



# NESO Business Plan 1 Summary Document

November 2025



# Introduction

The UK’s 2023 Energy Act set the legislative framework for an independent system planner and operator to help accelerate Great Britain’s energy transition, leading to the establishment of the National Energy System Operator (NESO) on 1 October 2024. The creation of NESO was driven by an urgent need to unify and optimise the approach to energy. The current system, though effective in many ways, requires a more integrated and coordinated strategy to meet the unprecedented challenges of ensuring secure energy supply, climate change and importantly making costs manageable for energy consumers of today and tomorrow.

NESO lies at the heart of transforming that system as an independent, non-profit public corporation responsible for planning Great Britain’s electricity and gas networks, operating the electricity system and creating insights and recommendations for the future whole energy system. In fulfilling this central role, NESO brings together elements such as system planning, real-time operation, and future-focused insights to drive coordinated progress across the energy landscape.

NESO’s Corporate Strategy sets out how it will deliver on this mandate, setting out key strategic goals and measures that clarify our priorities for the next five years. This provides a framework within which this business plan sits detailing our aims, activities and spending for the coming two years.

## The Evolving State of the Energy Sector

The UK energy sector is undergoing a significant transformation. While notable progress has been made toward achieving net zero emissions, the journey is entering a more complex and demanding phase. The government’s ambition to deliver a clean power system by 2030 is accelerating this shift, calling for coordinated action across every part of the energy system from generation and infrastructure to markets and consumers.

Despite these advances, the UK remains vulnerable to fluctuations in global gas markets which continue to influence domestic energy prices and impact households and businesses. As we look ahead, the energy landscape will be shaped by rapid and interconnected changes. NESO’s strategic priorities and the way it operates must consider several key trends:

- **There is a need for greater energy security and national resilience** in the face of global energy market volatility. Ensuring protection against price volatility through diversified, domestic energy sources and mitigation of growing concerns around resilience—both in supply security and climate-related disruptions.
- **The adoption of clean energy technologies** will intersect with broader economic, social, and technological developments, requiring flexible and forward-thinking solutions.
- **Public engagement and support** for the energy transition will be shaped by diverse and evolving factors, including affordability, accessibility, trust in the system and ongoing security of supply. It will also be driven by economic growth and job creation.



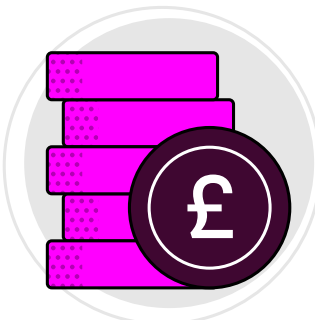
Our remit spans the whole energy system, including electricity, gas, hydrogen, bioenergy, and carbon. This includes both supply-side coordination and enabling greater efficiency and flexibility in energy demand. We coordinate the flow of electricity across transmission systems, plan for future infrastructure needs, and provide trusted, whole-system insights to government, regulators, industry, and the public.

NESO's statutory duties require us to carry out our functions in the way that best promotes:



**Security of supply**

Ensuring energy is reliable and resilient across all seasons and scenarios.



**Efficiency and economy**

Delivering value for consumers and the wider economy through system-wide optimisation.

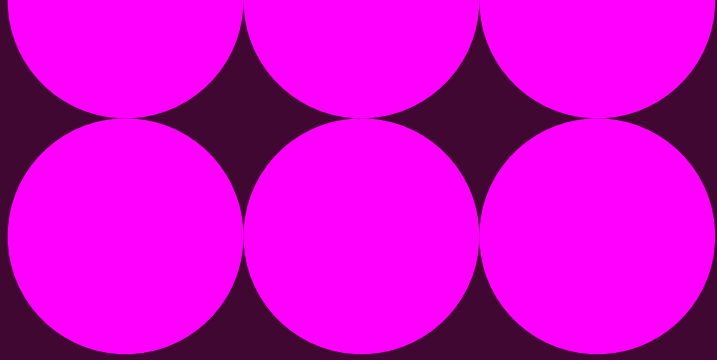


**Net Zero Objective**

Enabling the transition to a low-carbon energy system.







