

Transmission Owner Reinforcement Instruction (TORI)

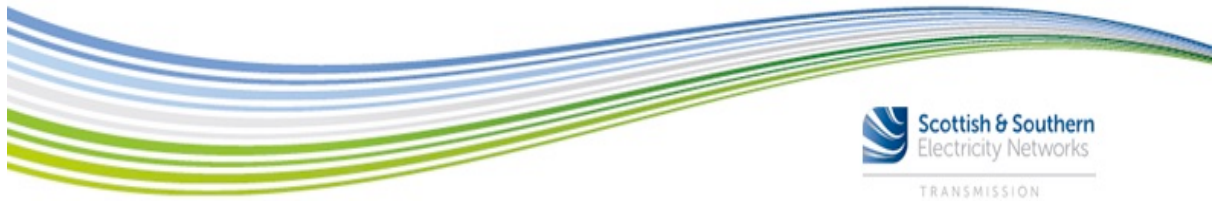
Quarterly Update Report



Scottish & Southern
Electricity Networks

September 2024 – December 2024

TRANSMISSION



Transmission Owner Reinforcement Instruction (TORI)

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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 SHET-RI-007a - Beauly - Blackhillock 400kV Double Circuit OHL	Scheme Beauly - Blackhillock 400kV Double Circuit OHL
Overview of Works Establish a new double circuit 400kV overhead line 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) and a new 400kV busbar at Blackhillock (Coachford Substation).	
Proposed Consent Submission	30/11/2024
Current Project Phase	Design
Next Project Phase	Consenting
Next Stakeholder Event	Final alignment information event – February 2025
Project Completion Date	31/10/2030
Summary of works in last quarter: Address outstanding statutory feedback through ongoing engagement and design adjustments and finalise alignment. Prepared Report on Consultation. Continue GI works. Complete final surveys to inform EIA.	
Summary of works in next quarter: Publish Report on Consultation. Complete final alignment public information events to communicate final tower positions with public and stakeholders. Prepare and finalise EIA. Continue GI works.	
Additional Comments: Project is being developed in parallel to SHET-RI-137 Blackhillock – New Deer – Peterhead 400kV OHL with shared project team. New Beauly 400kV Busbar (Fannelan) to be connected to is captured in scope of SHET-RI-007b. New Blackhillock 400kV Busbar (Coachford) to be connected to is captured in scope of TORI 199.	



TORI SHET-RI-007b - Beauly 400kV Busbar	Scheme Beauly 400kV Busbar
Overview of Works Busbar extension at the existing Beauly Substation.	
Proposed Consent Submission	tbc
Current Project Phase	Optioneering
Next Project Phase	Design
Next Stakeholder Event	tbc
Project Completion Date	Tbc
Summary of works in last quarter: SBAM submitted PMI to progress works under Fanellan substation. Site surveys being arranged for existing Beauly Substation and contractor reviewing scope requirements	
Summary of works in next quarter: Project site surveys to progress and outline design and optioneering planned.	
Additional Comments:	



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	30/11/2025
Summary of works in last quarter: Commencement of PST1 noise enclosure works.	
Summary of works in next quarter: Delivery of PST2 in December 2024 to Tealing Substation. Commence with erection and assembly of PST2.	
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. Overhead line PLI received positive outcome on 21 August 2024.
Current Project Phase	Execution
Next Project Phase	Operation
Next Stakeholder Event	
Project Completion Date	30/11/2027
Summary of works in last quarter: Blasting works will continue towards late 2024. Continue forming workers' compound area in preparation to land site offices/site stores in main compound area for late 2024. Placement of peat within borrow pit areas in line with project management plan. Commence workers' housing platform adjacent to site access track and junction with A819.	
Summary of works in next quarter: All blasting works have now concluded on the substation platform. Workers' compound will be completed early 2025. Project now commencing with foundation works and steelfixing on 132kV and 275kV buildings. OHL element of the project has commenced enabling works (forestry and private water supply sampling etc). Construction Start forecasted for March 2025.	
Additional Comments: N/A	



TORI SHET-RI-019 - Dounreay - Orkney 220kV Subsea HVAC Cable Link 1	Scheme Dounreay - 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: Project assessment has now been fully submitted to Ofgem. Construction works have commenced at Dounreay and Finstown substations, with planning and preparation works progressing for the land cabling and subsea cabling works, with archaeological mitigation trenching completed.	
Summary of works in next quarter: Completion of enabling works at both substations with progression onto main platform and foundation works. Cable system detail design to progress to support the associated civils scope. Cable duct civils contractor will mobilise and commence site set-up and access works.	
Additional Comments:	



TORI SHET-RI-025a - Peterhead-Rothienorman 400kV OHL upgrade	Scheme Peterhead-Rothienorman 400kV OHL upgrade
<p>Overview of Works</p> <p>The 275kV overhead lines 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).</p> <p>Replacement of the existing earth wire with Optical Path Ground Wire is required between New Deer and Rothienorman.</p>	
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
<p>Summary of works in last quarter:</p> <p>Close-out of remaining snagging works in preparation for Gate 5.</p>	
<p>Summary of works in next quarter:</p> <p>Planning of remaining snagging works and securing appropriate outage plan.</p>	
<p>Additional Comments:</p> <p>N/A</p>	



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 overhead line 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: <ul style="list-style-type: none"> Placed Part B contract for Peterhead 400kV GIS 3-bay extension. Start on site at Wren Hall and Peterhead (Peterhead on 1 October 2024). 132kV OHL outage for undergrounding and clearance of site for Lot 1. Peterhead Earthworks on Lot 1 commenced in North in November 2024. Wren Hall site works underway with compound erection, and platform started in November 2024. Archaeological Trial Trenching on southern cable route started. 	
Summary of works in next quarter: <ul style="list-style-type: none"> Mobilise onshore cable contractor to site on southern cable route to progress works. Progress Landfall HDD surveys. Continue platform earthworks and bund formations. Preparation for piling contractor across both Peterhead and Wren Hall. Archaeological trial trenching continues. Removal of final section of 132kV OHL work (April/May 2025). 	
Additional Comments: Compulsory Purchase Order for southern cable route likely to receive approval in Q1 2025 – awaiting final removal of Network Rail objection. 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
<p>Overview of Works</p> <p>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 Overhead line towers and installation of 132kV cable from new cable sealing end to existing 275kV substation.</p> <p>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.</p>	
Proposed Consent Submission	Complete
Current Project Phase	Project closure / handover
Next Project Phase	Gate 5 to Operations Q1 2025
Next Stakeholder Event	
Project Completion Date	06/12/2023
<p>Summary of works in last quarter:</p> <p>Close-out outstanding defects. Gate 5 and handover to SSEN Operation.</p>	
<p>Summary of works in next quarter:</p> <p>Ongoing close out of all snags and defects prior to Gate 5.</p>	
<p>Additional Comments:</p> <p>N/A</p>	



TORI SHET-RI-025d - North East Reinforcement	Scheme North East Reinforcement
<p>Overview of Works</p> <p>Re-insulate the 275kV double circuit overhead lines between Rothienorman – Blackhillock and Rothienorman - Kintore for 400kV operation.</p> <p>Remove the two line connected 400/275kV, 1200MVA SGTs from Blackhillock Substation. Install two new 400/275kV, 1200MVA at Kintore for terminating the Rothienorman to Kintore double circuit overhead line onto the 275kV busbar at Kintore.</p> <p>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 overhead line feeder bays from 275kV to 400kV.</p> <p>Upgrade the Surge Arresters and Capacitive Voltage Transformers on four existing overhead line feeder bays and three cable circuit bays from 275kV to 400kV at New Deer Substation and bring the whole substation to 400kV operating voltage.</p>	
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
<p>Summary of works in last quarter:</p> <p>Blackhillock: Close-out of snagging works in preparation for Gate 5.</p> <p>Kintore: The Contractor continues to focus their efforts on the closing out of all available snags and defects. Planned completion is ahead of Gate 5 in July 2025. The final commissioning remains outstanding, but is due for completion in December 2024.</p>	
<p>Summary of works in next quarter:</p> <p>Planning of remaining snagging works and securing appropriate outage plan.</p> <p>Kintore – Completion of snag and defect closure, along with the starting submission of the final records ahead of the Gate 5 planned for July 2025.</p>	
<p>Additional Comments: N/A</p>	



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: The project has completed key governance milestones, such as the Gate 2 DAR and HAZID, and has been developing Works Information for issue. Supply chain engaged to explore technical options.	
Summary of works in next quarter: Project will go through the remaining governance milestones such as the Project Evaluation Review and Stage Gate 2. Works Information to be issued.	
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 overhead line 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	Q2 2025
Project Completion Date	12/12/2029
Summary of works in last quarter: Winter bird surveys commenced in October to support the EIA required for the re-submission of the S37. Continued to liaise with the connecting developers in to Gills Bay to understand progress and help inform the required needs case submission for the project.	
Summary of works in next quarter: Continue bird surveys to support the EIA required for the resubmission of the S37. Continue to progress the regulatory submissions.	
Additional Comments: N/A	



TORI SHET-RI-033 - Second 2GW East Coast HVDC Link Peterhead to England	Scheme Second 2GW East Coast HVDC Link 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 (Current licence date - Material Scope Change submitted to amend to December 2033)
Summary of works in last quarter: Continue preparation of ITT pack for Work Package 3. Work Package 1 and 2 Tender Returns and Analysis. Submission of PPIp for Netherton Hub. Completion of northern cable ground investigations. Completion of marine survey activities.	
Summary of works in next quarter: Continue preparation of ITT for WP3 and commence negotiations with framework contractor. Continue analysis of WP1 and WP2 tender returns and enter BAFO stage. Continue to engage with all stakeholders through PPIp determination process. Finalise and freeze northern land cable alignment. Marine survey data analysis and preparation for marine licence submission.	
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 Q1 2025. Revised determination date for completion is December 2033.	



TORI SHET-RI-034 Inveranan 132kV QB	Scheme Inveranan 132kV QB
Overview of Works Supply and installation of power flow control devices to provide required power flow stability within local area network.	
Proposed Consent Submission	Autumn 2026
Current Project Phase	Development
Next Project Phase	Development
Next Stakeholder Event	TBC
Project Completion Date	31 October 2030
Summary of works in last quarter: Gate 1 to move to February 2025 as we review the best proposed technology to use at Inveranan. Awaiting system and operational reports to inform next steps. Good collaboration with other TOs over the works we are required to do on this shared site. Project safety review 1 completed in September 2024. All Ecology surveys done and detailed report will be required before construction phase.	
Summary of works in next quarter: Work with system planning and performance to ascertain the optimal option for Inveranan. Complete the transport study on both options. Work towards getting to Gate 1 of development on the timeline. Stakeholder engagement planned for February 2025.	
Additional Comments:	



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	Q3 2025
Current Project Phase	Passed Gate 1 in October 2023
Next Project Phase	Gate 2 February 2026
Next Stakeholder Event	PAC 1 date TBC
Project Completion Date	30/12/2030
Summary of works in last quarter: Project handed over to Offshore Development. GI and Peat Probing work scopes developed.	
Summary of works in next quarter: Peat Probing of proposed site. Design progression.	
Additional Comments: 	



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.	
Proposed Consent Submission	May 2030
Current Project Phase	Gate 0
Next Project Phase	Gate 1 - July 2025
Next Stakeholder Event	TBC
Project Completion Date	31/10/2030
Summary of works in last quarter: Route assessment and alignments. Confirm scope at Taynuilt Substation. Environmental surveys along routes options. Confirm no changes to land ownership.	
Summary of works in next quarter: Routing workshop planned for 03/12/2024 with a view to selecting the most viable route. Additional work to the down ends at Nant also considered along with the rebuild of the towers leg to Nant included. A site visit to the location is planned by the development team early in the 2025. Substantial Environmental surveys are required to be redone and developed along with Historical surveys. Optioneering for Loch crossing required with assessed wayleaves and land access rights. Substation expansion and scope to be worked on.	
Additional Comments: Stakeholder engagement TBC.	



