



Welcome to the Winter edition of ESB Networks' stakeholder newsletter that connects our customers, stakeholders and staff with the latest news on key strategic projects happening across ESB Networks.

ESB Networks – delivering the electricity network for Ireland's clean electric future.



ESB Networks has developed its Business Plan for 2026-2030

ESB Networks has developed a Business Plan for 2026-2030, which has been submitted to the Commission for Regulation of Utilities (CRU). This plan, created in collaboration with customers and stakeholders, outlines our proposed investments in the electricity network over the next five-years as part of a regulated Price Review (PR) process. This process safeguards customers by regulating how much money ESB Networks can recover through electricity bills and ensures that the benefits for customers are delivered safely, sustainably, and efficiently.

Our Business Plan for Price Review 6 (PR6) covers the period 2026 to 2030. It addresses the strategic objectives and outcomes identified by the CRU in their [PR6 strategy paper](#) as well as our own long-term vision for the network as set out in our [Networks for Net Zero Strategy](#). ESB Networks will engage with CRU over the coming months to address queries relating to our proposed investments. The business plan will be published on our website in December 2024, and we expect that CRU will make a draft determination in Q1 2025.



ESB Networks sponsored the Energy Transition Summit in Croke Park

ESB Networks sponsored the Energy Transition Summit in Croke Park on September 26th. Teresa Fallon, Distribution Markets & System Operation Design Manager, ESB Networks, joined the opening panel discussion hosted by Ivan Yates. The panel discussion covered the theme 'Energy Infrastructure: Creating a transition-ready network: Construction, connection and management' and was attended by Dr. John Reilly, Head of Renewable Energy, Bord na Móna, John Finnegan, Principal Officer, Department of Environment, Climate and Communications (DECC) and Sinead Mercier, Lecturer in Planning & Environmental Law, Sutherland School of Law, UCD.

Bevin Cody, Strategy, Innovation & Electrification Manager, ESB Networks gave a keynote on 'Stream 1: The Customer Transition - Engaging & empowering consumers on the energy transition journey', which was hosted by Conall Bolger, CEO, of the Irish Solar Energy Association and spoke on the topic of "Unlocking consumer empowerment in the energy transition". Subject matter experts from Strategic Engagement, DMSO, Innovation, Smart Metering and Regulation & Commercial, engaged with stakeholders at the ESB Networks stand at event.

Thank you to all our stakeholders who attended and engaged with us at the event.



Energising your everything

ESB Networks sponsored the Irish Solar Energy Association (ISEA), 'Solar Ireland 2024' Annual Conference

ESB Networks sponsored the Irish Solar Energy Association (ISEA), 'Solar Ireland 2024' Annual Conference on October 1st. Jacinta Ryan, Transformation Director, ESB Networks participated in the morning plenary panel titled 'Getting to 2030', alongside other industry partners including Matt Collins, DECC, John Melvin, CRU, Liam Ryan, Eirgrid and Declan Cullinane, BayWA r.e. Ireland. Renewable connection experts from ESB Networks representing a range of customer focused teams interacted and engaged with governmental officials, industry partners and conference attendees at our stand.

ESB Networks was awarded 'Most Engaging Solar Ireland 2024 Team' voted for by attendees, Greg Hanna, Manager, Renewables and Major Connections and Mick Quirke, Manager, Regulation and Commercial, collected the award, on behalf of ESB Networks, which was presented by Conall Bolger, Chief Executive Officer of ISEA and Eva Barrett, Head of Policy, ISEA.

ESB Networks attended the Energy Storage Ireland Conference

ESB Networks also attended the Energy Storage Ireland conference in Croke Park on June 6th to hear about all the innovations happening in the battery storage area. These innovations will play a key role as we strive for Net Zero no later than 2050 as per the Climate Action and Low Carbon Development Act (Amendment) 2021. The team welcomed Deputy Mary Lou McDonald to the ESB Networks stand before her opening address to the delegates present.