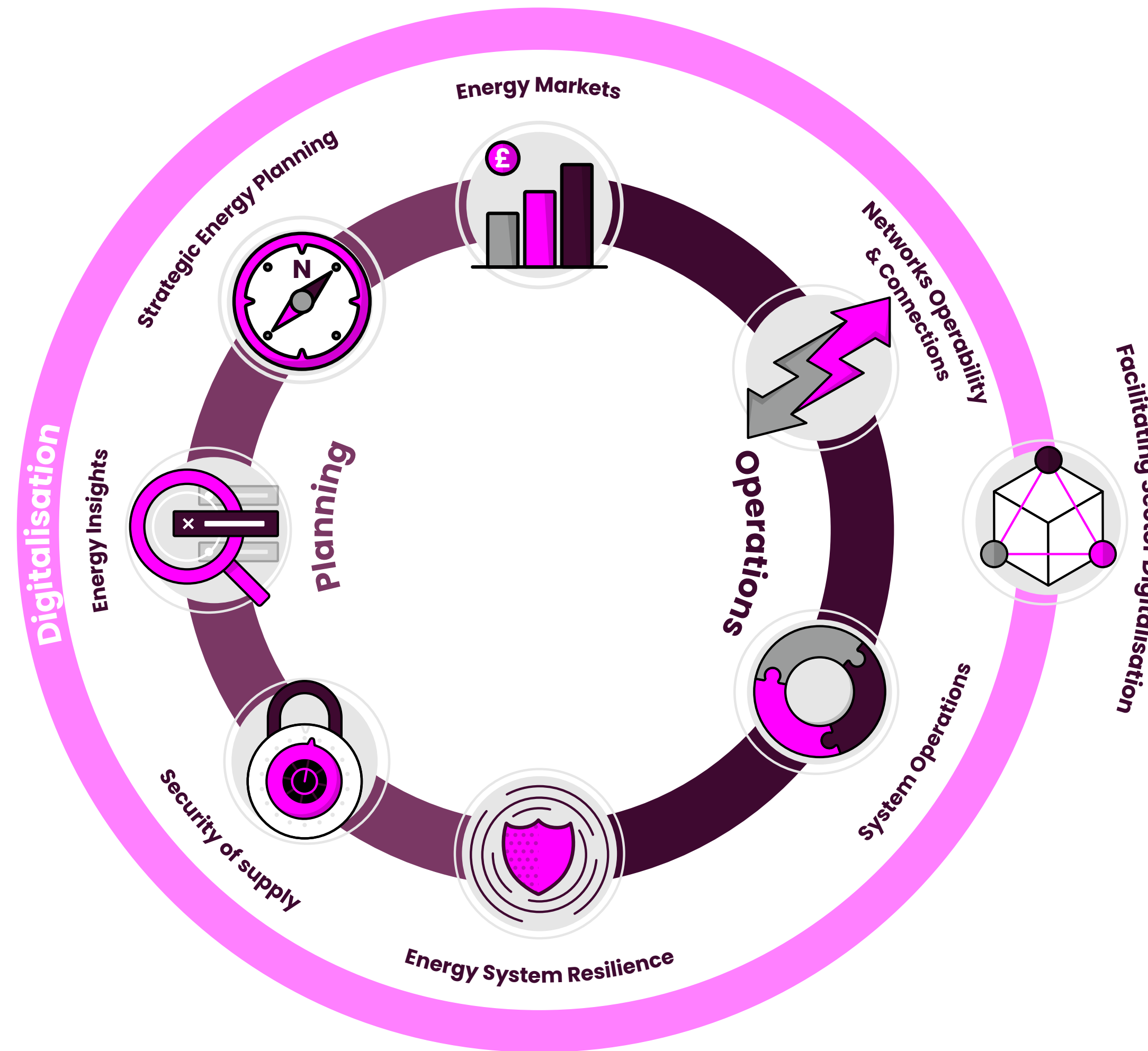
# Strategy on a Page

HOW WE WILL DEFINE SUCCESS	PURPOSE	Forge the path to a sustainable future for everyone			
	VISION	A future where everyone has access to reliable, clean and affordable energy: Our work will be a catalyst for change across the global community			
	GOALS	<p>Drive consumer value</p> <p>We will minimise supply and price risks, design competitive markets, and efficiently manage system costs through effective operational decisions, benefiting consumers positively</p>	<p>Deliver a secure, resilient, and operable energy system</p> <p>We will ensure the whole energy system remains resilient, secure, and operable during the energy transition by managing risks, seizing opportunities, and developing the necessary capabilities to enable and facilitate it</p>	<p>Pave the way to Sustainable Energy</p> <p>We will design, develop and deliver a Clean Power System by driving innovation, attracting investment, and advising decision-makers to help achieve a successful and fair transition to a net zero energy system</p>	<p>Lead as a trusted expert</p> <p>We will foster strong partnerships nationally and globally, leveraging digitalisation and data across the whole energy system and facilitating growth</p>
	VALUES	 <p>Be Curious</p>	 <p>Create Belonging</p>	 <p>Accelerate Progress</p>	 <p>Build Trust</p>
	STRATEGIC AIMS	<p>A highly engaged and motivated workforce</p> <p>Delivering resilience &amp; operational continuity in an economic and efficient manner</p> <p>A connections queue of viable strategically aligned projects</p> <p>A high degree of customer trust</p> <p>The first GB Strategic Energy Planning cycle completed, and SSEP &amp; RESP embedded</p> <p>Great Britain's Clean Power Ambition is on track to deliver</p>			

# How We will Deliver

NESO plays a central role in shaping Great Britain's energy system through eight core roles that connect actors, markets, and technologies. By consolidating within a single organisation, NESO enables whole-system coordination, reduces duplication, and drives efficiency across the sector.

Our work delivers tangible impact supporting competitive markets, enabling smarter system operation, and strengthening infrastructure resilience all underpinned by trusted, evidence-based insights that inform regulatory decisions and industry investment.



The delivery of our strategic aims through targeted services to industry and stakeholders forms the foundation for our forward planning. These services are not static; they are shaped by performance objectives that demand continuous improvement, sector responsiveness, and demonstrable impact.

As we move into the next two-year business plan the activities embedded within our eight core roles are central to achieving desired outcomes. These activities generate direct benefits but also incur costs and require targeted investment to remain effective and future ready. Our business plan focuses on the major outcomes that NESO intends to achieve by the end of the two-year Business Plan period.

Delivering on our objectives will require change initiatives, including capability uplift, digital transformation, and enhanced stakeholder engagement.

This Business Plan sets out the programme of work, investment priorities, and performance commitments that will guide our delivery over the next two years. It reflects a clear line of sight from strategic intent to operational execution, ensuring that NESO continues to meet the needs of the UK energy system while upholding high standards.