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) February 2025
Next Stakeholder Event	n/a
Project Completion Date	24/06/2022
Summary of works in last quarter: Continue closing out minor snagging works and ongoing submission of completed as-built drawings; operations and maintenance manuals.	
Summary of works in next quarter: Gate 5 handover to Operations by completing minor snagging works; as-built drawings; operations and maintenance manuals.	
Additional Comments:	



TORI SHET-RI-053 - Shetland 600 MW HVDC Link and Kergord 132kV Substation	Scheme Shetland 600 MW HVDC Link and Kergord 132kV Substation
<p>Overview of Works</p> <p>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)</p> <p>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.</p> <p>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.</p>	
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 Q2 2025. Gate 5b, 12 May 2026 (post Island Import Tests November 2025) – requirement under this project being discussed.
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)
<p>Summary of works in last quarter:</p> <p>Working towards Gate 5 handover to Operations, including finalisation of minor defect works and as-built documentation. Outage took place in October 2024 to undertake the inspection schedule on the HVDC terminations, including visual inspection and gas analysis.</p>	
<p>Summary of works in next quarter:</p> <p>Outage booked in December 2024 to undertake the inspection schedule on the HVDC terminations, including visual inspection and gas analysis. Final outage required to implement permanent solution on the HVDC terminations.</p>	
<p>Additional Comments:</p> <p>N/A</p>	



TORI SHET-RI-058 - Beauly-Loch Buidhe 400kV OHL Reinforcement	Scheme 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	Spring 2025
Current Project Phase	Development (1-2)
Next Project Phase	Delivery/Refinement (2-3)
Next Stakeholder Event	Q1 2025
Project Completion Date	August 2030
Summary of works in last quarter Prepare Report on Consultation. Commence EIA assessment. Ongoing land discussions with impacted landowners.	
Summary of works in next quarter: Publish Report on Consultation. Commence ground investigation works. EIA assessment ongoing. Ongoing land discussions with impacted landowners. Final Alignment public events.	
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:	
Additional Comments:	



TORI SHET-RI-059 - Third 2GW East Coast HVDC Link Peterhead to England	Scheme Third 2GW East Coast HVDC Link 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 Overhead Line Reinforcement	Scheme Skye Overhead Line 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	30/11/2028
Summary of works in last quarter: The project has been undertaking design activities associated with the OHL, UGC and Substation packages. As well as design works, ground investigation works has commenced in the period. Project enabling works are ongoing in conjunction with the Highland Council's roads department, with significant improvements made to public road infrastructure. In addition to design and enabling works, the project has focused on preparing the relevant deliverables for discharging the anticipated consent conditions.	
Summary of works in next quarter: The project anticipates Section 37 consent will be determined by the Energy Consents Unit/Scottish Ministers in the quarter. Subject to Consent approval, the project will focus on discharging the associated pre-commencement conditions. Work will continue on the project enabling works, public road improvements, and the design works for substations, OHL and UGC packages.	
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: Works in the new GIS building continue to progress well, with the installation of protection and control panels, telecoms equipment and other building infrastructure nearing completion. The commissioning of the GIS and associated panels has started, and is due to be complete in the first quarter of 2025. The SGT4 interconnector has now been fully installed and energised, allowing the outage on STG6 as well as the construction of the new transformer bunds to commence. The existing SGT6 has now been dismantled and removed from site whilst the new unit is entering the final manufacturing stages. Pre-outage works will commence in the field adjacent to the live site, to install a section of high voltage cable, which will replace a section of overhead line.	
Summary of works in next quarter: The installation of protection and control panels will be complete. The installation of telecoms equipment and other building infrastructure will have progressed well. The new GIS equipment will be fully tested and nearing completion of the Stage 1 commissioning. The SGT6 outage will be ongoing, with the existing SGT4 coming out of service in February 2025. The two new transformers will be tested and delivered to site.	
Additional Comments: N/A	



TORI SHET-RI-065b - Beauly Third SGT Replacement	Scheme Beauly Third 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: N/A for the last reporting period.	
Summary of works in next quarter: N/A for the next reporting period.	
Additional Comments: N/A	



TORI SHET-RI-068 - Fort Augustus – Invergarry - 400/132kV Development	Scheme Fort Augustus – Invergarry - 400/132kV Development
<p>Overview of Works</p> <p>Upgrade the existing 132kV double circuit OHL between Fort Augustus and proposed Loch Lundie substation, near Invergarry with a new 400kV OHL.</p> <p>Establish a new 400/132kV substation near Invergarry to connect the existing local 132kV OHL infrastructure and connect contracted Coire Glas and Loch Fearn (Phase 1) HPS schemes.</p> <p>The new 400kV OHL will terminate into the 400kV busbar at Fort Augustus. The 400kV busbar is part of SHET-RI-064 works.</p>	
Proposed Consent Submission	30/03/26
Current Project Phase	Design/Consenting
Next Project Phase	Consenting
Next Stakeholder Event	Q1 2025
Project Completion Date	31 October 2029
<p>Summary of works in last quarter:</p> <p>Continued engagement with landowners. Development of EIA to support Loch Lundie Substation Town and Country Planning submission.</p>	
<p>Summary of works in next quarter:</p> <p>Continued engagement with landowners. Continued development of SEI related to base case S37. Development of EIA to support Loch Lundie Substation Town and Country Planning submission Submission of Loch Lundie TCP application</p>	
Additional Comments:	



TORI SHET-RI-069 - Kinardochoy Reactive Compensation	Scheme Kinardochoy Reactive Compensation
Overview of Works Reactive Compensation is required at a new Kinardochoy Substation for voltage support on the 275kV Beaully-Denny overhead line. 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 substation was successfully energised, and the reactive power compensation equipment, including the STATCOM and MSCDN, underwent successful on-load testing. This achievement marks the full energisation of the substation, enabling it to inject the necessary reactive power into the network to maintain voltage regulation.	
Summary of works in next quarter: The final records process for the project will be completed, along with commencement of the final landscaping around the wider substation site.	
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 Ellibster and a 132kV OHL Trident wood pole connection from Ellibster 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 SGTs	Scheme Blackhillock Additional 275/132kV SGTs
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	N/A
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: ITT will be sent to SGT supplier. Formal contractor engagement to commence initial works required for the project.	
Summary of works in next quarter: Contractor engagement will continue and development of programme and scope of work will be refined as SSE continue to review and assess the works with the engagement of Contractors. Ordering of long lead items will be prioritised and delivery slots will be secured.	
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 SHET-RI-079b - Blackhillock Additional 275/132kV SGTs	Scheme Blackhillock Additional SGTs
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: Awaiting conclusion of System Study to determine project next steps.	
Summary of works in next quarter: A System Study is being progressed and expected reach conclusion at the start of Q1 2025. The project is awaiting conclusion of the system study to determine whether this scheme will be required.	
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 SHET-RI-086 - Craig Murrail Switching Station	Scheme 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	28 January 2025
Project Completion Date	31/10/2028
Summary of works in last quarter: Tree felling works ongoing for peat restoration areas (will be completed by the end of the year). All conditions have been discharged and construction work at the substation is planned for November 2024.	
Summary of works in next quarter: Contractor has mobilised to site, with temporary site set established 18/11/2024. Peat restoration trials have commenced at the peat restoration area. Kilmory Community footpath works for workers' housing accommodation has been completed with walkover with councillors. This provides easy access for the Duncholgan Community caravan park residents.	
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: The project is currently under review.	
Summary of works in next quarter:	
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: Scope and works information being finalised. Presentation to framework contractors to gauge interest ahead of issuing tender late December/early January. Efacec design pack to be provided for review early January. Circuit Breaker orders placed.	
Summary of works in next quarter: Tenders returned. Gate 3 in March, then award contracts.	
Additional Comments:	



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 reconducted with UPAS conductor (1 x 300mm ²) 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:	
Additional Comments: N/A	



TORI SHET-RI-093 - East Coast Phase 2 - 400kV Reinforcement	Scheme 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 Scottish Power 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	31/10/2026
Summary of works in last quarter: Alyth Contract award and design phase to start in January 25. Early works at Blackhillock site include the dismantling of noise enclosures before the end of March 25. Fetteresso Works: The project has progressed well and as expected. Civils works have been ongoing and will continue until the end of this year. Main focus has been on the upper platform area. Design is ongoing and progressing. Kintore The project nears completion of the first two Gas Insulated Busbar (GIB) circuits to Fetteresso 1&2, completion will be just into the New Year. Both Overhead Line (OHL) circuits (XH1 and CDX2) have now been successfully replaced by two Underground Cable (UGC) and are both energised. OHL: The Project has made good progress in reconductoring the OHL route between Kintore, Fetteresso, Alyth and Kincardine substations in the previous quarter and will continue to do so until the end of 2024, utilising outages in place until w/c 9 th December.	
Summary of works in next quarter: Alyth: The Project to continue with the design phase, starting in January 2025 to upgrade all existing drawings from 275kv substation to 400kv to enable upgrade works to commence.	

Fetteresso Works:

The project to continue civils works, mainly the SGT bund and switchgear foundations on the lower platform area. Structures to be erected on new civils bases where possible. Design will continue to further progress.

Kintore:

Looking ahead to Q1 2025, the project will commence installation of the 400kV Gas Insulated Switchgear (GIS), continuing for most of the year. The project will also commence with the remaining four GIB circuits to SGT 4 and 5 and XR1 and 2.

OHL:

The Project will resume site works in the New Year, with access and enabling works in January 2025, ahead of outages commencing in February and reconductoring between Fetteresso, Alyth and Kincardine Substations. The Project will resume liaison with Scottish Power Transmission to ensure the safe and successful completion of works at the SSEN/ SPEN boundary.

