Transmission Owner Reinforcement Instruction (TORI)

Quarterly Update Report

Scottish & Southern Electricity Networks

TRANSMISSION

April 2025 – June 2025

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SSEN Transmission's Quarterly Update Report provides an update on our Transmission Owner Reinforcement Instruction (TORI) projects. These projects are required to reinforce the Transmission network in the North of Scotland to facilitate the connection of renewable generation. These TORI's may be included in connection agreement contracts as Enabling Works or Wider Works.

For each existing TORI in our area, this report provides:

- An overview of the TORI project including completion date.
- A summary of works completed in the last three months.
- A summary of works due to be undertaken in the next three months.

Should you have any questions or feedback on the report, please get in touch with us at transmission.commercial@sse.com

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TORI	Scheme
SHET-RI-007a - Beauly to Blackhillock 400kV Double Circuit OHL	Beauly to Blackhillock 400kV Double Circuit OHL

Overview of Works

Establish a new double circuit 400kV OHL approximately 110km from Beauly to Blackhillock. In an update from initial scope, the new OHL is to connect to a new 400kV busbar at Beauly (Fanellan Substation). The connection to a new 400kV busbar at Blackhillock (Coachford Substation – TORI 199) has been removed from scope due to technical challenges with the initially proposed site. The project now connects directly to the Blackhillock – New Deer – Peterhead 400kV OHL (SHET-RI-137).

Proposed Consent Submission	August 2025
Current Project Phase	Design
Next Project Phase	Consenting
Next Stakeholder Event	24 & 26 June – Update event reflecting design changes due to removal of Coachford.
Project Completion Date	31/10/2030

Summary of works in last quarter:
Update of design following removal of Coachford substation connection.
Ongoing update of EIA and review of chapters.
Ongoing GI works.

Summary of works in next quarter:
Public events to communicate design changes resulting from removal of Coachford substation.
Complete, review and submit EIA.
Submit Section 37 Application.
Continue GI works.
Commence Part A Design.

Additional Comments:
Project is being developed in parallel to SHET-RI-137 Blackhillock – New Deer – Peterhead 400kV OHL with shared project team and combined Section 37 application.

New Beauly 400kV Busbar (Fannelan) to be connected to is captured in scope of SHET-RI-007b.

TORI SHET-RI-007b - Beauly 400kV Busbar	**Scheme** Beauly 400kV Busbar
Overview of Works Busbar extension at the existing Beauly Substation.	
Proposed Consent Submission	N/A
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	N/A
Project Completion Date	March 2030
Summary of works in last quarter: Project team confirmed and outline design works completed with project accelerated through initial gates due to scope and complexity permitting this.	
Summary of works in next quarter:	
Additional Comments: Project shall progress design development and progress this through SSE Gate 2 design reviews and approvals.	

TORI SHET-RI-009 - East Coast Onshore 275kV Upgrade	**Scheme** East Coast Onshore 275kV Upgrade
Overview of Works Establish new busbar Substation at Alyth, to be built at 400kV, but initially operated at 275kV, with reactive compensation support. Re-profile the existing Kintore-Tealing-Kincardine 275kV circuits and the existing Tealing-Westfield/Glenrothes 275kV circuits for higher temperature operation. Install 275kV Phase shifting transformers on each of the Kintore – Tealing circuits (XT1/XT2) at Tealing Substation.	
Proposed Consent Submission	Complete
Current Project Phase	Execution
Next Project Phase	Operation
Next Stakeholder Event	TBC
Project Completion Date	630/11/2025
Summary of works in last quarter: Continuation of PST2 assembly and erection works	
Summary of works in next quarter: Continuation of PST2 assembly works and commencement of electrical works in XT1 bay	
Additional Comments: N/A	

TORI SHET-RI-013 - North Argyll Substation	**Scheme** North Argyll Reinforcement (Substation and OHL)
Overview of Works Establish a new 275/132kV substation in North Argyll near the existing Inveraray/Taynuilt 132kV line route with two 480 MVA 275/132kV transformers with provision for additional future feeder bays. Establish a new 275kV double circuit OHL between Creag Dhubh (North Argyll) Substation and a tie-in point on existing Dalmally – Windyhill SPEN circuit, near Dalmally.	
Proposed Consent Submission	Creag Dhubh Substation consented. OHL S37 received on 21st August 2024.
Current Project Phase	Execution
Next Project Phase	Operation
Next Stakeholder Event	
Project Completion Date	25/02/2028
Summary of works in last quarter: Construction on substation progressing well with both 132kV and 275kV buildings erected and internal fitouts now progressing. Earthworks phase of the project is now complete. All Overhead Line S37 pre-commencement conditions have been discharged and OHL access track construction commenced in June 25.	
Summary of works in next quarter: Works on the substation will now focus on internal fitouts of the respective GIS buildings and preparation of the concrete bases for the various structures/towers. Peatland surrounding the substation will be hydroseeded to allow the reinstatement works to commence. Overhead line access track construction ongoing and commencement of foundation activities.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-019 - Dounreay to Orkney 220kV Subsea HVAC Cable Link 1	Dounreay to Orkney 220kV Subsea HVAC Cable Link 1
Overview of Works Establish a 220kV HVAC circuit over approximately 68km between the 275kV GIS substation at Dounreay on the mainland, and the new 220/132/33kV substation in the vicinity of Finstown on Orkney. The HVAC circuit comprises approximately 15km of land cable and 53km of subsea cable. Voltage Compensation devices will be installed at both cable ends within the compounds at the new Dounreay West and Finstown Substation.	
Proposed Consent Submission	Complete
Current Project Phase	Execution
Next Project Phase	Operations
Next Stakeholder Event	TBC
Project Completion Date	Q2 2028
Summary of works in last quarter: Finstown Substation: Completion of Accommodation Camp, bulk earthworks and blasting works completed. Rock processing ongoing with drainage works on platform and foundation concrete pours to GIS Basement and Sycon 2. Dounreay: Commence compound works, access track and platform excavation works. Cables: Trenching works, ducting and HDD to UGC, commence testing of ducting systems. Completion of cable design and commencement of manufacture of fibre optic subsea cable	
Summary of works in next quarter: Finstown Substation: Progress with the drainage works, platform formation and Foundation works to Syncon Buildings. Commence erection of steel sections to GIS Building Dounreay: Drainage works, platform formation works Cables: Trenching and backfolling operations – testing of sections. Submarine Cable Manufacture and testing	
Additional Comments: N/A	

TORI SHET-RI-025a - Peterhead-Rothienorman 400kV OHL upgrade	**Scheme** Peterhead-Rothienorman 400kV OHL upgrade
Overview of Works The 275kV OHL between Peterhead, New Deer and Rothienorman (Rothienorman Substation established as part of SHET-RI-105) are constructed for 400kV operation. Re-insulate approximately 47km of OHL to 400kV operation, and put into service between the new 400kV busbars at Peterhead (established by SHET-RI-025c) and the new 400kV substations at New Deer and Rothienorman (both transitioned to 400kV under SHET-RI-025d). Replacement of the existing earth wire with Optical Path Ground Wire is required between New Deer and Rothienorman.	
Proposed Consent Submission	Consent approved
Current Project Phase	Commissioning
Next Project Phase	Handover to operations
Next Stakeholder Event	N/A
Project Completion Date	31/10/24
Summary of works in last quarter: Close-out of outage plan, potentially completion of the snagging works should outages be available.	
Summary of works in next quarter: Works will continue reviewing and closing out as-built drawings and dependant on outage closing out snagging works	
Additional Comments: N/A	

TORI SHET-RI-025b - Eastern Subsea HVDC Link (EGL2)	Scheme Eastern Subsea HVDC Link
Overview of Works Install a 2GW HVDC link between Peterhead (SHE-Transmission) and Drax (NGET). This TORI describes the SSENT works. HVDC cables to be routed into the sea, then south towards North East England in NGET's licence area. Two 2GW HVDC converter stations with 525kV XLPE Cable (436km offshore and 70km onshore). Enabling works at Peterhead – 11kV Diversions/DNO, Compound erection for main works and 132kV OHL diversions.	
Proposed Consent Submission	All material consents approved pending discharge of conditions
Current Project Phase	Refinement
Next Project Phase	Construction
Next Stakeholder Event	TBC
Project Completion Date	31/12/2029

Summary of works in last quarter:

- Southern cable route works progressed.
- Progress Landfall HDD surveys on Sandford bay confirmed location.
- Continue platform earthworks and basement works at both PHD and WH.
- Appointment of steelworks contractor
- Mobilisation of piling contractors across both Peterhead and Wren Hall.
- Archaeological trial trenching continues in southern cable route.
- Removal of final section of 132kV OHL work (April/May 2025).

Summary of works in next quarter:

- Piling operations in Peterhead and Wren Hall
- Basement construction in Peterhead site
- Completion of Peterhead earthworks
- Demolition of Sandford Cottages
- Completion on Platform fill in Wren Hall
- Possible early HDD in both HVDC cable route and HVAC route north
- Completion of Archaeological trial trenching continues in southern cable route.
- Drainage works in Peterhead and Wren Hall
- Completion of 132kV OHL diversion enabling works.

Additional Comments:

Compulsory Purchase Order for southern cable route likely to receive approval in Q1 2025.
Outage for 132kV works has moved to Q2 2025 due to availability of window. Earlier outage was postponed due to site issue with cable – now rectified.

TORI SHET-RI-025c - Peterhead 400 kV Busbar	Scheme Peterhead 400 kV Busbar
Overview of Works Construct a new 400kV substation close to the existing 275kV substation at Peterhead. Install two new 1200MVA 400/275kV supergrid Transformers and approximately 500m of 275kV cable between the new 400kV busbar and the existing 275kV busbar. Two new OHL towers and installation of 132kV cable from new cable sealing end to existing 275kV substation. Modify the existing 275 kV substation and busbar arrangements to accommodate the above works. The existing 275/132kV supergrid transformer SGT1, which is currently connected to line circuit reference VX1, will be banked with the new 1200MVA 400/275kV under a separate project.	
Proposed Consent Submission	Complete
Current Project Phase	Project closure / handover
Next Project Phase	Gate 5 to Operations Q3 2025
Next Stakeholder Event	
Project Completion Date	06/12/2023
Summary of works in last quarter: Ongoing close-out of all snags and defects prior to Gate 5.	
Summary of works in next quarter: Following completion and close out of all remaining defects, progress through Gate 5 and handover to SSEN Ops.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-025d - North East Reinforcement	North East Reinforcement

Overview of Works

Re-insulate the 275kV double circuit OHL between Rothienorman – Blackhillock and Rothienorman - Kintore for 400kV operation.

Remove the two line connected 400/275kV, 1200MVA super grid transformers (SGTs) from Blackhillock Substation. Install two new 400/275kV, 1200MVA at Kintore for terminating the Rothienorman to Kintore double circuit OHL onto the 275kV busbar at Kintore.

Install two 400/33kV Super Grid Transformers to connect the Rothienorman Grid Supply Point to the 400kV Rothienorman busbar. Upgrade the Surge Arresters and Capacitive Voltage Transformers on six existing OHL feeder bays from 275kV to 400kV.

Upgrade the Surge Arresters and Capacitive Voltage Transformers on four existing OHL feeder bays and three cable circuit bays from 275kV to 400kV at New Deer Substation and bring the whole substation to 400kV operating voltage.

Proposed Consent Submission	Complete
Current Project Phase	Commissioning
Next Project Phase	Handover to Operations
Next Stakeholder Event	N/A
Project Completion Date	31/10/2024

Summary of works in last quarter:

Blackhillock – Close out of outage plan, potentially completion of the snagging works should outages be available.

Kintore – In the quarter the project has focused on the submission of the as-built documentation in line with the O&M manuals and as part of the upcoming Gate 5.

Summary of works in next quarter:

Blackhillock - Works will continue reviewing and closing out as-built drawings and dependant on outage closing out snagging works

Kintore – Continue to work on the closure of snags and defects in readiness for the Gate 5 handover to Ops in December 2025.

Additional Comments:

N/A

TORI SHET-RI-026 - Blackhillock 275kV QBs	Scheme Blackhillock 275kV QBs (PSTs)
Overview of Works At Blackhillock, install two 865MVA (continuous rating) 275kV quadrature boosters with bypass on the existing 275kV circuits (AH1/HO2) to Knocknagael, rearranging the circuit terminations as appropriate.	
Proposed Consent Submission	N/A
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	N/A
Project Completion Date	08/05/2028
Summary of works in last quarter: Project issued Works Information for Phase Shifting Transformers (PST's), and begun preparing for governance milestones ahead of Stage Gate 2.	
Summary of works in next quarter: Project will complete governance requirements and progress through stage Gate 2. Project team will begin preparing Works Information for Substation Principal Contractor.	
Additional Comments: N/A	

TORI SHET-RI-028 – Thurso South to Gills Bay 132kV OHL	**Scheme** Thurso South to Gills Bay 132kV OHL
Overview of Works It is proposed to construct a new 132kV GIS double busbar arrangement switching station at Phillipstoun Mains, near Gills Bay (west of John O'Groats) and connect in two radial circuits from Thurso south. Construct a new suitably rated hybrid OHL and underground cable double circuit, operated at 132kV, from Gills Bay to Thurso South.	
Proposed Consent Submission	Switching Station consented. OHL – November 2025
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	Q3 2025
Project Completion Date	12/12/2029
Summary of works in last quarter: Continue bird surveys to support the EIA required for the resubmission of the S37. Submit scoping for the resubmission of the OHL S37.	
Summary of works in next quarter: Commence works on the EIA to support the resubmission of the S37 for the OHL. Undertake a consultation event prior to the resubmission.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-033 - Second 2GW East Coast HVDC Link from Peterhead to England	Second 2GW East Coast HVDC Link from Peterhead to England
Overview of Works Install 525kV 2GW HVDC link between the Netherton Hub in Aberdeenshire (SHE-Transmission) to England (southern landing point and AC connection tie-in to be confirmed). Work includes a 2GW converter at either end of the link, with HVDC cables to be routed underground between converter site and landfall, and sub-marine cables between landfall locations. The project will be developed and delivered jointly with National Grid Electricity Transmission (NGET). This TORI describes the SSENT works.	
Proposed Consent Submission	Northern Converter Site – Netherton Hub PPiP submitted October 2024; Scottish Waters Marine consents – Q3 2025
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	PPiP determination – ongoing engagement with all stakeholders
Project Completion Date	31/10/2031
Summary of works in last quarter: Receive BAFO and conclude remaining analysis prior to formally announcing preferred bidders. Commence land negotiations for northern cable corridor.	
Summary of works in next quarter:	
Additional Comments: A Material Scope Change (MSC) has been submitted to Ofgem to modify the scope, programme and cost estimate of the project. Determination for which is expected in Q2 2025.	

TORI SHET-RI-034 Inveranan 132kV QBs	**Scheme** Inveranan 132kV QBs
Overview of Works Supply and installation of power flow control devices to provide required power flow stability within local area network. Scope extended to include a bypass option.	
Proposed Consent Submission	November 2026
Current Project Phase	Development Gate 0
Next Project Phase	Development Gate 1
Next Stakeholder Event	TBC
Project Completion Date	31 October 2030
Summary of works in last quarter: Significant movement has been made with regards to selecting the bypass required to suit with a confirmatory site visit 05 Jun 25. The 3 options have been kept inside the wire of the Sub so as not to impact on the National Park and surrounding area. Cruachen was one of the drivers for this project however not the sole driver so moving forward as contracted.	
Summary of works in next quarter: Once options confirmed to move forward and submit to planning and operations.	
Additional Comments: Maintain a close working relationship with Scottish Power as it is a shared location.	

TORI SHET-RI-043 - Lewis Infrastructure	Scheme Lewis Infrastructure
Overview of Works Requirement to construct a switching station at Balallan to accommodate the newly proposed Muaitheabhal and Hestabhal Wind Farm connections. The switching station will comprise seven bays; three of which allow for the existing Harris-Stornoway 132kV circuit to be connected (double circuit north to HVDC site) and two for the wind farm connections. There is an allowance of two spare bays for future development.	
Proposed Consent Submission	Q4 2025
Current Project Phase	Passed Gate 1 in October 2023
Next Project Phase	Gate 2 February 2026
Next Stakeholder Event	PAC 1 28 Aug 2025
Project Completion Date	30/12/2030
Summary of works in last quarter: Phase 1 design development complete to provide the relevant information for Town and Country Planning application. Environmental Impact Assessments & Transport Assessments commenced. Ongoing landowner & occupier negotiations to seek voluntary agreements. Preparation of works information for Part A contracts.	
Summary of works in next quarter: Complete ground investigation works to aid works information. Carry out the first of two Town and Country Planning Pre-Application Consultation events. Issue draft Scope of Works for tender. Continue with the Environmental Impact Assessment and landowner negotiations.	
Additional Comments: Engagement with landowners, occupiers and local community will continue as site design progresses.	