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# Introduction

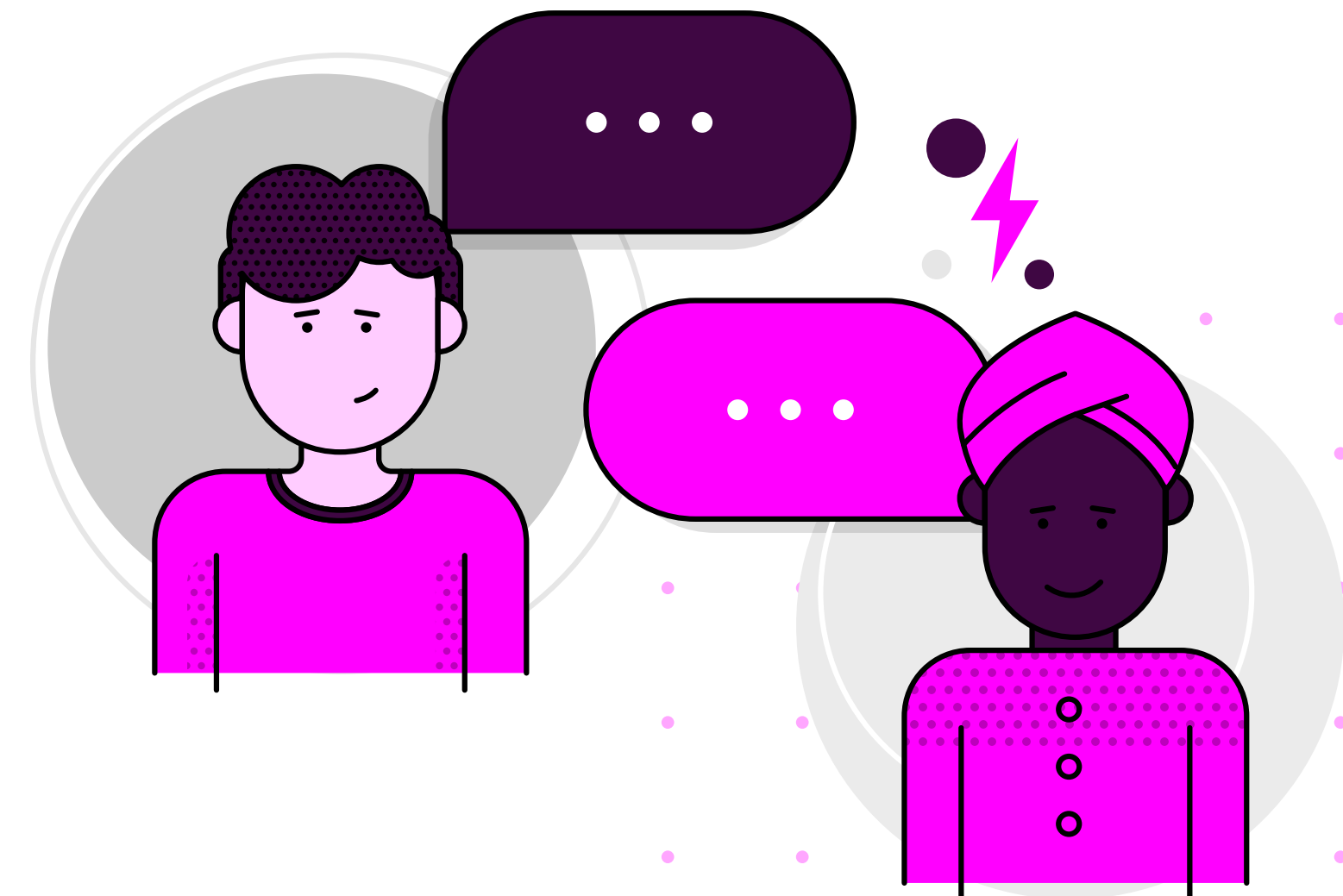
NESO's Business Plan outlines our strategic objectives and priorities for the two-year period from 1 April 2026 to 31 March 2028. It sets out the actions we will take, the changes we aim to deliver, and the impact these will have across the energy system—providing a clear and transparent view of how NESO will drive progress and deliver measurable outcomes throughout the cycle.

As a publicly accountable organisation, delivering value and ensuring value for money (VfM) is central to NESO's mission. We recognise that the way we use resources must be demonstrably efficient, effective, and aligned with the long-term interests of consumers.

This Business Plan is therefore structured to provide:

- A robust ex-ante assessment of how our activities will deliver benefits relative to their costs.
- A practical framework for performance management and reporting, which NESO will use day-to-day.

By doing so, we ensure that our commitments are not only credible at the point of submission, but also capable of being tracked, evidenced, and evaluated throughout the life of the plan.





The value NESO unlocks

We recognise the criticality of demonstrating the delivery of value across everything that we do. To demonstrate the full breadth of its impact, NESO has adopted a robust, outcomes focused methodology that goes beyond traditional cost metrics. This approach responds to stakeholder feedback and aligns with Ofgem’s evolving regulatory view by capturing a broader spectrum of value both monetisable and non-monetisable impacts.

To demonstrate the value NESO adds, we have adopted a top-down approach to estimate a headline economic impact providing a clear, accessible indicator of NESO’s strategic contribution to the UK energy system. This high-level assessment considers our wider impact, while intentionally simplifying the full breadth of value delivered by NESO’s activities over the regulatory period.

During the NESO1 period to FY28, our actions will deliver **up to £3.2bn in consumer value, demonstrating our commitment to powering progress and delivering lasting impact.**

Aggregating Impact:  
How NESO’s Roles Drive Strategic Value

To fully articulate the value NESO delivers, we complement our top-down assessment with a bottom-up analysis of role-level contributions. This dual approach ensures that NESO’s strategic priorities are grounded in tangible, operational activities, and that stakeholder expectations are met with clear evidence of value for money.

Each NESO role contributes uniquely to our overarching strategic goals. These roles interact synergistically, with some delivering direct monetisable benefits and others enabling or amplifying value through insight, coordination, and long-term preparedness.

Together, these roles form a tightly integrated value chain. Operational activities at the role level are not isolated they interact dynamically to deliver the strategic outcomes.

This interconnected framework ensures that NESO’s value is not only measurable but also enduring. While the business plan focuses on the NESO1 period to FY28, the foundations laid by these roles will continue to deliver benefits well beyond the regulatory cycle, supporting long-term system efficiency, resilience, and decarbonisation. This approach forms a key component of the performance framework under which NESO will execute the business plan and inform decision making within the execute including the prioritisation of activities and interventions.

Consumer Value:  
Up to £1.2 billion

NESO reduces energy system costs through its actions and initiatives, delivering annual savings through improved system efficiency. Over the NESO1 period, these actions are expected to generate significant value demonstrating a clear commitment to powering progress and delivering lasting impact.

Deliver a Secure,  
Resilient and Operable  
Energy System:  
Up to £245 million

NESO creates societal value by ensuring a reliable and operable energy system, which underpins public confidence and system stability. By consolidating key responsibilities, NESO eliminates duplication, enhances collaboration, and strengthens operational resilience across the sector.