Additional Comments:

Project under review



TORI SHET-RI-106b - Connagill second SGT	Scheme Connagill second 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	Refinement
Next Project Phase	Execution
Next Stakeholder Event	N/A
Project Completion Date	31 October 2026
Summary of works in last quarter: Appointment of Principal Contractor. Planning Application for welfare	
Summary of works in next quarter: Principal contractor to commence substation design	
Additional Comments: N/A	



TORI SHET-RI-107 - North Argyll - Inveraray Reinforcement	Scheme North Argyll - Inveraray Reinforcement
Overview of Works Reinforce the double circuit overhead line between North Argyll 275/132kV Substation (established as part of SHET-RI-013) and the existing Inveraray to Crossraig double circuit overhead (rebuilt as part of SHET-RI-050), approximately 2.8km from Inveraray.	
Proposed Consent Submission	Submitted
Current Project Phase	Refinement
Next Project Phase	Execution
Next Stakeholder Event	TBC
Project Completion Date	30 November 2028
Summary of works in last quarter: Conclude detailed design and commence felling of the overhead line operational corridor.	
Summary of works in next quarter: Finalise positions of overhead line towers and commence felling of overhead line operational corridor.	
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	01/07/2026
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 On Shetland install a new 132kV single circuit between the Kergord 132kV Substation (established as part of SHET-RI-053) and a new 132kV switching station on Yell, to enable the connection of renewable generation.	
Proposed Consent Submission	TBC
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	TBC
Project Completion Date	TBC
Summary of works in last quarter: Shetland Strategy being determined. Carrying out analysis of options to determine most economic and efficient solution.	
Summary of works in next quarter: Finalise and gain internal approval of Shetland Strategy.	
Additional Comments: Awaiting outcome of the Shetland Strategy.	



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 closed and final records submitted.	
Summary of works in next quarter: Outstanding defects closed and final records submitted.	
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: Progression on site is good, all plinths and towers are in place and Civils are 90% complete, FAT for Circuit Breakers has taken place and delivery to site expected w/e 20/12/2024, as are the disconnectors.	
Summary of works in next quarter: The Installation of all electrical plant and preparation for first stage commissioning	
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 reconducted 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: The current scope is being re-assessed. Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: The current scope is being re-assessed.	
Additional Comments: N/A	



TORI SHET-RI-123 - Shin - Loch Buidhe 132kV Reconductoring	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 overhead line between Shin Substation and Loch Buidhe Substation, with a minimum summer pre-fault rating of 348MVA. The existing 132kV overhead line will be dismantled following construction of the new replacement overhead line.	
Proposed Consent Submission	Q4 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: Identified draft alignment options. Commencement of ornithology surveys.	
Summary of works in next quarter: Progress with design development, assess options and determine a preferred alignment. Commence environmental and engineering related surveys.	
Additional Comments: N/A	



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 Coachford Substation. The link will have approximately 30km of land cable and 450km of subsea cable.	
Proposed Consent Submission	December 2027
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: Site selection for Northern Substation Hub ongoing. Kick off site selection for both landfalls.	
Summary of works in next quarter: Continue the above, and kick off Coachford site selection.	
Additional Comments: N/A	



TORI SHET-RI-128 – Caithness to Peterhead HVDC Link	Scheme Caithness to Peterhead HVDC Link
Overview of Works	
<p>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.</p>	
Consent Submission	Q4 2024
Current Project Phase	Development (Gate 1 -2)
Next Project Phase	Refinement (Gate 2 - 3)
Next Stakeholder Event	Q1 2025 - tbc
Project Completion Date	December 2028
Summary of works in last quarter:	
<p>Conclude land agreements for hub sites. Conclude remaining cable route surveys. Complete additional ground investigations at Netherton Hub. Progress crossing agreements with third party asset owners. Progress cable route land agreements. Submitted planning applications for both Netherton and Banniskirk (as part of multi-project strategy). Progress designs for converter stations and cable system.</p>	
Summary of works in next quarter:	
<p>Obtain cable route Heads of Terms agreements. Submit marine licence application. Obtain Crown Estate Scotland Option agreement for both nearshore areas. Support planning applications questions, challenges, objections including public events (as required). Continue design development of civils, buildings, cable system. Conclude additional GI at Netherton Hub. Progress to Gate 2 (internal governance).</p>	
Additional Comments:	
<p>No planned stakeholder events at this time. Await feedback from local authorities before arranging any events.</p>	



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: Switch gear order placed.	
Summary of works in next quarter: Place orders for construction works	
Additional Comments: TORI 089 Farigiag SGT2 replacement is the enabling works for TORI 129 Farigaig SGT1 replacement works. SGT2 energisation is approved as 26 th July 2026. This moves SGT1 energisation to 8 th December 2026.	



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 S/S). 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
Project Completion Date	31/10/2028
Summary of works in last quarter: Enabling works including tree felling in progress at An Suidhe north and Crarae South sites, as land deals are already concluded. Mobilisation of main contractor to complete as soon as the enabling works complete.	
Summary of works in next quarter: The main contractor to commence mobilization to both sites upon completion of enabling works. The plan is to complete site handover to contractor so that construction activities can start.	
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: The contractor mobilised to the site in May, and is progressing with the track installation and peat restoration areas. The first peat cells will be established in mid-September.	
Summary of works in next quarter: Project is progressing with the ground works on the main platform for Crossaig North. Four rock blast have been achieved to extract the rock for the track and the platform build. Drainage works are in progress at Crossaig North and South. Contractor is progressing with the peat restoration area where first cells of peat will be established in December. Workers' Housing Accommodation at Tarbert is well established.	
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 put on hold.	
Additional Comments: N/A	



TORI SHET-RI-134 – Beaully-Denny Second Circuit upgrade from 275kV to 400kV	Scheme Beaully-Denny Second Circuit upgrade from 275kV to 400kV
Overview of Works Upgrade the existing Beaully/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	Development
Next Project Phase	Refinement
Next Stakeholder Event	N/A
Project Completion Date	31/10/2029
<p>Summary of works in last quarter:</p> <p>Kinardochy Underground Cable (UGC) Progress will continue with the Early Contractor Engagement (ECE) phase and continue into an ECE+ Phase before Part A Works commence. A Public Event within the area will be set up to inform the public of the project and other relevant projects in the area.</p> <p>Fort Augustus Substation Evaluation of Part A tenders for substation and overhead line works. Continuation of Part A refinement phase activities including further preconstruction surveys. Return of SGT tenders from the supply chain.</p> <p>Cambushinnie (formerly Braco West) 400kV Substation Ground investigation work completed for the haul road. PAC1 Haul Road consultation event held with the residents in Braco November 2024. Red line boundary submitted as part of PAN. Substation design freeze achieved with Haul Road to follow late 2024/early 2025.</p> <p>Bingally (formerly Fasnakyle) 400/132kV Substation Further ground investigation surveys for the substation and associated access works to commence and be complete by early Q4 2024. Finalisation of Applications for Section 37 and Town & Country Planning for Substation and OHL works. Return of Part A tenders for substation and OHL, with commencement of Part A refinement design works.</p>	
<p>Summary of works in next quarter:</p> <p>Kinardochy Underground Cable (UGC)</p>	

Progress is continuing within the Early Contractor Engagement Plus (ECE+) phase as the project approaches Part A. The project team will hold a second Public Consultation Event -n the lead-up to preparing and submitting the Planning Application at the beginning of Q2.

Fort Augustus Substation

The Substation and OHL design process will continue with the commencement of the respective Part A design contracts. Procurement activities associated with key project equipment including Super Grid Transformers, Gas Insulated Switchgear and OHL materials will continue. The Preparation of OFGEM Project Assessment documentation will move forward significantly in preparation for submission in mid-2025.

Cambushinnie (formerly Braco West) 400kV Substation

Further ground investigation surveys for the substation and associated access works to commence and be complete by Q1 2025.

Submission of Applications for Section 37 and Town & Country Planning for Substation and OHL works in Q1 2025. Local planning application for haul road due to be submitted in Q2 2025.

Return of Part A tenders for substation and OHL, with commencement of Part A refinement design works.

PAC2 consultation event to be held in Braco March 2024.

Bingally (formerly Fasnakyle) 400/132kV Substation

Submission of Applications for Section 37 and Town & Country Planning for Substation and OHL works.

Commencement of Part A refinement design works for OHL and tie-ins.

Additional Comments:

N/A



TORI SHET-RI-134b – Fasnakyle Substation 132Kv Reinforcement	Scheme Fasnakyle Substation 132Kv Reinforcement
<p>Overview of Works</p> <p>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.</p> <p>Install two new 132/33Kv 120MVA GTs and connect them to the existing Fasnakyle GSP, via the appropriate switchgear.</p> <p>Upon completion of the build, decommission and remove the legacy 275Kv equipment and switchgear that is no longer required.</p>	
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
<p>Summary of works in last quarter:</p> <p>Further ground investigation surveys for the substation and associated access works to commence and be complete by early Q4 2024.</p> <p>Finalisation of Applications for Section 37 and Town & Country Planning for Substation and OHL works.</p> <p>Return of Part A tenders for substation and OHL, with commencement of Part A refinement design works.</p>	
<p>Summary of works in next quarter:</p> <p>Submission of Applications for Section 37 and Town & Country Planning for Substation and OHL works.</p> <p>Commencement of Part A refinement design works for OHL and tie-ins.</p> <p>Confirmation of preferred 132kV connection option and further works on the alignment stage.</p>	
<p>Additional Comments:</p> <p>N/A</p>	



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	Development
Next Project Phase	Refinement
Next Stakeholder Event	TBC
Project Completion Date	TBC
Summary of works in last quarter: Project taken off hold, as requirement to extend triggered by requirement for Blackhillock to Kintore Upgrade (BKUP). Scope under development.	
Summary of works in next quarter: Agreement of scope and commence initial kick-off activities.	
Additional Comments: Required to enable Blackhillock to Kintore Upgrade (BKUP).	



