

TRANSMISSION

June 2021

Transmission Owner Reinforcement Instruction (TORI) Quarterly Update Report Q2 April 2021 – June 2021

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Transmission Owner Reinforcement Instruction (TORI) Quarterly Update Report Q2 April 2021 – June 2021

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 contacts as Enabling Works or Wider Works.

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

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

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



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| TORI | Scheme | |
|---|--|--|
| SHET-RI-007a - Beauly - Blackhillock 400 kV Double Circuit OHL | Beauly - Blackhillock 400 kV Double Circuit OHL | |
| Overview of Works: Establish a new double circuit 400kV overhead li Blackhillock. The new OHL is connected to the Be GIS busbar. | ne approximately 130km from Beauly to eauly 400kV AIS busbar and the Blackhillock 400kV | |
| Project Completion Date | 31/12/2027 | |
| where the project has been given a proceed signal. Summary of works in next quarter: Project assigned to development team to begin initial optioneering works. | | |
| Additional Comments: N/A | | |



| TORI | Scheme | |
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| SHET-RI-007b - Beauly 400 kV Busbar | Beauly 400 kV Busbar | |
| Overview of Works: | | |
| Construct a new 400kV GIS double busbar at Beau | uly substation and interface with the existing | |
| 275kV busbar. The 400kV double busbar is to comprise of one bus section breaker, two bus | | |
| couplers, and feeder bays for circuit connections. | | |
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| Project Completion Date | 30/03/2027 | |
| Summary of works in last quarter: | | |
| See TORI-042 | | |
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| Summary of works in next quarter: | | |
| See TORI-042 | | |
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| Additional Comments: | | |
| See TORI-042 | | |
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| TORI | Scheme | |
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| SHET-RI-009 - East Coast Onshore 275kV | East Coast Onshore 275kV Upgrade | |
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| Upgrade Overview of Works: | | |
| Establish new busbar at Alyth, to be built at 400kV but initially operate at 275kV, with reactive compensation support. Now includes Errochty Thermal Relay Works scope. | | |
| Re-profile the existing Kintore-Tealing-Kincardine 275kV circuits and the existing Tealing-Westfield- Longannet 275kV circuits for higher temperature operation. | | |
| Install 275kV Phase shifting transformers on each of the Kintore – Tealing circuits (XT1/XT2) at Tealing substation. | | |
| Project Completion Date | 31/10/2023 | |
| Summary of works in last quarter: Engage with appointed Contractors in design phase for both the new Substation and the OHL Re- profiling works. Conclude preparations to allow mobilisation for main works in Q2 (April 21 onwards). | | |
| Summary of works in next quarter: | | |
| Complete design refinement phase and progress with main works on both the Alyth Substation and | | |
| the East Coast 275kV overhead line circuit contracts. | | |
| Tealing Substation: Phase Shifting Transformer works remain in development. | | |
| Additional Comments: N/A | | |



| TORI | Scheme | |
|---|--|--|
| SHET-RI-013 - North Argyll Substation | North Argyll Substation | |
| Overview of Works: | | |
| Establish a new 275/132 kV Substation in N | North Argyll near the existing Inveraray/Taynuilt 132 kV | |
| line route with two 480 MVA 275/132 kV transformers. Space provision only is to be provided for | | |
| additional feeder bays. | | |
| Establish a new 275 kV double circuit OHL between North Argyll and Dalmally Substations. | | |
| Project Completion Date 30/04/2025 | | |
| Summary of works in last quarter: | | |
| Overhead Line Alignment Selection Study h | has been completed for revised route at Dalmally. | |
| EIA Scoping Report was submitted to Scott | tish Government. | |
| Summary of works in next quarter: | | |
| Stakeholder Consultation to be completed for Preferred Alignment. | | |
| Public Consultation Events to be held. | <u> </u> | |
| Scottish Government's EIA Scoping Option to be received. | | |
| Section 37 application to build and operate a new OHL between North Argyll and Dalmally to be | | |
| prepared. | | |
| Town & Country Planning Applications for Creag Dhubh (North Argyll) substation to be prepared. | | |
| Additional Comments: | | |
| N/A | | |
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| TORI | Scheme | |
|---|--|--|
| | Dounreay - Orkney 220kV Subsea HVAC Cable | |
| SHET-RI-019 - Dounreay - Orkney 220kV Subsea HVAC Cable Link 1 | Link 1 | |
| | | |
| Overview of Works: | | |
| Establish a 220kV HVAC circuit over a distance of | | |
| substation at Dounreay on the mainland and the | • | |
| on Orkney. The HVAC circuit comprises of approx | | |
| cable. Voltage Compensation devices will be insta | alled at both cable ends within the substation | |
| compounds at Dounreay and Finstown. | | |
| Project Completion Date | 30/04/2025 | |
| Summary of works in last quarter: | | |
| Continue engagement with Orkney developers re | garding progress to 135MW requirement. | |
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| Summary of works in next quarter: | | |
| Continued engagement with Orkney developers. | | |
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| Additional Commenter | | |
| Additional Comments: | | |
| N/A | | |
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| TORI | Scheme | |
|---|---|--|
| SHET-RI-020 - Dounreay - Orkney 220kV Subsea | Dounreay - Orkney 220kV Subsea HVAC Cable | |
| HVAC Cable Link 2 | Link 2 | |
| Overview of Works: | | |
| Establish a second 220kV Subsea HVAC circuit over | er a distance of approximately 68km between the | |
| 275kV GIS substation at Dounreay on the mainlar | nd and the new 132kV substation in the vicinity | |
| of Finstown on Orkney. The HVAC circuit compris | es of approximately 15km of land cable and | |
| 53km of subsea cable. Voltage Compensation dev | vices will be installed at both cable ends within | |
| the substation compounds at Dounreay and Finstown. Finstown Substation is established as part | | |
| of SHET-RI-019. | | |
| Project Completion Date | 30/04/2025 | |
| Summary of works in last quarter: | | |
| Project on hold. | | |
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| Summary of works in next quarter: | | |
| Project on hold. | | |
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| Additional Comments: | | |
| N/A | | |
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| TORI | Scheme | |
|--|---|--|
| SHET-RI-025a - Peterhead-Rothienorm | han 400 Peterhead-Rothienorman 400 kV OHL upgrade | |
| kV OHL upgrade | | |
| Overview of Works: | | |
| | eterhead, New Deer and Rothienorman (Rothienorman | |
| substation established as part of SHET-RI-105) are constructed for 400kV operation. Reinsulate approximately 47km of OHL to 400kV operation and put into service between the new 400kV | | |
| | SHET-RI-025c) and the new 400kV substations at New Deer | |
| and Rothienorman (both transitioned | • | |
| | ······································ | |
| Replacement of the existing earth wire | e with OPGW is required between New Deer - | |
| Rothienorman. | | |
| Project Completion Date | 30/09/2023 | |
| Summary of works in last quarter: | | |
| Please see project update for SHET-RI-025d North East 400kV Reinforcement. | | |
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| Summary of works in next quarter: | | |
| Please see project update for SHET-RI-025d North East 400kV Reinforcement. | | |
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| Additional Comments: | | |
| N/A | | |
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| TORI | Scheme | |
|---|-----------------------------------|--|
| SHET-RI-025b - Eastern Subsea HVDC Link | Eastern Subsea HVDC Link | |
| Overview of Works: | • | |
| Install a 2GW HVDC link between Peterhead (S | HE-Transmission) and Drax (NGET). | |
| This TORI describes the SSENT works. | | |
| HVDC cables to be routed into the sea, then south towards the North East of England in NGET's | | |
| license area. | | |
| Project Completion Date | 31/10/2029 | |
| Summary of works in last quarter: | · | |
| Ongoing Seabed Survey Works. | | |
| Recommendation from Ofgem regarding Initial | Needs Case submission. | |
| Ongoing offshore and onshore environmental | assessment works. | |
| Ongoing onshore Engineering investigation wo | rks. | |
| Summary of works in next quarter: Ongoing Seabed Survey Works. Consultation and final decision on Initial Needs Case following Ofgem publication. Ongoing offshore and onshore environmental assessment works. Ongoing onshore Engineering investigation works. Development of Engineering specifications for future tendering works. Final Needs Case progressing for submission in Q4 2021. | | |
| Additional Comments: N/A | | |



| TORI | Scheme | |
|---|--|--|
| SHET-RI-025c - Peterhead 400 kV Busbar | Peterhead 400 kV Busbar | |
| Overview of Works: | | |
| new 1200MVA 400/275kV supergrid Transforme | xisting 275kV substation at Peterhead. Install two ers and approx. 500m of 275kV cable between the nr. Two new Overhead line towers and Installation sisting 275kV sub station. | |
| Modify the existing 275 kV substation and busba works. The existing 275/132kV supergrid transfo circuit reference VX1 will be banked with the new | ormer SGT1 which is currently connected to line | |
| Project Completion Date | 31/10/2023 | |
| Summary of works in last quarter: Continuation on foundation works for sub station GIS and SGT buildings, drainage and perimeter fence installation to platform. Installation of sub station ducting, septic tank and bund formation. Cable sealing end compound civils works are nearing completion with all foundations now completed and perimeter fencing and gates installed. 132kV cable route has seen the successful completion of the horizontal directional drilling under the Shell pipeline and over the SSEG gas pipeline by way of duct installation. Duct installation also completed towards existing 275kV sub station perimeter fence line. Various design interface meetings held with SGT supplier ongoing fortnightly. | | |
| Summary of works in next quarter: Continuation of main civil works on new sub stat poured, future duct installations, fencing erectio adjacent house. 132kV underground cable installation is planned installation within the existing 275kV sub station First outage for 132kV OHL to UGC transfer plan | on, perimeter road construction and demolition of for Q3 2021 subject to completion of duct | |
| Additional Comments: N/A | | |



| TORI | Scheme | |
|---|--------------------------|--|
| SHET-RI-025d - North East Reinforcement | North East Reinforcement | |
| Overview of Works: | | |
| Re-insulate the 275kV double circuit overhead lines between Rothienorman – Blackhillock and | | |
| Rothienorman - Kintore for 400kV operation. | | |
| 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. | | |
| Install two 400/132kV, 240MVA SGT's and two 132/33kV, 120MVA GTs to connect the | | |
| Rothienorman GSP to the 400kV Rothienorman Busbar. | | |
| | | |
| Project Completion Date | 31/10/2023 | |
| Summary of works in last quarter: | | |
| OHL Works - Award Construction Contract and mobilise to site ahead of outages commencing in | | |

OHL Works - Award Construction Contract and mobilise to site ahead of outages commencing in June 2021. Discharge Pre-commencement conditions. Prepare and issue tender documentation for the Substation scope of works.