TORI SHET-RI-046 - Taynuilt-North Argyll Rebuild	**Scheme** Taynuilt-Creag Dhubh Reinforcement
Overview of Works Reinforce the transmission network between Taynuilt and North Argyll Substation (established as part of SHET-RI-013). Rebuild approximately 12.5km of existing 132kV double circuit steel tower line between North Argyll and Taynuilt with a larger capacity 132kV. Scope changed to include the 4.1km line rebuild to Nant Substation and down ends. This was previously down as a refurbishment.	
Proposed Consent Submission	Apr 27 S37
Current Project Phase	Gate 0
Next Project Phase	Gate 1 – Mar 26
Next Stakeholder Event	TBC
Project Completion Date	31/10/2030
Summary of works in last quarter: Stage 1 Route alignment surveys have been completed by the contractor and also the engineering surveys to match. There is some scope of works with the Taynuilt substation extension and also small amounts of work at Nant Substation. There is a possible option to run the line to Fernoch, which gives the option on a twin circuit from Nant and 1 point of connection to the mainline rebuild instead of 2. This will also possibly provide us with Fibre connections to Taynuilt Nant and Fernoch.	
Summary of works in next quarter: To finalise the route selection and complete the Env studies work and optioneering on Nant leg.	
Additional Comments: Early engagement with suppliers.	

TORI SHET-RI-052 - Lairg-Loch Buidhe 132kV Reinforcement	**Scheme** Lairg-Loch Buidhe 132kV Reinforcement
Overview of Works Establish a new 132kV double busbar at Lairg (Dalchork Substation) and construct approximately 17km of new double circuit 132kV overhead tower line between Lairg and Loch Buidhe.	
Proposed Consent Submission	n/a
Current Project Phase	Operate and Evaluate
Next Project Phase	Handover (Gate 5) July 2025
Next Stakeholder Event	n/a
Project Completion Date	23/06/2022
Summary of works in last quarter: Ongoing work by our Contract partners to complete the as-built drawings and operation and maintenance manuals.	
Summary of works in next quarter: Complete all as-built drawings and operational and maintenance manuals	
Additional Comments: N/A	

TORI SHET-RI-053 - Shetland 600 MW HVDC Link and Kergord 132kV Substation	Scheme Shetland 600 MW HVDC Link and Kergord 132kV Substation
Overview of Works Construct a 600MW HVDC link from Shetland to the Scottish mainland at an HVDC switching station in the vicinity of Noss Head in Caithness. The HVDC switching station works will integrate with the Caithness-Moray Transmission Reinforcement (part of SHET-RI-031) The HVDC link includes a 600MW HVDC converter station and 132kV substation at Kergord in Shetland. The new 132kV substation at Kergord will be the collection point for generation in Shetland. The 600MW HVDC link will have approximately 10km of land cable and 260km of subsea cable between Shetland and the HVDC switching station in Caithness.	
Proposed Consent Submission	July 2020 – Ofgem needs case approval
Current Project Phase	Gate 4 – Kergord Construction Phase Gate 4 – Cables Gate 5 – Noss Head (Energisation 2 June 2023)
Next Project Phase	Gate 5 – Combined Gate 5 for Noss Head and Kergord in Q3 2025.
Next Stakeholder Event	Stakeholder events no longer required due to stage of project. Final newsletter to be published at a suitable time.
Project Completion Date	05/08/2024 (energisation of the link)
Summary of works in last quarter: Successful seven-day outage in April 2025 which captured the majority of the remaining scoped works and Defects.	
Summary of works in next quarter: Finalise Gate 5 handover to Operations by completing minor snagging works; as-built drawings; operations and maintenance manuals. Seven-day outage in July 2025 to complete remaining scoped works.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-058 - Beauly-Loch Buidhe 400kV OHL Reinforcement	Beauly-Loch Buidhe 400kV OHL Reinforcement
Overview of Works This project is to build a new 400kV double circuit line between Beauly 2 400kV substation and Loch Buidhe 400 kV substation.	
Proposed Consent Submission	Summer 2025
Current Project Phase	Delivery/Refinement (2-3)
Next Project Phase	Execution (3-4)
Next Stakeholder Event	TBC
Project Completion Date	August 2030
Summary of works in last quarter: Ground investigation works ongoing. EIA preparation in advance of S37 submission. Ongoing land discussions with impacted landowners.	
Summary of works in next quarter: Ground investigation works ongoing. Detailed design. Ongoing land discussion with impacted landowners.	
Additional Comments: Project is to connect to proposed Loch Buidhe (Carnaig) 400kV Substation (TORI-200) and Beauly 2 (Fanellan) 400kV Substation (TORI-194), to be developed in separate projects, with SHET-RI-058 engaging closely to provide optimised solution.	

TORI SHET-RI-058a - Beauly - Loch Buidhe 275kV Reinforcement	**Scheme** Beauly - Loch Buidhe 275kV Reinforcement
Overview of Works Reprofile the existing 275kV double circuit OHL between Beauly and Loch Buidhe (approximately 67km). The double circuit is to be reprofiled to allow high temperature operation of 90 degrees Celsius to increase the continuous current rating of the circuit.	
Proposed Consent Submission	TBC (under review)
Current Project Phase	TBC (under review)
Next Project Phase	TBC (under review)
Next Stakeholder Event	N/A
Project Completion Date	TBC
Summary of works in last quarter: The project is currently under review.	
Summary of works in next quarter: The project is currently under review.	
Additional Comments: N/A	

TORI SHET-RI-059 - Third 2GW East Coast HVDC Link from Peterhead to England	**Scheme** Third 2GW East Coast HVDC Link from Peterhead to England
Overview of Works Install an indoor 2GW HVDC converter station with associated equipment. HVDC cables to be routed into the sea and then south towards England (landing point to be confirmed). This will be a joint project with NGET.	
Proposed Consent Submission	On hold
Current Project Phase	On hold
Next Project Phase	On hold
Next Stakeholder Event	On hold
Project Completion Date	31/10/2033
Summary of works in last quarter: Project is currently on hold.	
Summary of works in next quarter: Project is currently on hold.	
Additional Comments: On Hold	

TORI SHET-RI-061 - Skye OHL Reinforcement	Scheme Skye OHL Reinforcement
Overview of Works Construction of a new 132kV circuit from Fort Augustus to Ardmore. The circuit is proposed as double circuit structure from Fort Augustus to Broadford, Single Circuit Structure from Broadford to Edinbane and single circuit structure from Edinbane to Ardmore (approximately 160km Fort Augustus 132kV Substation to Ardmore 132kV Substation).	
Proposed Consent Submission	Submitted September 2022
Current Project Phase	Refinement
Next Project Phase	Execution
Next Stakeholder Event	TBC
Project Completion Date	31/01/2030
Summary of works in last quarter: Detailed design work has continued on the overhead line, underground cable and substation packages. This has included ground investigation activities to further inform the design and reduce construction risk. Works have also continued on upgrading the public road network to enable an efficient construction start when Section 37 consent is granted. Enabling works have commenced at Edinbane Substation, with Public Road Improvements completed	
Summary of works in next quarter: The project expects to receive Section 37 consent from the Energy Consents Unit in the next quarter. The focus for the project will be to discharge the associated consent conditions, thereby enabling full construction start for the project. Works will continue on the public road network to upgrade the roads as agreed with the local roads authority. The project will also commence full construction on the substations in the next quarter.	
Additional Comments: N/A	

TORI SHET-RI-065a - Beauly 132kV Substation Redevelopment	Scheme Beauly 132kV Substation Redevelopment
Overview of Works Establish a new 132kV double busbar arrangement at Beauly Substation and transfer of the circuits from the existing 132kV busbar to the new busbar. Connect the new 132kV double busbar to the existing 275kV busbar via two new 360MVA 275/132kV transformers. Provision of a third new 360MVA 275/132kV transformer will be undertaken under SHET-RI 065b.	
Proposed Consent Submission	N/A
Current Project Phase	Execution
Next Project Phase	Operation
Next Stakeholder Event	Community Liaison Group meetings are on hold as per request from the local community leaders. Re-engagement will be sought via the project Community Liaison Manager.
Project Completion Date	31 October 2025
Summary of works in last quarter: The final rectification works will be ongoing on the new GIS and the remaining commissioning activities will be ongoing in the lead-up to first energisation. The installation of telecoms equipment and other building infrastructure will be complete, with the majority also being Stage 1 commissioned. The transformer unit outage will be ongoing, with the majority of construction and installation works complete leading up to energisation.	
Summary of works in next quarter: Rectification works will be finalised on the new GIS and the final HV testing will be complete, this will allow the remaining commissioning activities to be completed in the lead up to first energisation. The local SCADA testing will be completed, and communication will be established with the SSEN control room. The two Supergrid Transformers will arrive at site and the installation will be completed. The HV cabling works will commence in the field adjacent to Beauly Substation along with the initial works for the new Cable Sealing End compound.	
Additional Comments: N/A	

TORI SHET-RI-065b - Beauly 3rd SGT Replacement	Scheme Beauly 3rd SGT Replacement
Overview of Works Replacement of third existing 275/132kV 120MVA SGT with a new 360MVA 275/132kV transformer. SHET-RI 065a covers establishment of a new 132kV double busbar arrangement at Beauly substation and transfer of the circuits from the existing 132kV busbar to the new busbar.	
Proposed Consent Submission	N/A
Current Project Phase	Execution
Next Project Phase	Commissioning
Next Stakeholder Event	Community Liaison Group meetings are on hold as per request from the local community leaders. Re-engagement will be sought via the project Community Liaison Manager.
Project Completion Date	31 March 2026
Summary of works in last quarter: No works will take place for this TORI deliverable in the next quarter.	
Summary of works in next quarter: No works will take place for this TORI deliverable in the next quarter.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-068 - Fort Augustus – Invergarry – 400 and 132kV Development	Fort Augustus – Invergarry – 400 and 132kV Development

Overview of Works

Upgrade the existing 132kV double circuit OHL between Fort Augustus and proposed Loch Lundie Substation, near Invergarry with a new 400kV OHL.

Establish a new 400/132kV substation near Invergarry to connect the existing local 132kV OHL infrastructure.

The new 400kV OHL will terminate into the 400kV busbar at Fort Augustus. The 400kV busbar is part of SHET-RI-064 works.

Proposed Consent Submission	30//25
Current Project Phase	Design/Consenting
Next Project Phase	Consenting
Next Stakeholder Event	Q2 2025
Project Completion Date	31 October 2029

Summary of works in last quarter:

Continued engagement with landowners.
Development of new S37 to capture all changes necessary to mitigate objections to original application.
Continuation of EIA to support TCP application for Loch Lundie substation

Summary of works in next quarter:

Continued engagement with landowners.
Submission of Loch Lundie132/400kV Substation TCP application
Development of new S37 to capture all changes necessary to mitigate objections to original application, finalise proposals and commence PAC engagement process. Commence PAN process in support of Coire Glas 400kV Switching Station TCP application

Additional Comments:

N/A

TORI SHET-RI-069 - Kinardochy Reactive Compensation	**Scheme** Kinardochy Reactive Compensation
Overview of Works Reactive Compensation is required at a new Kinardochy Substation for voltage support on the 275kV Beauly-Denny OHL. The Reactive Compensation will require a capability of + 325MVAr and -225MVAr.	
Proposed Consent Submission	Complete
Current Project Phase	Execution
Next Project Phase	Operate
Next Stakeholder Event	TBC
Project Completion Date	11/10/2024
Summary of works in last quarter: The complete set of project final records will be furnished to facilitate project closure. The submission and review process for the project's final records is currently underway.	
Summary of works in next quarter: The compilation of final project records will be finalised, leading to the pursuit of Gate 5.	
Additional Comments: N/A	

TORI SHET-RI-075 - Orkney 132kV Infrastructure Finstown - Ellibster	**Scheme** Orkney 132kV Infrastructure Finstown - Ellibster
Overview of Works SHET-RI-075 works forms part of the Orkney 132kV Local Onshore Transmission Infrastructure. The works includes the establishment of the 132kV switching station at Ellibister and a 132kV OHL Trident wood pole connection from Ellibister to Finstown Substation. Note that Finstown 132kV Substation is established as part of SHET-RI-019 works.	
Proposed Consent Submission	TBC
Current Project Phase	Internal Governance
Next Project Phase	Optioneering
Next Stakeholder Event	
Project Completion Date	TBC
Summary of works in last quarter: Project under review.	
Summary of works in next quarter: Project under review.	
Additional Comments: N/A	

TORI SHET-RI-079a - Blackhillock Additional 275/132kV Super Grid Transformer	Scheme Blackhillock Additional 275/132kV Super Grid Transformer
Overview of Works Reinforce the transmission network at Blackhillock Substation by installing an additional new 275/132kV Supergrid Transformer and connecting the existing 132kV GIS shared use busbar to the 275kV AIS busbar and all associated protection, control and ancillary equipment. The transformer is to be rated at 360MVA.	
Proposed Consent Submission	Submitted 10th March 2023
Current Project Phase	Refinement
Next Project Phase	Execution
Next Stakeholder Event	N/A
Project Completion Date	30/11/2028
Summary of works in last quarter: Programme updates ongoing. Purchase Order is now complete to fix delivery date of Super Grid Transformer and commence design. Engagement with Principal Contractor for Delivery and Commissioning of Blackhillock additional Super Grid Transformer and all associated scope of works has commenced.	
Summary of works in next quarter: Confirm Programme and finalise contract agreements with Principal Contractor.	
Additional Comments: Project split from SHET-RI-079b. SHET-RI-079 originally consisted of two SGTs and has now been split into delivery of one initially, SHET-RI-079a, and another for SHET-RI-079b.	

TORI	Scheme
SHET-RI-079b - Blackhillock Additional 275/132kV Super Grid Transformer	Blackhillock Additional 275/132kV Super Grid Transformer
Overview of Works Reinforce the transmission network at Blackhillock Substation by installing additional new 275/132kV Supergrid Transformer, and connect the existing 132kV GIS busbar to the 275kV AIS busbar and all associated protection, control and ancillary equipment. The transformer is to be rated at 360MVA.	
Project Completion Date	31/10/2026
Proposed Consent Submission	N/A
Current Project Phase	Optioneering
Next Project Phase	Development
Next Stakeholder Event	N/A
Summary of works in last quarter: Technical Memo to undergo internal reviews and conclude next steps for project.	
Summary of works in next quarter: Project under review.	
Additional Comments: Project split from SHET-RI-079a. SHET-RI-079 originally consisted of two SGTs, and has now been split into delivery of one initially (SHET-RI-079a), and another later if it is triggered (SHET-RI-079b).	

TORI	Scheme
SHET-RI-086 - Craig Murrail Switching Station	Craig Murrail 132kV Substation (Radial)

Overview of Works

Construction of new 275/33kV GIS (non-SF6) indoor substation.
9 bay 275kV double busbar setup with two 120MVA 275/33kV transformers.
Temporary 275kV OHL diversion for construction phase.
A new 33kV switchgear room to replace the existing Port Ann GSP.
33kV underground cables from new 33kV switchgear to Port Ann GSP.
Decommission and dismantle the existing OHL between the 275kV Tee-off to Port Ann GSP.

Proposed Consent Submission	Granted
Current Project Phase	Execution
Next Project Phase	Operation
Next Stakeholder Event	TBC 2025
Project Completion Date	31/10/2028

Summary of works in last quarter:

Contractor is fully set up with their temporary site welfare. Work is progressing with Peat restoration with area A complete. Work has now commenced on peat restoration Area I removing peat from substation platform area. Borrow pits are now accessed at Firetower with the first blasting completed with process of rock on-going. Workers' Housing Accommodation civil works are progressing, with anticipated completion end of June 2025.
Central HUB offices now on site at Kilmory industrial estate, which will be for all three projects: Craig Murrail – Crarae and An-Suidhe new substations.

Summary of works in next quarter:

Contractor is fully set up with their temporary site welfare. Work is progressing with Peat restoration with area A now completed. Work has now commenced on peat restoration Area I, removing peat from substation platform area. Borrow pits are now accessed at Firetower with the first blasting completed with process of rock on-going. Workers' Housing Accommodation civil works are progressing, with anticipated completion end of June 2025.
Central HUB offices now on site at Kilmory industrial estate, which will be for all three projects: Craig Murrail – Crarae and An-Suidhe new substations.

