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Function	Major Projects

Meeting	Tealing Substation - Community Liaison Group
Date	7th December 2021
Time	6.45pm – 8.00pm

Tealing Substation CLG Attendees and Apologies:

Attendees	Position
Suzanne Mackay (SM)	SSEN Transmission Project Manager
Louise Anderson (LA)	SSEN Community Liaison Manager
Steven Reid (SR)	SWEL ESI Onshore Works Project Manager
Pauline Allison (PA)	SWEL Stakeholder Engagement Manager
Nicki Donaldson (ND)	Local Resident
Pauline Anderson (PA)	Local Resident
Apologies	Position
Alison Hall (AH)	SSEN Transmission Lead Project Manager
Mr Tom Burke (TB)	Tealing Community Council
Mr Mark McKay (MM)	Local Resident
ClIr Beth Whiteside (BW)	Angus Council - Monifeith and Sidlaw
ClIr Craig Fotheringham (CF)	Angus Council - Monifeith and Sidlaw
ClIr Sheila Hands (SH)	Angus Council - Monifeith and Sidlaw
ClIr Ben Lawrie (BL)	Angus Council - Monifeith and Sidlaw

Minutes

1.0	Introductions and apologies
1.1	No new introductions took place at the 5th Tealing substation CLG meeting as all attendees have been introduced previously. Apologies received from Alison Hall, Mark McKay, Tom Burke, ClIr Fotheringham, ClIr Hands, ClIr Lawrie and ClIr Whiteside.
2.0	Approval of previous minutes and matters arising
2.1	There were no matters arising from the previous minutes.
2.2	CLG 4 minutes were approved. Proposed by ND and seconded by PA.
3.0	Open Actions
3.1	Action 4 – The planting plan referenced at July’s CLG meeting was shared with the CLG members when the draft minutes were circulated on 5 August. A separate meeting was held at ND’s property on 24 November with ND, SM, LA and Martin Sangster (MS), Transmission Vegetation Management Operations Manager to further discuss the screening opportunities and restrictions that SSEN Transmission (SSENT) had. SM confirmed that comments made at this meeting by ND have been taken on board by SSENT and these were taken away to see what could be done with regards to planting near the 2 towers in front of the substation, SM reiterated that SSENT cannot plant directly underneath the towers but are looking at planting at the sides. MS also advised at the meeting that SSENT Ops had future plans to fell the tops of some of the trees and that this work was anticipated to be carried out in Spring 2022. Since the meeting at ND’s property, SSENT have had further discussions and are now arranging for a landscaping plan to be created which will be shared with ND, this is anticipated to be available in the New Year. This action remains open.
3.2	Action 12 – SR advised he was still unclear on the location of the path so this could be investigated by SWEL further and so shared a map that was marked up with where approximately SWEL’s route of stock proof fencing would be installed across the full site to ascertain if this would impact the path ND had mentioned previously. ND was able to show SR on this