TORI SHET-RI-137 - Blackhillock-New Deer-Peterhead 400kV OHL	Scheme Blackhillock-New Deer-Peterhead 400kV OHL
Overview of Works Establish a new 400kV double circuit overhead line 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 Blackhillock, New Deer and Peterhead.	
Proposed Consent Submission	30/11/2024
Current Project Phase	Design
Next Project Phase	Consenting
Next Stakeholder Event	Final alignment information events – February 2025
Project Completion Date	31/10/2030
Summary of works in last quarter: Address outstanding statutory feedback through ongoing engagement and design adjustments and finalise alignment. Prepared Report on Consultation. Continue GI works. Complete final surveys to inform EIA.	
Summary of works in next quarter: Publish Report on Consultation. Complete final alignment public information events to communicate final tower positions with public and stakeholders. Prepare and finalise EIA. Continue GI works.	
Additional Comments:	



TORI SHET-RI-138 - New Deer 400kV Busbar Extension	Scheme New Deer 400kV Busbar Extension
<p>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.</p> <p>Additionally, Air Insulated Switchgear (AIS) scope up to cable sealing end for new connections will be added to scope.</p>	
Proposed Consent Submission	N/A
Current Project Phase	Refinement
Next Project Phase	Execution
Next Stakeholder Event	N/A
Project Completion Date	Q3/Q4 2026 (current scope of works)
<p>Summary of works in last quarter: Part A commenced 28/11/24. GIB optioneering exercise to be completed with a three-way interface – currently ongoing. Gate 3 deliverables have been drafted and are in review. Gate 3 PSR has been requested for week commencing 10/02/2025. Continuous interface meetings with Customer Connection.</p>	
<p>Summary of works in next quarter: Finalise plan for cable route. Continued Part A Design work with contractors.</p>	
<p>Additional Comments: Works to be delivered as two separate contracts – GIS Supply and separate installation contractor. There are a number of additional instructions required, which link to new substation specifications.</p>	



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 - Two 1GW HVDC Links	Scheme Caithness to New Deer 2 - Two 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 24km 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: Continued with the overhead line installation and completed the main phase of the wiring works. Installation of the underground cable system and fit-out and installation works at the Gremista grid supply point continued to make good progress.	
Summary of works in next quarter: Complete quality checks on the overhead line. Continue with the installation of the underground cables, ducting and cable jointing. Continue with the installation of the mechanical and electrical equipment at the Gremista grid supply point, including the delivery and installation of the two grid transformers.	
Additional Comments: N/A	



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	30/09/2024
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	Q1 2024 (PAC1 event)
Project Completion Date	31/10/2029
Summary of works in last quarter: Completed EIA. Preparation and submission of Town & Country Planning Application – submitted on 9th December. Part A Contract engagement with Principal Contractor.	
Summary of works in next quarter: Commence Part A contract with Principal Contractor. Progress landowner agreements.	
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	Q3 2024
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	June 2024
Project Completion Date	29/06/2029
Summary of works in last quarter: Part-A Works Info Issue and Part-A costing received from contractor. EIA completed and consent submitted for Town & Country Planning. Heads of Terms for land agreed. Gate 2 Governance.	
Summary of works in next quarter: Further ground investigation surveys for the substation and associated access works to commence Q4 2024 or Q1 2025. Complete ECE design. Part-A Design Works to commence. Finalise land agreement and submit CPO.	
Additional Comments: N/A	



TORI SHET-RI-148 - Alyth – Tealing 400kV Re-Insulation	Scheme Alyth – Tealing 400kV Upgrade
Overview of Works Reconductor, reinsulate and any necessary upgrades to the 275kV double circuit overhead line between Alyth and Tealing for 400kV operation.	
Proposed Consent Submission	November 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: Award Part A Detailed design contract. EIA submission. Section 37 submission. Progression of ECE+ phase with detailed access maps, EPZ locations updated. PRI scope brought forward and progressed. All clearance infringement, EMF reports finalised. Programme development and resourcing progressed as project moves towards Gate 2. Part A WI issued. Gate 2 Governance.	
Summary of works in next quarter: Complete ECE design. Start Part A design and execute Part A design contract. Finalise all wayleaves and LO agreements. Complete any required conductor testing.	
Additional Comments: N/A	



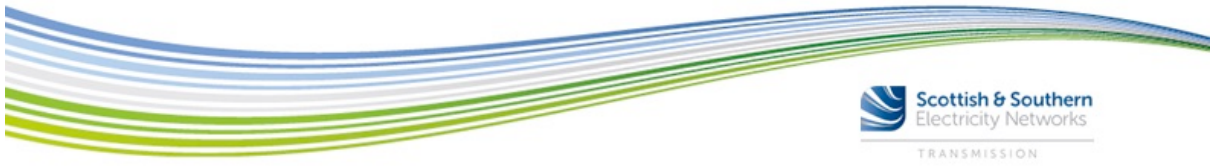
TORI SHET-RI-149 - Tealing – Glenrothes Westfield 400kV Rebuild	Scheme Tealing – Glenrothes Westfield 400kV Upgrade
Overview of Works Reconductor, reinsulate and any necessary upgrades to the 275kV double circuit overhead line between Tealing and Glenrothes-Westfield for 400kV operation.	
Proposed Consent Submission	November 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: EIA submission Section 37 submission Progression of ECE+ phase with detailed access maps, EPZ locations updated. PRI scope brought forward and progressed. All clearance infringement, EMF reports finalised. Programme development and resourcing progressed as project towards Gate 2 Part A WI issued Gate 2 Governance.	
Summary of works in next quarter: Complete ECE design. Start Part A design and execute Part A design contract. Finalise all wayleaves and LO agreements. Complete any required conductor testing.	
Additional Comments: N/A	



TORI SHET-RI-150 - Inverguie Tee – Peterhead 132kV Reconductoring	Scheme 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 reconducted with a conductor capable of a minimum summer pre-fault rating of 226MVA.	
Proposed Consent Submission	Not required
Current Project Phase	Refinement
Next Project Phase	Execution
Next Stakeholder Event	Not required
Project Completion Date	7/11/2025
Summary of works in last quarter: Progress project through the next governance phase. Progress the detailed design works.	
Summary of works in next quarter: Progress project through the next governance phase. Complete the design phase Contract award to all third-party contractors.	
Additional Comments: N/A	



TORI SHET-RI-151 - Peterhead – St Fergus 132kV Line Works	Scheme Peterhead – St Fergus 132kV Line Works
Overview of Works Overhead line 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, 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:	



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.	
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: Has been on hold due to Shetland Strategy.	
Summary of works in next quarter: Engage supplier for system studies.	
Additional Comments:	



TORI SHET-RI-153 - Spittal 2 400kV Substation	Scheme Spittal 2 400kV Substation
Overview of Works Construct a new 400kV substation 'Spittal 2' close to the existing Spittal 275 kV Substation in Caithness.	
Consent Submission	November 2024
Current Project Phase	Development (Gate 1-2)
Next Project Phase	Delivery/Refinement (Gate 2-3)
Next Stakeholder Event	No further planned
Project Completion Date	31/10/2028
Summary of works in last quarter: Submit planning. Progress detailed design.	
Summary of works in next quarter: Progress in to detailed design	
Additional Comments: N/A	



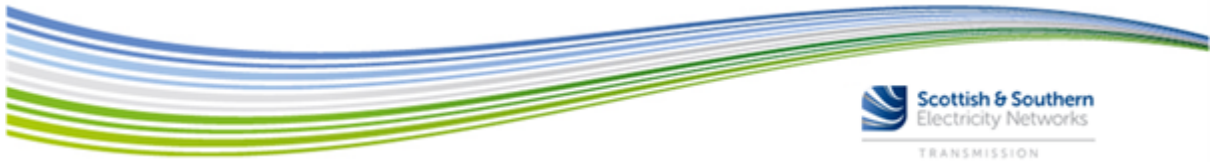
TORI SHET-RI-155 - Peterhead - Persley Tee 275kV Works	Scheme Peterhead - Persley Tee 275kV Works
Overview of Works Overhead line works to bring the VP 275kV overhead line circuit to ground, including any required tower modifications. Design and installation of one 275kV bus bar, including a circuit 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 ground investigation works at site.	
Summary of works in next quarter: Conclusion of overhead line connection arrangement with Developer.	
Additional Comments: N/A	



TORI SHET-RI-157 - Alcemi Score 2 Substation 400kV Switchgear	Scheme Alcemi Score 2 Substation 400kV Switchgear
Overview of Works Overhead line 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 engagement with Customer.	
Summary of works in next quarter: Continued engagement with customer.	
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: Continuation of high-level project development, along with initial internal governance activities.	
Additional Comments:	



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: Ongoing preparation of System Requirements Document.	
Summary of works in next quarter: Engineering scope review.	
Additional Comments:	



TORI SHET-RI-165 - Alcemi Substation 400kV Switchgear	Scheme Alcemi Substation 400kV Switchgear
Overview of Works Overhead line 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 engagement with customer.	
Summary of works in next quarter: Continued engagement with customer.	
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.	



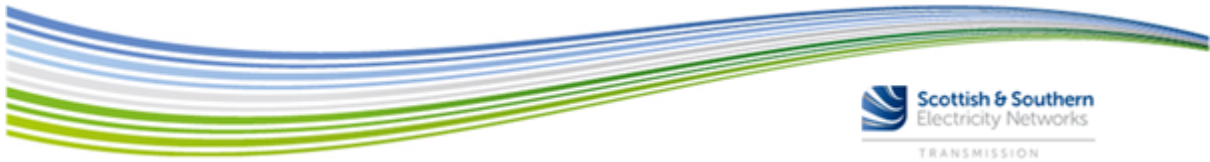
TORI SHET-RI-166 - Tealing – Arbroath 132kV Line Works	Scheme Tealing – Arbroath 132kV Line Works
Overview of Works Overhead line works to bring the 132kV circuit to ground, including any required modifications. Design and installation of one 132kV circuit breaker with two 132kV disconnectors and associated protection and control equipment.	
Proposed Consent Submission	January 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: Gate 2 Governance activities.	
Summary of works in next quarter: Submit SC37 for OHL.	
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: Ongoing assessment with internal workshops completed and technical memo prepared.	
Summary of works in next quarter: Technical Memo to undergo internal reviews and conclude next steps for project.	
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 overhead line 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: Works information being finalised to appoint contractor for Part A design.	
Summary of works in next quarter: Contractor appointment and progression of Part A designs and deliverables. Continued engagement and discussions with Local Authority and ECU over progression of consents. Landowner agreements to be progressed and concluded where possible.	
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 (Gate 0-1)
Next Project Phase	Development (Gate 1-2)
Next Stakeholder Event	TBC
Project Completion Date	31/10/2029
Summary of works in last quarter: Ongoing high-level assessment of potential substation site locations.	
Summary of works in next quarter: Initial engagement with public bodies.	
Additional Comments:	



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: Continuation of high-level project development, along with initial internal governance activities.	
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 from Keith 132kV Substation to Pauls Hill Substation, and then turn in the Pauls-Hill/Glenfarclas circuit to Blackhillock 132kV Substation. This includes the Tee connection onto the FK circuit to facilitate the connection of both Craig Watch and CorreenHills wind farms. Hard Tee is not a preferred solution following new policy. A study is being carried out by the collaboration between project team and system planning to review feasibility of a switching station instead of the current Tee point or connecting above mentioned wind farms to a new build 220kV collector substation. Outcome of such study expected by the end of 2024.	
Proposed Consent Submission	July 2026
Current Project Phase	Opportunity
Next Project Phase	Development
Next Stakeholder Event	TBC
Project Completion Date	30/06/2027
Summary of works in last quarter: Developing scope, cost and programme for a switching station to support the study, which is carrying out by the collaboration between project team and system planning to review feasibility of a switching station instead of the current Tee point, or connecting above mentioned wind farms to a new-build 220kV collector substation.	
Summary of works in next quarter: Developing preferred connection proposal	
Additional Comments:	



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 2025
Current Project Phase	Opportunity
Next Project Phase	Development
Next Stakeholder Event	Mid 2025
Project Completion Date	31/10/2028
Summary of works in last quarter: Held public event, future optioneering,	
Summary of works in next quarter: Continue optioneering, begin GI, begin transport assessment.	
Additional Comments:	



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	
Project Completion Date	31/07/2028
Summary of works in last quarter: Planning in principle submitted. GIS OEM Selected.	
Summary of works in next quarter: Refine current design to reflect GIS and SGT OEM selection.	
Additional Comments: N/A	



TORI SHET-RI-180 - Second 400kV Peterhead Substation	Scheme 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	
Project Completion Date	31/07/2028
Summary of works in last quarter: Planning in principle submitted. GIS OEM Selected.	
Summary of works in next quarter: Refine current design to reflect GIS and SGT OEM selection.	
Additional Comments: N/A	



TORI SHET-RI-182 - Loch Buidhe to Banniskirk 400kV Reinforcement	Scheme 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	Q1 2025
Project Completion Date	August 2030
Summary of works in last quarter: Prepare Report on Consultation. Ground investigation works ongoing. Commence EIA assessment. Ongoing land discussions with impacted landowners.	
Summary of works in next quarter: Publish Report on Consultation. EIA assessment ongoing. Ongoing land discussions with impacted landowners. Final Alignment public events.	
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 - 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	November 2024
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	August 2024
Project Completion Date	29/10/2027
Summary of works in last quarter: Undertaken asbestos surveys. Clarified classification of assets. Developed substation and civils designs. Undertaken tender process for demolition contractor.	
Summary of works in next quarter: Submit planning application for consent. Engage Demolition contractor. Complete initial GI works. Progress optioneering activities.	
Additional Comments:	



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
Current Project Phase	Optioneering
Next Project Phase	Development
Next Stakeholder Event	TBD
Project Completion Date	31/08/2029
Summary of works in last quarter: Site selection process ongoing.	
Summary of works in next quarter: Site selection process ongoing.	
Additional Comments: Another project is in close proximity to the site. Reviewing scope to facilitate both connections in one S/S.	