ESB Networks participated at the inaugural National Infrastructure Symposium

Organised by the Office of the Planning Regulator (OPR), Department of Housing, Local Government and Heritage and Department of Public Expenditure, NDP Delivery and Reform, the inaugural National Infrastructure Symposium brought together a range of senior figures across the public sector for a day focused on discussion regarding the delivery of public infrastructure under the National Development Plan.

Minister Paschal Donohoe addressed delegates with Kevin Meaney, Principal Officer with the Department, speaking on the policy context for infrastructure delivery. Donal Crean, Strategy and Asset Management, ESB Networks joined a panel with Matt Collins, Assistant Secretary, Department of the Environment, Climate and Communications, Michael Mahon, Chief Infrastructure Officer, Eirgrid, and Eoin Gillard, Assistant Director, National Transport Agency, to discuss the topic of Critical Infrastructure delivery.



Energising your everything

Batter Lane Temporary 38kV Station Energised

Batter Lane temporary 38kV station received planning permission in December 2023. With civil works by TCSL commencing on site on April 2nd, 2024. The civil works involved fencing of the site, grading of topsoil, installation of bases, earth grid install, ducting install and stoning of the new compound. Civil works ran until June 26th overlapping with electrical works for a period of five weeks to ensure a tight delivery programme could be met. Electrical works commenced on May 23rd. This works in the station consisted of installing a 5MVA transformer, control room/MV module, 38kV module, HV/MV cabling, control & protection cabling and precommissioning. Electrical works were carried out by our contracting partners ERA (Energoinvest Reach Active). Works outside the station were carried out by internal ESB Networks crews. These works consisted of teeing into the Glasmore/Loughshinny 38kV line with a new double pole structure and running a new 38kV cable from the double pole to the 38kV switchgear in the station. MV works also took place which involved two new 20kv MV circuits from Batterlane Temp 38kV Stn, one circuit feeding to Turvey/Lusk Area and the other Circuit feeding out to East Donabate Area. These circuits were designed by ESB Networks and the works to install were carried out by internal crews from the North Dublin region along with our contracting partner Niaron, these circuits will significantly reduce load on Glasmore station with one circuit energised E15 Lusk on November 13th, 2024, feeding customers in Turvey/Lusk geographical area.

As part of ESB Networks' continuity strategy we have put significant investment in our MV Network infrastructure to facilitate network upgrades in addition to the work outlined above in the areas of Balheary, Donabate, Lusk, Portrane and Turvey which are scheduled to take place on a select number of dates from September 20th up until the end of January 2025. This work will provide our customers with a more resilient network and improve quality of supply to all customer in this area. Commissioning by ESB Networks commissioning team commenced at the end of July and the station was energised on October 1st. This project was delivered in a tight timeframe to help improve continuity in the North Dublin region. The permanent solution for the site is to install a new 110kV station adjacent to the 38kV station. This project could only be achieved through a huge collaborative effort by all parties involved including ESB Networks, E&MP, ESB Networks Operations, ESB Networks Telecoms CPG and both civil contractor (Tom Connolly and Sons Ltd) and electrical contractor ERA (Energoinvest Reach Active). The 38kV station project was managed and delivered by Delivery Assurance Management North with the MV offload being carried out by ESB Networks North Dublin. We thank all teams who contributed to the success of this project.





Energising your everything

ESB Networks sponsored the inaugural Smart Grid Ireland Annual Conference in Croke Park

Teams from ESB Networks engaged with stakeholders at the Smart Grid Ireland Innovation Conference on June 20th in Croke Park, Dublin.

Colleagues from our Engagement, DMSO, Innovation and Electrification teams also welcomed to the ESB Networks area, Dr. Jennifer Carroll MacNeill, TD, Minister of State with responsibility for EU Affairs & Defense.

Teresa Fallon, Manager, ESB Networks, Distribution Markets and System Operator Design (DMSO), also presented to stakeholders as part of the session called – ‘Using Digitalisation to Integrate the Customer & Community’, chaired by Mark McGranaghan (EPRI - Chairman SGI) under the theme of ‘Using Digitalisation to Integrate The Customer & Community’. Joining Teresa were Deirdre De Bhalis, Dingle Hub, Peter Glover, NIE and Steve Heinen, EY Digital Hub.