Kintore SGT Works – Transformer tender conclusion, continuation of the initial design works for the compound, achieved approval to progress to execution phase (including funding authorisation).

Rothienorman Substation Works - Procurement activities to conclude with preferred bidders identified. Project to obtain approval to progress to execution phase, including funding authorisation.

New Deer Substation Works - Awaiting completion of substation framework procurement.

Summary of works in next quarter:

OHL Works - OHL works now underway between New Deer and Peterhead. Pre-commencement conditions still to be discharged with Moray Council, however this is not an issue for the schedule and are expected this quarter. Issue tender documentation for the Substation scope of works.

Kintore SGT Works – Start execution phase with contract awards for both substation and transformers. Commence bulk earthworks on site and detailed design of the substation.

Rothienorman Substation Works - Start execution phase with contract awards for both substation and transformers. Commence detail design of substation works and start manufacture of transformers.

New Deer Substation Works - Commence procurement activities for the substation and continue interface works for the Northeast Reinforcement and developer

Additional Comments: N/A



| TORI | Scheme | |
|---|---|--|
| SHET-RI-026 - Blackhillock 275 kV QBs | Blackhillock 275 kV QBs | |
| Overview of Works: | | |
| At Blackhillock, install 2 x 865MVA (continuous ra | ating) 275kV quadrature boosters with bypass on | |
| the existing 275kV circuits (AH1/HO2) to Knocknagael, rearranging the circuit terminations as | | |
| appropriate. | | |
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| Project Completion Date | 31/10/2026 | |
| Summary of works in last quarter: | · | |
| Design development work continuing the project | t alongside the East Coast 400kV works. | |
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| Summary of works in next quarter: | | |
| Design development work continuing on the pro | ject alongside the East Coast 400kV upgrade | |
| works in line with programme dates. | , | |
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| Additional Comments: | | |
| N/A | | |
| N/A | | |
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| TORI | Scheme | | |
|--|--|--|------|
| SHET-RI-028 – Thurso South to Gills Bay 132kV | Thurso South to Gills Bay 132kV OHL | | |
| 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 | |
| | | operated at 132kV, from Gills Bay to Thurso So | uth. |
| | | | |
| | 24/02/2025 | | |
| Project Completion Date | 31/03/2025 | | |
| Project Completion Date Summary of works in last guarter: | 31/03/2025 | | |
| Summary of works in last quarter: Finalise new switching station design and prepa | | | |
| Summary of works in last quarter: | are consent application. | | |
| Summary of works in last quarter: Finalise new switching station design and prepa | are consent application. | | |
| Summary of works in last quarter: Finalise new switching station design and prepa Re-engage with landowners and secure outstar | are consent application. | | |
| Summary of works in last quarter: Finalise new switching station design and prepa Re-engage with landowners and secure outstar Summary of works in next quarter: | are consent application. Inding land option agreements. | | |
| Summary of works in last quarter: Finalise new switching station design and prepa Re-engage with landowners and secure outstar Summary of works in next quarter: Submit new switching station consent application | are consent application. nding land option agreements. on. | | |
| Summary of works in last quarter: Finalise new switching station design and prepa Re-engage with landowners and secure outstar Summary of works in next quarter: | are consent application. nding land option agreements. on. | | |
| Summary of works in last quarter: Finalise new switching station design and prepa Re-engage with landowners and secure outstar Summary of works in next quarter: Submit new switching station consent application | are consent application. nding land option agreements. on. | | |
| Summary of works in last quarter: Finalise new switching station design and prepa Re-engage with landowners and secure outstar Summary of works in next quarter: Submit new switching station consent application | are consent application. nding land option agreements. on. | | |
| Summary of works in last quarter: Finalise new switching station design and prepa Re-engage with landowners and secure outstar Summary of works in next quarter: Submit new switching station consent applicati Continued engagement with landowners to sec Additional Comments: | are consent application. nding land option agreements. on. | | |
| Summary of works in last quarter: Finalise new switching station design and prepa Re-engage with landowners and secure outstar Summary of works in next quarter: Submit new switching station consent applicati Continued engagement with landowners to sec | are consent application. nding land option agreements. on. | | |
| Summary of works in last quarter: Finalise new switching station design and prepa Re-engage with landowners and secure outstar Summary of works in next quarter: Submit new switching station consent applicati Continued engagement with landowners to sec Additional Comments: | are consent application. nding land option agreements. on. | | |



| TORI | Scheme | |
|---|--|--|
| SHET-RI-033 - Second 2 GW East Coast HVDC | Second 2 GW East Coast HVDC Link Peterhead | |
| Link Peterhead to England | 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 Eng | land (landing point to be confirmed). This will be a | |
| joint project with National Grid. | | |
| | | |
| Project Completion Date | 31/10/2031 | |
| Summary of works in last quarter: | | |
| Continued development of initial needs case sco | ope. | |
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| Summary of works in next quarter: | | |
| Continued development of initial needs case scope. | | |
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| Additional Comments: | | |
| N/A | | |
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| TORI | Scheme | |
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| SHET-RI-042 - Western Isles - Beauly HVDC Link | Western Isles - Beauly HVDC Link | |
| Overview of Works: | | |
| Establish a 600MW HVDC link with associated equipment and converter stations between the | | |
| Western Isles (Arnish on Lewis) and the 400kV double busbar at Beauly (established under SHET- | | |
| RI-007b). The HVDC cable is to be approximately 79km of subsea cable, and approximately 80km | | |
| of land cable. The HVDC infrastructure will interface with a new 132kV double busbar at Arnish | | |
| (Lewis) and the 400kV double busbar at Beauly. | | |
| Project Completion Date | 30/03/2027 | |
| Summary of works in last quarter: | | |
| Engagement with stakeholders to commence foc | ussing on developer commitment and providing | |
| assurance to Ofgem that continued pre-construct | | |
| site for the Beauly converter station and AC subs | tation. Customer notices for move of | |
| energisation date. | | |
| Engagement with BEIS continues regarding confir | | |
| Round 4 timeline, programme adjusted to accom | modate proposed delay. | |
| Summany of works in payt quarter: | | |
| Summary of works in next quarter: Continue engagement with stakeholders with view to holding round table meeting between all parties | | |
| Further investigate options for mainland convertor station site | | |
| Secure Arnish site lease agreement with HIE | | |
| Revalidation of preferred tender submission and re-engagement with supplier | | |
| Conduct Landownership exercise along route to close gaps and refresh existing data | | |
| Continue optioneering activities and revalidation of governance process. | | |
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| Additional Comments: | | |
| N/A | | |
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| TORI | Scheme | |
|---|--|--|
| SHET-RI-043 - Lewis Infrastructure | Lewis Infrastructure | |
| Overview of Works: | | |
| Build a new 132kV single circuit OHL between existing Stornoway substation, the new Arnish | | |
| substation (provided under SHET-RI-042 - Western Isles - Beauly HVDC Link) and a new AC switching station at Balallan on the Isle of Lewis. | | |
| Dismantle the existing 132kV single circuit OHL between Balallan and the existing Stornoway | | |
| substation. | | |
| | | |
| Project Completion Date | 30/03/2027 | |
| Summary of works in last quarter: | | |
| Bird surveys for new OHL between Balallan, Stornoway and Arnish to commence and land options | | |
| at Arnish to be confirmed. | showay and Arnish to commence and land options | |
| | | |
| | | |
| | | |
| Summary of works in next quarter: | | |
| Bird Surveys have been completed. Discussions | on how best to proceed with project underway. | |
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| Additional Comments: N/A | | |
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| TORI | Scheme | |
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| SHET-RI-046 - Taynuilt-North Argyll Rebuild | Taynuilt-North Argyll Rebuild | |
| 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. | | |
| | | |
| | 24/40/2020 | |
| Project Completion Date | 31/10/2028 | |
| Summary of works in last quarter: | | |
| Project on hold. | | |
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| Summary of works in next quarter: | | |
| Project on hold. | | |
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| Additional Comments: | | |
| N/A | | |
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| TORI | Scheme |
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| SHET-RI-050a - Inveraray - Port Ann | Inveraray - Port Ann Reinforcement |
| Reinforcement | |
| Overview of Works: | |
| Reinforce the 132kV Transmission network | k in the Kintyre Peninsula. Rebuild approximately 37km |
| of double circuit OHL between Inveraray a | nd Port Ann. The towers will be built for 275kV |
| operation, but initially operated at 132kV. | |
| Project Completion Date | 30/07/2021 |
| Summary of works in last quarter: | |
| Overhead line works: offline assembly and | l erection works now complete |
| Substation: Protection and control commis | ssioning. |
| Summary of works in next quarter | |
| Complete commissioning of new protection | on and control and achieve full energisation. Progress |
| dismantling of redundant towers and reins | statement. |
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| Additional Comments: | |
| N/A | |
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| TORI | Scheme | |
|---|---|--|
| SHET-RI-050b - Port Ann - Crossaig | Port Ann - Crossaig Reinforcement | |
| Reinforcement | | |
| Overview of Works: | · | |
| Reinforce the 132kV Transmission Network in the | ne Kintyre Peninsula. Rebuild approximately 48km | |
| of double circuit OHL between Port Ann and Crossaig. The towers will be built for 275kV | | |
| operation, but initially operated at 132kV. | | |
| | | |
| Project Completion Date | 31/10/2023 | |
| • • | 51/10/2025 | |
| Summary of works in last quarter: | atinuing with the Part A design in advance of | |
| Executed Part B and forestry contracts while conconstruction. | itinuing with the Part A design in advance of | |
| | | |
| | | |
| Summary of works in next quarter: | | |
| | eduled works will include the first outages which | |
| , . | • | |
| are scheduled for Q3 2021. Further OHL works will involve the creation and upgrade of the access track network to facilitate the tower build. | | |
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| Additional Comments: | | |
| N/A | | |
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| TORI | Scheme |
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| SHET-RI-052 - Lairg-Loch Buidhe 132kV | Lairg-Loch Buidhe 132kV Reinforcement |
| Reinforcement | |
| Overview of Works: | |
| Establish a new 132kV double busbar at Lairg | (Dalchork substation) and construct approximately |
| 17km of new double circuit 132kV overhead t | ower line between Lairg and Loch Buidhe. |
| Project Completion Date | 30/04/2022 |
| Summary of works in last quarter: | · · · · |
| Progressed the Substation platform including | below-ground earthing, drainage and backfilling |
| around structures. All platform AIS & gantry f | foundations complete and support structures |
| erected. Installation of electrical equipment - | 80% complete. Control Building constructed and |
| the internal fit-out progressed. Loch Buidhe S | Substation & CSEC foundations progressing along |
| with the HV cable trench and draw-pit. | |
| Progressed the OHL access tracks, spurs & wo | orking pads. Progressed the install of the pad & |
| column and piled foundations. Commence the | e erection of several L7c towers. Commence the firs |
| phase of the replacement of the earthwire wi | ith OPGW (with outage) for Cassley – Shin route. |
| Summary of works in next quarter: | pelow-ground earthing, drainage and backfilling |
| | AIS electrical equipment, marshalling kiosks and |
| • | ling/terminating. Progress the Control Building |
| | Install DNO supply to the site. Progress Loch Buidhe |
| Substation & CSEC foundations progressing al | |
| | ing pads. Progressed the install of the pad & column |
| - | of further L7c towers. Complete the first phase of |
| the replacement of the earthwire with OPGW | · · · |
| | |
| Additional Comments: | |
| Additional comments. | |