TORI SHET-RI-185- Kintore - Tealing 400kV OHL	Scheme TKUP - Kintore - Tealing 400kV OHL
Overview of Works Establish a new 400 kV double circuit overhead line between Kintore 400 kV Substation and Tealing 400 kV Substation.	
Proposed Consent Submission	Q1/Q2 2025
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	Q1 2025
Project Completion Date	31/10/2030
Summary of works in last quarter: Obtain Feedback from public and statutory bodies and address by ongoing engagement and design adjustments to finalise alignment. Initial drafting of Report on Consultation. Continue Ground Investigation works. Complete final surveys to inform EIA.	
Summary of works in next quarter: Finalise Alignment incorporating feedback from public and statutory consultation events, and hold final consultation events to communicate this update to stakeholders. Progress Environmental Impact Assessment in preparation for submission of Section 37 notice. Commence land negotiations with impacted landowners.	
Additional Comments:	



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: Further site selection, engineering studies, land referencing and environmental reports.	
Summary of works in next quarter: Continuation of site selection, engineering studies, land referencing and environmental reports and preparation for public consultations.	
Additional Comments:	



TORI SHET-RI-188-St Fergus to New Deer 2 132kV Reinforcement	Scheme 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 overhead line 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 currently on hold and might not be required in the future.	
Summary of works in next quarter: N/A	
Additional Comments: 	



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 SHET-RI-191 - Strathy Switching Collector Station Connagill-Strathy double circuit OHL	Scheme 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	November 2024 (Phase 1)
Current Project Phase	Opportunity Assessment/Development
Next Project Phase	Refinement
Next Stakeholder Event	N/A
Project Completion Date	31/07/2029
Summary of works in last quarter: Complete EIA and required surveys. Engagement of contracting partner for Part A works. Planning application submission (Phase 1).	
Summary of works in next quarter: Planning application submission (Phase 2). Award of contracting partner for Part A works. Project Refinement.	
Additional Comments: N/A	



TORI SHET-RI-193 - Western Isles 1.8GW HVDC Link	Scheme 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	February 2025
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	Q1 2025 - TBC
Project Completion Date	April 2031
Summary of works in last quarter: Held second consultation event for new convertor and substation site on Lewis (PAC2). Completed GI Works on Lewis for new convertor station/substation site. Completed GI Works on mainland for underground cable route. Progressed EIA on Lewis for converter station/substation site. Progressed crossing agreements with third party asset owners. Progressed designs for converter stations and cable system. Progressed application for amendment to Marine Licence for offshore cable. Issued tenders for Marine Geotechnical Survey (Boreholes) at landfalls.	
Summary of works in next quarter: Finalise securing the land for new converter and substation site on Lewis. Complete EIA on Lewis for converter station/substation site and submit Planning Application. Finalise alignment of mainland cable route. Complete Environmental Appraisal (EA) of mainland cable route and Lewis cable route. Progress cable route land agreements including issue of Necessary Wayleaves. Submit amendment to Marine Licence for offshore cable. Progress to Gate 2 (internal governance).	
Additional Comments: No planned stakeholder events at this time. Await feedback from local authorities before arranging any events.	



TORI SHET-RI-194 - Beauly 2 400kV Switching Station	Scheme Beauly 2 400kV Switching Station
Overview of Works A new 400kv substation, close to the existing Beauly Substation.	
Proposed Consent Submission	Autumn 2024
Current Project Phase	Design
Next Project Phase	Planning Application submission and Design
Next Stakeholder Event	10 October 2024
Project Completion Date	2030
Summary of works in last quarter: Continue design refinement to secure voluntary negotiations. Submission and negotiation on permanent and temporary land take requirements with landowner. Progression of THC engagement for Black Bridge replacement requirements. GI started at Black Bridge and discussions with THC on consenting route for bridge. Progression of EIA chapters towards legal review.	
Summary of works in next quarter: Black Bridge GI works progressing. Platform GI works due to start January 2025 and progress through first half of the year. Ongoing land negotiations and compensation cost discussions. Submission of S37 and T&C planning consent.	
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 Beaully (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 Beaully.	
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:	



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 – April 2028
Next Stakeholder Event	TBC
Project Completion Date	31/10/2034
Summary of works in last quarter:	
Summary of works in next quarter: Project will be assigned to a project team.	
Additional Comments:	



TORI SHET-RI-197 - Kintyre to North Wales HVDC Link	Scheme 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: On Hold.	
Summary of works in next quarter: On Hold.	
Additional Comments:	



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: On hold.	
Summary of works in next quarter: On hold.	
Additional Comments:	



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	21/04/2025
Current Project Phase	Refinement
Next Project Phase	Delivery
Next Stakeholder Event	N/A
Project Completion Date	31/10/2028
Summary of works in last quarter: <ul style="list-style-type: none"> - Multiple workshops have been held to understand and review options for dealing with the pyrite risk on site. - The project is now progressing a raised platform design option, which significantly reduces any potential interface with unoxidized pyrite on site. 	
Summary of works in next quarter: <ul style="list-style-type: none"> - Additional GI works being undertaken. - ECE+ phase has been extended due to the project redesign as part of pyrite mitigation. - Part A Contract award. - Secure land agreements. 	
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	Development
Next Project Phase	Refinement
Next Stakeholder Event	No further planned
Project Completion Date	31/07/2029
Summary of works in last quarter: Submit planning. Secure land agreements. Progress detailed design.	
Summary of works in next quarter: Limited felling and ground investigation works to finalise the design of the platform for the substation Completion of previous early contractor engagement contract and enter a new contract for detailed design.	
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	
Current Project Phase	
Next Project Phase	
Next Stakeholder Event	
Project Completion Date	31/10/2030
Summary of works in last quarter: Undertake ground investigations to refine design.	
Summary of works in next quarter: Carry out PART A detailed design.	
Additional Comments:	



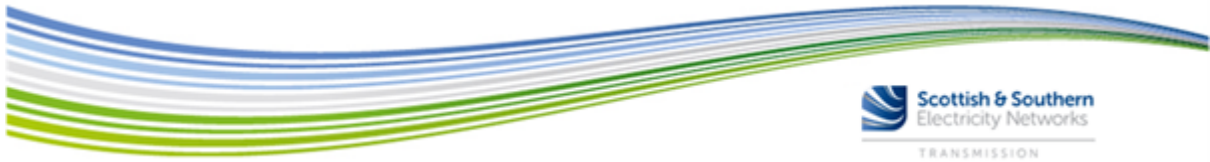
TORI SHET-RI-202 – East Coast Onshore 400kV Substation	Scheme Hurlie 400kV Substation
Overview of Works Establish a new 400kV substation within close proximity of Fetteresso substation.	
Proposed Consent Submission	Q3/Q4 2024
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	June 2024
Project Completion Date	31/10/2031
Summary of works in last quarter: Submission of Town & Country (T&C) Planning for substation. Progress and conclude Environmental Impact Assessment in preparation for T&C submission. Progress discussion with landowner.	
Summary of works in next quarter: Return of Part A tenders for substation with commencement of Part A refinement design works. Further ground investigation surveys for the substation and associated access works to commence Q4 2024 or Q1 2025. Secure land agreements.	
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 SHET-RI-203 - Fetteresso 132kV Busbar Works	Scheme Fetteresso 132kV Busbar Works
Overview of Works	
Add a bus section to the Fetteresso 132kV busbar.	
Proposed Consent Submission	September 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: Site selection process well developed with identification of 5 potential options – concluded by Dec 2024. Initial engineering design with progression of AIS and GIS options Initial site surveys to start EIA/EA process	
Summary of works in next quarter: Gate 1 Governance Completion of site selection process. Cost analysis of AIS vs GIS. Development of Design incorporating all incoming connections.	
Additional Comments:	



TORI SHET-RI-205 - New East Coast 275kV Substation	Scheme New East Coast 275kV Substation
<p>Overview of Works</p> <p>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.</p> <p>Decommissioning of the existing 132kV single circuit overhead line 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 SGTs and ancillary equipment and potential four future feeder bays.</p> <p>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.</p> <p>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 overhead line between Brechin 275 kV substation and Brechin 132 kV substation</p>	
Proposed Consent Submission	N/A
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	30/06/2032
<p>Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.</p>	
<p>Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.</p>	
<p>Additional Comments:</p>	



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	TBC
Current Project Phase	Opportunity Assessment
Next Project Phase	Development
Next Stakeholder Event	TBC
Project Completion Date	31/10/2030
Summary of works in last quarter: Continuation high-level project development, along with initial internal governance activities. Undertake this alongside existing Development projects in the Fyrish area to ensure a holistic approach is taken.	
Summary of works in next quarter: Continuation high-level project development.	
Additional Comments:	



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: Progression on site is good, all plinths and towers are in place and Civils are 90% complete, FAT for Circuit Breakers has taken place, and delivery to site expected 20/12/2024, as are the disconnectors.	
Summary of works in next quarter: The installation of all electrical plant and preparation for first stage commissioning.	
Additional Comments:	



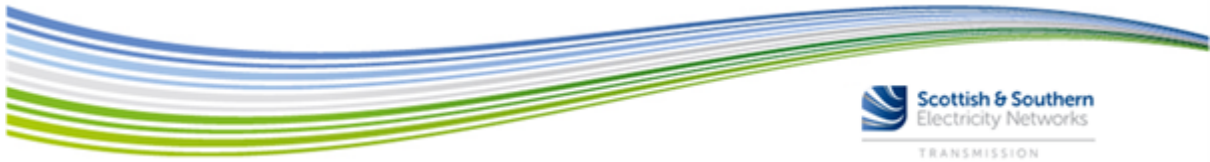
TORI SHET-RI-213 - Car Duibh 275kV Substation and OHL Works	Scheme Car Duibh 275kV Substation and OHL Works
Overview of Works Construction of the new Car Duibh 275kV Substation and a 275kV 5km double circuit tower line, connecting into the proposed Creag Dhubh - An Suidhe - Craig Murrail 275kV double 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: 	



