

# SSEN Transmission

Kinardochy Substation  
Meet the Buyer Event

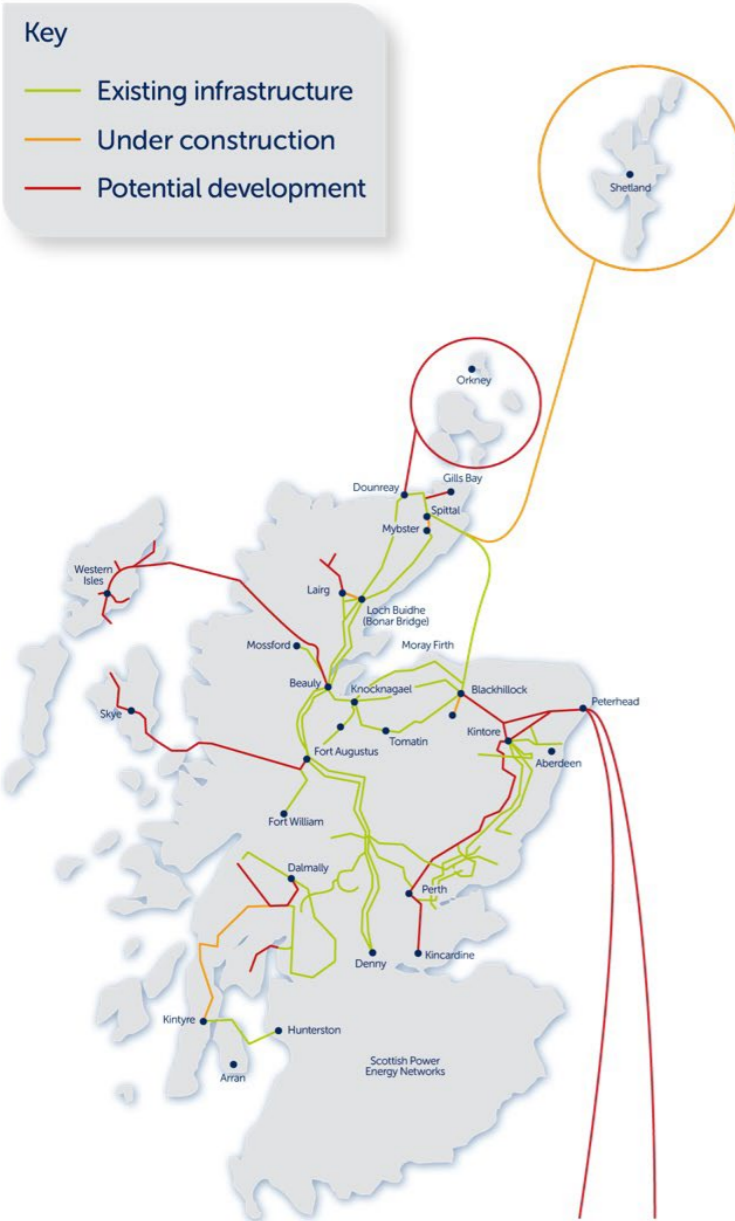
31 January 2022



**Scottish & Southern**  
Electricity Networks

TRANSMISSION

# Agenda



- Introductions
- SSE Plc – Our Purpose, Vision and Strategy
- Our Business/Project Mix
- RIOT2 Goals
- Project Update
  - Project Overview and current status
  - Future Opportunities
- SSEN Transmission (SSENT) Procurement Process
- Sustainability Ambitions
- Innovation Ambitions
- Useful Links
- Q&A / Any other business



# SSE plc - Our purpose, vision and strategy

## PURPOSE

To provide energy needed today while building **a better world of energy** for tomorrow.



## VISION

To be a leading energy company in a **net-zero** world.