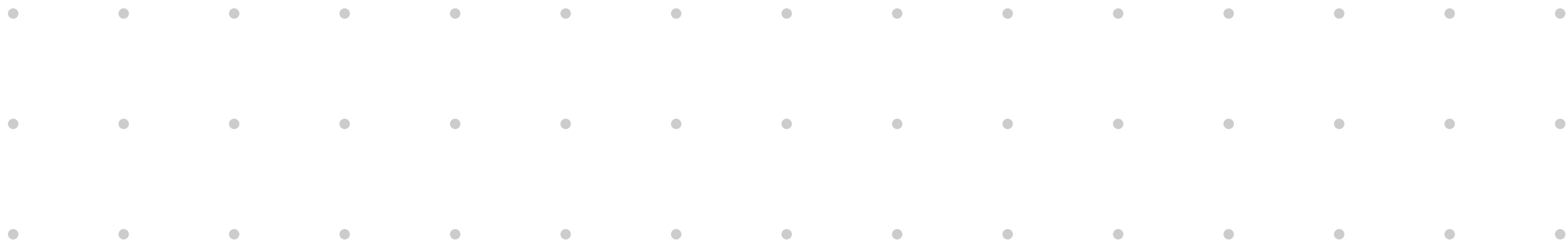
Pave the Way to  
Sustainable Energy:  
Up to £1.5 billion

By accelerating grid connections and reducing investor risk, NESO will enabler between £670 million and £1.2 billion in investment by the end of the business plan period. These efforts directly support the UK’s net zero targets, avoiding emissions valued at £125 million to £225 million over the regulatory period.

Lead as a Trusted  
Expert: Up to  
£310 million

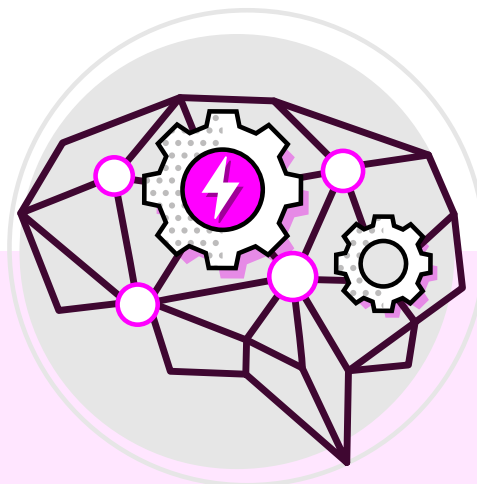
NESO’s trusted expertise and data-driven insights give stakeholders confidence in the fairness, security, and affordability of the energy transition. By lowering system costs, NESO reduces input prices for industry enhancing competitiveness and stimulating economic activity. This is expected to generate significant additional gross value added (GVA) over the regulatory period.

# Performance Objectives



## Planning a Clean Energy Future

NESO will shape the future of energy by defining the energy infrastructure requirements across Great Britain that reflect societal and community values, safeguard the environment, maintain system resilience and ensure consumer benefits are realised. This will guide the transition to a clean, affordable and secure energy for GB by delivering first-of-a-kind whole energy strategic planning.



## Operating an Intelligent, Real-Time Grid

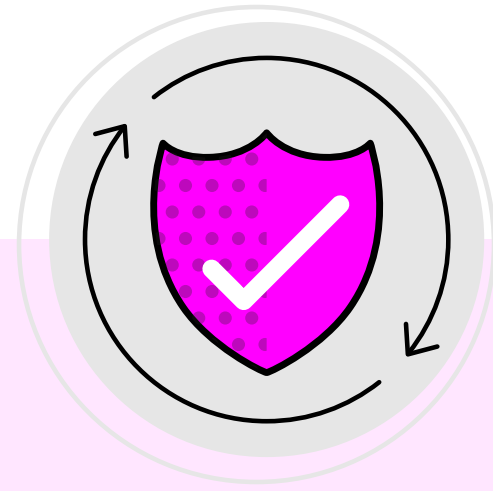
NESO will operate a flexible, and increasingly intelligent, electricity system, optimising transparent real-time decision-making and ensuring ongoing resilience of the energy system. Enhanced operational decision-making will be enabled through data, automation and future-ready digital tools. Operational capability will be transformed by maximising the benefit of digitalisation and ensuring the correct skillsets and processes are in place to manage increasing variability and complexity of the GB Power System.



## Enabling Smarter, Cleaner Markets

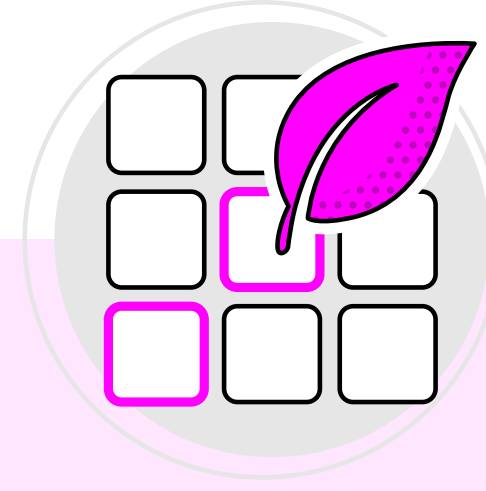
NESO will evolve key market frameworks to enhance market signals and improve market access, and provide open access to systems and data. This will increase competition, reduce supply and price risks, support flexibility and innovation, and enable efficient market participation of new technologies and distributed resources.





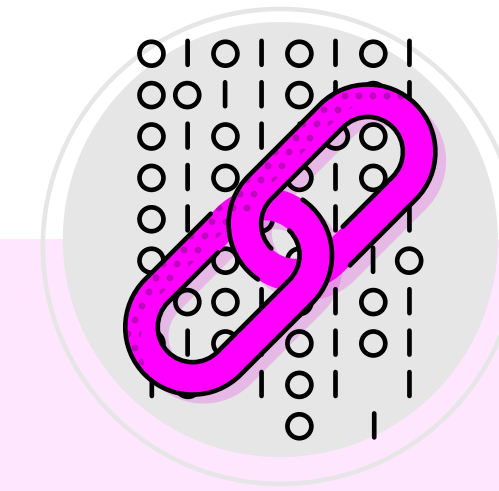
### Driving Whole-System Resilience

NESO will drive improvements in whole energy system security and resilience by being the catalyst for coordinated and prioritised action across the system to address risks. We will deliver clear insights and advice to our stakeholders through robust analysis, systematic, and topical assessments, reviews, emergency exercises, and plans -grounded in an evolving understanding of system risks and interdependencies. This cycle of continuous learning, assessment, and action will reinforce NESO's position as a trusted technical authority and enhance system resilience.