N/A



| TORI | Scheme | | |
|---|--|---|---|
| SHET-RI-053 - Shetland 600 MW HVDC Link and | Shetland 600 MW HVDC Link and Kergord | | |
| Kergord 132kV Substation | 132kV Substation | | |
| Overview of Works: | | | |
| Construct a 600MW HVDC link from Shetland to t | 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 Reinforce | ement (part of SHET-RI-031) | | |
| The HVDC link includes a 600MW HVDC converte | r station and 132kV Substation at Kergord in | | |
| Shetland. The new 132kV Substation at Kergord v | vill be the collection point for generation in | | |
| Shetland. | | | |
| The 600MW HVDC link will have approximately 1 | 3km of land cable and 284km of subsea cable | | |
| between Shetland and the HVDC switching statio | n in Caithness. | | |
| Project Completion Date | 31/03/2024 | | |
| Summary of works in last quarter: | | | |
| Substantial progress on civil design and primary e | electrical design for both sites. | | |
| Continued platform construction at Kergord and | | | |
| Convertor Station. Completed bulk earthworks at | Noss Head and commenced substructure | | |
| construction of Switching Station. | | | |
| Completed site accommodation and access work | s including public road improvements to Noss | | |
| Head and Kergord sites. | | | |
| Commenced 600MW Cable Type Test and comme | enced land and subsea cable manufacturing. | | |
| Commenced offshore pre-lay survey work and m | obilised Horizontal Directional Drill in Caithness | | |
| and site establishment for land cable installation | works in Caithness and Shetland and mobilised | | |
| Horizontal Directional Drill (HDD) contractor at N | oss Head. | | |
| Summary of works in next quarter: | | | |
| Substantial completion of civil and electrical designation | on for both Noss Head and Kergord sites | | |
| • | | | |
| Continue with substructure construction and commence steel erection at Noss Head Switching Station and Kergord HVDC Converter. Commence construction of 132kv AC Substation at Kergord | | | |
| - | - | | |
| (Substructure). Handover earthworks platform to Viking Energy Windfarm for windfarm substation. Commence Horizontal Directional Drill operations at Noss Head, commence HVDC cable duct installation in Caithness and Shetland. Complete offshore pre-lay survey and commence boulder clearance operations on offshore cable route. Continue manufacturing of | | | |
| | | HVDC land and offshore cable. Commence manual | - |
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| Additional Commontes | | | |
| Additional Comments: N/A | | | |



| TORI | Scheme | |
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| SHET-RI-058 - Beauly-Loch Buidhe 275kV OHL | Beauly-Loch Buidhe 275kV OHL Reinforcement | |
| Reinforcement | | |
| Overview of Works: | | |
| This project is to reinforce the existing BSW/BSE Beauly, Shin to Loch Buidhe 132kV double circuit | | |
| with a higher capacity 275kV double circuit OHL. | | |
| | | |
| The reinforcement will include a new double circ | - | |
| approximately 40km, as well as works at Beauly, | Loch Buidhe and Shin substations. | |
| | 24/42/2024 | |
| Project Completion Date | 31/10/2021 | |
| Summary of works in last quarter: | | |
| System Studies in progress to reassess derogation | | |
| reinforcement. Project now has a proceed signal from the National Grid System Operator | | |
| published NOA (Network Options Assessment) report. | | |
| Summary of works in next quarter: | | |
| Project progressed to optioneering stage with Development team. | | |
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| Additional Comments: | | |
| N/A | | |
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| Scheme |
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| Third 2GW East Coast HVDC Link Peterhead to |
| England |
| · |
| th associated equipment. HVDC cables to be |
| and (landing point to be confirmed). This will be a |
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| 31/10/2033 |
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| | Scheme | |
|---|----------------------------------|--|
| SHET-RI-061 - Skye Overhead Line | Skye Overhead Line Reinforcement | |
| Reinforcement | | |
| Overview of Works: | | |
| Construct 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). | | |
| Project Completion Date | 31/12/2025 | |
| Summary of works in last guarter: | | |
| | | |
| Summary of works in next quarter: | | |
| Conclude alignment design with public consultation, begin EIA reporting and commence detail design on fixed overhead line alignment | | |
| design on fixed overhead line alignment | | |
| design on fixed overhead line alignment | | |
| design on fixed overhead line alignment Additional Comments: N/A | | |



| TORI | Scheme |
|--|--|
| SHET-RI-064 - Fort Augustus Substation | Fort Augustus Substation 400/132kV |
| 400/132kV Development | Development |
| Overview of Works: | |
| Develop the existing Fort Augustus substation | n to include a new 400kV and a new 132kV busbar. |
| The new 400kV busbar is to be connected to a | the new 132kV busbar via two new 480MVA |
| 400/132kV Super grid transformers. | |
| Project Completion Date | 31/10/2021 |
| Summary of works in last quarter: | |
| | |
| Completion of the Super grid transformer inst | tallation ready for oil filling. The 132kV and 400kV |
| | , , |
| | , , |
| Gas Insulated Switchgear installation is comp | tallation ready for oil filling. The 132kV and 400kV lete. Outages to energise the 400kV equipment have |
| Gas Insulated Switchgear installation is comp | , , |
| Gas Insulated Switchgear installation is comp commenced. | , , |
| Gas Insulated Switchgear installation is comp commenced. Summary of works in next quarter: | lete. Outages to energise the 400kV equipment have |
| Gas Insulated Switchgear installation is comp commenced. Summary of works in next quarter: Dismantle existing 400kV equipment in the existing | lete. Outages to energise the 400kV equipment have |
| Gas Insulated Switchgear installation is comp commenced. Summary of works in next quarter: Dismantle existing 400kV equipment in the ex 400kV extension. Energise the 400kV equipm | lete. Outages to energise the 400kV equipment have |
| Gas Insulated Switchgear installation is comp commenced. Summary of works in next quarter: Dismantle existing 400kV equipment in the existing | lete. Outages to energise the 400kV equipment have |
| Gas Insulated Switchgear installation is comp commenced. Summary of works in next quarter: Dismantle existing 400kV equipment in the ex 400kV extension. Energise the 400kV equipm | lete. Outages to energise the 400kV equipment have |
| Gas Insulated Switchgear installation is comp commenced. Summary of works in next quarter: Dismantle existing 400kV equipment in the ex 400kV extension. Energise the 400kV equipm | lete. Outages to energise the 400kV equipment have |
| Gas Insulated Switchgear installation is comp commenced. Summary of works in next quarter: Dismantle existing 400kV equipment in the ex 400kV extension. Energise the 400kV equipm equipment in the Autumn. | lete. Outages to energise the 400kV equipment have |
| Gas Insulated Switchgear installation is comp commenced. Summary of works in next quarter: Dismantle existing 400kV equipment in the ex 400kV extension. Energise the 400kV equipm equipment in the Autumn. Additional Comments: | lete. Outages to energise the 400kV equipment have |
| Gas Insulated Switchgear installation is comp commenced. Summary of works in next quarter: Dismantle existing 400kV equipment in the ex 400kV extension. Energise the 400kV equipm equipment in the Autumn. | lete. Outages to energise the 400kV equipment have |