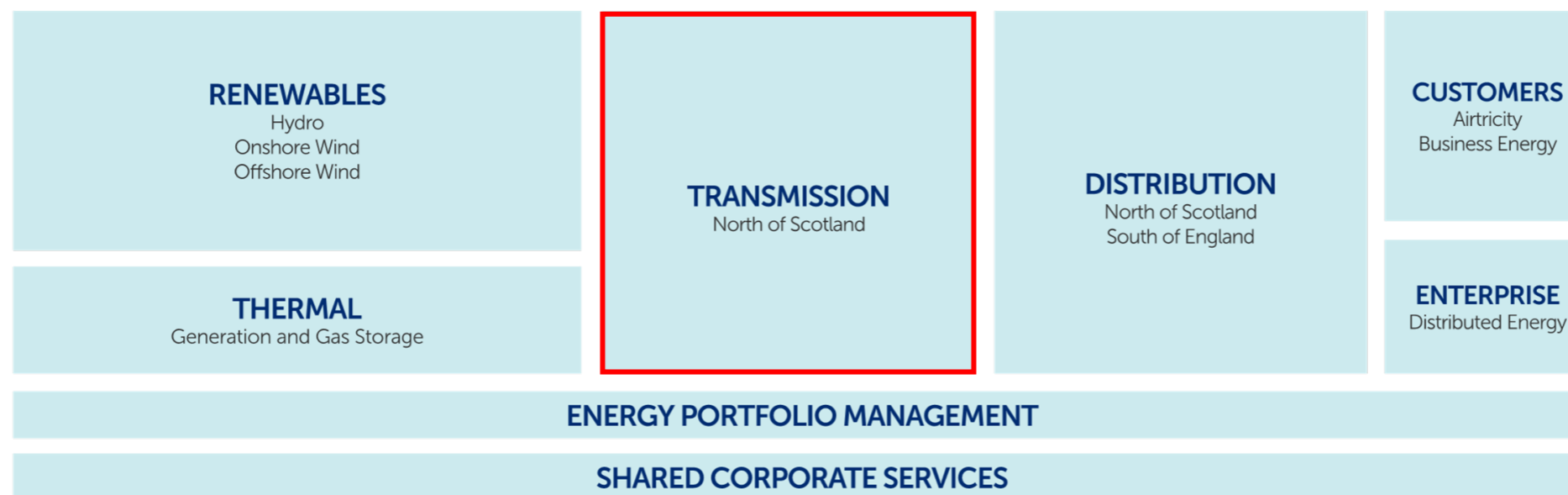
## STRATEGY

To create value for shareholders and society in a sustainable way through successful **development**, efficient **operation** and responsible **ownership** of energy infrastructure and business.



# Our business mix

## 6 Separate Business Units with Supporting Corporate Services



- We are SSE Networks Transmission (SSENT), part of the SSE Group, responsible for the electricity transmission network in the north of Scotland. As the Transmission Owner (TO) we maintain and invest in the high voltage 132kV, 275kV and 400kV electricity transmission network in the north of Scotland.
- Our network consists of underground and subsea cables, overhead lines on wooden poles and steel towers, and electricity substations, extending over a quarter of the UK's land mass crossing some of its most challenging terrain.



# Our project mix

What we do.





# RIIOT2 goals

Commitments made by SSEN Transmission



RIIO stands for '**Revenue = Incentives + Innovation + Outputs**'. It's framework used by the industry regulator to make sure individual network companies, like SSEN Transmission, provide a safe and reliable service, value for money, maximise performance, operate efficiently, innovate and ensure the resilience of their networks for current and future customers.



# Kinardochy substation

- To ensure the safe, efficient and co-ordinated operation of our network, it is proposed that a new reactive power substation is connected at the proposed Kinardochy substation site.
- The substation will connect into the existing Beauly to Denny 275kV overhead line circuit. The circuit shall be 'turned in' to a new 275kV reactive compensation substation, which shall be built to a 400kV standard. The substation shall comprise of both Gas Insulated Switchgear (GIS) and Air Insulated Switchgear (AIS).
- The construction of the new substation will be delivered by our recently appointed Principal Contractor 'SBAM' a joint venture between Siemens Energy and BAM Nuttall with preparation works underway on site and main construction due to start in March.
- The overhead line element of the overall project will be carried out by our Principal Contractor, Balfour Beatty and we expect our Section 37 consent from the Energy Consents Unit and Scottish Government to be granted in December 2021.
- Scope of works summary:
  - Establish interim and full construction compounds,
  - Form a new substation platform and permanent access road,
  - Mechanical and Electrical works to install the reactive compensation equipment,
  - Public road improvement works for the delivery of the main transformer (2023),
  - Install two new temporary towers and two permanent towers.



