



Role: Network Planning Engineer
Area: Customer and Business Development
Sub-Area: Aurora Telecoms
Location: Dublin
Grade: D (€59,227 - €88,840)
Duration: 2 Year Fixed Term
Ref: GNI127
Closing date: 20th July 2026

Gas Networks Ireland operates and maintains Ireland's €3 billion, 14,758km national gas network, supplying reliable energy to more than 720,000 homes and businesses. The network delivers more than 30% of the country's total energy and 40% of its electricity generation.

We are dedicated to achieving net zero and advancing the energy transition through integrated planning and collaboration with the energy industry. To realise our vision and to be at the heart of Ireland's energy future, we are committed to transforming our network to achieve net zero carbon emissions onboarding biomethane and green hydrogen.

We have a proud legacy, and our values guide how we work every day - drawing on our experience, doing what's right for each other and our communities, and staying energised for the change ahead.

When you join Gas Networks Ireland, you become part of an organisation that invests in its people. We are committed to supporting your growth and wellbeing in a workplace where everyone can contribute and thrive.

If your application is successful, your starting salary will be determined within the pay range based on your skills and experience. The market reference point (midpoint) of the range typically represents the higher end of the initial offer and reflects a level at which an individual is considered fully proficient in the role. This structure also allows scope for ongoing salary progression as the employee continues to gain experience and develop in the position.

To apply, email your application, including your CV, to recruit@gasnetworks.ie, quoting the job title and reference number in the subject line.

Background:

Aurora Telecom, a division of Gas Networks Ireland, provides a futureproofed backhaul network for progressive projects of national economic and social importance. A carrier-neutral operator, Aurora specialises in Dark Fibre services for telecommunications carriers, corporate organisations and government services. The national and metro networks which we have developed will enable Irish rural

economies to diversify into new sectors and capitalise on emerging job opportunities that are facilitated through high-speed broadband.

The Role:

Reporting to the Fibre Manager, the Network Planning Engineer will support the development, design coordination, and optimisation of Aurora Telecom's fibre network.

The role will encompass activities across network planning, fibre design support, route definition, and fibre records management, while ensuring alignment between planning outputs and detailed network design standards.

The successful candidate will contribute to both technical and commercial processes, including feasibility assessments, pricing support, and tender responses. This will involve activities such as fibre route analysis, distance calculations, capacity checks, and customer record setup.

The role involves a mix of office-based planning/design work and field engagement, working closely with Design, Engineering, Operations, and Commercial teams. There is strong opportunity to grow within the team, gaining exposure to both network design and strategic planning functions in a professional and technically focused environment.

The role may also require acting as delegate for the Fibre Manager during periods of absence. Required to travel all around the country to all areas of the Aurora Telecom Network. A minimum of 5 years relevant experience is required.

Duties and Responsibilities:

Network Planning & Design Coordination

- Lead the development of fibre network plans, ensuring alignment with design standards, specifications, and engineering principles
- Oversee the production of high-level designs, route layouts, and feasibility studies for new connections and network expansions
- Work closely with the Design team to translate planning outputs into detailed, build-ready network designs
- Act as expert advisor to route selection, duct utilisation, and fibre allocation strategies
- Ensure all planning activities integrate seamlessly with design governance and approval processes

Fibre Records & Network Data Integrity

- Responsible for maintaining accurate and up-to-date fibre records, utilisation data, and network schematics
- Enable the Design function by ensuring all records reflect as designed and as-built network configurations
- Manage fibre allocation and capacity tracking to support design accuracy and commercial inputs

- Ensure consistency across GIS, design tools, and network databases

Project Planning & Design Support

- Lead planning and scheduling fibre projects in coordination with the Design and Delivery teams
- Support design reviews by providing network insights, constraints, and routing considerations
- Escalate and communicate design risks, capacity limitations, and dependencies
- Track project progress against planning and design milestones
- Support the preparation of customer quotations, tenders, and proposals from a design and planning perspective
- Provide accurate route distances, fibre availability, and feasibility inputs to support pricing
- Drive development of standardised templates and design inputs for commercial submissions
- Contribute expertise to tender evaluations and technical assessments where required

Field Engagement & Design

- Assist in site surveys, route validations, and field audits to support network design accuracy
- Oversee on-site supervision of fibre works, ensuring adherence to design specifications and safety standards
- Provide feedback from field activities to improve design quality and constructability

Design Processes & Continuous Improvement

- Support the Fibre Manager in developing and improving design processes, templates, and documentation standards
- Lead standardisation of design outputs, planning tools, and workflows
- Identify opportunities to improve efficiency, accuracy, and integration between planning and design functions
- Support implementation of enhanced tools (e.g. GIS, AutoCAD) for better design and planning alignment.
- Collaborate with Design, Engineering, Delivery, and Commercial teams to ensure cohesive outcomes
- Represent the Fibre Manager when required (e.g. meetings, coordination activities)
- Provide clear updates on planning/design progress, risks, and priorities

Knowledge, Skills and Experience:

- Minimum of 5 years' experience in telecommunications, with exposure to fibre network planning, design, or operations.
- Degree or Diploma in Telecommunications, Engineering, Electrical Engineering, Network Engineering, or related discipline.
- Experience supporting network design, route planning, or fibre allocation activities

- Proven experience working with fibre network records, capacity tracking, and network data management.
- Exposure to telecoms project planning, coordination, or delivery support.
- Experience contributing to commercial activities such as quotations, feasibility assessments, or tender responses is desirable.
- Experience working in a cross-functional environment, collaborating with design, engineering, and delivery teams.
- Field experience (e.g. site surveys, audits, or supervision of telecoms works) is advantageous.
- Understanding of fibre optic network architecture and infrastructure.
- Experience (or exposure) to:
 - GIS systems (ArcGIS, GE Small World or similar)
 - AutoCAD or other network design tools
- Strong organisational and multitasking ability.
- Excellent written and verbal communication skills.
- High proficiency with Excel, Word, PowerPoint and tracking tools.
- Strong analytical and problem-solving skills.
- Effective communication skills with the ability to engage across technical and non-technical stakeholders
- Ability to work independently while contributing to a collaborative team environment
- Proactive mindset with a focus on continuous improvement and innovation
- Ability to work independently and drive delivery outcomes.

Equal Opportunities Employer

Gas Networks Ireland is an equal opportunities employer, committed to providing a diverse, inclusive, and supportive workplace. Through our ibelong framework, we work to ensure that everyone feels respected, valued, and able to contribute.

We welcome applications from all suitably experienced candidates, regardless of gender, age, racial or ethnic origin, membership of the Traveller community, religion or beliefs, family or civil status, sexual orientation or gender identity, or disability.

We also value diverse career journeys and warmly welcome candidates returning to the workforce or bringing non-linear experience, including transferable skills gained through life and professional pathways.

If you require any reasonable accommodations at any stage, please contact us at recruit@gasnetworks.ie and we will support you to ensure a positive and equitable candidate experience.

We offer hybrid working arrangements to help you balance work and life, and to support you in bringing your best to the organisation.

Gas Networks Ireland will only hold your data for as long as necessary. By providing a CV, you are agreeing for Gas Networks Ireland to process this information about you. If you have any queries about how Gas Networks Ireland processes your data, see our Privacy Notice or email dataprotection@gasnetworks.

Applications submitted after the closing date will not be accepted.