| TORI | Scheme | |
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| SHET-RI-065a - Beauly 132 kV Substation | Beauly 132 kV Substation Redevelopment | |
| Redevelopment | | |
| Overview of Works: | | |
| • | nent at Beauly substation, and transfer the circuits | |
| | bar. Connect the new 132kV double busbar to the | |
| existing 275kV busbar via two new 360MVA 275/132kV transformers. Third new 360MVA | | |
| 275/132kV transformer will be undertaken und | der SHET-RI 065b | |
| Project Completion Date | 31/10/2024 | |
| Summary of works in last quarter: | | |
| Carried out two public consultations with anot | her one due this month. | |
| Circuit swap over stage by stages complete. | | |
| EIA scoping report complete and issued. | | |
| | | |
| Summary of works in next quarter: | | |
| Submit Planning application | | |
| Take onboard public consultation feedback wit | ch regards to visual impact. | |
| Complete ground investigation works. | | |
| Complete environmental surveys. | | |
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| Additional Comments: | | |
| N/A | | |
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| TOP | Scheme | |
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| TORI | | |
| SHET-RI-065b - Beauly 3rd SGT Replacement | Beauly 3rd SGT Replacement | |
| Overview of Works: | | |
| Replacement of third existing 275/132kV 120MVA SGT with a new 360MVA 275/132kV | | |
| transformer. | | |
| | | |
| SHET-RI 065a covers establishment of a new 1321 | vV double busbar arrangement at Beauly | |
| substation, and transfer the circuits from the existing 132kV busbar to the new busbar. | | |
| | ů. | |
| Project Completion Date | 31/10/2025 | |
| Summary of works in last quarter: | - | |
| See TORI-065a | | |
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| Summary of works in next quarter: | | |
| See TORI-065a | | |
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| Additional Comments: | | |
| N/A | | |
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| TORI | Scheme | |
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| SHET-RI-066 - Fort Augustus Substation | Fort Augustus Substation 400/275kV | |
| 400/275kV Development | Development | |
| Overview of Works: | | |
| Develop the existing Fort Augustus substation to include a new 275kV busbar. The 275kV busbar is | | |
| connected to the 400kV busbar via two 1200MVA 400/275kV Supergrid transformers. The 400kV | | |
| busbar is part of SHET-RI-064 works. | | |
| Project Completion Date | 01/12/2027 | |
| Summary of works in last quarter: | | |
| Project is currently on hold. | | |
| | | |
| Summary of works in next quarter: | | |
| Generation drivers have resulted in this project of | | |
| status of the project there are no immediate works forecast in this quarter to meet the | | |
| completion date. | | |
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| Additional Comments: | | |
| N/A | | |
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| TORI | Scheme | |
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| SHET-RI-068 - Fort Augustus -Invergarry- | Fort Augustus -Invergarry-400/132kV | |
| 400/132kV Development | Development | |
| Overview of Works: | | |
| Upgrade the existing 132kV double circuit OHL between Fort Augustus and Invergarry substation | | |
| with a new 400kV OHL. The existing 132kV OHL forms part of the Fort Augustus to Fort William | | |
| FFE/FFW Circuits. | | |
| Part of the ungrade is to establish a $400/132kV$ | substation at Invergarry to connect the existing | |
| 132kV OHL from Fort William and Invergarry Ge | | |
| | | |
| The new 400kV OHL will terminate into the 400 | 0kV busbar at Fort Augustus. The 400kV busbar is | |
| part of SHET-RI-064 works. | | |
| Project Completion Date | 21/12/2027 | |
| Project Completion Date | 31/12/2027 | |
| Summary of works in last quarter: | | |
| | bstation location option will continue into the next | |
| quarter. It is expected that candidate corridors | - | |
| programme of stakeholder consultation will be | established. | |
| | | |
| Summary of works in next quarter: | | |
| Route option assessment and development of t | the design for commencing with stakeholder | |
| consultation and pre-submission consents work with key statutory stakeholders and the local | | |
| planning authority. | | |
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| Additional Comments: | | |
| Additional Comments: N/A | | |
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| TORI | Scheme | |
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| SHET-RI-069 - Kinardochy Reactive | Kinardochy Reactive Compensation | |
| Compensation | | |
| Overview of Works: | | |
| Reactive Compensation is required at a n | ew Kinardochy substation for voltage support on the | |
| 275kV Beauly-Denny overhead line. The Reactive Compensation will require a capability of + | | |
| 225MVAr and -225MVAr. | | |
| Project Completion Date | 31/08/2024 | |
| Summary of works in last quarter: | | |
| Appointment of principal contractors for both the substation and overhead line construction | | |
| Appointment of principal contractors for | both the substation and overhead line construction | |
| works. | both the substation and overhead line constituction | |
| works. | vorks and commence detailed design development. | |
| works. | | |
| works. Undertook further ground investigation v | | |
| works. Undertook further ground investigation v Summary of works in next quarter: | vorks and commence detailed design development. | |
| works. Undertook further ground investigation v Summary of works in next quarter: Progression of detailed design works for | | |
| works. Undertook further ground investigation v Summary of works in next quarter: Progression of detailed design works for project. | vorks and commence detailed design development. | |
| works. Undertook further ground investigation works Summary of works in next quarter: Progression of detailed design works for project. Secure planning consent and prepare cor | vorks and commence detailed design development. | |
| works. Undertook further ground investigation w Summary of works in next quarter: Progression of detailed design works for project. Secure planning consent and prepare cor planning conditions | works and commence detailed design development. both the substation and overhead line elements of the nstruction documentation associated with discharging | |
| works. Undertook further ground investigation works Summary of works in next quarter: Progression of detailed design works for project. Secure planning consent and prepare cor | works and commence detailed design development. both the substation and overhead line elements of the nstruction documentation associated with discharging | |
| works. Undertook further ground investigation w Summary of works in next quarter: Progression of detailed design works for project. Secure planning consent and prepare cor planning conditions | works and commence detailed design development. both the substation and overhead line elements of the nstruction documentation associated with discharging | |
| works. Undertook further ground investigation w Summary of works in next quarter: Progression of detailed design works for project. Secure planning consent and prepare cor planning conditions Formal agreement for all land purchase a | works and commence detailed design development. both the substation and overhead line elements of the nstruction documentation associated with discharging | |
| works. Undertook further ground investigation works Summary of works in next quarter: Progression of detailed design works for project. Secure planning consent and prepare cor planning conditions Formal agreement for all land purchase a Additional Comments: | works and commence detailed design development. both the substation and overhead line elements of the nstruction documentation associated with discharging | |
| works. Undertook further ground investigation w Summary of works in next quarter: Progression of detailed design works for project. Secure planning consent and prepare cor planning conditions Formal agreement for all land purchase a | works and commence detailed design development. both the substation and overhead line elements of the nstruction documentation associated with discharging | |



| TORI | Scheme | |
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| SHET-RI-072 - Blackhillock-Kintore 400 kV OHL | Blackhillock-Kintore 400 kV OHL Upgrade | |
| Upgrade | | |
| Overview of Works: | | |
| Replace the existing 55km XH1/XH2 275kV doubl | e circuit OHL with a 400kV double circuit OHL. | |
| The new 400kV OHL will terminate on the 400kV busbars at Blackhillock and Kintore substations. | | |
| | | |
| A new connection arrangement is required at Ca | rnford substation to allow connection to the | |
| proposed 400kV OHL. | | |
| | | |
| Project Completion Date | 30/09/2027 | |
| Summary of works in last quarter: | | |
| Project on hold. | | |
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| Summary of works in next quarter: | | |
| Project on hold. | | |
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| Additional Comments: | | |
| N/A | | |
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| TORI | Scheme | |
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| SHET-RI-075 - Orkney 132kV Infrastructure Finstown - Ellibster | 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 132 kV Switching Station at Ellibister and a 132kV OHL Trident wood pole connection from Ellibister to Finstown Substation. Note that Finstown | | |
| | | |
| | | |
| Project Completion Date | 30/04/2025 | |
| Summary of works in last quarter: | | |
| Project on hold. | | |
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| Summary of works in next quarter: | | |
| Project on hold. | | |
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| Additional Comments: | | |
| Project to be progressed in liaison with SHET-RI-019. | | |
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| TORI | Scheme |
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| SHET-RI-079 - Blackhillock Additional | Blackhillock Additional 275/132kV SGTs |
| 275/132kV SGTs | |
| Overview of Works: | |
| Reinforce the transmission network at Blackhille | ock substation by installing two additional new |
| 275/132kV Supergrid Transformers. The transfo | ormers are to be rated at 360MVA. |
| Project Completion Date | 30/06/2025 |
| Summary of works in last quarter: | |
| Project to continue to progress and work towar | ds initial design deliverables. |
| | |
| Summary of works in next quarter: Project to continue work towards initial design of internal governance steps. | deliverables and progress through early-stage |



| TORI | Scheme |
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| | Craig Murrail Switching Station |
| SHET-RI-086 - Craig Murrail Switching Station Overview of Works: | |
| It is proposed that a new 132 kV switching statio | n will be constructed near the Port Ann tee point y 132 kV double circuit. Disconnect Port Ann from nn GSP directly onto the new 132kV double |
| Project Completion Date | 31/10/2025 |
| Summary of works in last quarter: | |
| Substation Site Selection assessment was comple | |
| Summary of works in next quarter: | |
| Stakeholder Consultation to be completed with F Site. | Public Consultation Events to be held on Preferred |
| Additional Comments: | |
| N/A | |



| TORI | Scheme |
|---|---|
| SHET-RI-088 - Loch Buidhe - Dounreay 275kV | Loch Buidhe - Dounreay 275kV Reinforcement |
| Reinforcement | |
| Overview of Works: | |
| Reconductor the existing 275kV double circuit C | OHL between Loch Buidhe and Dounreay |
| (approximately 87km). The double circuit is to b | e reconductored with a high temperature |
| conductor, with a summer pre-fault rating of 90 | IOMVA. |
| | |
| | 24/02/2025 |
| Project Completion Date | 31/08/2025 |
| | |
| Summary of works in last quarter: | |
| Summary of works in last quarter: System Studies in progress to assess the require | ed scope of reinforcement. Works to be considered |
| Summary of works in last quarter: | |
| Summary of works in last quarter: System Studies in progress to assess the require | |
| Summary of works in last quarter: System Studies in progress to assess the require | |
| Summary of works in last quarter: System Studies in progress to assess the require | |
| Summary of works in last quarter: System Studies in progress to assess the require alongside SHET-RI-058. | ed scope of reinforcement. Works to be considered |
| Summary of works in last quarter: System Studies in progress to assess the require alongside SHET-RI-058. Summary of works in next quarter: | ed scope of reinforcement. Works to be considered |
| Summary of works in last quarter: System Studies in progress to assess the require alongside SHET-RI-058. Summary of works in next quarter: | ed scope of reinforcement. Works to be considered |
| Summary of works in last quarter: System Studies in progress to assess the require alongside SHET-RI-058. Summary of works in next quarter: | ed scope of reinforcement. Works to be considered |
| Summary of works in last quarter: System Studies in progress to assess the require alongside SHET-RI-058. Summary of works in next quarter: | ed scope of reinforcement. Works to be considered |
| Summary of works in last quarter: System Studies in progress to assess the require alongside SHET-RI-058. Summary of works in next quarter: Works to be considered alongside SHET-RI-058. | ed scope of reinforcement. Works to be considered |
| Summary of works in last quarter: System Studies in progress to assess the require alongside SHET-RI-058. Summary of works in next quarter: Works to be considered alongside SHET-RI-058. Additional Comments: | ed scope of reinforcement. Works to be considered |
| Summary of works in last quarter: System Studies in progress to assess the require alongside SHET-RI-058. Summary of works in next quarter: Works to be considered alongside SHET-RI-058. Additional Comments: | ed scope of reinforcement. Works to be considered |