# Project update

- Project overview and current status:
  - Tree felling underway
  - Temporary access roads being formed
  - Temporary (SBAM) site compound established
  - Surveys on site and access routes
- Project next steps – 6 month lookahead:
  - Construct permanent access road to the substation
  - Commence formation of the substation platform
  - BB Site compound established
  - Erect the two new temporary towers





# Project update – site photos





# Kinardochy substation – Balfour Beatty

## SUPPLY CHAIN OPPORTUNITIES:

Principle Contractor is Balfour Beatty, main scope is:

- Access works/general maintenance – external subcontractor - JMS – Max 6 persons on site
- Tower foundation piling – Internal subcontractor – BBGE – Max 6 persons on site
- Tower foundation pile caps – Internal resource – BB – Max 8 persons on site
- Tower assembly and construction – Internal resource – BB - Max 8 persons on site
- Wiring – Internal resource – BB – Max 12 persons on site

Potential opportunities include the following:

- Accommodation
- Catering
- Cleaning
- Aggregate Services
- Road Gritting
- Building merchants
- Local venue with AV (hold max 20 people)

Contact:  
[Stewart.Findlay@balfourbeatty.com](mailto:Stewart.Findlay@balfourbeatty.com)



# Kinardochy substation – Siemens BAM

## EXISTING SUPPLY CHAIN OPPORTUNITIES:

Principle Contractor is Siemens BAM who currently have the following personnel on site:

- Siemens BAM – 15 Nos. Total persons on site
- RTS – 4 Nos. Total persons on-site
- RA Laird– 1 Nos. Total persons on-site including 1Nos. Local Employees

## FUTURE SUPPLY CHAIN OPPORTUNITIES:

Potential sub-contract works via contractor include the following:

- Accommodation
- Security
- Catering
- Cleaning
- Aggregate Services
- Local Labour Services
- Road Gritting
- Building and Wholesaler Merchants
- Fencing
- Concreters/labourer
- Plant operators
- Plant servicing

Contact:  
Joseph.McBride@bam.com  
Jonathan.Berriman@siemens-energy.com

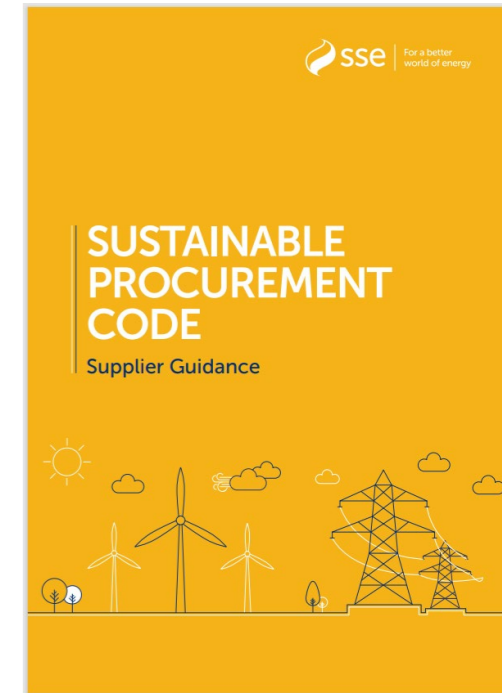
# Sustainable procurement code

## Sustainable procurement code and supplier guidance

- These two key documents have been created to outline SSE's core principles and define not only the minimum expectations on our supply chain, but also the role of our supply chain in delivering common sustainability goals, e.g. Journey to Net Zero. These documents will form a corner stone of our sustainable procurement model.
- The Sustainable Procurement Code outlines the expectations and requirements on SSE's suppliers and contractors, and their supply chains, when undertaking work on SSE's behalf.
- The Supplier Guidance document provides greater detail on how these requirements and expectations should be implemented by suppliers and contractors.
- Our ambition is to influence and drive improved sustainability performance from the supply chain and minimise the potentially negative impacts our operations can have.



### [Sustainable Procurement Code](#)



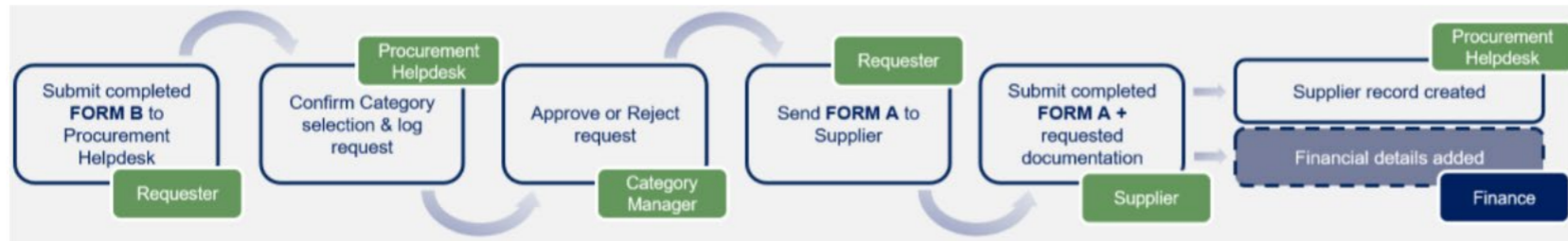
### [Sustainable Procurement Code: Supplier Guidance](#)