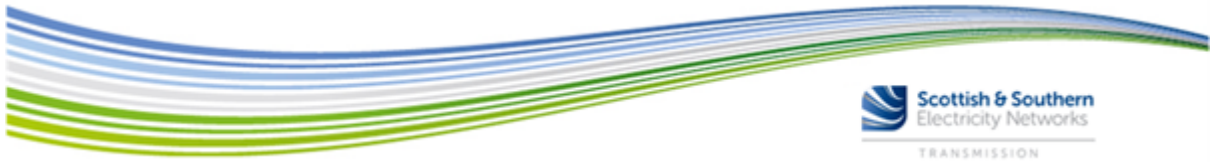
TORI SHET-RI-221 - Macduff to Blackhillock 132kV Works	Scheme Macduff to Blackhillock 132kV Works
Overview of Works Establish a new 132kV Tee point of the Macduff to Blackhillock 132kV HMN circuit. Upgrade 4.7km of 132kV OHL on the Macduff to Blackhillock 132kV HMN circuit to a minimum summer pre-fault 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: The project has developed the programme and estimated costs and commenced project Development works.	
Summary of works in next quarter: Undertake engineering surveys and continue project development works.	
Additional Comments:	



TORI SHET-RI-222 - Longmorn Energy Park Substation and OHL Works	Scheme Longmorn Energy Park Substation and OHL Works
<p>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.</p> <p>This construction arrangement will turn this into a Clash Gour - Longmorn - Blackhillock 275kV circuit.</p>	
Proposed Consent Submission	TBC
Current Project Phase	Initial Internal Governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBC
Project Completion Date	15/08/2031
<p>Summary of works in last quarter: Continuation of high-level project development, along with initial internal governance activities.</p>	
<p>Summary of works in next quarter: Continuation of high-level project development, along with initial internal governance activities.</p>	
Additional Comments:	



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: Continuation of high-level project development, (Engineering scope development).	
Summary of works in next quarter: Engineering scope preparation and tender process	
Additional Comments:	



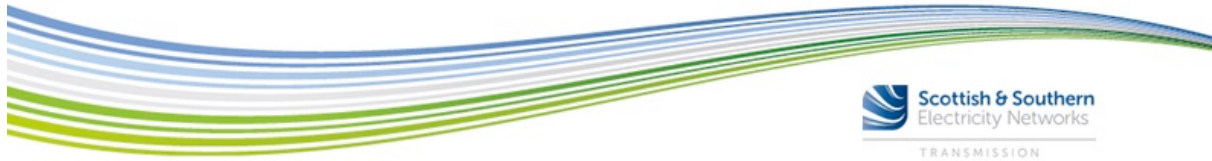
TORI	Scheme
SHET-RI-224 – Alness 2 GSP 275kV Reinforcement	Alness 2 GSP 275kV Reinforcement
Overview of Works	
Establish a new 275 kV loop in connection of the FYL2 circuit between Fyrish and Loch Buidhe for the connection of a new Alness 2 275/33 kV GSP substation.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2030
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:	



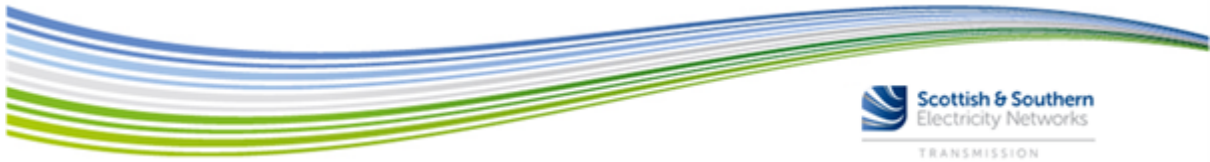
TORI SHET-RI-226 - Craigiebuckler to Tarland 132kV Line Works-V1	Scheme Craigiebuckler to Tarland 132kV Line Works-V1
Overview of Works Establish a new 132kV Tee point of the Craigiebuckler to Tarland CLS circuit. This will require three 132kV line disconnectors and one 132kV line circuit breaker. Additionally, 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:	



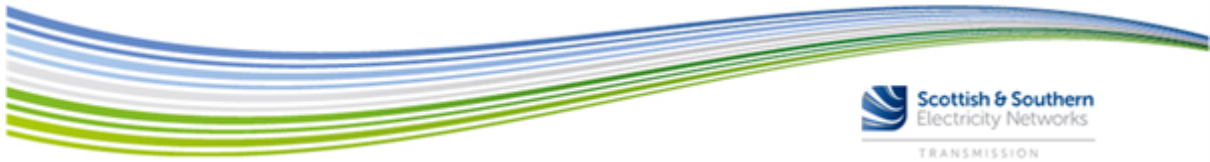
TORI SHET-RI-230 - Dalchork to Loch Buidhe 132kV second Double Circuit	Scheme Dalchork to Loch Buidhe 132kV second Double Circuit
Overview of Works Construction of approximately 17 km 132kV double circuit between Dalchork - Loch Buidhe substations with same rating OHLs as of existing double circuit i.e. 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:	



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	Optioneering
Next Project Phase	Refinement
Next Stakeholder Event	TBD
Project Completion Date	31/03/2025
Summary of works in last quarter: Continuation of high-level project development, including the development of Protection and Control Scope of Works.	
Summary of works in next quarter: Further refinement of project scope, including site surveys; identifying materials to be ordered and confirming lead times etc.	
Additional Comments:	



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 Arnish Substation, and the Balallan switching station.	
Proposed Consent Submission	October 2026
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: Project being prepared for transfer from Onshore Development to Offshore Development teams.	
Summary of works in next quarter: Project handover to Offshore Delivery team members completed, and progress of bringing project online will be reviewed.	
Additional Comments:	



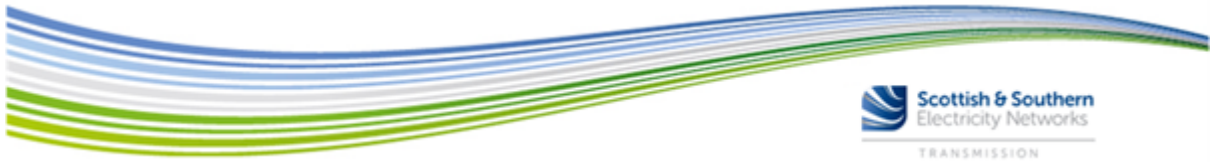
TORI SHET-RI-235 - Knocknagael 275kV Reserve Bus Section Circuit Breaker	Scheme Knocknagael 275kV Reserve Bus Section Circuit Breaker
Overview of Works Install a reserve bus section circuit breaker at Knocknagael 275kV substation.	
Proposed Consent Submission	N/A
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	31/10/2032
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:	



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:	



TORI SHET-RI-237 - Coupar Angus - Clunie 132kV Works	Scheme 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 process underway.	
Summary of works in next quarter: Site selection still ongoing – confirmation of site requirements ongoing.	
Additional Comments:	



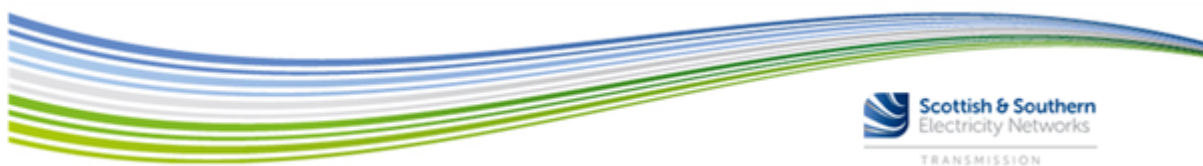
TORI SHET-RI-238 – New 275kV Connagill Substation	Scheme New 275kV Connagill Substation
Overview of Works New 275kV Connagill Substation	
Proposed Consent Submission	N/A
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
Next Stakeholder Event	TBD
Project Completion Date	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:	



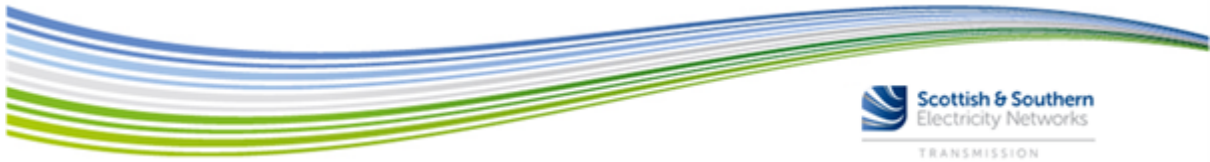
TORI SHET-RI-240 - Morar 400kV Substation	Scheme Morar 400kV Substation
Overview of Works Construct a new 400kV breaker and a half substation complete with six 400kV circuit turn in to connect the new substation to the Transmission system	
Proposed Consent Submission	TBD
Current Project Phase	Initial 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:	



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 SGT (1200MVA) at Peterhead for Peterhead CCGT, and two 400kV PSTs (2349MVA) for PFC at Newmacher 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: Continuation of high-level project development, along with initial internal governance activities.	
Summary of works in next quarter: Continuation of high level project development and internal governance activities. Work will begin for site selection activities for Peterhead SGT and Newmacher substation with associated site selection activities to be undertaken alongside engineering and environmental reviews.	
Additional Comments:	



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:	



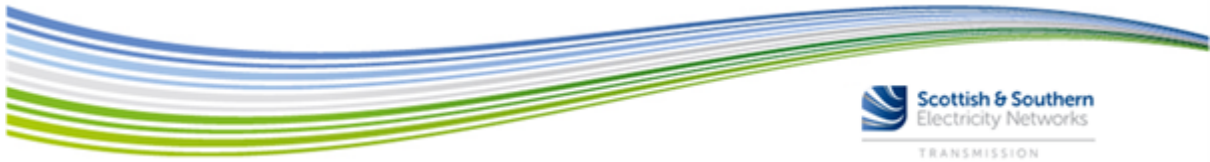
TORI SHET-RI-245 – Kintore to Craigiebuckler-Tarland Tee Point Upgrade	Scheme Kintore to Craigiebuckler-Tarland Tee Point Upgrade
Overview of Works Kintore-Craigiebuckler/Tarland Tee Point Overhead line 132kV Upgrade.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
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:	



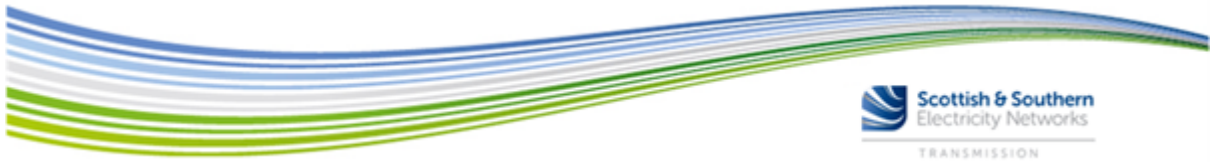
TORI SHET-RI-246 - Garlogie 275kV Substation	Scheme Garlogie 275kV Substation
Overview of Works Establish a new 275kV substation with a single 275kV busbar near the Garlogie area. Installation of a new 275kV bay at Kintore 275kV substation. This bay availability will be subject to HNDFUE, where it is 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 overhead line 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:	