| TORI | Scheme |
|---|---|
| SHET-RI-089 - Farigaig SGT2 Upgrade | Farigaig SGT2 Upgrade |
| Overview of Works: | |
| Upgrade the 120MVA 275/132kV SGT2 at Far | igaig substation to a 240MVA SGT, to facilitate the |
| connection of generation in the area. | |
| | |
| | |
| Project Completion Date | 30/08/2024 |
| Summary of works in last quarter: | |
| The Modification Application has been signed | by the Developer, with the project now on hold |
| until 2023 when activities will recommence. | |
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| Summary of works in next quarter: | |
| Interfaces with Farigaig SGT1 (SHET-RI-129) U | Ipgrade options will be assessed. |
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| Additional Comments: | |
| N/A | |
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| TORI | Scheme |
|---|--|
| SHET-RI-090 - Coupar Angus - Errochty 132kV | Coupar Angus - Errochty 132kV Reconductoring |
| Reconductoring | |
| Overview of Works: | |
| Reconductor approximately 15.4km of the existir | - |
| and Clunie substations. This double circuit is to b | - |
| 300mm2) and will operate at 75°C to give a minir | num summer pre-fault rating of 176MVA. |
| | 24/40/2020 |
| Project Completion Date | 31/10/2026 |
| Summary of works in last quarter: | |
| Project on hold. | |
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| Summary of works in next quarter: | |
| Project on hold. | |
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| Additional Comments: | |
| N/A | |
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| TORI | Scheme |
|--|---|
| SHET-RI-093 - East Coast Phase 2 - 400kV | East Coast Phase 2 - 400kV Reinforcement |
| Reinforcement | |
| Overview of Works: | |
| Upgrade the existing Blackhillock / Rothienorman | · · · · · · · · · · · · · · · · · · · |
| circuits to 400kV operation. Establish a new 400k upgrade. | V double busbar at Kintore to enable this |
| upgrade. | |
| This upgrade also interfaces at Blackhillock 400k | V 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 Transmis | sion/SPT Boundary (Boundary 4). |
| | |
| Project Completion Date | 31/10/2026 |
| Summary of works in last quarter: | |
| | ed to 'best and final offer' (BAFO) and award OHL |
| Contract. | |
| Undertake and complete tree resilience survey w | |
| Continue refinement of conductor suitability to r | |
| mitigate further impact on tower extension num | |
| Kintore substation works concluded the initial, n | |
| 400kV SF6 free Gas Insulated Switchgear. Achiev | ed internal approval to progress to execution |
| phase. | |
| Summary of works in next quarter: | |
| Commence assessment of the required upgrade | works at Fetteresso Substation and establish |
| required design works. | |
| Kintore substation works will place the main Con | tracts for GIS Manufacture and the award for |
| earthworks which is being done along with the e | arthworks under SHET-RI-25d. |
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| Additional Comments: | |
| N/A | |
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| TORI | Scheme |
|---|---|
| SHET-RI-098 - Dunoon GL1-GL2 OHL Rebuild | Dunoon GL1-GL2 OHL Rebuild |
| Overview of Works: | |
| Rebuild approximately 18km of double circuit or | verhead line between Dunoon substation and the |
| SHET – SPT boundary. | |
| | |
| This project interfaces with Scottish Power Tran | |
| the SHET-SPT boundary will be the responsibility | y of SPT. |
| Project Completion Date | 30/03/2026 |
| Summary of works in last quarter: | · |
| Identified proposed alignments for the overhead | d line. Continued with environmental surveys. |
| | |
| | |
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| Summary of works in next quarter: | |
| Undertake consultation on the proposed alignment | |
| onacitate consultation on the proposed digina | ents. From consultation feedback identify a |
| | |
| proposed alignment. Commence Environmental | Impact Assessment. Continue with ornithological |
| | Impact Assessment. Continue with ornithological |
| proposed alignment. Commence Environmental | Impact Assessment. Continue with ornithological |
| proposed alignment. Commence Environmental | Impact Assessment. Continue with ornithological |
| proposed alignment. Commence Environmental | Impact Assessment. Continue with ornithological |
| proposed alignment. Commence Environmental | Impact Assessment. Continue with ornithological |
| proposed alignment. Commence Environmental | Impact Assessment. Continue with ornithological |
| proposed alignment. Commence Environmental surveys. Continue engagement with stakeholde | Impact Assessment. Continue with ornithological |
| proposed alignment. Commence Environmental surveys. Continue engagement with stakeholder Additional Comments: | Impact Assessment. Continue with ornithological |
| proposed alignment. Commence Environmental surveys. Continue engagement with stakeholde | Impact Assessment. Continue with ornithological |



| TORI | Scheme |
|--|---|
| SHET-RI-099 - Beauly-Keith 132kV | Beauly-Keith 132kV Reconductoring |
| Reconductoring | |
| Overview of Works: | |
| Reconductor approximately 108km of the e | xisting 132kV double circuit OHL between Beauly and |
| Keith 132kV substations. This double circuit | is to be reconductored with a minimum summer pre- |
| fault rating of 176MVA. | |
| Project Completion Date | 18/06/2021 |
| Summary of works in last quarter: | |
| Keith substation disconnector upgrade world | ks complete in O1 2021 |
| Beauly substation disconnector upgrade wo | • |
| Circuit inter tripping protection modification | • |
| Summary of works in next quarter: | |
| Circuit inter tripping protection modification | ns and commissioning forecast for completion in Q2 |
| 2021. | |
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| Additional Comments: | |
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| Project complete in Q2 2021. | |
| Project complete in Q2 2021. | |
| Project complete in Q2 2021. | |



| TORI | Scheme |
|--|--|
| SHET-RI-105 - Rothienorman s/s & | Rothienorman s/s & Rothienorman - Kintore |
| Rothienorman - Kintore Reconductoring | Reconductoring |
| Overview of Works: | |
| Establish a new double busbar at Rothienorman | to be built at 400kV, but initially operate at |
| 275kV. Re-conductor the 275kV double circuit ov | verhead line between the new double busbar at |
| Rothienorman and Kintore substation (MX1, MX | 2). |
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| Project Completion Date | 20/08/2021 |
| Summary of works in last quarter: | |
| Energisation outage and turn-in sequence to pro | ogress. |
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| Summary of works in next quarter: | |
| Obtain remaining OHL outages required to comp | blete all OHI turn-ins and subsequently full |
| energisation of the substation by 20 th August 20 | |
| energisation of the substation by 20° August 20. | 21. |
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| Additional Commenter | |
| Additional Comments: | |
| N/A | |
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| TORI | Scheme |
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| SHET-RI-106b - Connagill 2nd SGT | Connagill 2nd SGT |
| Overview of Works: | |
| At Connagill substation, install a 2nd 275/132k | V 360MVA supergrid transformer, to enable the |
| connection of wind generation in the local area | a to the Dounreay – Loch Buidhe 275kV circuit. |
| | |
| Project Completion Date | 01/04/2024 |
| Summary of works in last quarter: | |
| Project Development work to continue. | |
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| Summary of works in next quarter: | |
| Initial high-level project development, along with | ith initial internal governance activities for project |
| inception. | |
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| Additional Comments: | |
| N/A | |
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| TORI | Scheme |
|--|---|
| SHET-RI-107 - North Argyll - Inveraray | North Argyll - Inveraray Reinforcement |
| Reinforcement | |
| Overview of Works: | |
| Reinforce the double circuit overhead line betwe | een North Argyll 275/132kV substation |
| | ay 132kV switching station. This reinforced circuit |
| will connect to the double circuit overhead line f | |
| approximately 2.8km away from Inveraray. | |
| | |
| | |
| Project Completion Date | 30/04/2025 |
| Summary of works in last quarter: | |
| OHL route selection assessment was completed a | and preferred OHL route has been selected. |
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| Summary of works in next quarter: | |
| | Public Consultation Events to be held on the route |
| options and preferred route. | |
| OHL alignment selection study to be completed. | |
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| Additional Comments: | |
| N/A | |
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| TORI | Scheme |
|---|--|
| SHET-RI-109 - Loch Buidhe - Spittal 132kV | Loch Buidhe - Spittal 132kV Reconductoring |
| Reconductoring | |
| Overview of Works: | |
| Reconductor the existing 90km 132kV tower lin | e between Loch Buidhe and Spittal substations. |
| The 132kV overhead line is to be reconductored | d with a higher capacity conductor than the |
| existing conductor and should have a minimum | summer pre-fault rating of 176MVA. |
| | |
| Project Completion Date | 30/06/2027 |
| Summary of works in last quarter: | |
| Developer triggering the reinforcement work ha | as now signed their offer. The project will be |
| • · · · · • • · · · · · · | |
| formally kicked off and progressed to early stag | e development. |
| formally kicked off and progressed to early stag | e development. |
| formally kicked off and progressed to early stag | e development. |
| formally kicked off and progressed to early stag | e development. |
| | e development. |
| Summary of works in next quarter: | |
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| Summary of works in next quarter: | |
| Summary of works in next quarter: | |
| Summary of works in next quarter: | |
| Summary of works in next quarter: Project to be progressed by the Development to | |
| Summary of works in next quarter: Project to be progressed by the Development to Additional Comments: | |
| Summary of works in next quarter: Project to be progressed by the Development to | |
| Summary of works in next quarter: Project to be progressed by the Development to Additional Comments: | |
| Summary of works in next quarter: Project to be progressed by the Development to Additional Comments: | |
| Summary of works in next quarter: Project to be progressed by the Development to Additional Comments: | |