	drawing where the path was that the locals could use, and SR advised that SWEL may be able to bring their fence in a bit so as to not remove the path for the locals.
3.3	Action 13 – SR confirmed that discussions had taken place with SWEL’s landscape architect, and they were currently going through possible options. SR and PA to arrange a meeting with ND out with the CLG at her property or via Microsoft Teams to further discuss what can and cannot be done.
3.3	Action 14 – SR has spoken to SWEL’s Contractor who fed back that the road repairs had been executed and there was no deterioration. ND explained that the road down past her house is fine but the road as you leave the U322 up to the T-junction before you turn right to her property wasn’t closed when the repairs were being carried out, so traffic has used it not allowing enough time for the material used to settle. SR to visit site to inspect the road for himself.
4.0	SWEL Project Update
4.1	<p>SR gave an update on the SWEL substation progress. Since the last CLG meeting in July, works internally in the Dynamic Reactive Compensation Buildings have been continuing including installing temperature control units which will effectively harmonise the power from the wind farm before passing it to SSENT’s existing Tealing substation.</p> <p>Internal works on the control building are also still being undertaken. SWEL have been partially hampered in getting materials/resources to site and working in close spaces on these buildings because of COVID so some completion dates have pushed back from what was previously communicated. The control building internal works are expected to be finished by end of 2021, but this may be subject to change.</p> <p>All the civils works within area of where new palisade fence are expected to be complete by mid January 2022, main civil contractor will begin a partial demobilising from site in January. Within the substation platform area works are currently ongoing installing the access road that will be used for when site is energised to allow driving around the equipment, fencing, tarmacking etc. landscaping earthworks are planned to start early Spring 2022 which will include earthworks for landscaping and to finish off drainage outside substation platform to connect to external watercourse</p> <p>Widening and resurfacing works as part of the access road upgrade will be completed by late Spring 22 and will mean a new road up to the A90.</p> <p>The mechanical and electrical (M&E) installation works will consist of connection cables to bring power from SWEL substation to SSENT substation, cables for circuits 1 & 2 are installed, and will be connected in the New year. Ducting for circuit 3 is currently in process around eastern side of site and cable installation will be complete by early Spring 2022.</p> <p>ND asked in terms of energisation and timescales given by SR, would the people that remain on site be undertaking works as noisy as recently experienced by the residents closest to the site. SR confirmed no but advised that there is still significant flooding to east side of the SWEL site following the recent rain fall and to rectify this flooding work will be noisy as SWEL has a pump running to clear the water as there is a collapsed pipe which has partially caused the flooding issues.</p> <p>Energisation of circuit 1 is expected to be Q1 2022, followed by circuit 2 in Q1/Q2 2022 and circuit 3 – Q2 2022.</p>
4.2	<p>SWEL onshore substation works, and onshore cable route works will cease from 23 December until 5 January 2022.</p> <p>General maintenance will be carried out for pumps and generators running between Christmas and New Year, but there will be no physical works being carried out.</p>
5.0	SWEL Cabling
5.1	<p>SR shared a couple of pictures showing the 275kV cable that would connect both substations along with an image showing where SWEL are working on circuit 3. SR explained that in order to route their 3rd circuit they had to cut down trees which was approved by Angus Council, screening is to be planted to compensate the recent tree felling for the installation of the 3rd circuit is being looked at currently by SWEL. The images also showed where connection to windfarm comes in</p> <p>ND advised that she had seen recently scaffolding with white screening being erected. SR explained that this was temporary and was for when the cables are pulled through the ground, they are then connected from the ground up to a sealing end. To connect the cable to the sealing end a dry environment is required to complete these so joints are as clean as possible which is why the screening is required. SR also advised that the scaffolding may remain until January 2022.</p> <p>Both ND and PA raised that soft start at 8am has not been happening, SR advised that SWEL’s Contractor had been spoken to about this, the previous breaking noise was likely when the cable installation contractor was breaking through the concrete of the old runway to install the ducting.</p>
6.0	SWEL Onshore Export Cable

6.1	<p>Completion of the onshore duct installation will be by the end of December 2021. With the completion of onshore cable install for circuit 1 in January 2022, circuit 2 in March 2022, and circuit 3 in May 2022.</p> <p>At landfall a large winch is being used to pull each cable from a boat which then offloads the cables on to the seabed out to the windfarm. It is expected that this work will commence after Christmas. Each cable is floated into the landing point, pulled in and then jointed.</p> <p>Reinstatement of the 19km cable route is expected to be completed by September 2022, the reinstatement can't be started until Spring as generally not suitable to move earth because of the wet ground conditions – can be unsafe to work in and can affect the soil quality.</p>
6.2	SR shared progress photos from all aspects of SWEL works.
7.0	SSEN Transmission Project Overview / Update
7.1	<p>SM gave an overview on the SSENT works and shared updated progress pictures with the CLG members showing an aerial shot of the East of the SSENT substation looking West when trench works, and bases were being installed along with pictures showing the new busbar equipment that has been installed and a marshalling kiosk.</p> <p>Since the last CLG an outage was taken on 21 August on circuit XT2 to return this to final position, consequently this was energised on 15 September, the same outage was taken on main busbar 1, phase 2 and the project remains on project to energise the completed bar for 21 December.</p> <p>The project did experience some issues with storm Arwen, but the project remains on programme for dismantling works to take place during December and in the New Year there will be some circuit transfers and protection changes carried out and then demobilisation will take place in March 2022.</p>
8.0	SSEN Transmission Upcoming Works
8.1	<p>Following letters being sent to residents on 23 November, SM provided an update to the CLG members on planned future works at the SSENT substation. As part of the wider East coast onshore 275kV upgrade reinforcement there is a requirement to install 2 new phase shifting transformers (PSTs) at the existing SSENT Tealing substation and these will be situated in the newly constructed extension. These works were part of the original planning application that was submitted to Angus Council via SWEL on 5 of July 2019. In addition to the PSTs being installed there is also a requirement to replace an aging Super Grid Transformer which is coming to the end of its operational capabilities and to efficiently deliver the next phase of necessary upgrades to the substation with as limited impact to residents and the surrounding community as possible SSENT will deliver both projects as one.</p> <p>Works are expected to commence in quarter 3 of 2022 and be complete by October 2023.</p>
8.2	<p>SM confirmed that these future works are not as big as the current construction works that have been undertaken in extending the substation and replacing the busbars.</p> <p>The new works will consist of excavating new foundations and building 3 concrete bunds for the 2 PSTs and SGT. There will be some demolition works to break out the foundations, but not to the extent of noise that residents have heard on the current construction activities</p> <p>The new SGT will be located near the gate to the site., SSEN T have to remove the old transformer, then put in new base, foundations, equipment and then carry out works in the control room to connect the SGT to the rest of the equipment within the substation.</p> <p>There will be 3 big deliveries of key assets, these being the 3 new transformers.</p>
8.3	<p>SM advised the CLG members that Tealing substation is a strategic hub with a number of circuits coming into it which is why so much work has taken place recently with SSENT's plans for the wider East coast onshore 275kV upgrade reinforcement.</p> <p>Construction works will cease from 24 December until 4 January 2022 at the existing substation. SSENT's Operation Teams may still access the site during this time. No major works are expected to be carried out w/c 20 December as the site prepares to close.</p>
9.0	SSEN Transmission Traffic Route
9.1	<p>An update was given on the current 40MPH restriction that is in place along Emmock Road. The current 40MPH speed restriction will be lifted in December when the site closes for the festive period and will be reinforced in Quarter 3 2022 for the new upcoming works.</p> <p>Speed radar signs will also be installed as part of the 2022 works along with speed bumps on the SSENT access road into the substation to help encourage all road users and those attending site to adhere to the speed restrictions.</p>
10.0	Community Queries