Additional Comments:

N/A

TORI SHET-RI-088 - Loch Buidhe - Dounreay 275kV Reinforcement	**Scheme** Loch Buidhe - Dounreay 275kV Reinforcement
Overview of Works Increase the operating temperature of the existing 275kV double circuit OHL between Loch Buidhe and Dounreay (approximately 87km). The double circuit is proposed to be operated at 90°C, which will increase the thermal capability of the circuit.	
Proposed Consent Submission	TBC (under review)
Current Project Phase	TBC (under review)
Next Project Phase	TBC (under review)
Next Stakeholder Event	N/A
Project Completion Date	TBC
Summary of works in last quarter: Project under review.	
Summary of works in next quarter: Project under review.	
Additional Comments: none	

TORI SHET-RI-089 - Farigaig SGT2 Upgrade	Scheme Farigaig SGT2 Upgrade
Overview of Works Upgrade the 120MVA 275/132kV SGT2 at Farigaig Substation to a 240MVA 275/132kV SGT and associated HV equipment, to facilitate the connection of generation in the area. SGT2 will be constructed offline to minimise outage periods on Dunmaglass Wind Farm. Outages will be carried out during low-wind periods.	
Proposed Consent Submission	No consent required for TORI 089
Current Project Phase	Refinement
Next Project Phase	Execution
Next Stakeholder Event	N/A
Project Completion Date	30/08/2026
Summary of works in last quarter: Design & Statement of Work is complete and is now with the contractor. We have had supply chain issues on this project resulting in the connection date not being achievable. We have restructured the programme to reflect more realistic dates. We seem to be making good progress with the Highland Council's road authority regarding vehicle movements, and we are aiming to agree a price in the coming weeks.	
Summary of works in next quarter: We are looking to award a contract in June for further design of the substation. We are also hoping to start placing orders for long-lead items in July. All going well, we are hoping to go through Gate 3 in September.	
Additional Comments: N/A	

TORI SHET-RI-090 - Coupar Angus - Errochty 132kV Reconductoring	**Scheme** Coupar Angus - Errochty 132kV Reconductoring
Overview of Works Reconductor approximately 15.4km of the existing 132kV double circuit OHL between Errochty and Clunie Substations. This double circuit is to be reconductored with UPAS conductor (1 x 300mm2) and will operate at 75˚C to give a minimum summer pre-fault rating of 176MVA.	
Proposed Consent Submission	TBD
Current Project Phase	Optioneering
Next Project Phase	Development
Next Stakeholder Event	N/A
Project Completion Date	01/08/2029
Summary of works in last quarter: Project on hold.	
Summary of works in next quarter: Project on hold.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-093 - East Coast Phase 2 - 400kV Reinforcement	East Coast Phase 2 - 400kV Reinforcement

Overview of Works

Upgrade the existing Blackhillock/Rothienorman/Kintore/Fetteresso /Alyth/Kincardine east coast 275kV circuits to 400kV operation. Establish a new 10 bay 400kV double busbar at Kintore to enable this upgrade.

This upgrade also interfaces at Blackhillock 400kV Substation and with ScottishPower Transmission (SPT) at Kincardine Substation. SPT will be responsible for all the 400kV OHL upgrade and substation works beyond the SSEN Transmission/SPT Boundary (Boundary 4).

Proposed Consent Submission	
Current Project Phase	
Next Project Phase	
Next Stakeholder Event	
Project Completion Date	31/10/2027

Summary of works in last quarter:

Alyth:

Progress with the Part A design works to allow for the upgrade of the 275Kva substation to 400Kva. Meetings held with the contractor to develop programme for early delivery of Part B. Early procurement of surge arrestors for upgrade works. Engagement with transportation contractor for moving gas turbines from Blackhillock SS to Alyth.

Fetteresso Works:

SGT Bund has been constructed and tested. Construction works are ongoing and have progressed as planned, mainly civils works have been completed to date and main plant switchgear has been installed. First outage related works have been completed successfully, installing the OHL Bypass. Digital panels will continue to be manufactured with factory visits arranged.

Kintore:

Roof replacement works now complete and deep clean of the hall is underway. The installation of the 400kV GIS bays will commence in early-mid July 2025. Works will also recommence to the external GIB with HV testing planned for August 2025.

OHL:

Resumed construction works in January 2025, with access and enabling works, ahead of the start of 2025 outages in February, and subsequent reconductoring between Alyth, Fetteresso and Kincardine Substations. Project team have resumed discussions with Scottish Power Transmission to ensure the safe and successful completion of works at the SSEN/SPEN boundary.

Construction access installation, tower foundation & steel upgrade, and OHL reconductoring between Alyth, Fetteresso and Kincardine Substations continues in line with the 2025 outage plan. Unforeseen protected birds identified with the programme adjusted to avoid disturbance. 2025 works on ScottishPower Transmission's assets now complete, no further interface until 2026.

Summary of works in next quarter:

Kintore:

Following the clean conditions being reinstated within the GIS hall, works will recommence on the external GIB. Split deliveries of the GIS is expected to begin early July and installation is due to commence imminently after.

Alyth:

Removal and alterations to the noise encloser from SGT1. Prepare SGT1 for transportation in Q3. Continue with Part A resequencing to allow early procurement of relay panels.

OHL:

Project to continue reconductoring between Alyth, Fetteresso and Kincardine Substations in line with the 2025 outage plan. The programme has been adjusted to avoid disturbance to protected species through bird nesting season, generally March – September.

Fetteresso:

Construction works will continue within the substation. Planned upcoming outages are due to commence, enabling the remainder of the construction activities such as civil works, main plant installation, decommissioning and demolition works.
Digital substation panels will be delivered to site during the next quarter and the testing of the panels will commence.

Additional Comments:

N/A

TORI SHET-RI-098 - Dunoon GL1-GL2 OHL Rebuild	**Scheme** Dunoon GL1-GL2 OHL Rebuild
Overview of Works Rebuild approximately 18km of double circuit OHL between Dunoon Substation and the SHET – SPT boundary.	
Proposed Consent Submission	March 2023
Current Project Phase	Refinement
Next Project Phase	Execution
Next Stakeholder Event	TBC
Project Completion Date	2029
Summary of works in last quarter: Issued an order to the contractor for advanced works on early procurement and finalisation of the Loch Long conductor replacement.	
Summary of works in next quarter: Awaiting Section 37 to progress to construction & Gate 3	
Additional Comments: N/A	

TORI SHET-RI-106b - Connagill 2nd SGT	Scheme Connagill 2nd SGT
Overview of Works At Connagill Substation, install a second 275/132kV 480MVA Supergrid Transformer, to enable the connection of wind generation in the local area to the Dounreay – Loch Buidhe 275kV circuit.	
Proposed Consent Submission	N/A
Current Project Phase	Execution
Next Project Phase	Commissioning
Next Stakeholder Event	N/A
Project Completion Date	21/09/2026
Summary of works in last quarter: Design works to commence have commenced with orders for long lead time items having been placed. Electrical Design Completed for SGT and approved by SSEN engineering team. Outage proposal created which will ensure continuation of service during the substation re-organisation for the Dounreay – Loch Buidhe 275kv circuit. Approval of planning permission for temporary welfare compound to enable site set up works to commence.	
Summary of works in next quarter: Completion of and approval of the mechanical design for the SGT SGT Manufacturing to Commence Agreement of outage strategy Design Works on Going Site Works to commence	
Additional Comments: N/A	

TORI SHET-RI-107 - North Argyll - Inveraray Reinforcement	**Scheme** North Argyll - Inveraray Reinforcement
Overview of Works Reinforce the double circuit OHL between North Argyll 275/132kV Substation (established as part of SHET-RI-013) and the existing Inveraray to Crossaig double circuit overhead (rebuilt as part of SHET-RI-050), approximately 2.8km from Inveraray.	
Proposed Consent Submission	Consented
Current Project Phase	Execution
Next Project Phase	Operation
Next Stakeholder Event	TBC
Project Completion Date	30 April 2029
Summary of works in last quarter: All section 37 consent pre-commencement conditions are discharged and bellmouth and access track construction is underway.	
Summary of works in next quarter: Continue access track installation and commence foundation activities.	
Additional Comments: N/A	

TORI SHET-RI-109 - Spittal-Brora 132kV Reconductoring	**Scheme** Spittal-Brora 132kV Reconductoring
Overview of Works Spittal-Brora 132kV Reconductoring	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	30/06/2027
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-109a - Brora - Loch Buidhe 132kV Reinforcement	**Scheme** Brora - Loch Buidhe 132kV Reinforcement
Overview of Works Replace the 132kV OHL double circuits between Spittal 132kV Substation - Brora GSP with L7C Araucaria.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2034
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-115 - Melgarve 400/132kV Substation Additional SGTs	**Scheme** Melgarve 400/132kV Substation Additional SGTs
Overview of Works At Melgarve Substation (established under SHET-RI-085a and SHET-RI-085b), install an additional two 480MVA SGTs to enable the connection of wind generation in the area.	
Proposed Consent Submission	
Current Project Phase	
Next Project Phase	
Next Stakeholder Event	
Project Completion Date	31/10/2026
Summary of works in last quarter: Project on hold.	
Summary of works in next quarter: Project on hold.	
Additional Comments: N/A	

TORI SHET-RI-116 - Kergord - Yell 132kV Connection	Scheme Kergord - Yell 132kV Connection
Overview of Works Install a new 220kV single circuit between northern Mainland Shetland and a new 220kv/132kV substation on Yell, to enable the connection of renewable generation.	
Proposed Consent Submission	October 2026
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	June 2025 - Marine consultation events on marine area of interest and landfall options.
Project Completion Date	TBC
Summary of works in last quarter: Early development of project scope in line with Shetland Strategy outputs. Optioneering exercises underway for substation, landfall and corridor options.	
Summary of works in next quarter: Review of previously undertaken substation site selection work. Development of land and marine circuit routes.	
Additional Comments: Further detail on the outputs of the Shetland Strategy to be presented to the public on Shetland via a series of information events in planning for Q3 2025.	

TORI SHET-RI-117 - Tealing 275kV Busbar Upgrade	Scheme Tealing 275kV Busbar Upgrade
Overview of Works At Tealing remove the existing 275kV 2500A rated busbar, and replace with a new 4000A rated 275kV double busbar complete with two bus couplers, one bus section and busbar selection on all feeder bays.	
Proposed Consent Submission	N/A
Current Project Phase	Operate
Next Project Phase	N/A
Next Stakeholder Event	N/A
Project Completion Date	18/11/2022
Summary of works in last quarter: Outstanding defects to be closed and final records submitted.	
Summary of works in next quarter: Final submission of records continues	
Additional Comments: N/A	

TORI SHET-RI-119 - Corriemoillie Transformer Protection Modification	**Scheme** Corriemoillie Transformer Protection Modification
Overview of Works At the existing Corriemoillie Substation, install a three-ended grid transformer differential protection scheme on GT2 to enable the connection of a second generator at Corriemoillie.	
Proposed Consent Submission	N/A
Current Project Phase	Execution
Next Project Phase	Execution
Next Stakeholder Event	N/A
Project Completion Date	31/10/2025
Summary of works in last quarter: Contractor have now demobilised from Site and are awaiting dates for the first outages. These dates will be determined by when they submit an acceptable update to P&C drawings and the white book.	
Summary of works in next quarter: In the next quarter we will be concentrating on the submission and acceptance of P & C documentation and proposing a suitable date for the first outages to occur.	
Additional Comments: N/A	

TORI SHET-RI-121 - Errochty - Charleston 132kV Reconductoring	**Scheme** Charleston - Abernethy 132kV Reconductoring
Overview of Works Reconductor approximately 25km of 132kV OHL between Abernethy 132kV Substation and Charleston 132kV Substation. The circuit should be reconductored with a conductor capable of a minimum summer pre-fault rating of 150MVA.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2028
Summary of works in last quarter: Decision on project scope is under internal review.	
Summary of works in next quarter: Decision on project scope is under internal review.	
Additional Comments: N/A	

TORI SHET-RI-123 - Shin - Loch Buidhe 132kV Rebuild	Scheme Shin - Loch Buidhe 132kV Reinforcement
Overview of Works In an update from the initial scope, TORI-123 project is to establish a new 132kV double circuit OHL between Shin Substation and Loch Buidhe Substation, with a minimum summer pre-fault rating of 348MVA. The existing 132kV OHL will be dismantled following construction of the new replacement OHL.	
Proposed Consent Submission	Q1 2026
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	TBC – Q3 2025
Project Completion Date	31/10/2030
Summary of works in last quarter: Commence environmental and engineering related surveys including Phase 1 peat probing. Continue with design development and assessment of options to determine preferred alignment.	
Summary of works in next quarter: Continuation of high-level project development and environmental/engineering related surveys.	
Additional Comments: Project introduced at public event held in Bonar Bridge, February 2025. Further stakeholder events to be arranged.	

TORI SHET-RI-124 – Second Shetland HVDC Link Kergord - Rothienorman	**Scheme** Second Shetland HVDC Link Kergord – Rothienorman
Overview of Works Construct a second HVDC link with 2GW (was 600MW) capacity between Shetland mainland (Northern Substation Hub) to the Scottish mainland at an HVDC convertor station at Blackhillock 2 Substation. The link will have approximately 30km of land cable and 450km of subsea cable.	
Proposed Consent Submission	December 2028
Current Project Phase	Gate 0
Next Project Phase	Gate 1
Next Stakeholder Event	Early public engagement on Northern Substation Hub completed Q4 2024. Next event will finalise location options in Spring 2025.
Project Completion Date	TBC
Summary of works in last quarter: Progressed site selection for Northern Shetland and commenced site selection for Blackhillock 2.	
Summary of works in next quarter: Progression of site selection for Northern Shetland and Blackhillock 2. Appraisal of landfall site options. Identification of land and subsea cable route corridor options.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-127a - Dounreay 400kV Substation	Dounreay 400kV Substation
Overview of Works Establish new 400kV substation at Dounreay substation. Install 02 1200MVA, 400/275kV SGTs at Dounreay which will connect with Dounreay 2 275 kV S/S.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-127b - Dounreay - Thurso 400kV Double circuit OHL	**Scheme** Dounreay - Thurso 400kV Double circuit OHL
Overview of Works Install two 400kV feeder bays each at Dounreay 400kV Substation and Thurso 400kV Substation each complete with one circuit breaker, two bus bar selector switches and one line isolators. Install approximately 16km of 400kV double circuit OHL between Dounreay and Thurso Substation.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-128 – Caithness to Peterhead HVDC Link	Scheme Caithness to Peterhead HVDC Link
Overview of Works Transmission reinforcement works associated with the construction of a new HVDC link from the new Banniskirk 400kV Substation (delivered under TORI SHET-RI-153) to Longside 400 kV Substation (delivered under SHET-RI-180), a part of the Netherton Hub. The HVDC link is approximately 200 km from Banniskirk Hub to Netherton Hub. The works will be coordinated with the NOA recommendations.	
Consent Submission	Q4 2024
Current Project Phase	Refinement
Next Project Phase	Execution
Next Stakeholder Event	Q2 2025 - tbc
Project Completion Date	December 2030
Summary of works in last quarter: Non-intrusive environmental surveys carried at Netherton Hub. Continuation of design development of civils, buildings, cable system. Obtain cable route alignment landowner agreements.	
Summary of works in next quarter: Continuation of Early Contractor Involvement phase, developing RIBA 4 design, construction programme and production of planning deliverables.	
Additional Comments: No planned stakeholder events at this time. Await feedback from local authorities before arranging any events.	

TORI SHET-RI-129 - Farigaig SGT1 Upgrade	Scheme Farigaig SGT1 Upgrade
Overview of Works Upgrade the 120MVA 275/132kV SGT1 at Farigaig Substation to a 240MVA SGT, to facilitate the connection of generation in the area.	
Proposed Consent Submission	Not Applicable
Current Project Phase	Refinement
Next Project Phase	Execution
Next Stakeholder Event	TBC
Project Completion Date	08/12/2026
Summary of works in last quarter: Gate 3 scheduled for 22nd September 2025, after which orders will be placed for substation works. Project team continued with internal gate 3 governance.	
Summary of works in next quarter: Project specific works information completion for transformer and substation works. Invitation to tender for transformer and substation works. There will be early contractor engagement to mitigate programme risk on design and long lead times for material procurement. The project will be ordering long lead time materials for substation works. Confirm programme once SGT2 programme has been confirmed. Completion of gate 3 (refinement).	
Additional Comments: N/A	

TORI SHET-RI-130a - North Argyll - Craig Murrail 275kV Operation	**Scheme** North Argyll - Craig Murrail 275kV Operation
Overview of Works Construct two new greenfield 275/33 kV GIS substations with one no. 120 MVA GT (each), located near existing 132/33kV An Suidhe and Crarae. Provide connection to the existing wind farms via 33kV cable works. (Operational through existing substation). The existing 132kV substations will be decommissioned and dismantled, except for the windfarm 33kV metering circuit breaker connection and associated SCADA system equipment.	
Proposed Consent Submission	Granted
Current Project Phase	Execution
Next Project Phase	Operation
Next Stakeholder Event	~~28/01/2025~~TBC
Project Completion Date	31/10/2028
Summary of works in last quarter: An Suidhe North: Bulk earthworks in progress for the substation platform. The borrow pit is fully functional with blasting commenced. Crarae South: Site handed over to Contractor during May 2025 and the mobilization would commence with activities starting by August 2025. Central HUB offices operational on site at Kilmory industrial estate, which will be for all three projects: Craig Murrail – Crarae and An-Suidhe new substations.	
Summary of works in next quarter: An Suidhe North: Continue with civil works for substation platform and setup of permanent welfare facilities for project. Crarae South: To setup temporary welfare facilities & upgrade access tracks for construction activities. To start peat stripping & topsoil removal at site while developing peat restoration area I for restoration of excavated peat. Workers' Housing Accommodation civil works are progressing, with anticipated completion end of June 2025.	
Additional Comments: N/A	

TORI SHET-RI-130b - Craig Murrail - Crossaig 275kV Operation	**Scheme** Craig Murrail - Crossaig 275kV Operation
Overview of Works Reinforce the network in the Argyll and Kintyre network to enable 275kV operation of the network from Craig Murrail Substation to a new double busbar substation to be established at Crossaig. This requires the construction of a new Crossaig North 275/132kV Substation and modifications to the existing Crossaig Substation.	
Proposed Consent Submission	Granted
Current Project Phase	Execution
Next Project Phase	Operation
Next Stakeholder Event	28/01/2025
Project Completion Date	19/01/2029
Summary of works in last quarter: Civil ground works have progressed with most site excavations completed and drainage installations partially complete for the new Crossaig North Substation. Works have commenced on the construction of GIS buildings, SGT bunds and equipment foundations. Civil ground works have also continued for the extension to the existing Crossaig Substation with most material excavations now complete.	
Summary of works in next quarter: Progress on the construction and fit out of the two GIS buildings for the new Crossaig North Substation. Installation of concrete equipment bases. Completion of drainage swale, SUDS and installation of most platform drainage. Continuation of Peat restoration works onsite to reuse excavated materials.	
Additional Comments: N/A	

TORI SHET-RI-131 - Brechin 132kV Extension	Scheme Brechin 132kV Extension
Overview of Works Construct two new circuit breakers at Brechin Substation.	
Proposed Consent Submission	
Current Project Phase	
Next Project Phase	
Next Stakeholder Event	
Project Completion Date	31/10/2024
Summary of works in last quarter: Project on hold.	
Summary of works in next quarter: Project on hold.	
Additional Comments: N/A	

TORI SHET-RI-133 - Loch Buidhe SGT Upgrade	**Scheme** Loch Buidhe SGT Upgrade
Overview of Works Replacement of existing Loch Buidhe 240MVA 132/275kV SGTs with 480MVA units.	
Proposed Consent Submission	
Current Project Phase	
Next Project Phase	
Next Stakeholder Event	
Project Completion Date	TBC
Summary of works in last quarter: Project put on hold.	
Summary of works in next quarter: Project still on hold.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-134 – Beauly-Denny Second Circuit upgrade from 275kV to 400kV	Beauly-Denny Second Circuit upgrade from 275kV to 400kV

Overview of Works

Upgrade the existing Beauly/Fasnakyle /Fort Augustus /Tummel-Kinardochy /Braco West /Bonny Bridge 275kV circuit to 400kV, mirroring the ratings of the existing 400kV circuit, along the route.