| TORI | Scheme | |
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| - | Abernethy 132kV Mesh Corner | |
| SHET-RI-111 - Abernethy 132kV Mesh Corner | Abernetny 152kV Wesh Corner | |
| Overview of Works: | | |
| At Abernethy 132/33kV substation, install a four- | | |
| connected to the existing Burghmuir – Charleston 132kV double circuit overhead line (PCN/CAS). | | |
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| Project Completion Date | 31/10/2022 | |
| Summary of works in last quarter: | | |
| Continue to progress with Regional Development | t Plan and further optioneering to identify most | |
| economical solution to accommodate contracted | generation. | |
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| Summary of works in next quarter: | | |
| Continue to progress with Regional Development | t Plan and further optioneering to identify most | |
| economical solution to accommodate contracted | generation. | |
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| Additional Comments: | | |
| N/A | | |
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| TORI | Scheme |
| SHET-RI-115 - Melgarve 400/132 kV Substation | Melgarve 400/132 kV Substation Additional |
| Additional SGTs | 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 w | ind generation in the area. |
| | - |
| | |
| Project Completion Date | 31/10/2026 |
| Summary of works in last quarter: | |
| Continuation of development works will be unde | rtaken in the next quarter including drafts and |
| options for the general arrangement of the subst | |
| options for the general arrangement of the saids | |
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| Summary of works in next quarter: | |
| | ation and refinement of the design and necessary |
| extension work for commencing Town and Count | try Planning pre-submission works including the |
| environmental surveys. | |
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| Additional Comments: | |
| N/A | |
| 11/7 | |
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| TORI | Scheme | |
|---|---|--|
| | Kergord - Yell 132kV Connection | |
| SHET-RI-116 - Kergord - Yell 132kV Connection | | |
| Overview of Works: | two on the Keysend 1221/(autotation (actablished | |
| - | etween the Kergord 132kV substation (established | |
| as part of SHET-RI-053) and a new 132kV switchi renewable generation. | ing station on reli, to enable the connection of | |
| | | |
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| Project Completion Date | 01/04/2025 | |
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| Summary of works in last quarter: | | |
| Continue to refine connection route and techno | | |
| technology and take to public consultation Q2 24 | 021 to invite feedback from stakeholders to | |
| inform designs. Continue to engage with Shetland Islands Counc | il landowners and other stakeholders on | |
| preferred routes. | in, landowners and other stakeholders on | |
| Continue to carry out desktop and local surveys | to de-risk the selection of preferred routes. | |
| | | |
| | | |
| Summary of works in next quarter: | | |
| Continue with local surveys including bird survey investigations. | ys, noise surveys, peat probing and geotechnical | |
| - | outes to continue to inform and de-risk selection | |
| of preferred routes and to progress to alignment | | |
| Progress plans for next public consultation in Q3 2021. | | |
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| Additional Comments: | | |
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| N/A | | |
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| TORI | Scheme | |
|--|---|--|
| SHET-RI-117 - Tealing 275kV Busbar Upgrade | Tealing 275kV Busbar Upgrade | |
| Overview of Works: | | |
| At Tealing remove the existing 275kV 2500A rat | ed busbar and replace with a new 4000A rated | |
| 275kV double busbar complete with two bus co | uplers, one bus section and busbar selection on all | |
| feeder bays. | | |
| Project Completion Date | 31/12/2021 | |
| Summary of works in last quarter: | | |
| Energisations complete on phase 1 of the Reser | ve busbar 1 works and outage taken on the second | |
| phase of the reserve bus 1 works with all disma | ntling works completed and rebuild of the bus bar | |
| completed and energised. | | |
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| Summary of works in next quarter: | | |
| Second phase of the reserve bus bar to be energy | gised. | |
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| Additional Comments: | | |
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| N/A | | |
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| TORI | Scheme | |
|---|---|--|
| SHET-RI-119 - Corriemoillie Transformer | Corriemoillie Transformer Protection | |
| Protection Modification | Modification | |
| Overview of Works: | | |
| At the existing Corriemoillie substation, inst | tall a 3 ended grid transformer differential protection | |
| scheme on GT2 to enable the connection of a second generator at Corriemoillie. | | |
| Project Completion Date | 31/10/2024 | |
| Summary of works in last quarter: | · · · | |
| Design work being progressed. | | |
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| Summary of works in next quarter: | | |
| | team for review and coordination with generator | |
| | team for review and coordination with generator | |
| Project initiated and passed to the Delivery | team for review and coordination with generator | |
| Project initiated and passed to the Delivery | team for review and coordination with generator | |
| Project initiated and passed to the Delivery | team for review and coordination with generator | |
| Project initiated and passed to the Delivery | team for review and coordination with generator | |
| Project initiated and passed to the Delivery connection works. | team for review and coordination with generator | |
| Project initiated and passed to the Delivery connection works. Additional Comments: | team for review and coordination with generator | |
| Project initiated and passed to the Delivery connection works. Additional Comments: | team for review and coordination with generator | |



| TORI | Scheme |
|---|---|
| SHET-RI-120 - East Coast 132kV Upgrade | East Coast 132kV Upgrade |
| Overview of Works: | |
| | ear Fiddes connected to the 275kV double circuit |
| tower line XT1/XT2 between Kintore and Tealir | ıg. |
| Construct a new 132kV double circuit overhead | l line between Brechin and the |
| Tealing/Arbroath/Brechin Tee Point. | |
| | |
| Reconductor the existing double circuit tower I | ine between Tealing and the |
| Tealing/Arbroath/Brechin Tee Point. | |
| Dismantle the existing Fiddes 132/33kV substa | tion. |
| | |
| Dismantle the existing 132kV single circuit overhead line between the | |
| Craigiebuckler/Tarland/Fiddes Tee Point and th | e Brechin Substation. |
| Project Completion Date | 31/10/2026 |
| Summary of works in last guarter: | |
| Following completion of Public Consultation, co | ommence determining the alignment for the new |
| Arbroath Tee to Tealing 132kV Overhead Line. Complete Optioneering for Fiddes Substation and | |
| the Fiddes to Fetteresso Overhead Line works a | and undertake consultation as required for these. |
| | |
| Summary of works in next quarter: Publish the report on consultation for the over | head line works between Breshin and the |
| Tealing/Arbroath/Brechin Tee Point. | |
| Finalise the scheme option for Fiddes Substation or Fiddes to Fetteresso Overhead Line works. | |
| Asset Management to undertake further asset condition assessment surveys of the overhead line | |
| between Brechin and the Tealing/Arbroath/Brechin Tee Point. | |
| | |
| Additional Comments: | |
| N/A | |
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| TORI | Scheme |
|--|--|
| SHET-RI-121 - Charleston - Abernethy 132kV | Charleston - Abernethy 132kV Reconductoring |
| Reconductoring | |
| Overview of Works: | |
| Reconductor approximately 25km of 132kV OHL | between Abernethy 132kV substation and |
| Charleston 132kV substation. The circuit should be reconductored with a conductor capable of a | |
| minimum summer pre-fault rating of 150MVA. | |
| Project Completion Date | 31/10/2022 |
| Summary of works in last quarter: | · |
| Continue with Optioneering and Project Develop | oment to identify optimum reinforcement strategy |
| to accommodate contracted generation. | |
| | |
| Summary of works in next quarter: | |
| | oment to identify optimum reinforcement strategy |
| to accommodate contracted generation. | sment to identify optimum remotectment strategy |
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| Additional Comments: | |
| N/A | |
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| Reconductoring Overview of Works: Following the completion of SHET-RI-058, Shin substation | | |
|---|---|--|
| Overview of Works: Following the completion of SHET-RI-058, Shin substation Buidhe 132kV substation via the existing 132kV double ci this 132kV double circuit overhead line between Shin sub | • | |
| Following the completion of SHET-RI-058, Shin substation Buidhe 132kV substation via the existing 132kV double ci this 132kV double circuit overhead line between Shin sub | • | |
| Buidhe 132kV substation via the existing 132kV double ci this 132kV double circuit overhead line between Shin sub | • | |
| his 132kV double circuit overhead line between Shin sub | | |
| | Buidhe 132kV substation via the existing 132kV double circuit. TORI-123 project is to reconductor | |
| double circuit should be reconductored with a minimum | station and Loch Buidhe substation. The | |
| | summer pre-fault rating of 190MVA. | |
| | | |
| Project Completion Data | 2022 | |
| Project Completion Date 31/12/ | 2023 | |
| Summary of works in last quarter: | | |
| System Studies ongoing. Works to be considered alongsic | e SHET-RI-058. | |
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| Summary of works in next quarter: | | |
| System Studies ongoing. Works to be considered alongsic | e SHET-RI-058. | |
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| Additional Comments: | | |
| N/A | | |
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| TORI | Scheme |
|---|---|
| - | 2nd Shetland HVDC Link Kergord - |
| SHET-RI-124 - 2nd Shetland HVDC Link Kergord | Rothienorman |
| - Rothienorman | Rothenorman |
| Overview of Works: Construct a 2nd 600MW (tbc) HVDC link from Ke under SHET-RI-053) to the Scottish mainland at a substation. | - |
| The 600MW HVDC link will have approximately 3 between Shetland and Rothienorman. | 6km of land cable and 320km of subsea cable |
| Project Completion Date | 31/10/2026 |
| Project on hold. | |
| Summary of works in next quarter: Project on hold. | |
| Additional Comments: N/A | |