The Smart Grid Ireland Innovation Conference 2024 focused on Powering the Energy Transition to Net Zero: Innovations & New Solutions that will help bridge the gap between policy, regulation, investment & delivery.



The 'Flexible Demand Connections' Expression of Interest was issued to stakeholders

Following the successful close of our Expression of Interest (EOI) for 'Flexible Demand Connections' in July 2024, ESB Networks has continued to engage closely with stakeholders through a series of targeted discussions. These meetings have been invaluable in refining the next steps of this initiative, which remains central to our commitment to delivering a net zero-ready electricity network by 2040.

Timed Connections Phase 1 Pilot Development

Since the EOI, we have held detailed discussions with each interested party expressing interest in Phase 1. Through these engagements, we have deepened our understanding of each participant's unique requirements and objectives. This collaborative approach has allowed us to refine the pilot phases and further helped with exploring innovative solutions for managing the growing demand for electricity, including the optimisation of existing network infrastructure. Works are ongoing to assess respondents to determine viable pilot sites and put in place the necessary processes and procedures to enable the pilots to proceed.

Flexible Demand Connections Phase 2: Looking Ahead

We are also preparing for the launch of Phase 2 engagement, which will commence shortly. Building on the progress made in Phase 1, we are committed to expanding our collaboration with stakeholders to further increase the capacity and flexibility of our distribution network.

We thank all stakeholders for their continued support and commitment. Your participation is vital as we work together to empower customers by decarbonising their energy use and achieving our shared net zero goals. Stay tuned for more updates, and as always, we appreciate your ongoing collaboration.



NETWORKS

Projects

- Income Estimates Small Areas - 2024
- Road Traffic Statistics
- EV Charge Points
- Standing EV Charge Point
- Standing EV Charge Line
- Secondary Substation
- Secondary Substation Feeder Area
- Airside/Sea Terminal