### Delivering a Decarbonised, Operable Grid

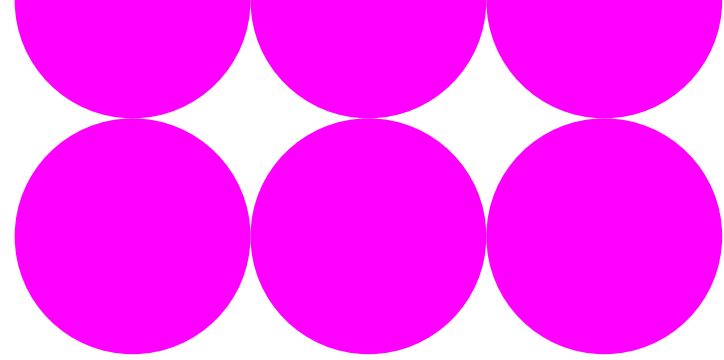
NESO will enable efficient connections and coordinated system standards, delivering a resilient, operable and decarbonised energy system whilst reducing barriers to entry. Reordering the connections queue will ensure timely and efficient network connections that support system growth and delivery of CP30. This will be underpinned by a reimagined and transparent enduring connections process, whilst maintaining coordinated operability standards across an increasingly complex, decentralised energy system.



### Building a Digitally Connected Energy System

NESO will enable a digitally connected energy system through open data, smart standards, AI and interoperable tools accelerating innovation, broadening participation, and driving system-wide efficiency. This will accelerate digitalisation across the energy sector by enabling data access, interoperability, innovation and driving collaboration across the sector.





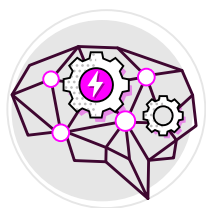
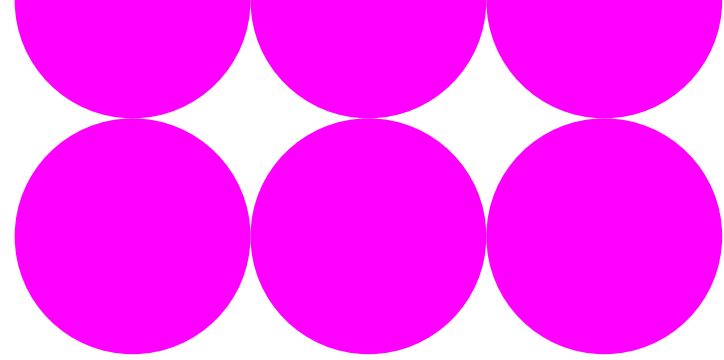
# Planning a Clean Energy Future

## 26/28 Performance Objective

NESO will shape the future of energy by defining the energy infrastructure requirements across GB that reflect societal and community values, safeguard the environment, maintain system resilience and ensure consumer benefits are realised. This will guide the transition to a clean, affordable and secure energy for GB by delivering first-of-a-kind whole energy strategic planning. The plans will reflect diverse perspectives by fostering inclusive engagement with stakeholders, with critical capabilities and tools embedded.

How we measure success <i>Success Measures</i>	Endorsement of the plans by the established governance	# and % of SEP datasets published	Participation and representation across societal, environmental, geospatial and advisory groups
	Customer trust index measure		
Objective Breakdown	Deliver the first-of-a-kind whole-energy strategic planning to guide the transition to a clean, affordable and secure energy for Great Britain	Develop and embed the critical capabilities and tools required to deliver	Foster inclusive engagement with stakeholder to ensure the plans reflect diverse perspectives
What we will deliver <i>Major Deliverables</i>	Deliver the Strategic Spatial Energy Plan (SSEP) <b>TBC</b>	Finalise the establishment of the regional people capabilities required to deliver the RESP <b>Nov 26</b>	Establish regional external Governance Boards through RESP <b>Jul 26</b>
	Deliver SSEP methodology [update / v2] (subject to Commission) <b>TBC</b>	Deliver the annual Operability Strategy Report <b>Mar 27</b>	Establish national SEP external governance framework <b>Dec 26</b>
	Deliver the tCSNP2 Refresh <b>TBC</b>	Build and develop our capabilities to undertake independent engineering assurance of energy networks <b>Ongoing</b>	Establish a dynamic stakeholder and societal engagement framework <b>Ongoing</b>
	Deliver the Centralised Strategic Network Plan (CSNP) <b>TBC</b>	Adopt digital-first capabilities to support the production of our strategic energy plans <b>DDT Annex</b>	
	Deliver first Regional Energy Strategic Plans (11x RESP) <b>TBC</b>	Progress delivery of Distributed Energy Resources visibility product roadmap <b>TBC</b>	





# Operating an Intelligent, Real-Time Grid

## 26/28 Performance Objective

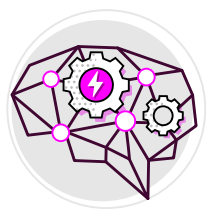
NESO will operate a flexible, and increasingly intelligent, electricity system, optimising transparent real-time decision-making and ensuring ongoing resilience of the energy system. Enhanced operational decision-making will be enabled through data, automation and future-

ready digital tools. Operational capability will be transformed by maximising the benefit of digitalisation and ensuring the correct skillsets and processes are in place to manage increasing variability and complexity of the GB Power System.