# How to register with SSEN Transmission

## New suppliers

- To be visible to SSEN T you must
  - Register on the FREE Supplier Registration System hosted by Achilles
  - For Regulated Work you must Register on Achilles UVDB ( there is a cost )
- When chosen for a contract or Purchase Order you will be processed onto our Procure to Pay system



- A requirement for this process is to be registered on SRS
- For Regulated work you must register on UVDB
- For below regulated threshold works you may be requested to progress to UVDB however the following platforms/certifications will also be acceptable after a risk assessment
  - Achilles Building Confidence, CHAS, Constructionline, OHSAS 18001 or Safecontractor

# Sustainability ambitions

## Commitments made by SSEN Transmission

- **Connecting for Society**
  - Transport the renewable electricity that powers 10 million homes
- **Tackling Climate Change**
  - Deliver a 1/3 reduction in our greenhouse gas emissions by 2025, consistent with our Science Based Target and the Net Zero pathway
  - Ensure that suppliers covering 2/3 of our supply chain expenditure set their own Science Based targets by 2025
- **Promoting Natural Environment**
  - Deliver Biodiversity No Net Loss outcomes on our projects leading to Net Gain in 2025
- **Optimising Resources**
  - Achieve Zero Waste to Landfill across our waste streams
  - Establish supply chain reporting on waste, resource use and embodied carbon
- **Supporting Communities**
  - Utilise local supply chains and meet the needs of vulnerable consumers
- **Growing Careers**
  - Expand our inclusion and diversity programme
  - Provide decent work through Living Wage and Living Hours commitments





# Innovation ambitions

## Commitments made by SSEN Transmission

- The SSEN Transmission Innovation Strategy centres around being a 'responsible innovator' and is underpinned by five values in Figure 1
- We aim to enable the transition towards a low carbon economy, whilst maintaining 100% reliability in electricity supply and ensuring energy remains affordable for all.
- We see innovation as a means of Identifying and proving new ways of working for the long-term benefit of our stakeholders and ourselves.



Figure 1

# Useful links

Detail	LINK
Government Find a Tender Link	<a href="http://www.gov.uk">Find high value contracts in the public sector - GOV.UK (www.gov.uk)</a>
SSE Supplier Registration System	<a href="https://www.vimeo.com">Completing the SSE SRS Registration with Achilles (vimeo.com)</a>
SSE Potential Suppliers Page	<a href="#">Potential Suppliers   SSE</a>
Sustainable Procurement Code	<a href="#">sustainable-procurement-code.pdf (sse.com)</a>
Sustainable Procurement Code- Supplier Guidance	<a href="#">sustainable-procurement-code_supplier-guidance.pdf (sse.com)</a>
Achilles UVDB	<a href="#">Achilles UVDB Supply Chain Community, Utilities Industry   Achilles</a>
General Enquiries (Procurement)	<a href="mailto:procurement@sse.com">procurement@sse.com</a>
SSEN Transmission and Communities & Landowner Enquiries	<a href="http://ssen-transmission.co.uk">SSEN Transmission (ssen-transmission.co.uk)</a>
Any other Stakeholder Engagement	<a href="mailto:Transmission.Stakeholder.Engagement@sse.com">Transmission.Stakeholder.Engagement@sse.com</a>
SSEN Transmission customer connection enquiries	<a href="mailto:transmission.connections@sse.com">transmission.connections@sse.com</a>
Contractor contacts	<a href="mailto:Stewart.Findlay@balfourbeatty.com">Stewart.Findlay@balfourbeatty.com</a> <a href="mailto:Joseph.McBride@bam.com">Joseph.McBride@bam.com</a> <a href="mailto:Jonathan.Berriman@siemens-energy.com">Jonathan.Berriman@siemens-energy.com</a>



# Questions



**Scottish & Southern**  
Electricity Networks

---

TRANSMISSION