Proposed Consent Submission	Q1 2025
Current Project Phase	Refinement
Next Project Phase	Execution
Next Stakeholder Event	N/A
Project Completion Date	31/10/2029

Summary of works in last quarter:

Kinardochy Underground Cable (UGC)

The principal contractor has mobilised to site to carry out a series of ground investigation works essential for developing the cable design.

Fort Augustus Substation

T&C Planning consent was granted in Q2 2025 and discharge of consent conditions has commenced.

Cambushinnie (formerly Braco West) 400kV Substation

T&C Planning Application for the Substation submitted in April 2025. S37 Planning Application submitted in June 2025. Platform ground investigation surveys completed in May 2025. Initial design progressing by the Principal Contractor, which will inform construction costs and programme later this year.

Bingally (formerly Fasnakyle) 400/132kV Substation

OHL S37 Planning Application Submitted in May 25.
Voluntary Land Agreement Discussions with all Landowners.
Feedback from T&C Planning Application i.e. Highland Council Transport, CEPA etc.
Ongoing progression of Part A Design
Initial Design Submitted from SGT
Joint Workshops for Optimised Construction Programme with contractors.

Kinardochy 400kV Upgrade:

Commencement of design work will facilitate project progress and provide input for internal project governance activities.

Summary of works in next quarter:

Kinardochy Underground Cable (UGC)
The Part A cable and civil design packages will commence. The planning application for temporary access will be submitted to Perth & Kinross District Council, with a determination expected in Q1 2026.

Fort Augustus Substation
Design works will continue under the substation and OHL design contracts. Enabling activities falling under Permitted Development will continue to be planned and will commence in Q3 2025. The preparation of Ofgem Project Assessment documentation will move forward significantly in preparation for submission in early 2026.

Cambushinnie (formerly Braco West) 400kV Substation
Submission of Planning Application for the Haul Road in July 2025. Ongoing negotiations with landowners working towards voluntary agreements with Head of Terms targeted for Q3 2025.

Bingally (formerly Fasnakyle) 400/132kV Substation
HoT Land Agreement for all Land Owners.
Anticipated Planning Application Committee with The Highland Council Q3.
Design Assurance Review (DAR) preparation for Sept/Oct.
Draft Part B (Updated L3) Price Submission for Oct 25 for Review.
Ongoing Joint Workshops for Optimised Programme with contractor.

Additional Comments:
N/A

TORI SHET-RI-134b – Fasnakyle Substation 132Kv Reinforcement	Scheme Fasnakyle Substation 132Kv Reinforcement
Overview of Works Fasnakyle Substation – Construct a new 132Kv busbar at a site adjacent to the existing Fasnakyle Substation. Connect the new 132Kv busbar to the new 400/132Kv SGTs (constructed as part of SHET-RI-134) via appropriate switchgear. The new 132Kv busbar should leave sufficient space for future expansion. Install two new 132/33Kv 120MVA GTs and connect them to the existing Fasnakyle GSP, via the appropriate switchgear. Upon completion of the build, decommission and remove the legacy 275Kv equipment and switchgear that is no longer required.	
Proposed Consent Submission	Q3/Q4 2024
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	N/A
Project Completion Date	31/10/2029
Summary of works in last quarter: Agreement on Initial Scope. L1 Programme Presented from contractor. PSWI / Works Information Drafted for formal issue to contractor for Pricing. Outage Sequence Review / Joint Programme Workshops	
Summary of works in next quarter: Progression of Fasnaykle Design Works (Following Works Information Issuance / Contract Variation) Refined Part B Price & Programme Outage Sequence Review / Joint Programme Workshops	
Additional Comments: N/A	

TORI SHET-RI-136 - Blackhillock 400kV Building Extension	**Scheme** Blackhillock 400kV Building Extension
Overview of Works Extend existing Blackhillock 400kV GIS building to allow space provision for additional bays.	
Proposed Consent Submission	TBC
Current Project Phase	Optioneering
Next Project Phase	Development
Next Stakeholder Event	TBC
Project Completion Date	TBC
Summary of works in last quarter: Project kick-off.	
Summary of works in next quarter:	
Additional Comments: Required to enable Blackhillock to Kintore Upgrade (BKUP).	

TORI	Scheme
SHET-RI-137 - Blackhillock-New Deer-Peterhead 400kV OHL	Blackhillock-New Deer-Peterhead 400kV OHL

Overview of Works

Establish a new 400kV double circuit OHL from Blackhillock to New Deer (60km) and New Deer to Peterhead (22km). In an update from the initial scope, the line is to connect to new 400kV busbars at New Deer and Peterhead. The connection to a new 400kV busbar at Blackhillock (Coachford Substation – TORI 199) has been removed from scope due to technical challenges with the initially proposed site. The project now connects directly to the Beauly - Blackhillock 400kV OHL (SHET-RI-7a).

Proposed Consent Submission	August 2025
Current Project Phase	Design
Next Project Phase	Consenting
Next Stakeholder Event	24 & 26 June – Update event reflecting design changes due to removal of Coachford.
Project Completion Date	31/10/2030

Summary of works in last quarter:

Update of design following removal of Coachford substation connection.
Ongoing update of EIA and review of chapters.
Ongoing GI works.

Summary of works in next quarter:

Public events to communicate design changes resulting from removal of Coachford substation.
Complete, review and submit EIA.
Submit Section 37 Application.
Continue GI works.
Commence Part A Design.

Additional Comments:

Project is being developed in parallel to Beauly - Blackhillock 400kV OHL (SHET-RI-7a), with a combined Section 37 application to be submitted.

TORI SHET-RI-138 - New Deer 400kV Busbar Extension	**Scheme** New Deer 400kV Busbar Extension
Overview of Works Extend 400kV double busbar at the existing New Deer 400kV Substation. Four new GIS Bays and associated GIB to design, procure, install and commission. Air Insulated Switchgear (AIS) scope has now been issued for contractor along with RTSD scope of works.	
Proposed Consent Submission	N/A
Current Project Phase	Refinement
Next Project Phase	Execution
Next Stakeholder Event	Gate 3
Project Completion Date	Q3/Q4 2026
Summary of works in last quarter: Project has progress through pre-governance Gate 3 checks and have been accepted from two of these boards on Gate 3 pathway – one in later June awaits.	
Summary of works in next quarter: Part B will be entered Site mobilisation will commence in August / September GIS Delivery is due October	
Additional Comments: N/A	

TORI SHET-RI-139 - 2GW HVDC Link New Deer to England	**Scheme** 2GW HVDC Link New Deer to England
Overview of Works Install an indoor 2GW HVDC converter station with associated equipment at New Deer Substation. HVDC cables to be routed into the sea and then south towards England (landing point to be confirmed). This will be a joint project with NGET.	
Proposed Consent Submission	N/A
Current Project Phase	initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-140 - Thurso South 275kV Substation redevelopment	**Scheme** Thurso South 275kV Substation redevelopment
Overview of Works Redevelop the existing Thurso South 275kV Substation into a new 275kV double busbar arrangement.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-142 - Caithness to New Deer 2 – 2 x 1GW HVDC Links	**Scheme** Caithness to New Deer 2 – 2 x 1GW HVDC Links
Overview of Works Construct two 1GW HVDC links from Spittal to New Deer 2, including converter stations and associated equipment.	
Proposed Consent Submission	TBC
Current Project Phase	TBC
Next Project Phase	TBC
Next Stakeholder Event	TBC
Project Completion Date	31/10/2031
Summary of works in last quarter: Project under review.	
Summary of works in next quarter: Project under review.	
Additional Comments: N/A	

TORI SHET-RI-143 - Kergord - Gremista GSP 132kV Infrastructure	**Scheme** Kergord - Gremista GSP 132kV Infrastructure
Overview of Works Construct a new 132kV 22km circuit comprising both overhead wood pole line and underground cable between 132kV feeder bays at Kergord Substation and the new Gremista GSP.	
Proposed Consent Submission	All submitted and granted
Current Project Phase	Execution
Next Project Phase	Operation
Next Stakeholder Event	Various community engagements
Project Completion Date	07/11/2025
Summary of works in last quarter: Ongoing construction works, including quality assurance, progressing towards the commissioning of the main electrical components of the system.	
Summary of works in next quarter: Completion of the civils works and commencement of Stage 1 Commissioning activities.	
Additional Comments: The Kergord-Gremista link is expected to be completed by the above completion date, with Shetland fully connected to the mainland national grid following the commissioning, testing and energisation of SSEN Distribution's standby solution in Q3 of 2026. Until that point, Lerwick Power Station will continue to deliver a safe, secure and reliable supply of power to homes and businesses across Shetland.	

TORI SHET-RI-144 - New Deer 2 400kV Substation	Scheme Greens 400kV Substation (formerly New Deer 2)
Overview of Works Establish a new 400kV substation close to the existing New Deer 400kV Substation and tie in the proposed 400kV circuits from Blackhillock to New Deer and New Deer to Peterhead (SHET-RI-137).	
Proposed Consent Submission	Submitted 09/12/24
Current Project Phase	Refinement
Next Project Phase	Execution
Next Stakeholder Event	TBC
Project Completion Date	31/10/2029
Summary of works in last quarter: Part A contract in process of being signed. 6 of 7 Heads of Terms signed with one outstanding (agreed but not signed). Options agreements being issued. Design of passing places being progressed as a temporary alternative to full widening of the public road. Progress governance docs for Gate 3. Gate 3 documents in progress	
Summary of works in next quarter: Progress towards Gate 3 governance and Part B contract ECF works to be progressed to support start on site in Jan 2026	
Additional Comments: N/A	

TORI SHET-RI-145 - 2GW HVDC Link New Deer 2 to England	**Scheme** 2GW HVDC Link New Deer 2 to England
Overview of Works Install an indoor 2GW HVDC converter station with associated equipment at New Deer 2 Substation. HVDC cables to be routed into the sea and then south towards England (landing point to be confirmed). This will be a joint project with NGET.	
Proposed Consent Submission	N/A
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-147 - Tealing 400kV Substation	**Scheme** Tealing 400kV Substation
Overview of Works Establish a new 400kV substation close to the existing Tealing 275kV Substation.	
Proposed Consent Submission	Submitted 18th November 24
Current Project Phase	Refinement
Next Project Phase	Execution
Next Stakeholder Event	None planned, awaiting consent determination
Project Completion Date	9/29/06/2029
Summary of works in last quarter: Finalise land agreement and submit CPO. Agreement reached on Part A for proposed start date of 16th June 25.	
Summary of works in next quarter: Further ground investigation surveys for the substation and associated access works to commence Q3 2025. Start Part A	
Additional Comments: N/A	

TORI SHET-RI-148 - Alyth – Tealing 400kV Re-Insulation	**Scheme** Alyth – Tealing 400kV Re-Insulation
Overview of Works Reconductor, reinsulate and any necessary upgrades to the 275kV double circuit OHL between Alyth and Tealing for 400kV operation.	
Proposed Consent Submission	Submitted November 2024
Current Project Phase	Refinement
Next Project Phase	Execution
Next Stakeholder Event	None planned, awaiting consent determination
Project Completion Date	31/10/2031
Summary of works in last quarter: Complete ECE design. Part-A Design Works to commence. Begin any required conductor testing. Work to establish Public Roads Improvement requirements.	
Summary of works in next quarter: Part-A Design Works to commence. Continued work to establish Public Roads Improvement requirements.	
Additional Comments: N/A	

TORI SHET-RI-149 - Tealing – Glenrothes Westfield 400kV Rebuild	**Scheme** Tealing – Glenrothes Westfield 400kV Upgrade
Overview of Works Reconductor, reinsulate and any necessary upgrades to the 275kV double circuit OHL between Tealing and Glenrothes-Westfield for 400kV operation.	
Proposed Consent Submission	Submitted November 2024
Current Project Phase	Refinement
Next Project Phase	Execution
Next Stakeholder Event	None planned, awaiting consent determination
Project Completion Date	31/10/2031
Summary of works in last quarter: Complete ECE design. Part-A Design Works to commence. Begin any required conductor testing. Work to establish Public Roads Improvement requirements.	
Summary of works in next quarter: Part-A Design Works to commence. Continued work to establish Public Roads Improvement requirements.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-150 - Inverguie Tee – Peterhead 132kV Reconductoring	Inverguie Tee – Peterhead 132kV Reconductoring

Overview of Works

Reconductor approximately 5.6km of 132kV OHL between the Inverguie Tee and Peterhead 132kV Substation. The circuit should be reconductored with a conductor capable of a minimum summer pre-fault rating of 226MVA.

Upgrade of the protection and control at the remote ends of the VS1 and VS2 circuits.

Proposed Consent Submission	Not required
Current Project Phase	Refinement
Next Project Phase	Execution
Next Stakeholder Event	Not required
Project Completion Date	07/11/2025

Summary of works in last quarter:

Early procurement of protection equipment and design.

Finalisation and sign off of Part A design

Finalisation of Gate documents for submittal.

Summary of works in next quarter:

Finalise contracts with contractors to commence work.

Mobilise contractor to site for starting tower painting and reconductoring work.

Design to commence for protection scopes.