Primary Substation Secondary Substation

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Engerising your everything

ESB Networks announced a pilot project with Advanced Infrastructure

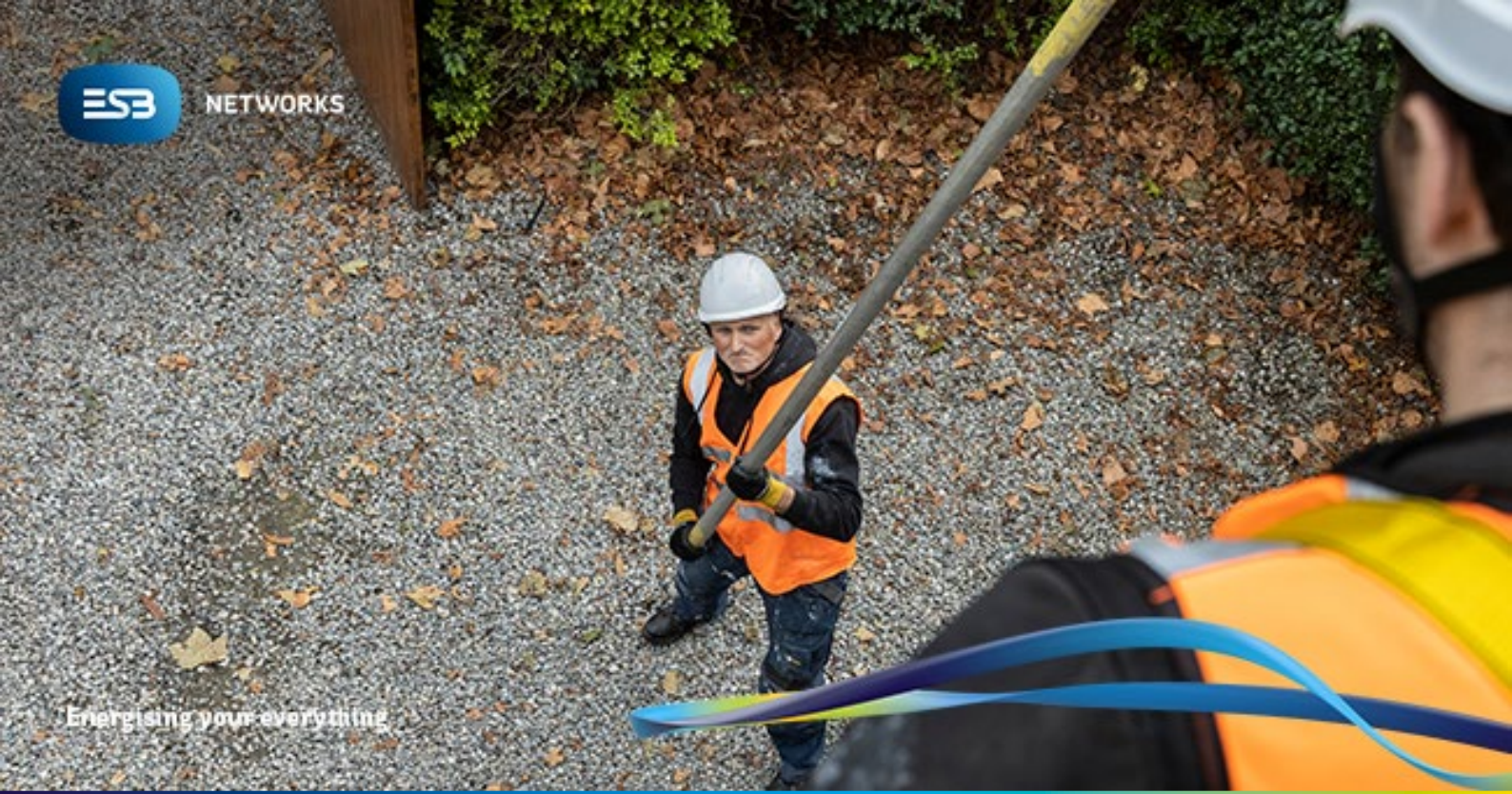
ESB Networks recently announced a joint innovation project with spatial analytics and software company Advance Infrastructure designed to improve and enhance the connection application experience for customers. The pilot project seeks to provide local authorities, electric vehicle charge-point developers and other medium voltage demand customers with an online screening tool to self-assess their demand connection requirements against available network capacity in selected areas, estimated connection timeline and cost information, thereby enabling them to refine their connection requirements in advance of any formal connection applications.

Read more [here](#).

ESB Networks participated at Cyber Security Summit in Croke Park

Eamonn Quirke, Business Continuity & Cyber Security Assurance Manager, ESB Networks appeared on the panel 'Securing Critical Sectors and Infrastructure in A Changing Threat Environment' in Croke Park on October 15th, at the Cyber Security Summit. The theme of the session was 'Future Tech Beyond the Horizon' and was chaired by Newstalk presenter Jess Kelly. The panel discussion focused on how CIOs have taken the recent CrowdStrike outage as an opportunity to reassess their company's preparedness against major outages. Testing out crisis scenarios and developing business continuity plans are some of the tools available to tech chiefs before the next major IT outage strikes.

Eamonn discussed the topic in detail with Neil Payne, Cyber Security Architecture Manager, Uisce Éireann & Pete Connolly, Delivery Director, Cyber Transformation, HSE.



Energising your everything

Teams from ESB Networks attended the CIF Health and Safety Conference and the CIF Annual Conference in Croke Park

Teams from ESB Networks attended and engaged with stakeholders at two major conferences in association with the Construction Ireland Federation (CIF) recently, CIF Health and Safety Conference and the CIF Annual Conference in Croke Park.

ESB Networks have also recently sponsored the CIF 'Construction Safety Campaign 2024' for another year in conjunction with Gas Networks Ireland (GNI). The CIF Construction Safety Campaign took place in October under the theme of 'Focus on Critical Risks'.

The transmission and distribution of electrical energy around Ireland is our core business, and doing this safely is fundamental to our success. On October 25th, teams delivered an online seminar along with GNI to discuss the critical risks associated with working around electricity and gas networks.

Kind regards,



Mark Madigan,
ESB Networks, Strategic Engagement Team