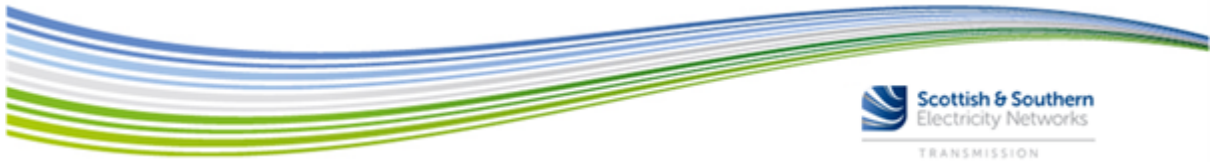
TORI SHET-RI-247 – Mossy Hill T-Connection	Scheme Mossy Hill T-Connection
Overview of Works This project is for the construction of a new Mossy Hill 132kV substation, near Lerwick. Mossy Hill Substation will be tee-connected into the 132kV underground cable (UGC) KG circuit between Kergord 132kV GIS Substation and Gremista Grid Supply Point (GSP) near Lerwick.	
Proposed Consent Submission	N/A
Current Project Phase	Development/Design Freeze (Gate 2), also see SHET-RI-143 - Kergord - Gremista GSP 132kV Infrastructure for current status on 132kV Kergord-Gremista line construction.
Next Project Phase	Refinement
Next Stakeholder Event	TBD
Project Completion Date	30/11/2028
Summary of works in last quarter: The project achieved design freeze, passing internal governance gate (gate 2).	
Summary of works in next quarter: Award Part A (Design only) contract to achieve design refinement.	
Additional Comments: Costs have been updated following re-estimation of costs using most recent tender prices.	



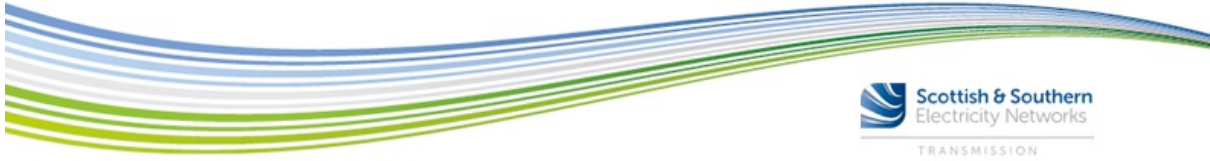
TORI SHET-RI-249 – Highland BESS 132kV Substation and Cable Works	Scheme Highland BESS 132kV Substation and Cable Works
Overview of Works Construction of the new Highland BESS 132kV Substation and a 132kV 1km double cable circuit, connecting into the Tomatin – Boat of Garten 132kV circuit in a turn in 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:	



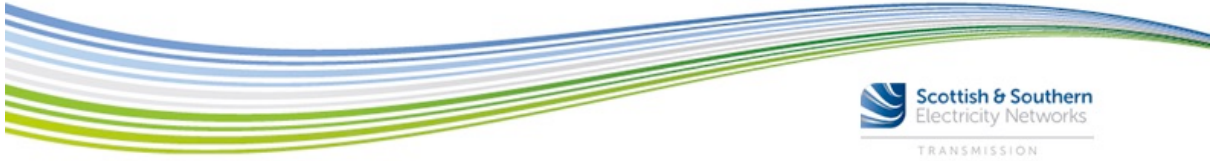
TORI SHET-RI-251 – Pollie Hill Wind Farm Tee	Scheme Pollie Hill Wind Farm Tee
Overview of Works Construct a new Tee point onto one side of the existing 275kV circuits (LNG2) between Loch Buidhe Substation and Connagill Substation.	
Proposed Consent Submission	N/A
Current Project Phase	Initial internal 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:	



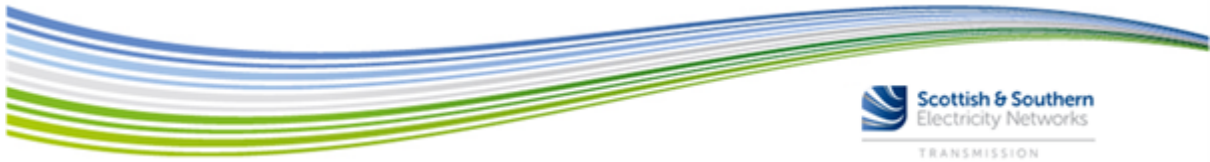
TORI SHET-RI-252 – Kilbraur North Wind Farm Line Extension	Scheme Kilbraur North Wind Farm Line Extension
Overview of Works The existing 275kV LNG2 line between Loch Buidhe and Connagill Substation will be extended to the new Kildraur North Wind Farm 275kV Substation.	
Proposed Consent Submission	N/A
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: Appoint formal project team and commence initial optioneering works.	
Additional Comments:	



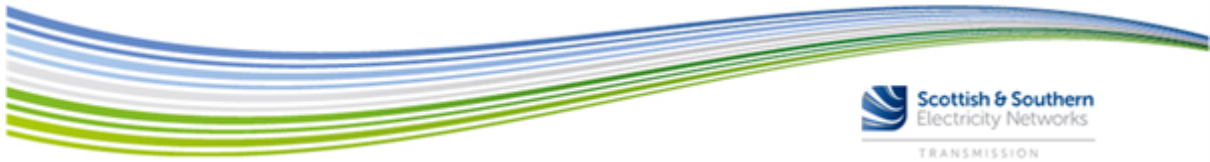
TORI SHET-RI-255 - Abernethy 400kV Substation	Scheme Abernethy 400kV Substation
Overview of Works Construct a new 400kV busbar to facilitate the connection of a new 400/33kV GSP at Abernethy	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
Next Project Phase	Optioneering
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:	



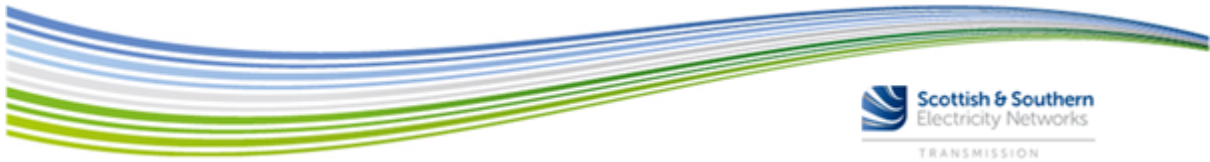
TORI SHET-RI-256 - Peterhead 2 400kV Busbar Extension	Scheme Peterhead 2 400kV Busbar Extension
Overview of Works Extend the 400kV double busbar with space provision for a minimum of one additional bay, at Peterhead 2 400kV Substation.	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal 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:	



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:	



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:	



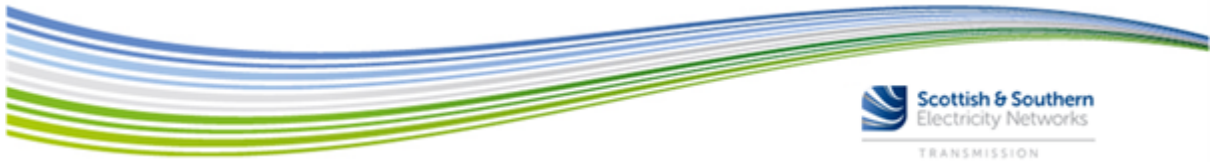
TORI SHET-RI-260 – Tealing 132kV Extension	Scheme Tealing 132kV Extension
Overview of Works All civil and protection works required to extend the Tealing Substation compound to allow the Tealing 132kV busbar to be extended for the installation of additional 132kV bays.	
Proposed Consent Submission	TBD
Current Project Phase	Optioneering
Next Project Phase	Development
Next Stakeholder Event	TBD
Project Completion Date	31/10/2028
Summary of works in last quarter: Initial engineering and environmental survey. Project resource allocation. Determined control room capacity. Explored opportunities to provide additional bays to allow for future connections.	
Summary of works in next quarter: Develop substation design. Carry out EIA/EA surveys and assessments. Work towards Gate 1 governance.	
Additional Comments:	



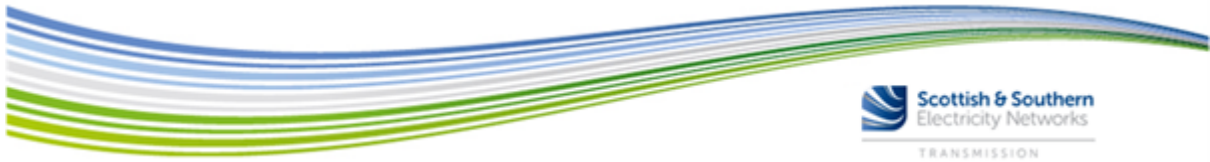
TORI SHET-RI-262 - New East Coast 400kV Substation	Scheme New East Coast 400kV Substation
Overview of Works Establish a new 400kV substation on the east coast between Tealing and Glenrothes/Westfield to facilitate connection of Generation Station.	
Proposed Consent Submission	TBD
Current Project Phase	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:	



TORI SHET-RI-264 - Coupar Angus 2 - Birkhill Tee 132kV Upgrade	Scheme 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 team to be assigned and start project development.	
Summary of works in next quarter: Project team to be assigned and start project development.	
Additional Comments: Project currently being reviewed.	