Additional Comments:

N/A

TORI SHET-RI-151 - Peterhead – St Fergus 132kV Line Works	**Scheme** Peterhead – St Fergus 132kV Line Works
Overview of Works OHL works to bring the 132kV circuit to ground, including any required modifications. Design and installation of one 132kV circuit breaker with three 132kV disconnectors and associated protection and control equipment for each of the two circuits.	
Proposed Consent Submission	N/A
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2029
Summary of works in last quarter: Continuation of high-level project development and initial site selection for the substation location	
Summary of works in next quarter: High level project development will continue in the next quarter. External engineering consultants are being onboarded to work on the substation location and design. This is being accompanied with site surveys for breeding birds and raptors to establish best area for substation and overhead line location.	
Additional Comments: N/A	

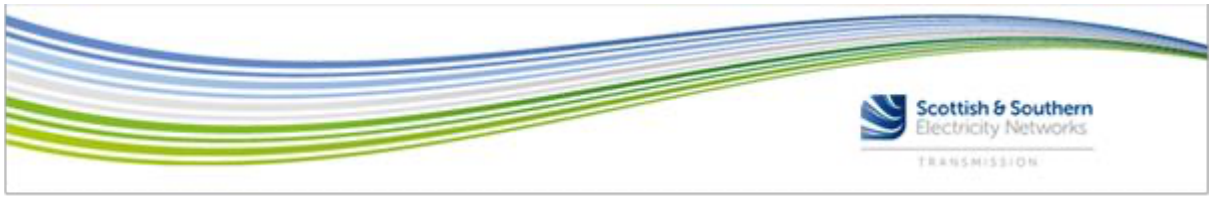
TORI SHET-RI-152 - Shetland ANM Scheme	**Scheme** Shetland ANM Scheme
Overview of Works Active Network Management (ANM) Scheme on Shetland to manage flows across 600MW HVDC link (established under SHET-RI-053) from Kergord 132kV Substation on Shetland, to the Scottish mainland at an HVDC convertor station in the vicinity of Noss Head in Caithness. Change Control for this project is currently going through the approval process. Under the new scope the project will deliver a centralised ANM scheme for the whole Shetland Island which will monitor and manage the loadings of the existing 600MW HVDC link and the new 2GW HVDC link which is due for energisation in 2035. The system will send trim / trip signals to the Users on Shetland Island causing the overloading based on Last In First Out (LIFO) criteria.	
Proposed Consent Submission	N/A – equipment will be contained within existing (planned) substations
Current Project Phase	Pre-Gate 0
Next Project Phase	
Next Stakeholder Event	Included in Shetland 2 and Shetland Connections stakeholder events (No standalone events)
Project Completion Date	TBC
Summary of works in last quarter: System studies, including load flow analysis have been completed and the report submitted.	
Summary of works in next quarter: Review and finalise report, and prepare scope of work for design tender.	
Additional Comments: N/A	

TORI SHET-RI-153 - Spittal 2 400kV Substation	Scheme Spittal 2 400kV Substation
Overview of Works The scope of the project is to establish a new 400kV substation northeast of the existing Spittal 275kV Substation. The new 400kV substation will have a double busbar arrangement complete with two main busbar section bays, two reserve busbar circuit breaker bays, three bus couplers, two 400/275kV Super Grid Transformer circuit breaker bays, two HVDC circuit breaker bays, six-line feeder circuit breaker bays, and two synchronous compensator circuit breaker bays and two 275kV Super Grid Transformer circuit breaker bays. The substation will also include: • 2 x 1200MVA, 400/275kV Super Grid Transformers (SGT1 and SGT2) • Space provision for 2 x Tertiary Connected Reactors on SGT1 and SGT2 • 2 x 400kV connected synchronous compensators (200MVAr rating) • Space provision for 4 future connection bays	
Consent Submission	24th November 2024
Current Project Phase	Delivery/Refinement (Gate 2-3)
Next Project Phase	Delivery/Refinement (Gate3)
Next Stakeholder Event	No further planned
Project Completion Date	31/10/2028
Summary of works in last quarter: 90% GI works complete Progress into Part A contract by mid-June 2025 Progress Early Earthwork deliverables	
Summary of works in next quarter: Progress with Part A detailed design Progress workers accommodation Work with The Highland Council (THC) to progress planning application Complete GI works Continue to work with developers' interface	
Additional Comments: Early indication from THC was that a June 2025 planning committee date was set, updated indication is that a potential August 2025 date is possible but not guaranteed.	

TORI SHET-RI-155 - Peterhead - Persley Tee 275kV Line Works	Scheme Peterhead - Persley Tee 275kV Line Works
Overview of Works OHL works to bring the VP 275kV OHL circuit to ground, including any required tower modifications. Design and installation of one 275kV bus bar, including a circuit breaker with four 275kV disconnectors and associated protection and control equipment. Following impact from ASTI and need to reinforce the north-east coast of Scotland to enable future Scotwind and generation connection, there is a need to upgrade Peterhead – Kintore circuit from 275kV to 400kV. Peterhead – Persley 275kV OHL falls within this circuit and now needs to be built to 400kV rating.	
Proposed Consent Submission	Q4 2024
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	TBC
Project Completion Date	TBC
Summary of works in last quarter: Conclusion of OHL connection arrangement with Developer.	
Summary of works in next quarter: No further update.	
Additional Comments: N/A	

TORI SHET-RI-157 - Alcemi Score 2 Substation 400kV Switchgear	**Scheme** Alcemi Score 2 Substation 400kV Switchgear
Overview of Works OHL works to bring the 400kV circuit to ground, including any required modifications. Design and installation of one 400kV circuit breaker with three 400kV disconnectors and associated protection and control equipment for the circuit.	
Proposed Consent Submission	TBC
Current Project Phase	Opportunity Assessment
Next Project Phase	Development
Next Stakeholder Event	TBC
Project Completion Date	TBC
Summary of works in last quarter: Continued customer engagement and ongoing feasibility studies.	
Summary of works in next quarter: Feasibility studies cable route studies and design and initial design works	
Additional Comments: Due to ASTI impact and updated Single line diagram (SLD) from System Planning & Investment, which recommended that existing New Deer – Peterhead 400kV OHL (VND1/VND2) be diverted into the second 400kV substation that is to be constructed at Peterhead, the customer will be unable to make a Tee connection to VND1/VND2, as this circuit will physically not be in existence once the second 400kV substation is completed and energised in 2030. Option assessment has been completed and alternative options presented to the developer for consideration.	

TORI SHET-RI-158 - Twin Carradale - Kilmarnock South subsea cable	Scheme Twin Carradale - Kilmarnock South subsea cable
Overview of Works Establish a new 132kV double busbar substation at the existing Carradale Substation in Kintyre and install a subsea link between Carradale and Kilmarnock South (SPT). This will comprise two 240MVA land/subsea cable circuits, connecting two 240MVA 132/220kV transformers with reactive compensation equipment at Carradale, and 240MVA 220/400kV transformers with reactive compensation equipment at Kilmarnock South. SPT will be responsible for the infrastructure and connection of the subsea cables at Kilmarnock South.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2034
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter:	
Additional Comments: N/A	



TORI SHET-RI-159 - Creag Dhubh Network Management Scheme	**Scheme** Creag Dhubh Network Management Scheme
Overview of Works Between Creag Dhubh, Dalmally, Inverarnan and Windyhill 275kV Substations install an intertrip scheme which will monitor the Dalmally – Creag Dhubh – Inverarnan – Windyhill 275kV double circuit tower line. Following various dual outage scenarios (N'-1 and N-2), an intertrip signal will be sent to applicable users to reduce export/import to 0MW.	
Proposed Consent Submission	
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	
Project Completion Date	31/10/2030
Summary of works in last quarter: Scottish Power have confirmed that this scheme is no longer required	
Summary of works in next quarter: No work expected unless there is a change to the requirements.	
Additional Comments: N/A	

TORI SHET-RI-165 - Alcemi Substation 400kV Switchgear	Scheme Alcemi Substation 400kV Switchgear
Overview of Works OHL works to bring the 400kV circuit to ground, including any required modifications. Design and installation of one 400kV circuit breaker with three 400kV disconnectors and associated protection and control equipment for the circuit.	
Proposed Consent Submission	TBC
Current Project Phase	Opportunity Assessment
Next Project Phase	Development
Next Stakeholder Event	TBC
Project Completion Date	TBC
Summary of works in last quarter: Continued customer engagement and ongoing feasibility studies.	
Summary of works in next quarter: Feasibility studies, cable route studies and design and initial design works.	
Additional Comments: Due to ASTI impact and updated SLD from System Planning & Investment, which recommended that existing New Deer – Peterhead 400kV OHL (VND1/VND2) be diverted into the second 400kV substation that is to be constructed at Peterhead, the customer will be unable to make a Tee connection to VND1/VND2, as this circuit will physically not be in existence once the second 400kV substation is completed and energise in 2030. Option assessment has been completed and alternative options presented to the developer for consideration.	

TORI SHET-RI-166 - Tealing – Arbroath 132kV Line Works	**Scheme** Tealing – Arbroath 132kV Line Works
Overview of Works OHL works to bring the 132kV circuit to ground, including any required modifications. Design and installation of one 132kV circuit breaker with two 132kV disconnectors and associated protection and control equipment.	
Proposed Consent Submission	March 2025
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	TBC
Project Completion Date	31/10/2027
Summary of works in last quarter: Submission of SC37 for overhead line (OHL).	
Summary of works in next quarter: Continual engagement with developer	
Additional Comments: N/A	

TORI SHET-RI-170 – Third SGT at Keith 275/132kV	Scheme Third SGT at Keith 275/132kV
Overview of Works Install a new 480MVA 275/132/33kV SGT at Keith 132kV Substation and approximately 2.5km of cable between the new SGT and Blackhillock 275kV Substation.	
Proposed Consent Submission	N/A
Current Project Phase	N/A
Next Project Phase	N/A
Next Stakeholder Event	N/A
Project Completion Date	31/10/2026
Summary of works in last quarter: Review project need.	
Summary of works in next quarter: The project will undergo a need assessment to best determine if the TORI is required to enable developers to connect.	
Additional Comments: N/A	

TORI SHET-RI-171 - OHL Cloiche/Dell to Melgarve	**Scheme** OHL Cloiche/Dell to Melgarve
Overview of Works New double circuit 132kV OHL to facilitate connection of Cloiche Wind Farm and Dell Wind Farm to the existing Melgarve Substation.	
Project Completion Date	30/07/2027
Proposed Consent Submission	Section 37 submitted
Current Project Phase	Refinement
Next Project Phase	Execution
Next Stakeholder Event	TBC
Summary of works in last quarter: Continuation on ECE deliverables and completion of further site surveys. Further progress made on land agreements. Continued engagement and discussions with Local Authority and ECU over progression of consents.	
Summary of works in next quarter: Application anticipated to be reported back to Local Authority's planning applications committee. Further design development, surveys, and advance procurement planned in next quarter.	
Additional Comments: N/A	

TORI SHET-RI-172 – Coire Mashie 400kV Substation	**Scheme** Coire Mashie 400kV Substation
Overview of Works Establish a new 400kV substation on the Beauly-Denny GM1 circuit (between Fort Augustus and Tummel) in the geographical area between Laggan and Dalwhinnie.	
Proposed Consent Submission	
Current Project Phase	Opportunity
Next Project Phase	Development
Next Stakeholder Event	28/05/2025
Project Completion Date	31/10/2029
Summary of works in last quarter: Site selection optioneering completed and first public consultation carried out on 28th May 2025.	
Summary of works in next quarter: Feedback period following public consultation event with Report on Consultation to be produced. Site selection will move into alignment phase and design of substation will be developed further within chosen site. Ground Investigation (GI) works will be completed.	
Additional Comments: N/A	

TORI SHET-RI-174 -Upgrade of Keith SGTs	**Scheme** Upgrade of Keith SGTs
Overview of Works Replace the existing 132/275kV 240MVA SGTs at Keith 132kV Substation with larger 480/360MVA units.	
Proposed Consent Submission	N/A
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2028
Summary of works in last quarter: Project on hold.	
Summary of works in next quarter: Project on hold.	
Additional Comments: N/A	

TORI SHET-RI-176 - Pauls Hill/Glenfarclas Circuit Turn In	**Scheme** Pauls Hill/Glenfarclas Circuit Turn In

Overview of Works

Move the existing open point at Keith 132 kV substation to Paul's Hill substation and turn in the Pauls Hill/Glenfarclas circuit to Blackhillock 132kV Substation (including development of a switching station at Tee point and reconductoring of section between Tee in switching station and Blackhillock 132 kV bay. These works are required to connect Craigwatch Windfarm which has a Transmission Entry Capacity (TEC) of 72.6 MW and Correen Hills (previously named Littlewood) Windfarm which has a Transmission Entry Capacity (TEC) of 68.4 MW

The works under this SRD include:

- Moving the existing open point from Keith 132kV substation to Pauls Hill/Glenfarclas substation
- Turn in the circuit between Keith and Pauls Hill/Glenfarclas substation to Blackhillock 132kV substation.
- Development of 132kV switching station on Tee point to Craigwatch and Correen Hills
- Reconductoring of ~12 KM of circuit between Blackhillock 132 kV and switching station to a minimum of 176 MVA summer pre fault (Total load of Windfarms = 72.6 MW + 68.4 MW)
- Development of ~7 KM additional shared use circuit at a minimum of 176 MVA summer pre-fault rating to Craigwatch WF site and associated switchgear.

Proposed Consent Submission	July 2027
Current Project Phase	Opportunity
Next Project Phase	Development
Next Stakeholder Event	TBC
Project Completion Date	15/05/2031

Summary of works in last quarter:

Developing switching station (location, environmental/land/engineering constraint, layout, etc.)

Summary of works in next quarter:

Optioneering switching station site location and public consultation event

Additional Comments:

N/A

TORI SHET-RI-177 - Tomatin Additional SGTs	Scheme Tomatin Additional SGTs
Overview of Works Install a new 275kV indoor double busbar and two additional 275/132kV Super Grid Transformers at the Tomatin 275/132kV Substation.	
Proposed Consent Submission	Mid 2026
Current Project Phase	Opportunity
Next Project Phase	Development
Next Stakeholder Event	Mid 2025
Project Completion Date	31/10/2030
Summary of works in last quarter: Continued design development to support planning applications for the extension required to accommodate the new super grid transformers (SGTs).	
Summary of works in next quarter: Continued design development to support planning applications for the extension required to accommodate the new SGTs.	
Additional Comments: N/A	

TORI SHET-RI-179 - Construction of a new Peterhead 132kV Substation	**Scheme** Construction of a new Peterhead 132kV Substation.
Overview of Works Construct a second 132kV substation at Peterhead.	
Proposed Consent Submission	Q3 2024
Current Project Phase	Refinement
Next Project Phase	Delivery
Next Stakeholder Event	N/A
Project Completion Date	31/07/2028
Summary of works in last quarter: The project is nearing completion of ECE+ phase. The primarily focus has been on design optimisation of the substation buildings in support of planning applications. Part A Contract negotiations are at an advantaged stage with the target of the GIS order placement in Q3.	
Summary of works in next quarter: Commencement of the Part A contract and GIS order. Planning matters specified deliverables to be delivered by principal contractor.	
Additional Comments: N/A	

TORI SHET-RI-180 - Second 400kV Peterhead Substation	**Scheme** Construction of a second 400KV Peterhead Substation.
Overview of Works Construct a second 400kV Substation at Peterhead.	
Proposed Consent Submission	Q3 2024
Current Project Phase	Refinement
Next Project Phase	Delivery
Next Stakeholder Event	N/A
Project Completion Date	31/07/2028
Summary of works in last quarter: The project is nearing completion of ECE+ phase. The primarily focus has been on design optimisation of the substation buildings in support of planning applications. Part A Contract negotiations are at an advantaged stage with the target of the GIS order placement in Q3.	
Summary of works in next quarter: Commencement of the Part A contract and GIS order. Planning matters specified deliverables to be delivered by principal contractor.	
Additional Comments: Super grid transformer (SGT) order progressing to schedule.	

TORI	Scheme
SHET-RI-182 - Loch Buidhe to Banniskirk 400kV Reinforcement	Loch Buidhe to Banniskirk 400kV Reinforcement
Overview of Works Construction of a new 400kV double circuit OHL between Loch Buidhe and Spittal.	
Proposed Consent Submission	Spring 2025
Current Project Phase	Development (1-2)
Next Project Phase	Delivery/Refinement (2-3)
Next Stakeholder Event	TBC
Project Completion Date	August 2030
Summary of works in last quarter: Ground investigation works ongoing. EIA completion, with final review due. Ongoing land discussions with impacted landowners.	
Summary of works in next quarter: Continuing ground investigation works. Submission of S37 application. Commence voluntary wayleave negotiations.	
Additional Comments: Project is to connect to proposed Loch Buidhe (Carnaig) 400kV Substation (TORI200) and Spittal 2 (Banniskirk) 400kV Substation (TORI-153), to be developed in separate projects, with SHET-RI-182 engaging closely to provide optimised solution.	

TORI SHET-RI-183 – New 132kV Dundee Substation	**Scheme** SHET-RI-183-New 132kV Dundee Substation
Overview of Works Construction of a new 132kV double busbar substation in Dundee, to replace Dudhope GSP. This busbar will be fed by turning in the current Dudhope/Milton of Craigie 132kV circuits.	
Proposed Consent Submission	June 2025
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	TBC
Project Completion Date	29/10/2028
Summary of works in last quarter: Complete initial ground investigation surveys. Progress Environmental appraisal ready for submission alongside planning application to Dundee City Council. Progress detailed land referencing to identify and notify all affected landowners.	
Summary of works in next quarter: Submit planning application to Dundee City Council. Engage with Dundee City Council to approve proposed cable route layout. Continue engagement to purchase land. Prepare to engage demolition contractor. Update customer contract documents. Procure transformers.	
Additional Comments: N/A	

TORI SHET-RI-184-Coupar Angus Two Tee V2	Scheme Coupar Angus Two Tee V2
Overview of Works Establish two new 132kV Tee points of the HCS/HCN circuits between Coupar Angus GSP and Tealing/Charleston Tee for the connection to a new Coupar Angus 2 132/33kV GSP substation.	
Proposed Consent Submission	~~30/09/2025~~ TBC
Current Project Phase	Optioneering
Next Project Phase	Development
Next Stakeholder Event	TBD
Project Completion Date	31/08/2029
Summary of works in last quarter: System studies and scope development	
Summary of works in next quarter: Continue system studies and complete optioneering	
Additional Comments: Another project is in close proximity to the site. Reviewing scope to facilitate both connections in one substation.	

