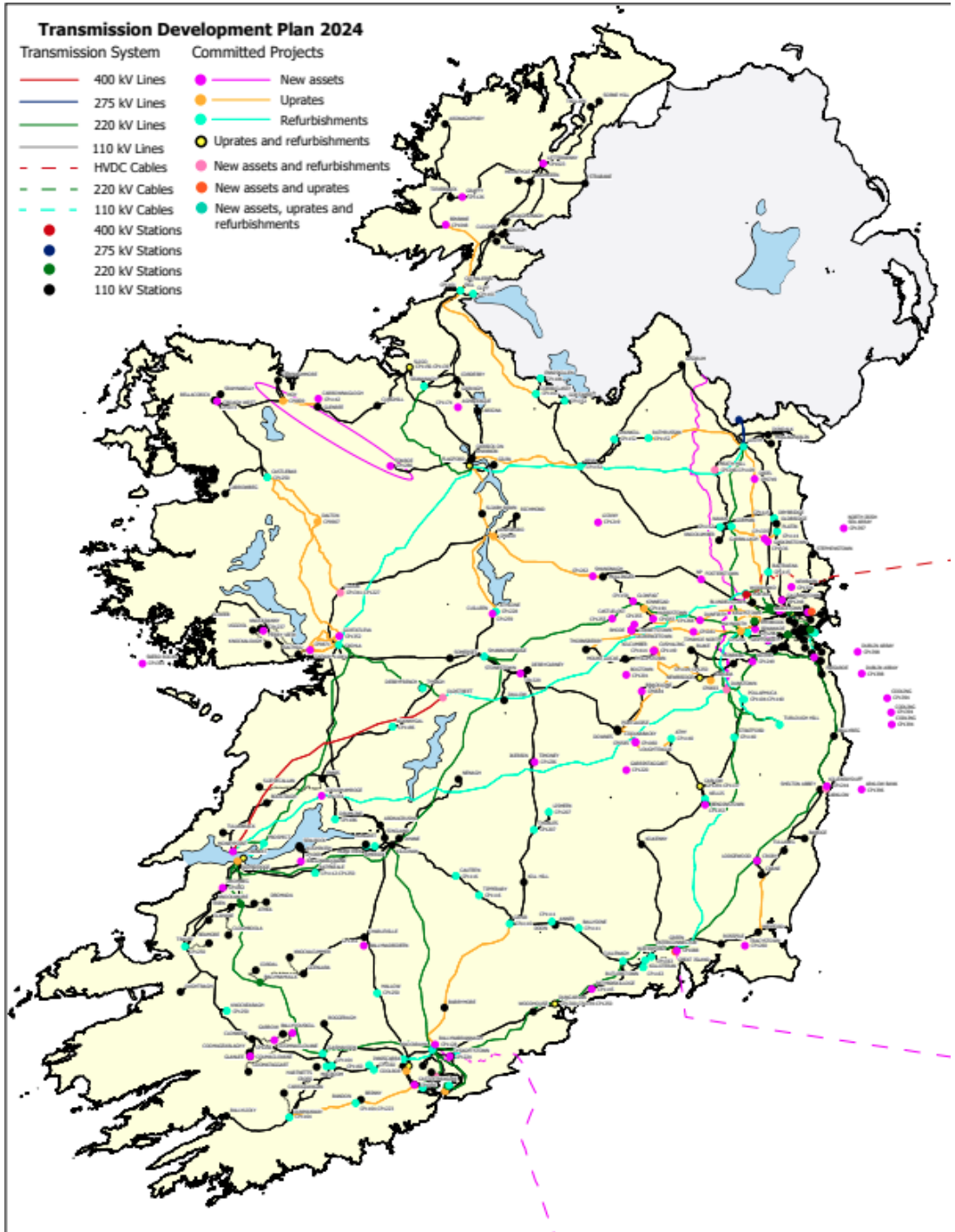
Forecast Electricity Generation in 2030



Shaping Our Electricity Future Roadmap: Version 1.1

Transmission System Map





Commission for Regulation of Utility (CRU)

The Commission for Regulation of Utilities (CRU) has today (18th Dec 2025) approved a landmark investment package of up to ***€18.9 bn*** *in Ireland's national electricity grid and network for the regulatory period 2026-2030.*

This five-year investment, outlined in CRU's ***Price Review Six****, will see ESB Networks and EirGrid embark on a period of unprecedented grid and network development and delivery from 2026, building on the significant progress that has been made during the current investment period.*

This baseline investment includes €11.4bn for ESBN (€8.9bn in capex, and €2.5bn in opex) and €2.4bn for EirGrid (€ 1.1bn in capex, and €1.3bn in opex).