| TORI | Scheme |
|---|--|
| SHET-RI-126 - Kergord - Yell 132kV 2nd | Kergord - Yell 132kV 2nd Connection |
| Connection | |
| Overview of Works: | |
| On Shetland install a new 2nd 132kV single circui | t between the Kergord 132kV substation |
| (established as part of SHET-RI-053) and the Sout | h Yell Switching Station (constructed as part of |
| SHET-RI-116), to enable the connection of renew | able generation. |
| | |
| Project Completion Date | 31/10/2026 |
| Summary of works in last quarter: | |
| Project on hold. | |
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| Summary of works in next quarter: | |
| Project on hold. | |
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| Additional Comments: | |
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| N/A | |
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| TORI | Scheme | |
|---|--|--|
| | Dounreay - Spittal 400 kV Double Circuit Cable | |
| SHET-RI-127 - Dounreay - Spittal 400 kV Double Circuit Cable | | |
| | | |
| Overview of Works: | a new site along to Development and the second | |
| Establish two new 400kV double busbars, one at a new site close to Dounreay and the second | | |
| close to Spittal. Construct approximately 15km of new 400kV double circuit underground cables | | |
| from the new site close to Dounreay and Spittal. | | |
| minimum summer rating of 1000MW on each cir | cuit | |
| Project Completion Date | 31/10/2031 | |
| Summary of works in last quarter: | | |
| Change to contracted background has resulted in | a change to scope of TORI. Initial Development | |
| and optioneering works to progress. | | |
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| Summary of works in next quarter: | | |
| Coordination required with Scotwind and Offshore Transmission Network Review workstream. | | |
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| Additional Comments: | | |
| N/A | | |
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| TORI | Scheme |
|---|--|
| SHET-RI-129 - Farigaig SGT1 Upgrade | Farigaig SGT1 Upgrade |
| Overview of Works: | |
| Upgrade the 120MVA 275/132kV SGT1 at Fariga | ig substation to a 240MVA SGT, to facilitate the |
| connection of generation in the area. | |
| | |
| Project Completion Date | 01/04/2024 |
| Summary of works in last quarter: | |
| Project Team assessing the works planned for th | e Farigaig SGT2 upgrade and reviewing |
| implementing these on the SGT1 upgrade. | |
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| Summary of works in next quarter: | |
| Development team engaging on initial optioneer | ring work. |
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| Additional Comments: | |
| N/A | |
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| TORI | Scheme | |
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| SHET-RI-130a - North Argyll - Craig Murrail | North Argyll - Craig Murrail 275kV Operation | |
| 275kV Operation | | |
| Overview of Works: | | |
| Reinforce the network in the Argyll and Kintyre | network to enable 275kV operation of the | |
| network from Creag Dhubh substation (established as part of SHET-RI-013) to Craig Murrail | | |
| Substation. This will require the upgrade of substations on this circuit for 275kV operation. | | |
| Project Completion Date | 31/10/2025 | |
| Summary of works in last quarter: | | |
| Substation Site Selection assessment complete a | and Preferred Sites selected. | |
| Summary of works in next quarter: Stakeholder Consultation to be completed with Public Consultation Events to be held on the Site options and Preferred Sites. | | |
| Additional Comments: N/A | | |



| TORI | Scheme | |
|---|---|--|
| SHET-RI-130b - Craig Murrail - Crossaig 275kV | Craig Murrail - Crossaig 275kV Operation | |
| Operation | | |
| Overview of Works: | | |
| Reinforce the network in the Argyll and Kintyre r | network to enable 275kV operation of the | |
| network from Craig Murrail substation to a new | double busbar substation to be established at | |
| Crossaig. | | |
| Project Completion Date | 31/10/2026 | |
| Summary of works in last quarter: | | |
| Substation Site Selection assessment complete a | nd Preferred Site selected. | |
| Summary of works in next quarter: Stakeholder Consultation to be completed with Public Consultation Events to be held on the Site options and Preferred Site. | | |
| Additional Comments: N/A | | |
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| TORI | Scheme | |
|---|--|--|
| | Brechin 132kV Extension | |
| SHET-RI-131 - Brechin 132kV Extension | BIECHIII 152KV EXTENSION | |
| Overview of Works: | | |
| Construct 2 new circuit breakers at Brechin Gr | rid Supply point. | |
| | | |
| Project Completion Date | 31/10/2024 | |
| Summary of works in last quarter: | | |
| Optioneering and Project Development to cor | ntinue alongside related reinforcement, SHET-RI-120. | |
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| Summary of works in next quarter: | | |
| | ent alongside related reinforcement, SHET-RI-120. | |
| continue optioneering and project development alongside related relinoreement, sher ki 120. | | |
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| Additional Comments: | | |
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| N/A | | |
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| TORI | Scheme | |
|---|--------------------------------------|--|
| SHET-RI-132 - Beauly-Blackhillock High | Beauly-Blackhillock High Temperature | |
| Temperature Reconductoring | Reconductoring | |
| Overview of Works: | | |
| Reconductor the Beauly - Blackhillock 275 kV double circuit line with high temperature | | |
| conductors. The circuits to be reconductored comprise the existing 275kV overhead lines between | | |
| Beauly and Knocknagael, and between Knocknag | ael and Blackhillock. | |
| | | |
| The substation at Knocknagael is adjacent to the | existing Foyers line tee point. | |
| Project Completion Date | 31/10/2026 | |
| Summary of works in last quarter: | • | |
| Subject to acceptance. | | |
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| Summary of works in next quarter: | | |
| Initial Development and optioneering works to progress. | | |
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| Additional Comments: | | |
| N/A | | |
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| TORI | Scheme | |
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| | Beauly-Denny 2 nd Circuit upgrade from 275kV | |
| SHET-RI-134 – Beauly-Denny 2 nd Circuit upgrade | to 400kV | |
| from 275kV to 400kV | 10 400 10 | |
| Overview of Works: | | |
| Upgrade the existing Beauly / Fasnakyle/ Fort Augustus / Tummel-Kinardochy / Braco West / | | |
| Bonny Bridge 275kV circuit to 400kV; mirroring th | ne ratings of the existing 400kV circuit, along the | |
| route | | |
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| Project Completion Date | 31/10/2029 | |
| Summary of works in last quarter: | | |
| Initial Development and optioneering works to pr | ogress. | |
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| Summary of works in next quarter: | | |
| Initial Development and optioneering works to progress. | | |
| initial bevelopment and optioneering works to progress. | | |
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| Additional Comments: | | |
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| N/A | | |
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| TORI | Scheme | |
|---|---|--|
| SHET-RI-135 - Broadford to Edinbane 132kV | Broadford to Edinbane 132kV Reinforcement | |
| Reinforcement | | |
| Overview of Works: | | |
| Construct a 132kV Collector Switching Station at | | |
| Broadford 132kV Substation; add a second 132kV circuit between Broadford 132kV Substation | | |
| and Edinbane 132kV Collector Switching Station, | mirroring the rating of the existing 132kV circuit. | |
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| Project Completion Date | 31/07/2026 | |
| Summary of works in last quarter: | • | |
| Subject to acceptance. | | |
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| Summary of works in next quarter: | | |
| Initial Development and optioneering works to progress. | | |
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| Additional Comments: | | |
| N/A | | |
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| TORI | Scheme | |
| SHET-RI-136 - Blackhillock 400kV Building | Blackhillock 400kV Building Extension | |
| Extension | | |
| Overview of Works: | | |
| Extend existing Blackhillock 400kV GIS building to | allow space provision for additional bays. | |
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| Project Completion Date | 31/08/2024 | |
| Summary of works in last quarter: | | |
| Project initiated, driven by regional connection a | ctivity. | |
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| Summary of works in next quarter: | | |
| Initial development and optioneering works to pr | ogress. | |
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| Additional Comments: | | |
| N/A | | |
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| TORI | Scheme | |
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| SHET-RI-137 - Blackhillock-New Deer-Peterhead | Blackhillock-New Deer-Peterhead 400kV OHL | |
| 400kV OHL | | |
| Overview of Works: | | |
| Establish a new 400kV double circuit overhead lir | ne from Blackhillock to New Deer (60km) and | |
| New Deer to Peterhead (22km). | | |
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| Project Completion Date | 31/10/2031 | |
| Summary of works in last quarter: | | |
| Project initiated. Project driven by regional conne | ection activity and wider system requirements. | |
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| Summary of works in next quarter: | | |
| Initial development and optioneering works to pr | rogress. Project to be prepared for submission for | |
| evaluation in Network Options Assessment (NOA |). | |
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| Additional Comments: | | |
| N/A | | |
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| TORI | Scheme | |
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| SHET-RI-138 - New Deer 400kV Busbar | New Deer 400kV Busbar Extension | |
| Extension | | |
| Overview of Works: | | |
| Extend 400kV double busbar to form 3-section b | usbar at New Deer 400kV Substation. | |
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| Project Completion Date | 31/10/2033 | |
| Summary of works in last quarter: | | |
| Project initiated. Project driven by regional conne | ection activity. | |
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| Summary of works in next quarter: | | |
| Initial development and optioneering works to progress. | | |
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| Additional Comments: | | |
| N/A | | |
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| TORI | Scheme | |
|---|---|--|
| SHET-RI-139 - 2GW HVDC Link New Deer to | 2GW HVDC Link New Deer to England | |
| England | | |
| Overview of Works: | 1 | |
| Install an indoor 2GW HVDC converter station wi | th associated equipment at New Deer Substation. | |
| HVDC cables to be routed into the sea and then s | south towards England (landing point to be | |
| confirmed). This will be a joint project with Natio | nal Grid. | |
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| Project Completion Date | 31/10/2033 | |
| Summary of works in last quarter: | | |
| Project initiated. | | |
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| Summary of works in next quarter: | | |
| Initial development and optioneering works to p | rogress | |
| Initial development and optioneering works to progress. | | |
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| Additional Comments: | | |
| N/A | | |
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| TORI | Scheme | |
|---|--------------------------------|--|
| SHET-RI-140 - Thurso South 275 kV Substation | Thurso South 275 kV Substation | |
| Redevelopment | Redevelopment | |
| Overview of Works: | | |
| Redevelop the existing Thurso South 275 kV substation into a new 275 kV double busbar | | |
| arrangement. | | |
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| Project Completion Date | 01/06/2025 | |
| Project Completion Date | 01/00/2025 | |
| Summary of works in last quarter: | | |
| Subject to acceptance. | | |
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| Summary of works in next quarter: | | |
| Initial Development and optioneering works to p | rogress. | |
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| Additional Comments: | | |
| N/A | | |
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| TORI | Scheme | |
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| | Caithness to New Deer 2 - 2 x 1GW HVDC Links | |
| SHET-RI-142 - Caithness to New Deer 2 - 2 x | Calciness to New Deel 2 - 2 x 10W IVDC Links | |
| 1GW HVDC Links | | |
| Overview of Works: | | |
| Construct 2 x 1GW HVDC links from Spittal to Ne | w Deer 2, including converter stations and | |
| associated equipment. | | |
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| Project Completion Date | 31/10/2031 | |
| Summary of works in last quarter: | | |
| Subject to acceptance. | | |
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| Summary of works in next quarter: | | |
| Subject to acceptance. | | |
| Subject to acceptance. | | |
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| Additional Comments: | | |
| N/A | | |
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| TORI | Scheme | |
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| | Kergord - Gremista GSP 132kV Infrastructure | |
| SHET-RI-143 - Kergord - Gremista GSP 132kV | | |
| Infrastructure | | |
| Overview of Works: | reard substation and Cramista CCD torrainstad | |
| Construct a new 132kV 24km circuit between Kergord substation and Gremista GSP, terminated onto new 132kV feeder bays at Kergord and Gremista. Construct a new Tee point for the | | |
| connection of a wind farm. | mista. Construct a new ree point for the | |
| connection of a wind farm. | | |
| Project Completion Date | 30/04/2025 | |
| Summary of works in last quarter: | | |
| New TORI following re-categorisation of local wo | orks. | |
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| Summary of works in next quarter: | | |
| Initial Development and optioneering works to p | rogress. | |
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| Additional Comments: | | |
| N/A | | |
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| TORI | Scheme | |
|---|-----------------------------|--|
| | New Deer 2 400kV Substation | |
| SHET-RI-144 - New Deer 2 400kV Substation | New Deel 2 400kv Substation | |
| Overview of Works: | | |
| Establish a new 400kV substation close to the pro | | |
| proposed 400kV circuits from New Deer to Peterhead. | | |
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| Project Completion Date | 31/10/2033 | |
| Summary of works in last quarter: | | |
| Project initiated. Project driven by regional conne | ection activity. | |
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| Summary of works in next quarter: | | |
| Initial development and optioneering works to pr | ogress. | |
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| Additional Comments: | | |
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| N/A | | |
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| TORI | Scheme | |
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| SHET-RI-145 - 2GW HVDC Link New Deer 2 to | 2GW HVDC Link New Deer 2 to England | |
| England | | |
| Overview of Works: | | |
| Install an indoor 2GW HVDC converter station w | ith associated equipment at New Deer 2 | |
| Substation. HVDC cables to be routed into the se | ea and then south towards England (landing point | |
| to be confirmed). This will be a joint project with National Grid. | | |
| Drainet Completion Date | 24/40/2022 | |
| Project Completion Date | 31/10/2033 | |
| Summary of works in last quarter: | | |
| Project initiated. Project driven by regional conr | lection activity. | |
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| Summary of works in next quarter: | | |
| Initial development and optioneering works to p | progress. | |
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| Additional Comments: | | |
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| TORI | Scheme | |
|---|---|--|
| SHET-RI-146 - Clash Gour 275/132kV Collector | Clash Gour 275/132kV Collector Substation | |
| Substation | | |
| Overview of Works: | | |
| Reconductor the Beauly - Blackhillock 275 kV do | uble circuit line with high temperature | |
| conductors. The circuits to be reconductored comprise the existing 275kV overhead lines between | | |
| Beauly and Knocknagael, and between Knocknagael and Blackhillock. | | |
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| Project Completion Date | 31/10/2026 | |
| Summary of works in last quarter: | | |
| Subject to acceptance. | | |
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| Summary of works in next quarter: | | |
| Subject to acceptance. | | |
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| Additional Comments: | | |
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| TORI | Scheme | |
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| SHET-RI-147 - Tealing 400kV Substation | Tealing 400kV Substation | |
| Overview of Works: | | |
| Establish a new 400kV substation close to the existing Tealing 275kV Substation. | | |
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| Project Completion Date | 31/10/2031 | |
| Summary of works in last quarter: | | |
| Project initiated. Project driven by regional conn | ection activity. | |
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| Summary of works in next quarter: | | |
| Initial development and optioneering works to progress. | | |
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| Additional Comments: | | |
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| TORI | Scheme |
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| SHET-RI-148 - Alyth – Tealing 400kV | Alyth – Tealing 400kV Reinsulation |
| Reinsulation | |
| Overview of Works: | |
| Re-insulate the 275kV double circuit overhe | ead line between Alyth and Tealing for 400kV |
| operation. | |
| Project Completion Date | 31/10/2031 |
| Summary of works in last quarter: | |
| Project identified. | |
| Summary of works in next quarter: Initial high-level project development, alon inception. | g with initial internal governance activities for project |
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| Additional Comments: | |
| N/A | |
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| TORI | Scheme |
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| SHET-RI-149 - Tealing – Glenrothes Westfield | Tealing – Glenrothes Westfield 400kV Rebuild |
| 400kV Rebuild | |
| Overview of Works: | |
| Rebuild the 275kV double circuit overhead line | between Tealing and Glenrothes-Westfield for |
| 400kV operation. | |
| Project Completion Date | 31/10/2031 |
| Summary of works in last quarter: | 51/10/2031 |
| Project identified. | |
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| Summary of works in next guarter: | |
| Summary of works in next quarter: | h initial internal governance activities for project |
| Initial high-level project development, along with | h initial internal governance activities for project |
| <i>·</i> · · | h initial internal governance activities for project |
| Initial high-level project development, along with | h initial internal governance activities for project |
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| Initial high-level project development, along with | h initial internal governance activities for project |
| Initial high-level project development, along with inception. Additional Comments: | h initial internal governance activities for project |
| Initial high-level project development, along wit inception. | h initial internal governance activities for project |
| Initial high-level project development, along with inception. Additional Comments: | h initial internal governance activities for project |
| Initial high-level project development, along with inception. Additional Comments: | h initial internal governance activities for project |
| Initial high-level project development, along with inception. Additional Comments: | h initial internal governance activities for project |
| Initial high-level project development, along with inception. Additional Comments: | h initial internal governance activities for project |
| Initial high-level project development, along with inception. Additional Comments: | h initial internal governance activities for project |