TORI SHET-RI-185- Kintore - Tealing 400kV OHL	**Scheme** TKUP - Kintore - Tealing 400kV OHL
Overview of Works Establish a new 400 kV double circuit OHL between Kintore 400 kV Substation and Tealing 400 kV Substation.	
Proposed Consent Submission	Summer 2025
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	Final Pre-Application events on going with feedback open until 31/03/25
Project Completion Date	Q4 2030
Summary of works in last quarter: Progress and conclude Environmental Impact Assessment in preparation for S37 submission. Continue Ground Investigation works at towers and access tracks. Survey works in relation to public road improvements works. Engagement of contracting partner for Part A Works Information packages.	
Summary of works in next quarter: Submit Section 37 Application. Localised forest site felling/ clearance to facilitate the ground investigation works. Continue Ground Investigation works at towers and access tracks. On going survey work and commencement of Ground investigation works in relation to public road improvement works.	
Additional Comments: N/A	

TORI SHET-RI-187 – St Fergus 132kV Substation	Scheme St Fergus 132kV Substation
Overview of Works Establish a new 132kV St Fergus double busbar substation at the site of the existing St Fergus 132kV Switching Station. Split the double busbars and establish an open point between them.	
Proposed Consent Submission	N/A
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Project scope to be re-assessed internally to ensure it meets the network needs before any further development work is progressed.	
Summary of works in next quarter: Project scope to be re-assessed internally to ensure it meets the network needs before any further development work is progressed.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-188-St Fergus to New Deer 2 132kV Reinforcement	St Fergus to New Deer 2 132kV Reinforcement

Overview of Works

New Deer 2 400kV substation

Establish a new 132kV busbar at New Deer 2 Substation, and install two 240MVA 400/132kV transformers.

Construct a new 132kV double circuit OHL from New Deer 2 to St Fergus Substation (Approximately 26 km).

St Fergus substation (SHET-RI-187)

Install two new 132kV bay at St Fergus 132kV Substation.

Proposed Consent Submission	N/A
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033

Summary of works in last quarter:

Project on hold.

Summary of works in next quarter:

Project on hold.

Additional Comments:

N/A

TORI SHET-RI-189 - Strichen-Fraserburgh to St Fergus 132kV OHL Reconductoring	**Scheme** Strichen-Fraserburgh to St Fergus 132kV OHL Reconductoring
Overview of Works Upgrade a section of the existing Strichen/Fraserburgh to St Fergus Switching Station 132kV SF1/SF2 OHL.	
Proposed Consent Submission	N/A
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2027
Summary of works in last quarter: This project is on hold.	
Summary of works in next quarter: This project is on hold.	
Additional Comments: Pause on development activity on this project following the need to review overall project load driver need in the area.	

TORI	Scheme
SHET-RI-191 - Strathy Switching Collector Station Connagill-Strathy double circuit OHL	Strathy Switching Collector Station Connagill-Strathy double circuit OHL
Overview of Works Install a new 132kV double circuit between the new 132kV switching collector station and Strathy Wood Wind Farm Substation to enable the connection of renewable generation (Phase 1). Install a new 275kV double circuit (initially energised at 132kV) between Connagill 275/132kV Substation and a new 132kV switching collector station located near Strathy North Wind Farm Substation (Phase 2). Install a new 132kV switching collector station near Strathy and turn in the new double circuit (Phase 3).	
Consent Submission	Complete (Phase 1 and 2) Phase 3 consent submission scheduled for 11/03/2026
Current Project Phase	Refinement (Phase 1 and 2) and Development (Phase 3)
Next Project Phase	Execution (Phase 1 and 2) and Refinement (Phase 3)
Next Stakeholder Event	Phase 3 scheduled for August 2025 exact date TBC
Project Completion Date	31/07/2029
Summary of works in last quarter: Project Refinement. (Phase 1 and 2) Project Development – substation site selection (Phase 3)	
Summary of works in next quarter: Project Development – Public Consultation Event, Ground Investigations, Environmental Impact Assessment (Phase 3)	
Additional Comments: Project team are currently working through objections raised against the consent applications for Phase 1 and 2. Unknown impact on project until these have been managed through with the ECU.	

TORI	Scheme
SHET-RI-193 - Western Isles 1.8GW HVDC Link	Western Isles 1.8GW HVDC Link

Overview of Works

Establish a 1.8GW HVDC link with associated equipment and converter stations between the Western Isles (on Lewis) and the 400kV Beauly 2 GIS Switching Station (established under SHET-RI-194). The HVDC infrastructure will interface with a new 400kV double busbar substation on Lewis and the 400kV double busbar substation at Beauly. The infrastructure on Lewis also includes a new 132kV double busbar and installation of three 360MVA 400/132kV Super Grid Transformers to accommodate onshore and offshore generation from Western Isles.

Proposed Consent Submission	Submitted February 2025
Current Project Phase	Refinement
Next Project Phase	Delivery
Next Stakeholder Event	June 2025
Project Completion Date	April 2031

Summary of works in last quarter:

Refinement of Design for Converter Station, Substation and Cable Route, completion of RIBA 3 design
Participation in Major Development Forum (MDF) for Western Isles
Additional GI work (Trial Pits, Peat Probing & Cable)
Development of Earthworks Strategy & plans to discharge Lewis HUB Planning conditions

Summary of works in next quarter:

Initial Works contracts to be issued to Tier 1 contractors to develop designs
Development of deliverables required to discharge planning conditions ahead of PiP determination
Develop CEC3 price submissions
Preparation of Gate 3 deliverables
Secure site accommodation

Additional Comments:

Stakeholder information events for mainland cable route planned for June 2025 at various locations along the route.

TORI SHET-RI-194 - Beauly 2 400kV Switching Station	Scheme Beauly 2 400kV Switching Station
Overview of Works Construction of a new 24 bay 400kV substation, as well as an HVDC converter station, close to the existing Beauly Substation. Scope includes all associated ground formation works, civil foundations, Mechanical and Electrical equipment installation and final commissioning. Diversion of existing 275/400kV OHL between Beauly-Denny as well as new connections from Blackhillock and Loch Buidhe. Replacement of existing Black Bridge to facilitate site access.	
Consent Submission	March 2025
Current Project Phase	Delivery
Next Stakeholder Event	
Project Completion Date	2030
Summary of works in last quarter: Ground investigation works to continue on the main platform site, while the detailed design is being progressed by the Principal Contractor. Project team will continue engagement with key land stakeholders, as well as the local Council representatives, to review requirements for the Black Bridge replacement proposal, as well as the wider community benefit plan.	
Summary of works in next quarter: Ground Investigation	
Additional Comments: Public engagement regarding works is increasing during periods of site activity. Site walkovers and investigation works are being communicated to residents.	

TORI SHET-RI-195 - Skye HVDC Link	Scheme Skye HVDC Link
Overview of Works Establish a 400MW HVDC link with associated equipment and converter stations between Skye (East Coast of Skye, location to be determined) and the 400kV double busbar at Beauly (established under SHET-RI-194). The HVDC cable is to be approximately 100km. A 25km double circuit 132kV OHL will be constructed from Edinbane Collector Substation to a new Skye HVDC Converter station located on the East coast of Skye. The HVDC infrastructure will interface with the 132kV double busbar at Edinbane and the 400kV double busbar at Beauly.	
Proposed Consent Submission	TBC
Current Project Phase	Pre Gate 0
Next Project Phase	Gate 0
Next Stakeholder Event	TBC
Project Completion Date	30/04/2034
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-196 - Whitehouse Substation 275kV Switchgear	**Scheme** Whitehouse Substation 275kV Switchgear
Overview of Works Construct a new 275kV line circuit breaker bay on the 275kV Craig Murrail - Crossaig West circuit at the future Whitehouse 275kV Substation.	
Proposed Consent Submission	January / February 2029
Current Project Phase	Gate 0
Next Project Phase	Gate 1 – August 2026
Next Stakeholder Event	TBC
Project Completion Date	31/10/2034
Summary of works in last quarter: Project team still being assigned. Initial internal project activities to commence.	
Summary of works in next quarter: Project team has been assembled. Initial studies to begin for substation site selection.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-197 - Kintyre to North Wales HVDC Link	Kintyre to North Wales HVDC Link
Overview of Works Construction of a new AC/DC converter station, with the AC end connected to the Creag Dhubh 275kV double busbar substation. The DC circuit is to be a bi-pole, solid return design, routed through the sea towards North Wales (landing point to be confirmed).	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2034
Summary of works in last quarter: Project on hold.	
Summary of works in next quarter: Project on hold.	
Additional Comments: N/A	

TORI SHET-RI-198 - Beinn Glass Tee 132kV Switching Station	**Scheme** Beinn Glass Tee 132kV Switching Station
Overview of Works Construct a new 132kV switching station at the site where the Beinn Glass 132kV circuit Tees into the Taynuilt to Creag Dhubh 132kV tower line. At the new switching station, install a new 132kV line circuit breaker and associated disconnectors, protection panels, battery systems etc.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2034
Summary of works in last quarter: Project on hold.	
Summary of works in next quarter: Project on hold.	
Additional Comments: N/A	

TORI SHET-RI-199 - Blackhillock 2 400kV Substation	Scheme Coachford 400kV Substation (formerly Blackhillock 2)
Overview of Works Establish a new 400kV substation close to Blackhillock 400kV Substation and tie in the proposed 400kV circuits as part of the NOA BBNC/BPNC upgrade.	
Proposed Consent Submission	N/A
Current Project Phase	Refinement
Next Project Phase	Delivery
Next Stakeholder Event	N/A
Project Completion Date	N/A
Summary of works in last quarter: Following detailed ground investigation works which revealed technical challenges at the site, we will no longer be proceeding with the construction of the proposed substation at Coachford as part of the Beauly to Peterhead 400kV overhead line project. The results of our ground investigation work created an opportunity to reassess how, when and where the objectives of Coachford could be delivered, taking future development opportunities in the area into consideration.	
Summary of works in next quarter: Continue engagement with key stakeholders to explain changes and provide detailed updates regarding the revised scope of the project and what it means for them.	
Additional Comments: N/A	

TORI SHET-RI-200 - Loch Buidhe 400kV Substation	Scheme Loch Buidhe 400kV (Carnaig Substation
Overview of Works This project is looking to establish a new 400kV substation adjacent to the existing 275kV Loch Buidhe Substation.	
Proposed Consent Submission	December 2024
Current Project Phase	Refinement
Next Project Phase	Construction
Next Stakeholder Event	No further planned
Project Completion Date	31/07/2029
Summary of works in last quarter: Continuation of limited felling and ground investigation works to finalise the design of the platform for the substation	
Summary of works in next quarter: Continuation of limited felling and ground investigation works to finalise the design of the platform for the substation it is still ongoing	
Additional Comments: N/A	

TORI SHET-RI-201 - Foyers Substation Extension and Connection to Loch Kemp	**Scheme** Foyers Substation Extension and Connection to Loch Kemp
Overview of Works Extend the existing Foyers 275kV busbar to include a new 275kV bay to connect the new circuit from the Loch Kemp Pumped Storage 275/18kV substation. Construct a 275kV busbar with three bays at the Loch Kemp 275kV/18kV substation. The Loch Kemp Pumped Storage 275/18kV substation will be connected to the existing Foyers 275kV substation by approximately 7.5km of single circuit 275kV underground cable.	
Proposed Consent Submission	~~June~~ October 2025
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	TBC
Project Completion Date	31/10/2030
Summary of works in last quarter: EIA development to support TCP application (works being tied in with Foyers GSP upgrade development project) Continued engineering design works	
Summary of works in next quarter: EIA development to support TCP application (works being tied in with Foyers GSP upgrade development project) Continued engineering design works	
Additional Comments: N/A	

TORI SHET-RI-202 – East Coast Onshore 400kV Substation	**Scheme** Hurlie 400kV Substation
Overview of Works Establish a new 400kV substation within close proximity of Fetteresso Substation.	
Proposed Consent Submission	Q3/Q4 2024
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	June 2024
Project Completion Date	31/10/2031
Summary of works in last quarter: Aberdeenshire Council are currently reviewing the documentation. Detailed design and land negotiations are progressing. The new contractor for the project is currently reviewing the design carried out by the previous contractor.	
Summary of works in next quarter: The contractor will continue reviewing the documents and progress the design of the substation. The contractor will continue working on providing a Part A price for the works. Planning application queries will continue to be resolved. Land purchase discussions will continue and are expected to be finalised.	
Additional Comments: Local stakeholders are keen to understand the full extent of renewable developments being proposed in their local area. A supplementary handout has been produced and is available via project website: Hurlie 400kV substation - SSEN Transmission (ssen-transmission.co.uk)	

TORI	Scheme
SHET-RI-203 - Fetteresso 132kV Busbar Works	Fetteresso 132kV Busbar Works

Overview of Works

- Extend the existing Fetteresso 132 kV platform to establish a fully selectable 132 kV double-busbar with space provision for a minimum of sixteen bays (inclusive of bus section breaker and bus couplers).
    - Please note that the individual feeder bays shall be delivered under the respective customer connection projects. The scope of SHET-RI-TORI-203 is to establish the double busbar, super grid transformer (SGT) & SGT feeder bay and bus section/couplers.

Installation of a second 400/132 kV, 480 MVA super grid transformer (SGT) at Fetteresso

Proposed Consent Submission	December 2025
Current Project Phase	Optioneering
Next Project Phase	Development
Next Stakeholder Event	TBD
Project Completion Date	30/06/2029

Summary of works in last quarter:
Further development of design.
Access track development.
Cable entry design.
PAN/PAC modelling and consultation events.
Procurement of long lead time items.

Summary of works in next quarter:
PAN/PAC modelling and consultation events.
Procurement of long lead time items.
Submission of EIA screening
Submission of PAN
Completion of EA survey work
Gate 1 Governance
ECI phase with contractor

Additional Comments:

N/A

TORI	Scheme
SHET-RI-205 - New East Coast 275kV Substation	New East Coast 275kV Substation

Overview of Works

Decommissioning of the existing Fiddes 132/33kV Substation, including all buildings, bunds, plinths, GTs and 132 kV Quad Booster. Switchgear, GTs and Quad Booster should obtain asset condition reports to determine if they should be placed into spared. All buildings, plinths and bunds should be broken down to below ground level and made available to others for use.

Decommissioning of the existing 132kV single circuit OHL between Craigiebuckler/Tarland/Fiddes Tee Point and Brechin Substation (CF-FB circuits).
Construction of a new 275kV double busbar at Brechin with a single bus section, two bus couplers and a minimum of six feeder bays to turn-in/out XT1/XT2 between Kintore and Tealing and interconnect Brechin 275/132kV Substations. The site should have space provision to house the super grid transformers (SGTs) and ancillary equipment and potential four future feeder bays.

Construction of two 275/132kV 240 MVA SGTs at Brechin 275kV Substation including two 275 kV circuit breakers, two 275kV line isolators, two 132kV circuit breakers and two 132kV line isolators to interconnect Brechin 275kV and 132kV substations.

Construction of two 132kV circuit breakers and four 132kV line isolators at Brechin 132kV substation to interconnect Brechin 275kV and 132kV substations.
Construction of approximately 4.5 km of 132kV double-circuit OHL between Brechin 275 kV substation and Brechin 132 kV substation

Proposed Consent Submission	N/A
Current Project Phase	Opportunity
Next Project Phase	Development
Next Stakeholder Event	TBD
Project Completion Date	30/06/2032

Summary of works in last quarter:

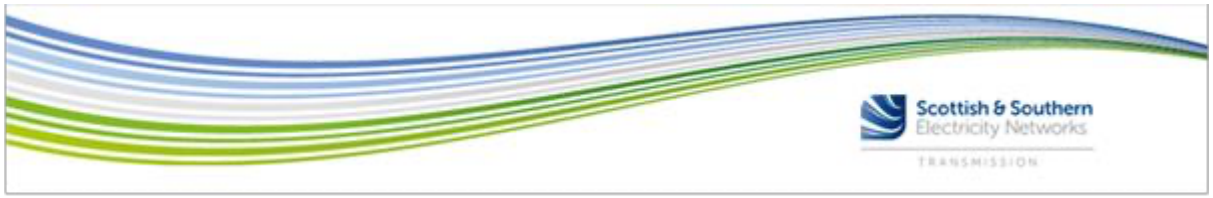
Substation Site optioneering
Starting General Investigations.
Substation – starting Initial Assessment of Accesses.
Engaged Environmental Consultant.
OHL - Initial Assessment of Accesses

Summary of works in next quarter:

Refinning Substation site options
Substation - Starting Confirmation of Land Ownership and Affected Occupiers / Tenants
Substation - Starting Legal Team Confirmation of Land Ownership
OHL - Legal Team Confirmation of Land Ownership
OHL - Confirmation of Land Ownership and Affected Occupiers / Tenants
Draft Environmental and Consents Strategy

Additional Comments: Continuation of high-level project development, along with initial internal governance activities.