CRU Approves Record Investment in Ireland's Electricity Grid and Network | CRU.ie

EirGrid

Need for Grid Reinforcement

Economic	Local	Sustainability	Security of supply

• Capacity in network allows economic growth – agri-business, pharma, FDI, hi-tech/ICT
 	
• Network improvements help to lower electricity costs
	• Secure supply for:
	  ○ Population Growth forecasted
	  ○ Growth in EVs and electrification of existing and new railways
	  ○ Electricity for heating to replace oil and gas - heat pumps
		• 2030 target of 80% renewables
		
		• More network improvements allow more renewable energy connections
			• Secure and reliable transmission grid
			
			• Aging assets are replaced
			
			• Better resistance to extreme weather
			
			• FDI clients benefit from resilience in the network

Planning and Delivering the Electricity Transmission Network - Public Engagement

Sinéad Dooley – Head of Public Engagement

January 2026

Our 6 Step Approach to Project Development

Step One

How do we identify needs of the electricity grid?

Step Two

What technologies can meet these needs?

Step Three

What's the best option and what area may be affected

Step Four

Where exactly should we build?

Step Five

Apply for planning permission

Step Six

Construct, energise (make live), and share benefits.

Our 6 Step Approach to Project Development – Public Engagement

Step One

How do we identify needs of the electricity grid?

Early engagement

Step Two

What technologies can meet these needs?

Introducing the project to the public

Step Three

What's the best option and what area may be affected

Step Four

Where exactly should we build?

Extensive public engagement

Step Five

Apply for planning permission

Ongoing Engagement

Step Six

Construct, energise (make live), and share benefits.

Continued Communication

Public and Community Engagement

Community Forums - giving a voice to local communities.
Established on all major grid development projects

Early Engagement Approach – on the ground in communities
Agricultural, Community and Fisheries Liaison Officers.

Project Consultations – tailored for each transmission project
Public Events, On-line virtual events, Mobile Information Unit

Energy Citizen roadshows – regional engagement across Ireland
Discussion on the role of energy in our communities

Community Benefit policy - three funding streams: Community, Sustainability and Biodiversity

Consultation Portal – hosting consultations and surveys
Interactive site to enable stakeholder's submissions and views

Partnerships and Outreach - Young Social Innovators

Energy Citizen Awards, School Outreach Programme

Approach to Community Benefit

3 Stream approach: Community, Sustainability and Biodiversity.

Triple the previous € value, released over 3 phases.

Emphasis on creating and leveraging **Partnerships and funds.**

Putting **Participation** at the core – led by local **Community Forums**.

Development of project specific **Community Benefit Strategy**.

Emphasis on incorporating the **Sustainable Development Goals**.

Objective: building a **positive legacy** in Communities.

Accelerating Infrastructure Report and Action Plan

Pillar 4

"The State will provide better information to support a more informed debate but without improved public acceptance critical infrastructure will be subject to delays, leaving broader society worse off"

"Local input is built into the planning system. Too often however, opposition to critical infrastructure is magnified, while the broader benefits are disregarded. Fundamentally, we need adequate infrastructure to underpin everything we value as a society from homes, to jobs, to the preservation of our environment..."

To Conclude:

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Project Ireland
2040

Understand the need:

- Facilitating renewable energy
- Increased demand requires increased supply
- Upgrading existing assets
- Constructing new assets

Engaging in the process:

- Supporting the community engagement events
- Informing communities of the need for development

Supporting future grid development:

- Strong strategic and statutory plan policy support for grid infrastructure programmes and projects
- Align County Development Plans with Grid Development Plans