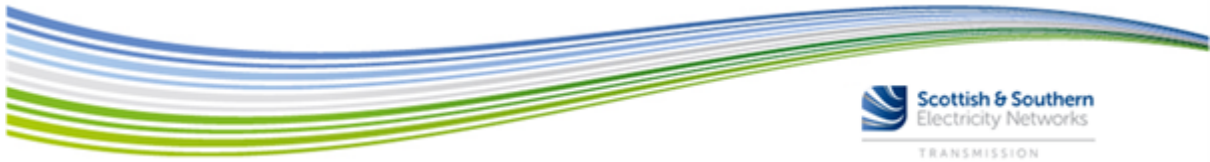
TORI	Scheme
SHET-RI-266 – New North East 275kV Substation	New North East 275kV Substation
Overview of Works	
Establish a new 275kV double busbar substation between Blackhillock 275kV – Kintore 275kV Substations connecting existing circuits in a loop in/out arrangement.	
Proposed Consent Submission	TBD
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:	



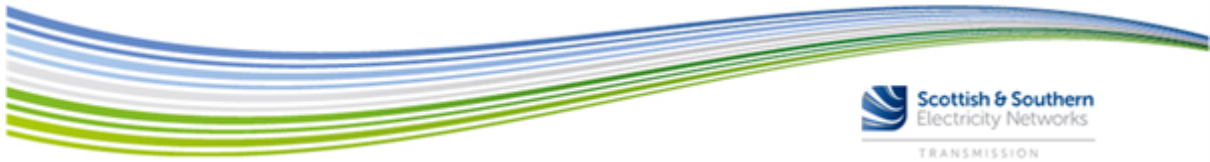
TORI SHET-RI-268 – 275kV Dounreay 2 Substation	Scheme 275kV Dounreay 2 Substation
Overview of Works Construct a new 275kV double busbar Dounreay 2 Substation with at least seven bays (and three for future) approximately 3km away from existing 275kV Dounreay Substation in between existing Dounreay – Thurso 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:	



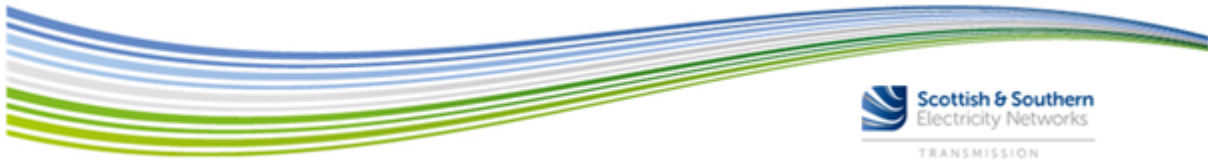
TORI SHET-RI-269 - Alyth 400kV Satellite Substation	Scheme Alyth 400kV Satellite Substation
Overview of Works Construction of a new satellite substation near Alyth 400kV connected to Alyth via a cable connection to an existing bay, facilitating the connection of multiple users.	
Proposed Consent Submission	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:	



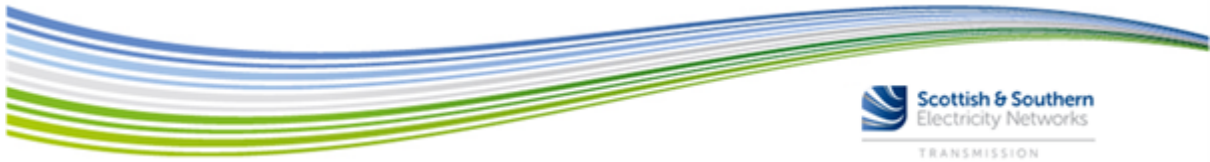
TORI SHET-RI-271 – North Logiealmond Substation 132kV Switchgear	Scheme North Logiealmond Substation 132kV Switchgear
Overview of Works Construct a new 132kV substation compound and loop into the Errochty to Charleston 132kV OHL circuits (GP1/GP2).	
Proposed Consent Submission	TBD
Current Project Phase	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:	



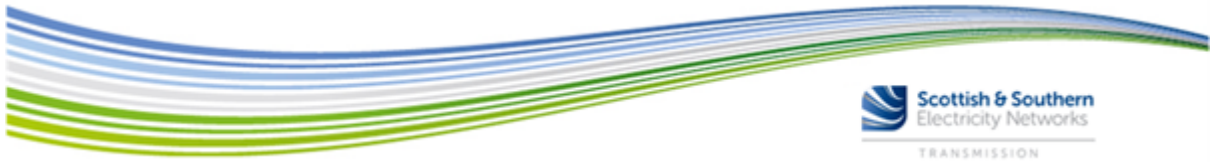
TORI SHET-RI-272 – 400/132kV Corriemoillie 2 Substation	Scheme 400/132kV Corriemoillie 2 Substation
Overview of Works Construct a new substation almost 3 km away from the existing 132 kV Corriemoillie Substation with 400kV and 132 kV busbars. Install 2 x 480 MVA, 400/132 kV SGTs at this new substation. 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:	



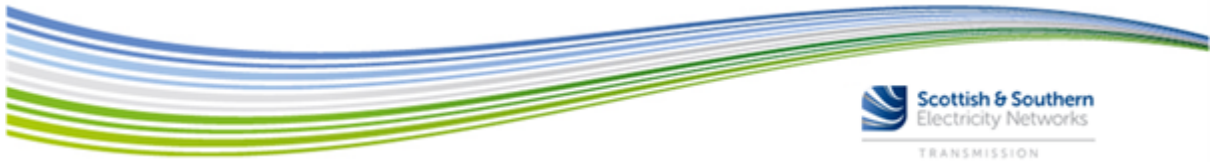
TORI SHET-RI-274 – Lynemore Wind Farm Substation and OHL Works	Scheme Lynemore Wind Farm Substation and OHL Works
Overview of Works Construction of the new Lynemore 132kV Substation, connecting into the Tomatin – Boat of Garten 132kV 'MAG2' circuit in a turn-in arrangement. This construction arrangement 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:	



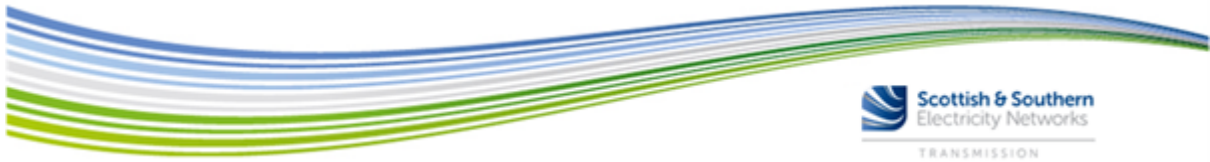
TORI SHET-RI-275 – Shin 2 Tee and OHL Works	Scheme Shin 2 Tee and OHL Works
Overview of Works Construction of Switching Station and OHL reinforcement/ construction to support the Tee connection from the new GSP "Shin 2".	
Proposed Consent Submission	TBD
Current Project Phase	Initial internal governance
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:	



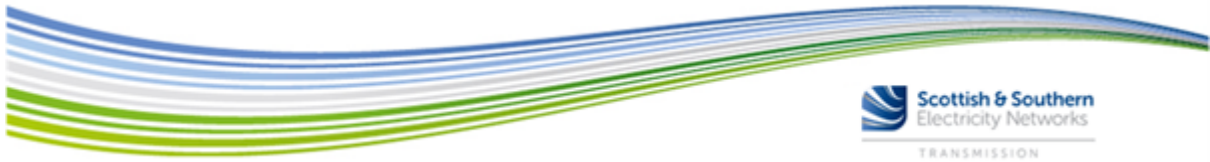
TORI SHET-RI-278- New Craigiebuckler 132kV Substation	Scheme New Craigiebuckler 132kV Substation
Overview of Works This TORI proposes the construction of a new 132kV double busbar at a new site near the existing Craigiebuckler 132/33kV GSP.	
Proposed Consent Submission	TBD
Current Project Phase	Initial 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:	



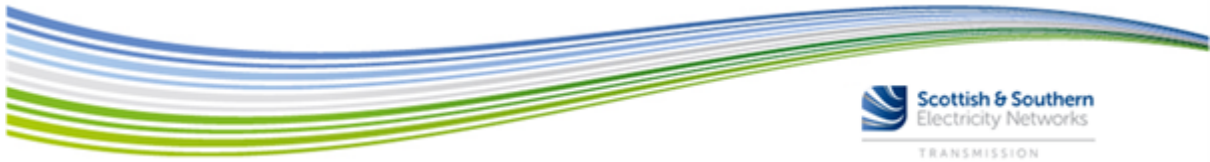
TORI SHET-RI-282 – Blackhillock – Cairnford – Kintore 400kV Upgrade (BKUP)	Scheme Blackhillock – Cairnford – Kintore 400kV Upgrade (BKUP)
Overview of Works Upgrade the existing 275kV circuits between Blackhillock, Cairnford and Kintore to 400kV.	
Proposed Consent Submission	TBC
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	TBC
Project Completion Date	31/10/2032
Summary of works in last quarter: Project confirmed to be proceeding within tCSNP, but potentially subject to competition.	
Summary of works in next quarter: Scope to be defined and programme developed.	
Additional Comments:	



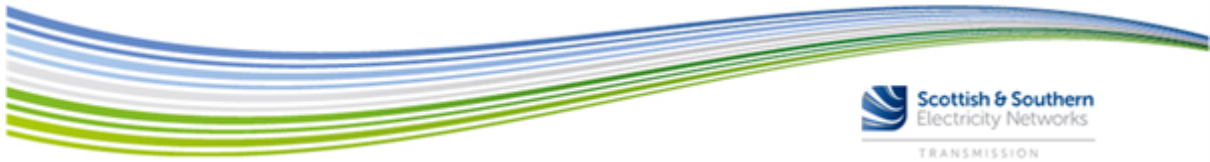
TORI SHET-RI-283 - Corrymuckloch 400kV Substation	Scheme Corrymuckloch 400kV Substation
Overview of Works Construct a new 400kV substation on the Beauly Denny line between Kinardochy and Denny. The location is expected to be between towers 307 and 308 on the existing line, near to the village of Corrymuckloch.	
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:	



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:	



TORI SHET-RI-285 – Scatsta 132kV Substation	Scheme Scatsta 132kV Substation
Overview of Works For this new substation three 132kV circuits are required between the Scatsta 132kV substation and Kergord 132kV substation.	
Proposed Consent Submission	TBC
Current Project Phase	Opportunity
Next Project Phase	Development
Next Stakeholder Event	TBC
Project Completion Date	TBC
Summary of works in last quarter: Shetland Strategy re-looking at voltage and number of circuits. Concluding in January 2025.	
Summary of works in next quarter: Conclude Shetland Strategy and seek internal approval.	
Additional Comments: Awaiting outcome of Shetland Strategy to confirm circuit requirement.	



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	January 2025
Current Project Phase	Development
Next Project Phase	Refinement
Next Stakeholder Event	TBC
Project Completion Date	31/07/2028
Summary of works in last quarter: Progress the EA for the submission of the planning application in Q1 2025. Continued 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:	



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:	



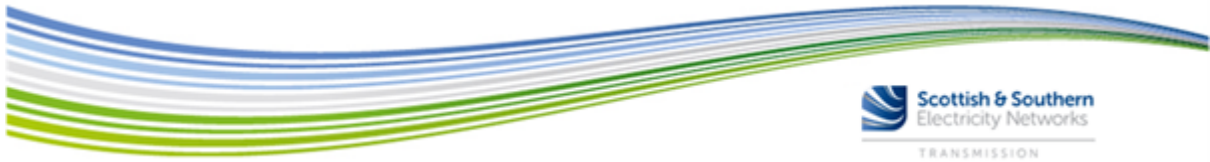
TORI SHET-RI-289 - Arbroath 2 GSP Tee	Scheme Arbroath 2 GSP Tee
Overview of Works Establish two new 132kV Tee points of the TAN/TAS circuits between Arbroath GSP and Tealing 132kV for the connection of a new Arbroath 2 132/33kV GSP substation.	
Proposed Consent Submission	TBD
Current Project Phase	Initial 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:	



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: As above	
Additional Comments:	



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:	



TORI SHET-RI-304 – Shared Double Circuit to Taynult	Scheme Shared Double Circuit to Taynult
Overview of Works Construction of a new double circuit 132kV tower line from Dunach 132kV substation to Taynult 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:	