TORI SHET-RI-205b - New East Coast 275kV Substation transition to 400kV (Brechin 400kV)	**Scheme** New East Coast 275kV Substation transition to 400kV (Brechin 400kV)
Overview of Works This reinforcement instruction is in place to trigger the requirement for the newly proposed east coast substation constructed under SHET-RI-205 from a 275kV connection to 400kV.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	



TORI SHET-RI-206 - Shared Fyrish 132kV Connection	**Scheme** Shared Fyrish 132kV Connection
Overview of Works Install a new 132kV single circuit between a Tee point for both Creachan and Ceislein Wind Farm and Fyrish 275/132kV Substation to enable the connection of renewable generation.	
Proposed Consent Submission	24/12/2026
Current Project Phase	Opportunity Assessment
Next Project Phase	Development
Next Stakeholder Event	24/09/2025
Project Completion Date	31/10/2030
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities, including progressing OHL/UGC options and establishing a preferred route.	
Summary of works in next quarter: Develop internal engineering reports and Route Selection Study Report based on preferred routes, and prepare for Routing consultation on the 24th of September 2025	
Additional Comments: N/A	

TORI SHET-RI-210 Corriemoillie 2T0	Scheme Corriemoillie 2T0
Overview of Works Construction of a new 33kV feeder bay and 33kV single busbar from GT2 at Corriemoillie Substation, including reconfiguration of the existing 33kV feeder connection and modification of the protection.	
Proposed Consent Submission	TBC
Current Project Phase	Refinement
Next Project Phase	Delivery Execution
Next Stakeholder Event	TBC
Project Completion Date	31/10/2024
Summary of works in last quarter: Contractor have now demobilised from site and are awaiting dates for the first outages. These dates will be determined by when they submit an acceptable update to planning and consent (P&C) drawings and the white book.	
Summary of works in next quarter: In the next quarter we will be concentrating on the submission and acceptance of P & C documentation and proposing a suitable date for the first outages to occur.	
Additional Comments: N/A	

TORI SHET-RI-213 - Car Duibh 275kV Substation and OHL Works	Scheme Car Duibh 275kV Substation and OHL Works
Overview of Works Construction of the new Car Duibh 275kV Substation and a 275kV 5km double circuit tower line, connecting into the proposed Creag Dhubh - An Suidhe - Craig Murrail 275kV double circuit tower line in a turn-in arrangement. This construction arrangement will turn this into a Creag Dhubh - Car Duibh - An Suidhe - Craig Murrail 275kV circuit.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2034
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-214 - New 275kV Fyrish Substation	Scheme New 275kV Fyrish Substation
Overview of Works New 275kV double busbar substation in the Fyrish area.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/09/2032
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-215 - New Aberdeen 275kV Substation (Newmachar)	**Scheme** New Aberdeen 275kV Substation (Newmachar)
Overview of Works New 275kV double busbar substation in the Aberdeen area.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Newmachar Substation – Establish options for site selection for new substation and associated works Review of environmental and consenting strategies and associated site surveys. Further refinement of scope and layout of proposed works	
Additional Comments: N/A	

TORI SHET-RI-219 - Dounreay 2 Tee	**Scheme** Dounreay 2 Tee
Overview of Works Establish two new 275kV tee points of the UT1 circuit and UT2 circuit between Dounreay and Thurso South for the connection to a new Dounreay 2 275/33kV GSP Substation.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	30/06/2031
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-221 - Macduff to Blackhillock 132kV Works	**Scheme** Macduff to Blackhillock 132kV Works
Overview of Works Establish a new 132kV Tee point of the Macduff to Blackhillock 132kV HMN circuit. Upgrade 4.7km of 132kV OHL on the Macduff to Blackhillock 132kV HMN circuit to a minimum summer pre-fault capacity of 197MVA.	
Proposed Consent Submission	TBD
Current Project Phase	Opportunity Assessment
Next Project Phase	Development
Next Stakeholder Event	TBD
Project Completion Date	30/09/2030
Summary of works in last quarter: Environmental surveys took place, along with initial site selection works.	
Summary of works in next quarter: Undertake engineering surveys and continue site selection and project development works.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-222 - Longmorn Energy Park Substation and OHL Works	Longmorn Energy Park Substation and OHL Works
Overview of Works Construction of the new Longmorn 275kV Substation and a 275kV 2.7km double circuit tower line, connecting into the existing Knocknagael - Blackhillock 275kV circuit, UH2 as a turn-in arrangement. This construction arrangement will turn this into a Clash Gour - Longmorn - Blackhillock 275kV circuit.	
Proposed Consent Submission	30/09/27
Current Project Phase	Initial Internal Governance
Next Project Phase	Optioneering
Next Stakeholder Event	03/11/25
Project Completion Date	15/08/2031
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Substation site & OHL selection Initial design & layout created Public consultation	
Additional Comments: N/A	

TORI SHET-RI-223 – Load Management Scheme at Windyhill 132kV Substation	**Scheme** Load Management Scheme at Windyhill 132kV Substation
Overview of Works The provision of signals from Sloy switching station to SPT for inclusion in a load management scheme.	
Proposed Consent Submission	TBD
Current Project Phase	Refinement
Next Project Phase	Execution
Next Stakeholder Event	TBD
Project Completion Date	TBC
Summary of works in last quarter: Engineering scope preparation and tender process	
Summary of works in next quarter:	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-226 - Craigiebuckler to Tarland 132kV Line Works-V1	Craigiebuckler to Tarland 132kV Line Works-V1

Overview of Works

Establish a new 132kV Tee point of the Craigiebuckler to Tarland CLS circuit. This will require three 132kV line disconnectors and one 132kV line circuit breaker.

Additionally, this may require tower/pole modifications to the existing 132kV infrastructure to accommodate these new assets.

Protections works will also be required on the 132kV CLS/CLN/XCW/CF circuits between Tarland, Craigiebuckler and Kintore substations.

Proposed Consent Submission	N/A
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	01/10/2032

Summary of works in last quarter:

Continuation of high-level project development, along with initial internal governance activities.

Summary of works in next quarter:

Continuation of high-level project development, along with initial internal governance activities.

Additional Comments:

N/A

TORI SHET-RI-230 - Dalchork to Loch Buidhe 132kV second Double Circuit	**Scheme** Dalchork to Loch Buidhe 132kV second Double Circuit
Overview of Works Construction of approximately 17 km 132kV double circuit between Dalchork - Loch Buidhe substations with same rating OHLs as of existing double circuit i.e. 414 MVA post-fault summer ratings. Scope also includes construction of two feeder bays each at Dalchork Substation and Loch Buidhe Substation.	
Proposed Consent Submission	N/A
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2032
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-231 - Aberdeen 132kV Protection Works	**Scheme** Aberdeen 132kV Protection Works
Overview of Works Installation of a second 132kV intertrip to support the protection of the Craigiebuckler/ Redmoss/Clayhills circuits.	
Proposed Consent Submission	N/A
Current Project Phase	Refinement
Next Project Phase	Execution
Next Stakeholder Event	TBC
Project Completion Date	31/03/2026
Summary of works in last quarter: Engineering design discussions and coordination meetings with other project works were held last quarter. Also clarified equipment and materials requirements.	
Summary of works in next quarter: Progress the engineering design drawings & receive quotes from panel suppliers.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-232 - Cairnford GSP 275kV Tee	Cairnford GSP 275kV Tee
Overview of Works Establish a new 275kV tee point of the Blackhillock to Kintore 275kV XH1 circuit to allow a second 275/33kV super grid transformer (SGT) to connect at Cairnford GSP substation.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2031
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-233 - Arnish to Balallan 132kV second Single Circuit	**Scheme** Arnish to Balallan 132kV second Single Circuit
Overview of Works Construct a second 132kV single circuit OHL between Lewis Hub Substation, and the Balallan switching station.	
Proposed Consent Submission	September 2027
Current Project Phase	Pre-Planning
Next Project Phase	Planning
Next Stakeholder Event	TBC
Project Completion Date	31/10/2030
Summary of works in last quarter: Feasibility assessment on possible project solutions will be progressed with internal resources and external consultants. Programme development will continue.	
Summary of works in next quarter: Progress technical feasibility for connection route and technical solution (land cable, OHL or marine cable).	
Additional Comments: Need case for 2nd circuit to be reviewed pending output of connections reform decisions additional transmission capacity from Balallan to Arnish has dependency on wind farm generation.	

TORI SHET-RI-234 - Tealing Solar Tee - Tealing 132kV Upgrade	**Scheme** Tealing Solar Tee - Tealing 132kV Upgrade
Overview of Works Upgrade the 5.8km of single circuit OHL between the Tealing Solar tee-point and Tealing 132kV substation.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2032
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-235 - Knocknagael 275kV Reserve Bus Section Circuit Breaker	Scheme Knocknagael 275kV Reserve Bus Section Circuit Breaker
Overview of Works Install a reserve bus section circuit breaker at Knocknagael 275kV substation.	
Proposed Consent Submission	N/A
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2030
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-236 - Blackhillock - Cairnford 275kV Line Works	**Scheme** Blackhillock - Cairnford 275kV Line Works
Overview of Works Establish a new 275kV Tee point of the Blackhillock to Cairnford 275kV HCD2 circuit. This will require three 275kV line disconnectors and one 275kV line circuit breaker. This Tee point will be adjacent to that seen from SHET-RI-178, and therefore this new TORI will be dependent on SHET-RI-178 to create the land/compound required for this new switchgear.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	30/05/2030
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-237 - Coupar Angus - Clunie 132kV Works	Coupar Angus - Clunie 132kV Works

Overview of Works

Establish a new 132kV single busbar near to the Coupar Angus area. The proposed location for this busbar compound will be next to or underneath the crossing point of the 132kV CCN/CCS circuits and the 275kV YZ1/YZ2 circuits (YZ1/YZ2 proposed to switch to 400kV under SHET-RI-093). For this new 132kV single busbar, four new 132kV bays will be required to connect the existing 132kV CCN/CCS circuits as seen from the SLD. A bus section has also been proposed on the busbar.

Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	30/05/2030

Summary of works in last quarter:

Site selection still ongoing – confirmation of site requirements ongoing.

Summary of works in next quarter:

Site selection still ongoing – confirmation of site requirements ongoing.

Additional Comments:

N/A

TORI SHET-RI-238 – New 275kV Connagill Substation	**Scheme** New 275kV Connagill Substation
Overview of Works New 275kV Connagill Substation	
Proposed Consent Submission	N/A
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2030
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-240 - Morar 400kV Substation	**Scheme** Morar 400kV Substation
Overview of Works Construct a new 400kV breaker and a half substation complete with six 400kV circuit turn in to connect the new substation to the Transmission system	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-241 - Peterhead - Persley - Kintore 400kV Reinforcement	**Scheme** Peterhead - Persley - Kintore 400kV Reinforcement
Overview of Works Peterhead-Persley-Kintore 400kV upgrade. Reconductor (Triple UPAS) and re-insulate the 275kV route for 400kV and tie-in to Peterhead 2. 400kV S/S (Newmacher) at tee-point of diversion to Persley (retaining 275kV OHL to Persley). Additional 400/275kV super grid transformer (SGT) (1200MVA) at Peterhead for Peterhead CCGT, and two 400kV PSTs (2349MVA) for PFC at Newmachar on the new 400kV OHL under PKUP to Peterhead 2.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: OHL Reconductor has finalised optioneering and refined the access, has started developing the land and environmental strategy, and Has environmental consultant engaged. Peterhead super grid transformer (SGT) – Initial feasibility studies for SGT location and environmental surveys will commence. Newmachar Substation – Refinement of scope, feasibility studies and location and environmental surveys will commence.	
Summary of works in next quarter: OHL Reconductor – Refine the land and environmental strategy, start environmental surveys, engage ECE contractor. Peterhead SGT – Establish options for site selection for new SGT building and associated cable routes to 275kV substation. Review of environmental and consenting strategies and associated site surveys where required. Newmachar Substation – Establish options for site selection for new substation and associated works. Review of environmental and consenting strategies and associated site surveys. Further refinement of scope and layout of proposed works	
Additional Comments: N/A	

TORI SHET-RI-242 – Peterhead 400 kV Busbar Extension	**Scheme** Peterhead 400 kV Busbar Extension
Overview of Works Extend the 400kV double busbar at Peterhead 400kV Substation and install a minimum of four additional new 400kV bays. The busbar configuration and number of bays will be subject to busbar loading studies.	
Proposed Consent Submission	N/A
Current Project Phase	Development
Next Project Phase	Execution
Next Stakeholder Event	
Project Completion Date	18/08/2026
Summary of works in last quarter: Internal governance activities. Handover to Delivery team to progress a design contract.	
Summary of works in next quarter: Progressing with internal Governance activities, engage and concluded design contract award with Principal Contractor. Commence design programme and deliverables.	
Additional Comments: N/A	

TORI SHET-RI-243 – Killin – Inverarnan 132kV Double Circuit Rebuild	**Scheme** Killin Inverarnan 132kV Double Circuit Rebuild
Overview of Works Rebuild the Killin – Inverarnan 132kV double circuit tower line, including replacement of the 132kV underground cable sections, with higher rated 132kV assets.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/11/2031
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-244 - Kintore 400kV Busbar Extension	Kintore 400kV Busbar Extension
Overview of Works Extend Kintore 400 kV busbar with a minimum of 2 additional feeder bays. Establish section breaker on main and reserve, as well as bus coupler using space provision at the existing site.	
Proposed Consent Submission	Complete
Current Project Phase	Refinement
Next Project Phase	Construction
Next Stakeholder Event	TBC
Project Completion Date	31/10/2032
Summary of works in last quarter: Focus has been centred around getting the substation installation contractor into Part A contract. Delays have been experienced on the agreement of the rates to use across the contractor's other ASTI projects. The supplier is now ready to deliver the GIS and LCC's following a successful FAT in March 25.	
Summary of works in next quarter: Execution of the Part Contract works.	
Additional Comments: N/A	

TORI SHET-RI-245 – Kintore to Craigiebuckler-Tarland Tee Point Upgrade	**Scheme** Kintore to Craigiebuckler-Tarland Tee Point Upgrade
Overview of Works Kintore-Craigiebuckler/Tarland Tee Point OHL 132kV Upgrade.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2031
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-246 - Garlogie 275kV Substation	Scheme Garlogie 275kV Substation
Overview of Works Establish a new 275kV substation with a single 275kV busbar near the Garlogie area. Installation of a new 275kV bay at Kintore 275kV substation. This bay availability will be subject to HNDFUE, where it is currently proposed that some 275kV bays may become available due to the Kintore to Persley/Peterhead circuits being moved to 400kV operation (as proposed within SHET-RI-241). Construct a new 275kV single circuit OHL from Kintore 275kV Substation to this new Garlogie 275kV Substation (Approximately 14km).	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-247 – Mossy Hill T-Connection	Scheme Mossy Hill T-Connection
Overview of Works This project is for the construction of a new Mossy Hill 132kV substation, near Lerwick. Mossy Hill Substation will be tee-connected into the 132kV underground cable (UGC) KG circuit between Kergord 132kV GIS Substation and Gremista Grid Supply Point (GSP) near Lerwick.	
Proposed Consent Submission	December 2024
Current Project Phase	The project is currently going through refinement phase after Design Freeze was achieved in December 2024. Also see SHET-RI-143 - Kergord - Gremista GSP 132kV Infrastructure for current status on 132kV Kergord-Gremista line construction.
Next Project Phase	Execution
Next Stakeholder Event	June 2025: Planning decision for proposed substation
Project Completion Date	30/11/2028
Summary of works in last quarter: Contract negotiations with contractor and development of interface responsibility schedule (for design and construction) with the developer. Following contract award, initial design works are expected to commence in Q3 of 2025.	
Summary of works in next quarter: Contract Award for Part A works (initial design) is now expected in July 2025 with commencement of Part A design works expected in August 2025. Part A works cover the preliminary design works for the new substation.	
Additional Comments: Costs have been updated following re-estimation of costs using most recent tender prices.	

TORI SHET-RI-249 – Highland BESS 132kV Substation and Cable Works	**Scheme** Highland BESS 132kV Substation and Cable Works
Overview of Works Construction of the new Highland BESS 132kV Substation and a 132kV 1km double cable circuit, connecting into the Tomatin – Boat of Garten 132kV circuit in a turn in arrangement. This construction arrangement will turn this into a Tomatin – Highland BESS – Boat of Garten 132kV circuit.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	30/05/2030
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-251 – Pollie Hill Wind Farm Tee	**Scheme** Pollie Hill Wind Farm Tee
Overview of Works Construct a new Tee point onto one side of the existing 275kV circuits (LNG2) between Loch Buidhe Substation and Connagill Substation.	
Proposed Consent Submission	N/A
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2031
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-252 – Kilbraur North Wind Farm Line Extension	**Scheme** Kilbraur North Wind Farm Line Extension
Overview of Works The existing 275kV LNG2 line between Loch Buidhe and Connagill Substation will be extended to the new Kilbraur North Wind Farm 275kV Substation.	
Proposed Consent Submission	N/A
Current Project Phase	initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2031
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-255 - Abernethy 400kV Substation	**Scheme** Abernethy 400kV Substation
Overview of Works Construct a new 400kV busbar to facilitate the connection of a new 400/33kV GSP at Abernethy	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-256 - Peterhead 2 400kV Busbar Extension	**Scheme** Peterhead 2 400kV Busbar Extension
Overview of Works Extend the 400kV double busbar with space provision for a minimum of one additional bay, at Peterhead 2 400kV Substation.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-258 – Tealing 400kV Busbar Extension	**Scheme** Tealing 400kV Busbar Extension
Overview of Works Extend the 400kV double busbar with space provision for a minimum of one additional bay, at Tealing 400kV Substation.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-259 – Protection upgrades for the 132kV circuit (Beauly – Keith) at Nairn	**Scheme** Protection upgrades for the 132kV circuit (Beauly-Keith) at Nairn
Overview of Works Replacement of the circuit switchers at Nairn (i.e. 403 and 503) with circuit breakers as well as protection relay replacements/additions at Nairn, Elgin, Beauly, and Keith.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/01/2028
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-260 – Tealing 132kV Extension	**Scheme** Tealing 132kV Extension
Overview of Works All civil and protection works required to extend the Tealing Substation compound to allow the Tealing 132kV busbar to be extended for the installation of additional 132kV bays.	
Proposed Consent Submission	19th August 2025
Current Project Phase	Optioneering
Next Project Phase	Development
Next Stakeholder Event	TBD
Project Completion Date	31/10/2028
Summary of works in last quarter: Undertake GI works. Carry out EIA/EA surveys and assessments. Undertake Gate 1 governance.	
Summary of works in next quarter:	
Additional Comments: N/A	

TORI SHET-RI-262 - New East Coast 400kV Substation	Scheme New East Coast 400kV Substation
Overview of Works Establish a new 400kV substation on the east coast between Tealing and Glenrothes/Westfield to facilitate connection of Generation Station.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2035
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-264 - Coupar Angus 2 - Birkhill Tee 132kV Upgrade	Coupar Angus 2 - Birkhill Tee 132kV Upgrade
Overview of Works Upgrade approximately 13km of 132kV double circuit OHL between Coupar Angus 2 GSP and Birkhill Tee. This may require steelwork and foundation upgrades to the existing towers to accommodate this new conductor. The Coupar Angus 2 GSP location is still under review, and therefore the required km of OHL for this 132kV upgrade may be subject to change.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/08/2029
Summary of works in last quarter: Project under review.	
Summary of works in next quarter: Project under review.	
Additional Comments: Project currently being reviewed.	