<div>How we measure success</div> <div>Success Measures</div>	Carbon intensity of NESO actions	Forecasting accuracy
	Zero carbon operability	On-boarding time of market participants to engage with the balancing mechanism
	System availability and reliability	Customer trust index
	Dispatch efficiencies (skip rates)	System management and disturbances (frequency, voltage, inertia)



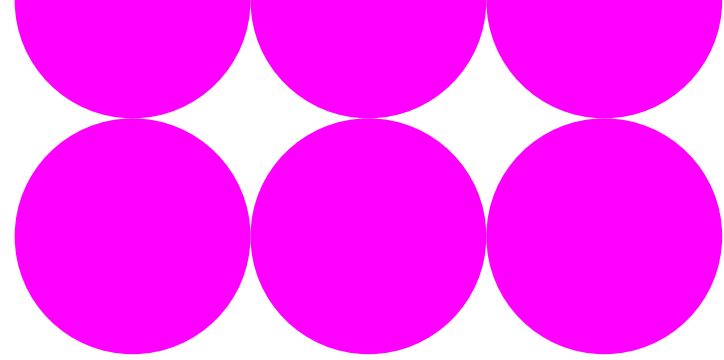




# Operating an Intelligent, Real-Time Grid Continued

Objective Breakdown	Continued digitalisation of real time operations through the integration of new and enhanced operational tools, digitalisation through data and automation, to optimise operational decision-making for clean power and customer responsiveness	Transforming real time operational capability to maximise benefit of digitalisation of the energy sector and ensure correct skillsets and processes are in place to manage operational risk and optimise balancing costs
What we will deliver <i>Major Deliverables</i>	Transform electricity Operations to enable CP30 and increase consumer and small asset flexibility while ensuring continuity of secure and efficient operations <b>Mar 2028</b>	Transform operational capabilities to enable CP30 and deliver enhanced system access and connections services, including delivery through the constraint collaboration project and system access reform (SAR) <b>Apr 2027</b>
	Operationalise NCMS and OBP, leveraging enhanced situational awareness and capabilities to drive cost and dispatch efficiency <b>Mar 2028</b>	Embed functional changes to our operating model and ways of working, enabling our operational teams to optimise secure and efficient operation of the electricity system <b>Sept 2026</b>
	Complete the transition to a unified, modern balancing capability centred on the Open Balancing Platform (OBP) while maintaining safe and secure operation <b>Mar 2027</b>	Continue to optimise balancing costs and drive dispatch efficiency through initiatives such as the dispatch strategic review and by facilitating market access for small and flexible assets <b>Ongoing</b>
	Continuously enhance OBP to support regulatory compliance, improve control room functionality, increase transparency and deliver key market and network services <b>Mar 2028</b>	Accelerate the transformation of real-time operations by embedding advanced people capabilities and leveraging next-generation operational tools, driving measurable improvements in agility, decision-making, and system resilience <b>Ongoing</b>
	Embed new operational tools to monitor system stability and strength, and integrate into operational processes and support models <b>Mar 2028</b>	
	Maximise benefit of new data platforms and drive improvements to data quality <b>Ongoing</b>	
	Continue to enhance the customer experience and maintain delivery of improvements to operational transparency <b>Ongoing</b>	
	Fully embed new simulator environments and develop a strategy for future people capabilities <b>Apr 2027</b>	
	Enhance the digital capability to realised benefits of system access and transmission analysis reform <b>Apr 2027</b>	
	Transform our energy forecasting capability, in line with our published forecasting strategy, while building new forecasts and models as required to meet the ever-changing landscape <b>Mar 2028</b>	





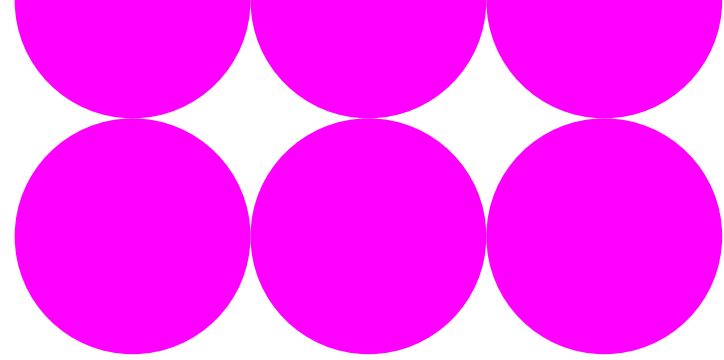
## Enabling Smarter, Cleaner Markets

### 26/28 Performance Objective

NESO will evolve key market frameworks to enhance market signals, improve market access and make our data accessible. This will increase competition, reduce supply and price risks, support flexibility and innovation, and enable efficient market participation of new technologies and distributed resources.

How we measure success <i>Success Measures</i>	Balancing Services consumer benefits (£m) from new and existing services	Efficiency and effectiveness of NESO Markets	Effective Code administration
	Growth of demand side participation in NESO markets	Adoption rate and participation of existing and new products and services	Effective markets whole system coordination
	Customer trust index		
Objective Breakdown	Enhanced whole energy system market signals and coordination to enable efficient participation by new technologies and distributed resources	Market frameworks evolved to support decarbonisation, flexibility, innovation and consumer value	Competitive, accessible markets designed and operated to minimise supply and price risks for consumers
What we will deliver <i>Major Deliverables</i>	Implement changes from ‘Enabling Demand Side Flex’ programme and Clean Flexibility Roadmap <b>Mar 28</b>	Progress implementation of Reformed National Pricing, including changes to balancing and constraints <b>Mar 28</b>	Support DESNZ in the development and implementation of the Hydrogen Code <b>Mar 28</b>
	Develop our digital infrastructure to enable market outcomes/access (inc. digital platforms and data) <b>Mar 28</b>	Support DESNZ and Ofgem by advising on the role of TNUoS and connection charges within RNP, as well as advise on detailed design options <b>Mar 28</b>	Develop balancing services to meet clean power system needs in line with the Markets Roadmap <b>Mar 28</b>
	Publish and develop in collaboration with industry our Gas Future Markets Plan which will facilitate the transition of the gas market to a decarbonised energy system <b>Mar 28</b>	Alongside DESNZ and Ofgem deliver CM & CfD reform for a Clean Power system <b>Mar 28</b>	Operate procurement mechanisms (auctions, network services, CM & CfD delivery body) to ensure real time system requirements are met <b>Mar 28</b>
		Progress hydrogen and CCUS integration into market frameworks <b>Mar 28</b>	Increase of demand side participation in NESO markets through delivery of the Routes to Market project <b>Mar 28</b>
		Be a trusted expert on Gas Code and progress modifications to drive change aligned to decarbonisation <b>Mar 28</b>	Implement a “Demand for Constraints” service, intended to incentivise flexible demand in constrained areas <b>Aug 26</b>
		Support the development of frameworks across RNP, Connections, Cross-border, Flexibility, DSO <b>Mar 28</b>	
		Engage with stakeholders to support the facilitation and implementation of optimal outcomes on Energy Code Reform <b>Mar 28</b>	