| TORI | Scheme | |
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| SHET-RI-150 - Inverguie Tee – Peterhead 132kV | Inverguie Tee – Peterhead 132kV | |
| Reconductoring | Reconductoring | |
| Overview of Works: | | |
| Reconductor approximately 6.7km of 132kV OHL | between The Inverguie Tee and Peterhead | |
| 132kV substation. The circuit should be reconductored with a conductor capable of a minimum | | |
| summer pre-fault rating of 226MVA. | | |
| Project Completion Date | 31/10/2029 | |
| Summary of works in last quarter: | · | |
| Project identified because of regional connection | activity. | |
| Summary of works in next quarter: Initial high-level project development, along with inception. | i initial internal governance activities for project | |
| Additional Comments: N/A | | |
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| TORI | Scheme | |
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| SHET-RI-151 - Peterhead – St Fergus 132kV Line | Peterhead – St Fergus 132kV Line Works | |
| Works - | | |
| Overview of Works: | | |
| Overhead line works to bring the 132kV circuit to | o 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. | | |
| Project Completion Date | 31/10/2029 | |
| Summary of works in last quarter: | | |
| Project identified because of regional connection | n activity. | |
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| Summary of works in next quarter: | | |
| Summary of works in next quarter: | h initial internal governance activities for project | |
| Initial high-level project development, along with | h initial internal governance activities for project | |
| <i>, , , ,</i> | h initial internal governance activities for project | |
| Initial high-level project development, along with | h initial internal governance activities for project | |
| Initial high-level project development, along with | h initial internal governance activities for project | |
| Initial high-level project development, along with | h initial internal governance activities for project | |
| Initial high-level project development, along with inception. | h initial internal governance activities for project | |
| Initial high-level project development, along with inception. Additional Comments: | h initial internal governance activities for project | |
| Initial high-level project development, along with inception. | h initial internal governance activities for project | |
| Initial high-level project development, along with inception. Additional Comments: | h initial internal governance activities for project | |
| Initial high-level project development, along with inception. Additional Comments: | h initial internal governance activities for project | |
| Initial high-level project development, along with inception. Additional Comments: | h initial internal governance activities for project | |
| Initial high-level project development, along with inception. Additional Comments: | h initial internal governance activities for project | |



| TORI | Scheme | | |
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| SHET-RI-153 - Spittal 2 275 kV Substation | Spittal 2 275 kV Substation | | |
| Overview of Works: | | | |
| | a to the evicting Crittal 275 W | | |
| | Construct a new 275 kV substation 'Spittal 2' close to the existing Spittal 275 kV | | |
| substation in Caithness. | | | |
| Project Completion Date | 31/05/2028 | | |
| Summary of works in last quarter: | | | |
| Subject to acceptance. | | | |
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| Summary of works in next quarter: | | | |
| Subject to acceptance. | | | |
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| Additional Comments: | | | |
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| TORI | Scheme | |
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| SHET-RI-166 - Tealing – Arbroath 132kV Line | Tealing – Arbroath 132kV Line Works | |
| Works | | |
| Overview of Works: | | |
| Overhead line works to bring the 132kV circuit to ground, including any required modifications. | | |
| 0 | ker with two 132kV disconnectors and associated | |
| protection and control equipment. | | |
| Project Completion Date | 30/04/2026 | |
| Summary of works in last quarter: | | |
| Project identified because of regional connection | activity. | |
| Summary of works in next quarter: Initial high-level project development, along with initial internal governance activities for project inception. | | |
| Additional Comments: N/A | | |