TORI SHET-RI-266 – New North East 275kV Substation	Scheme New North East 275kV Substation
Overview of Works Establish a new 275kV double busbar substation between Blackhillock 275kV – Kintore 275kV substations connecting existing circuits in a loop in/out arrangement.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-268 – 275kV Dounreay 2 Substation	**Scheme** 275kV Dounreay 2 Substation
Overview of Works Construct a new 275kV double busbar Dounreay 2 Substation with at least seven bays (and three for future) approximately 3km away from existing 275kV Dounreay Substation in between existing Dounreay – Thurso South 275kV double circuit.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/07/2032
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-269 - Alyth 400kV Satellite Substation	**Scheme** Alyth 400kV Satellite Substation
Overview of Works Construction of a new satellite substation near Alyth 400kV connected to Alyth via a cable connection to an existing bay, facilitating the connection of multiple users.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-272 – 400/132kV Corriemoillie 2 Substation	**Scheme** 400/132kV Corriemoillie 2 Substation
Overview of Works Construct a new substation almost 3 km away from the existing 132 kV Corriemoillie Substation with 400kV and 132 kV busbars. Install two 480 MVA, 400/132 kV super grid transformers (SGTs) at this new substation. Construct approximately 20 km of 400kV OHL (double circuit) from Corriemoillie Substation to the new 400 Beauly-Carnaig 400kV OHL and connect it in a turn-in turn-out /T-configuration.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-273 - Beauly to Deanie 132kV OHL Reinforcement	Beauly to Deanie 132kV OHL Reinforcement
Overview of Works Creation of a new 132 kV Switching Compound with 132 kV Busbar to support connection into both circuits of the Beauly to Deanie 132 kV OHL (BDN & BDS). Also reconductor the BDS and BDN circuits between the new compound and Beauly 132 kV Substation to support minimum of 176 MVA (summer pre-fault rating) on each circuit.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2031
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-274 – Lynemore Wind Farm Substation and OHL Works	**Scheme** Lynemore Wind Farm Substation and OHL Works
Overview of Works Construction of the new Lynemore 132kV Substation, connecting into the Tomatin – Boat of Garten 132kV 'MAG2' circuit in a turn-in arrangement. This construction arrangement will turn this into a Tomatin – Lynemore Wind Farm – Boat of Garten 132kV circuit.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2030
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-275 – Shin 2 Tee and OHL Works	**Scheme** Shin 2 Tee and OHL Works
Overview of Works Construction of Switching Station and OHL reinforcement/construction to support the Tee connection from the new GSP "Shin 2".	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2032
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

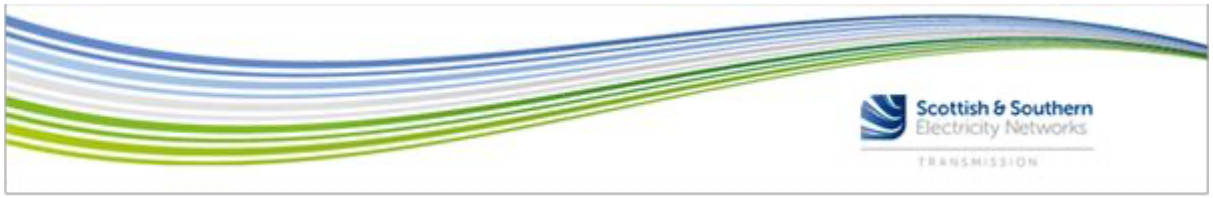
TORI SHET-RI-276 - 275kV Compound between Dourneay and Thurso South	**Scheme** 275kV Compound between Dourneay and Thurso South
Overview of Works Turn In Turn Out connection at 275 kV Dounreay - Thurso South circuit.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	30/09/2030
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-278- New Craigiebuckler 132kV Substation	**Scheme** New Craigiebuckler 132kV Substation
Overview of Works This TORI proposes the construction of a new 132kV double busbar at a new site near the existing Craigiebuckler 132/33kV GSP.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	30/09/2032
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-280 – Peterhead 400kV - Longside 400kV OHL Upgrade	**Scheme** Peterhead 400kV - Longside 400kV OHL Upgrade
Overview of Works Rebuild the Longside to Peterhead 400kV OHL with a new higher capacity 400kV OHL.	
Proposed Consent Submission	
Current Project Phase	
Next Project Phase	
Next Stakeholder Event	
Project Completion Date	31/10/2030
Summary of works in last quarter: First Public Consultation event took place, project team reviewing feedback ahead of the next event.	
Summary of works in next quarter: Project to prepare for and attend second public consultation.	
Additional Comments: N/A	

TORI SHET-RI-282 – Blackhillock – Cairnford – Kintore 400kV Upgrade (BKUP)	**Scheme** Blackhillock – Cairnford – Kintore 400kV Upgrade (BKUP)
Overview of Works Upgrade the existing 275kV circuits between Blackhillock, Cairnford and Kintore to 400kV.	
Proposed Consent Submission	TBC
Current Project Phase	Opportunity Assessment
Next Project Phase	Development
Next Stakeholder Event	TBC
Project Completion Date	31/10/2032
Summary of works in last quarter: Project kick off.	
Summary of works in next quarter: The project is undergoing a scope definition phase to ascertain as many potential scope growth areas. This is being conducted to help minimise any significant scope change during the project development phase. The project will formally kick off and enter the Overhead Line Corridor Selection and Substation Site Selection stages from Q3 2025.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-283 - Corrymuckloch 400kV Substation	Corrymuckloch 400kV Substation
Overview of Works Construct a new 400kV substation on the Beauly Denny line between Kinardochy and Denny. The location is expected to be between towers 307 and 308 on the existing line, near to the village of Corrymuckloch.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2035
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	



TORI SHET-RI-284 - Arbroath - Tealing (TAN/TAS) Reconductoring	**Scheme** Arbroath - Tealing (TAN/TAS) Reconductoring
Overview of Works Reconductor Arbroath to Tealing 132kV circuits TAN and TAS (Towers 31-78 only).	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2032
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-285 – Scatsta 132kV Substation	**Scheme** Scatsta 132kV Substation
Overview of Works This project involves a new 220/132kV connection between a new Substation in Northern Shetland and the existing Kergord substation	
Proposed Consent Submission	October 2026
Current Project Phase	Opportunity Assessment
Next Project Phase	Development
Next Stakeholder Event	September 2025
Project Completion Date	August 2032
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities	
Summary of works in next quarter: Initial site selection and routing activities ongoing, targeting public consultations Q4 2025	
Additional Comments: Further detail on this project will be presented to the public on Shetland via a series of information events in planning for September / October 2025	

TORI SHET-RI-286 – Knocknagael 275kV Extension (Red John)	**Scheme** Knocknagael 275kV Extension (Red John)
Overview of Works All the civil and protection works required to extend the Knocknagael 275kV AIS double busbar to create one new 275kV AIS bay to connect the new circuit from the Loch na Cathrach 275kV Switching Substation.	
Proposed Consent Submission	June 2025
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	TBC
Project Completion Date	31/04/2029
Summary of works in last quarter: Finalise the planning application for the substation extension including a pre-validation check with The Highland Council. Continue discussions with the landowners to progress purchase/lease of the land required for the extension.	
Summary of works in next quarter: Submit planning application for the substation extension. Continue discussions with the landowners to progress purchase/lease of the land required for the extension.	
Additional Comments: N/A	

TORI SHET-RI-287 - Thurso 2 GSP 275kV Reinforcement	**Scheme** Thurso 2 GSP 275kV Reinforcement
Overview of Works Establish a new 275kV loop in connection of the UT1 circuit between Thurso South and Dounreay for the connection of a new Thurso 2 275/33kV GSP substation.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-289 - Arbroath 2 GSP Tee	**Scheme** Arbroath 2 GSP Tee
Overview of Works Establish two new 132kV Tee points of the TAN/TAS circuits between Arbroath GSP and Tealing 132kV for the connection of a new Arbroath 2 132/33kV GSP substation.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2032
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-291a - Thurso South 400kV Substation	Thurso South 400kV Substation
Overview of Works Construct a double bus bar 400kV substation at/near existing Thurso South 275kV substation. Install 2 x 1200MVA, 400/275kV super grid transformers (SGTs) and connect 400kV double bus bar with existing 275kV substation.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-291b - Thurso - Spittal 400kV double circuit OHL	**Scheme** Thurso - Spittal 400kV double circuit OHL
Overview of Works Install 02 400kV bays at 400kV Thurso substation complete with one circuit breaker, two busbar selector switches and one line isolator. Install 02 400kV bays at 400kV Spittal substation complete with one circuit breaker, two busbar selector switches and one line isolator. Install approximately 12 km of double circuit OHL between these two substations originating and terminating on these bays.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-296 - Tomatin - Knocknagael Intertrip Scheme	**Scheme** Tomatin - Knocknagael Intertrip Scheme
Overview of Works Install intertrip facilities at Tomatin 275/132kV substation to monitor the Tomatin - Knocknagael double circuit tower line (CMA1 and CMA2). Following an outage of either of these two circuits, an intertrip signal will be sent to applicable Users to reduce export/import to 0MW.	
Proposed Consent Submission	TBD
Current Project Phase	Initial Internal Governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2029
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-298 - New Deer 2 400kV Busbar Extension	**Scheme** New Deer 2 400kV Busbar Extension
Overview of Works Extend the 400kV double busbar with space provision for a minimum of one additional bay, at New Deer 2 400kV Substation.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-304 – Shared Double Circuit to Taynuilt	**Scheme** Shared Double Circuit to Taynuilt
Overview of Works Construction of a new double circuit 132kV tower line from Dunach 132kV substation to Taynuilt 132kV busbar (delivered under TORI SHET-RI-263) for the connection of multiple generation customers.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2034
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-306a - Greens - Kintore New 400kV Double Circuit (NHNC)	**Scheme** Greens - Kintore New 400kV Double Circuit (NHNC)
Overview of Works New build 400kV double circuit OHL from Greens (New Deer 2) to Kintore 400kV following expansion of the site as specified in SHET-RI-307.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/12/2035
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-307 - Kintore 400kV Busbar Extension (Phase 2)	**Scheme** Kintore 400kV Busbar Extension (Phase 2)
Overview of Works Phase 2 of Kintore 400kV Busbar Extension follows SHET-RI-244. Phase 2 extension is the establishment of a 400kV double busbar complete with two bus couplers, one bus section and four feeder bays (two on the extension and two on the existing site) to connect to line feeder bays (cable). The 400kV double busbar is to also include space provision for 10 bays for the connection of Demand as well as OHL circuits from the Blackhillock - Kintore double circuit OHL (BKUP), Greens - Kintore double circuit OHL (part of NHNC) and Kintore - Emmock - SPT double circuit OHL (part of NHNC).	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/12/2035
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-310 - Mybster 4 132kV Collector Substation	**Scheme** Mybster 4 132kV Collector Substation
Overview of Works Establish a new 132kV double busbar Collector Substation on the OHL between Spittal 132kV Substation and Loch Budhie 132kV Substation in close proximity to the existing Mybster 132kV Substation works to accommodate the distribution generation and demand in the area.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2034
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-311 - Burghmuir 400kV Substation	**Scheme** Burghmuir 400kV Substation
Overview of Works Construct a new 400kV busbar to facilitate the connection of a new 400/33kV GSP at Abernethy.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2031
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-312 - Brora GSP Switching Station	Brora GSP Switching Station
Overview of Works Construct a double busbar 132 kV switching station at Brora GSP substation. Circuits from Loch Buidhe and to Spittal will be connected at this switching station.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2034
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-314 - SHET to SPT 132kV Works (Carnbo)	SHET to SPT 132kV Works (Carnbo)
Overview of Works A new substation compound will be required within the Carnbo/Kinross area to house some 132kV equipment relating to customer connections. This compound will connect back to the SPT B4 transmission boundary, where SPT will continue the 132kV circuit back to Westfield Substation. For this, approximately 13km of 132kV single circuit OHL and 0.5km of 132km cable will be required from SHET.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2031
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-315 - New 275kV Substation (Forfar)	Scheme New 275kV Substation (Forfar)
Overview of Works New 275kV double busbar substation in the Forfar/Lunanhead area. The 275kV circuits between Kintore and Tealing (XT1/XT2) will connect in/out of this new 275kV substation.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2032
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-316 - Taynuilt - Craig Murrail 132kV Reinforcement	**Scheme** Taynuilt - Craig Murrail 132kV Reinforcement
Overview of Works At Craig Murrail, construct a new 132kV double busbar substation connected to the 275kV double busbar via 2x 480MVA super grid transformers (SGTs). Construction of a new 132kV double busbar substation near Glenlonan. Construction of a new 132kV double circuit tower line, built to 275kV specification to accommodate future growth, connecting Taynuilt to the Craig Murrail via the new substation near Glenlonan.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2035
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-317 - Crossaig North to Carradale 275kV Reinforcement	**Scheme** Crossaig North to Carradale 275kV Reinforcement
Overview of Works Creation of a new 275kV double busbar substation at Carradale, connecting to the 132kV double busbar (created as part of TORI SHET-RI-158) via 4x 480MVA 275/132kV super grid transformers (SGTs). Construct a new 275kV double circuit tower line, connecting the Crossaig North 275kV double busbar (created as part of TORI SHET-RI-130b) to the new Carradale 275kV double busbar.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2035
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-319 - New East Coast 132kV Substation	New East Coast 132kV Substation
Overview of Works New East Coast 132kV double busbar substation for coordination of new GSPs in the area.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-324 - New Keith 400/132kV Collector Substation	New Keith 400/132kV Collector Substation
Overview of Works Establish a new 132kV double busbar substation and a 400kV double busbar substation at a site near Keith, connecting 400kV circuits to Blackhillock 2 400kV Substation (SHET-RI-199) as part of the NOA BBNC/BPNC upgrade.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI	Scheme
SHET-RI-327 - Loch Buidhe Dalchork 132kV Collector Substation	Loch Buidhe Dalchork 132kV Collector Substation
Overview of Works Establish a new 132kV double busbar Collector Substation on the OHL between Dalchork 132kV Substation and Loch Buidhe 132kV Substation to accommodate the distribution generation and demand in the area.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-329 - New 33_132kV Collector Substation at Cassley GSP	**Scheme** New 33_132kV Collector Substation at Cassley GSP
Overview of Works Establishment of a 132kV double busbar complete with two bus couplers, one bus section, four feeder bays to connect to the 132kV line between Dalchork substation and Cassley GSP. One feeder bay to connect new customer, one for Circuit to Dalchork and one for connection to 132/33kV transformer at Cassley GSP. Additional feeder bay factored in for potential future connection.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2032
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	

TORI SHET-RI-330 - Coachford 400kV Substation Busbar Extension	**Scheme** Coachford 400kV Substation Busbar Extension
Overview of Works Extend the Coachford double busbar to include space provision for new 400 kV feeder bays.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2033
Summary of works in last quarter: Following detailed ground investigation works which revealed technical challenges at the site, we will no longer be proceeding with the construction of the proposed substation at Coachford as part of the Beauly to Peterhead 400kV overhead line project. The results of our ground investigation work created an opportunity to reassess how, when and where the objectives of Coachford could be delivered, taking future development opportunities in the area into consideration	
Summary of works in next quarter: Continue engagement with key stakeholders to explain changes and provide detailed updates regarding the revised scope of the project and what it means for them	
Additional Comments: N/A	

TORI SHET-RI-332 - 132kV OHL reinforcement between Cassley and Dalchork	**Scheme** 132kV OHL reinforcement between Cassley and Dalchork
Overview of Works Approx. 25km of 132kV OHL reinforcement between Cassley and Dalchork.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2032
Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments: N/A	