10.1	ND asked both SSENT and SWEL to make sure lights remain switched off for both sites over Christmas while the sites are closed. Contact number to be provided by SWEL in case a light is left on when general maintenance is being carried out and to ensure no disturbance to residents while the site is closed for festive period.
10.2	PA asked about both sites working times after Christmas, SWEL to confirm if extended working will continue in New Year. SSENT confirmed their hours will remain as they are currently Monday – Friday 7am-9pm and Saturday – Sunday 7am-6pm.
11.0	AoB
11.1	NTR
12.0	Date of next CLG
12.1	April 2022. Exact date to be confirmed in due course.

Actions.

Number	Action	Owner	Open/Closed
4.	<p>SM & AH to speak to SSEN Transmission Operations about what if anything can be done by ways of alternative screening of the existing substation instead of trees or bushes.</p> <p><i>CLG 2 Note: AH spoke to Ops who advised they didn't have anything in the plan currently because of ongoing works. They will go look at the planting and will have a Consultant look at screening and create a work scope. No timeline yet, but we will ensure an answer is provided. Will speak to them again about alternatives to screening that don't include trees/bushes.</i></p> <p><i>CLG 3 Note: AH Provided an update that SSEN Transmission Ops had arranged for a consultant to attend site to look at the screening as part of a wider scope of works. The consultant is still to create a specification of works to be carried out and this is anticipated to be received next month for Ops to review. Further update will be provided at the next CLG.</i></p> <p><i>CLG 4 Note: AH and SM provided an update that SSEN Transmission Ops Consultant had shared a planting plan but unfortunately it was for an area only on the west side, not the north which is the area of the site that affects ND. The area exposed is under 2 circuits which ND understands and therefore instead of trees or bushes asked could a bund be put in. TB also requested to see the planting plan and report from the Consultant. AH advised SSEN Transmission would go back to Ops again and the planting plan would be shared with the draft minutes. AH confirmed she hadn't seen sight of the Consultant Report and so would have to confirm with SSEN Transmission Ops if this report could be shared externally.</i></p>	SM/AH	Open
12.	<p>SR to confirm whether resident access to previous path along old runway will be reinstated following the project.</p> <p><i>CLG 4 Note: SR requested further clarity on the location of the path so this could be investigated by SWEL further. ND highlighted the area in question on a drawing that SR shared but suggested it would be clearer if SR carried out a site walkover to understand the path she was referencing.</i></p>	SR	Open
13.	<p>SR to speak to SWEL's landscape architect to see if anything can be done to increase foliage, along with if anything out with the box that could be done as an alternative solution to screen SWEL site better from Balnuith. Along with investigating on outcome of previous talks for planting on land owned by owners of 17 Acres.</p> <p><i>CLG 4 Note: SR confirmed that discussions had taken place with SWEL's landscape architect, and they were currently going through possible options. SR and PA to arrange a meeting with ND out with the CLG at her property or via Microsoft Teams to further discuss what can and cannot be done.</i></p>	SR/PA	Open
14.	<p>Road surface improvement works carried out do not seem to have held which may have been down to the movement of vehicles through the road during or just after the road works. SWEL to speak to the Contractor to establish if anything further can be undertaken to assist the road condition.</p> <p><i>CLG 4 Note: SR has spoken to SWEL's Contractor who fed back that the road repairs had been executed and there was no deterioration. ND explained that the road down past her house is fine but the road as you leave the U322 up to the T-junction before you turn right to her property wasn't closed when the repairs were being carried out, so traffic has used it not allowing enough time for the material used to settle. SR to visit site to inspect the road for himself.</i></p>	SR	Open

15.	SR to provide contact number for over Christmas break if there are any issues with SWEL site when general maintenance is being carried out to ensure no disturbance to residents while the site is closed for festive period.	SR	Open
16.	SR/PA to confirm if SWEL's extended working hours will continue in New Year	SR/PA	Open