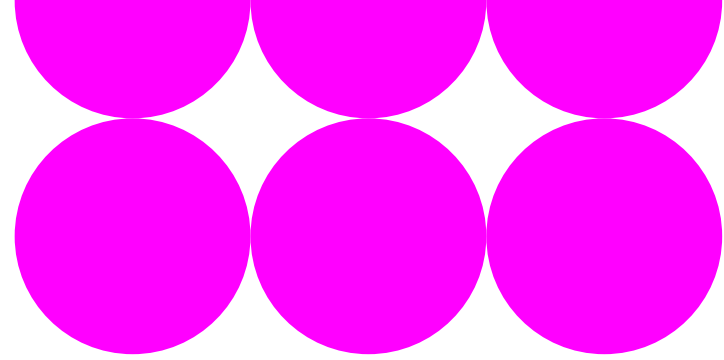
## Driving Whole-System Resilience

### 26/28 Performance Objective

NESO will drive improvements in whole energy system security and resilience by being the catalyst for coordinated and prioritised action across the system to address risks. We will deliver clear insights and advice to our stakeholders through robust analysis, systematic,

and topical assessments, reviews, emergency exercises, and plans –grounded in an evolving understanding of system risks and interdependencies. This cycle of continuous learning, assessment, and action will reinforce NESO’s position as a trusted technical authority and enhance system resilience.

How we measure success	Assessments of priority resilience topics and risks delivered in a timely manner and to scope and quality	Timely delivery of and successful adherence to our obligations under the Electricity System Restoration Standard	
	Licensed reports delivered on time and to scope and quality	Customer trust index	
Objective Breakdown	Building understanding of energy system & risks to pull insight from and enable stakeholders (gov and industry) to make decisions aware of complex system interactions and interdependencies	Produce systematic and robust energy system resilience assessments, reviews, insights and plans to drive prioritised action for NESO and our stakeholders (gov and industry)	Leveraging our role as a trusted technical authority to drive and enable improvements in whole energy system resilience
What we will deliver Major Deliverables	Identify vulnerabilities (incl. via system mapping and complex risk modelling) <b>Ongoing</b>	Produce annual Whole Energy System Resilience & Risk assessments <b>Jun 26 &amp; Jul 27</b>	Dynamic risk escalation and reporting to government/ stakeholders <b>ongoing</b>
	Develop and maintain Whole Energy System Risk Encyclopaedia <b>Ongoing</b>	Conduct national security of supply assessments incl. Elec ( <b>every 1 – 2 years</b> ), Gas ( <b>annual</b> ) and Hydrogen ( <b>post '26</b> )	Provide capacity market recommendations <b>annual</b>
	Develop and maintain Whole System Resilience & Risk Framework aligned with gov. strategy <b>Mar 28</b>	Review methodology and identify Critical National Infrastructure <b>by gov request</b>	Co-develop resilience improvements and risk mitigations with government and industry stakeholders <b>ongoing</b>
		Produce high-impact assessments on prioritised resilience topics and risk <b>multiple times per anum</b>	Coordinate and support emergency response exercises for NPOs and prioritised risks <b>multiple times per anum</b>
		Produce seasonal assessments: energy system readiness and the electricity Outlook <b>Apr, Oct 26 &amp; Apr, Oct 27</b>	Deliver Electricity System Restoration Standard <b>Dec 26</b>
		Produce annual emergency response process assessments <b>Dec 26, Dec 27</b>	Support emergency response coordination and transparency <b>ad hoc</b>
		Undertake post-event and emergency reviews <b>ad hoc</b>	



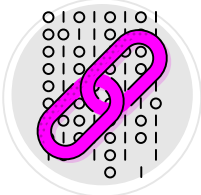
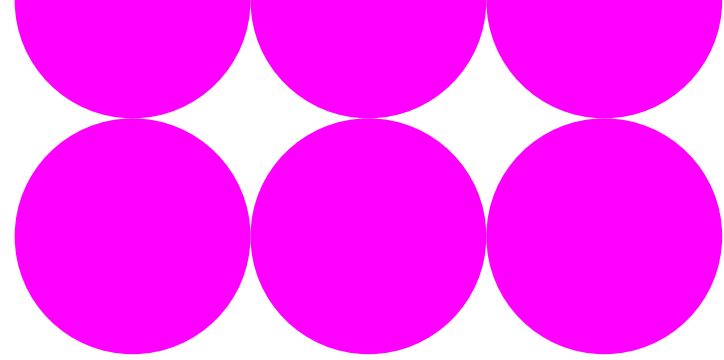
# Delivering a Decarbonised, Operable Grid

## 26/28 Performance Objective

NESO will enable efficient connections and coordinated system standards, delivering a resilient, operable and decarbonised energy system whilst reducing barriers to entry. Reordering the connections queue will ensure timely and efficient network connections that support system growth and delivery of CP30. This will be underpinned by a reimagined and transparent enduring connections process, whilst maintaining coordinated operability standards across an increasingly complex, decentralised energy system.

How we measure success <i>Success Measures</i>	Acceleration of connections	% compliance rate of service terms	% of projects in the new connection queue strategically aligned with CP30
	Embedding lessons from previous connections windows	Customer Trust Index	Queue composition and size (connections tracking – capacity and technology types)
	New way of working under GC0139 Mod (model exchange) established with all DNOs	Connection platform use and experience	
Objective Breakdown	Managing the connections queue to ensure timely and efficient network connections to support system growth and delivery of clean energy integration (including CP30)	Maintain operability standards across a more complex, decentralised energy system	Champion a reimagined, transparent connections process that removes barriers, builds trust with Industry, and drives long-term growth
What we will deliver <i>Major Deliverables</i>	Conduct a comprehensive end-to-end review of User Grid Code compliance process to accelerate user integration into the system and enable proactive alignment between future system requirements and user accountability <b>Mar 28</b>	Fully embed operability assessments in network / system planning and connections <b>Mar 27</b>	Deliver a re-imagined, transparent customer connections journey aligned to SEP <b>Mar 28</b>
		Deliver a scalable, market-driven operability services suite that enhances grid flexibility, resilience, and cost-efficiency <b>Mar 28</b>	Launch shared digital platform for connections data to improve transparency of connections information <b>Mar 28</b>
	Deliver Operability Policy Reform to achieve strategic alignment between Operational Assessment and SEP <b>Mar 28</b>	Deliver Transmission Analysis Reform project and share the learning with the industry <b>Mar 28</b>	Facilitate progress through the end-to-end connections process of existing customers and enable new customer's entry and accelerate the integration into the system <b>Mar 28</b>
	Deliver national strategic demand project <b>Mar 28</b>	Enhance balancing service performance monitoring through real-time data analytics and actionable insights to drive system reliability and provider's accountability <b>Mar 28</b>	Enhance data and modelling sharing with DSOs and stakeholders <b>Mar 28</b>



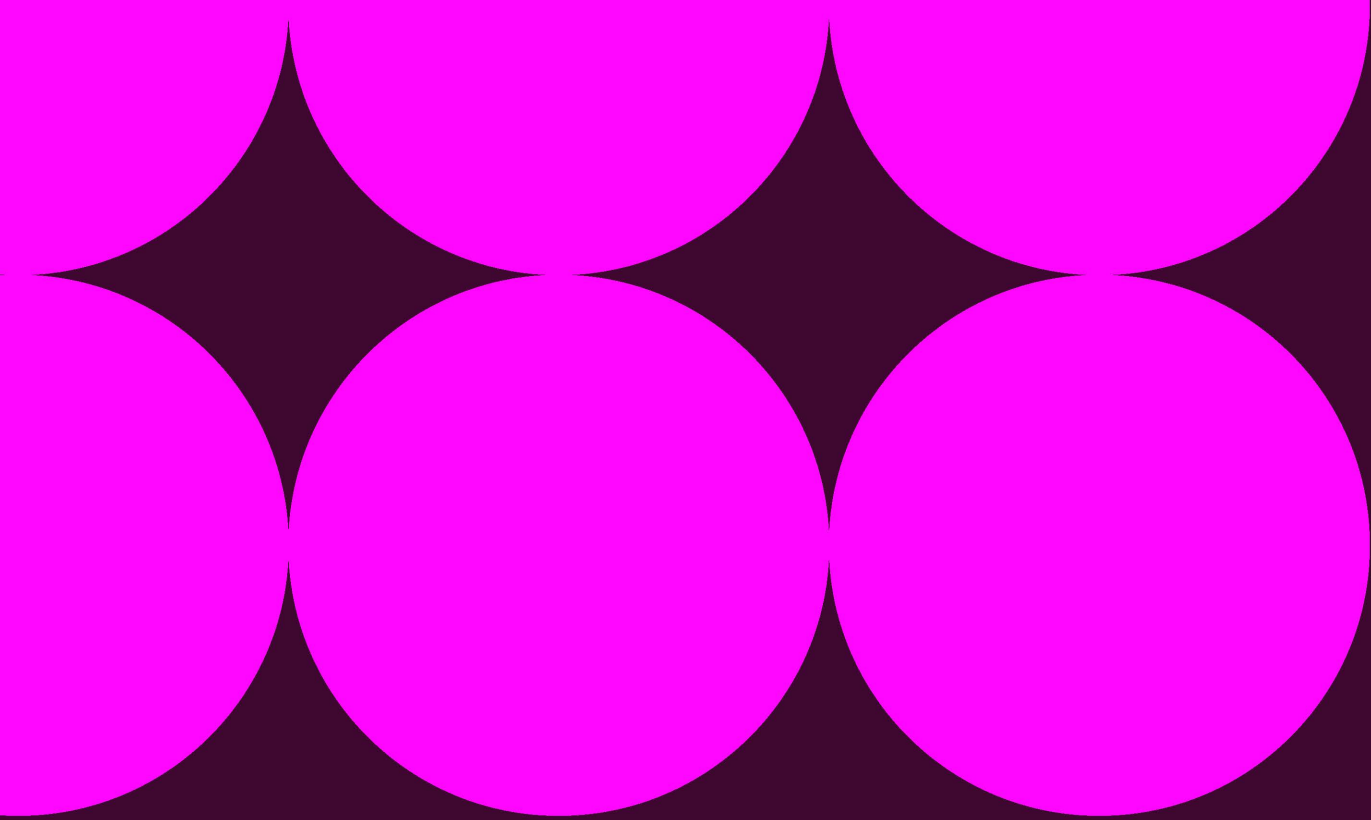


# Building a Digitally Connected Energy System

## 26/28 Performance Objective

NESO will enable a digitally connected energy system through open data, smart standards, AI and interoperable tools—accelerating innovation, broadening participation, and driving system-wide efficiency. This will accelerate digitalisation across the energy sector, champion open data and foster a digital ecosystem that unlocks value and drives collaboration.

How we measure success <i>Success Measures</i>	# of industry activities supported by the DSI	Reduced number of customer interfaces	# active users of NESO open data portal
	# of industry participants adopting DSI	Reduced number of manual data intake from industry participants	New datasets published / updated
	# of regulated networks onboarded onto DSI within RIIO-3	Customer trust index	
Objective Breakdown	Accelerating digitalisation across the energy sector by enabling data access, interoperability, and innovation	Fostering a digital ecosystem that supports system efficiency, consumer participation, and new business models	Championing open data and digital standards to unlock value and drive collaboration across the sector
What we will deliver <i>Major Deliverables</i>	Lead on establishing the need for Digitalisation Orchestrator. <b>Sep 28</b>	Coordinate digital interfaces to enable improved customer experience. <b>Mar 28</b>	We will review with industry the priority whole energy system data standards, ontologies and taxonomies. <b>Mar 28</b>
		Co-create with Industry the requirements and definition of major customer interfaces and data interactions. <b>Mar 28</b>	We will continue to improve the value of the Open Data Portal by increasing the availability of shareable energy data. <b>Mar 28</b>
	Define and operate the DSI as a service through the MVP trials. <b>Mar 28</b>		We will increase distributed energy resources (DER) visibility through improved registration, onboarding and forecasting. <b>Mar 28</b>
	Onboard all regulated networks onto DSI within RIIO3. <b>Mar 28</b>		



NESO

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