

JOINT PLANNING COMMITTEE

Minutes

Tuesday 26th January 2016
Teleconference & WebEx

Attendees:

Brian Punton	SHET	David Adam	SPT
Julian Leslie (Chair)	NGET	Diyar Kadar	SPT
Craig McTaggart	SPT	Hannah Kirk-Wilson	NGET
Keith Dan	NGET	Xiaoyao Zhou	NGET
Nick Harvey	NGET	James Cooper	NGET
James Whiteford	NGET	Vivien Hobbs (Technical Secretary)	NGET

Apologies:

Andy Huthwaite

1. Introductions

- 1.1. This was our first meeting conducted as a Teleconference and WebEx. There was an issue that at least one of the members of the Committee was unable to view the WebEx. Also to note that not all teleconference numbers worked (just the Birmingham number).

2. Apologies for Absence

- 2.1. Received from Andy Huthwaite.

3. Safety Moment

We had two safety moments shared:

- 3.1. Winter Driving warning from JL reminding us to be careful when setting off in the mornings due to the low sun in the sky and also to ensure that windscreen washer bottles are topped up and include an anti-freeze.
- 3.2. BP made us aware of a recent fatality where someone was crushed by heavy plant similar to an incident experienced a few years ago by SSE. A reminder to ensure that when on site working in or around plant to keep a healthy distance and don't approach it unless you have been seen by and received acknowledgement from plant driver before you enter designated areas.

4. Sign off minutes from last meeting

- 4.1. Minutes were reviewed, accepted and signed off
- 4.2. Action **042915-01** updated to reflect that BP was seeking clarification regarding beginning a CION for North Connect rather than proposing that one should be started. JL provided a further update which is detailed under that action.
- 4.3. Action **0127-06** amended to request NG PLD exchange process to be circulated.

5. Review actions from last meeting

Actions were reviewed. Completed, ongoing and new actions are identified on the attached Actions Register. The following follow-up / ongoing actions identified:

- 5.1. **100615-01 Action:** Share latest organograms of the SO entity to JPC parties (JL)
- 5.2. **1013-01 Action:** Concerns remain on the sensitivity of data required in order for OTSDUW parties to undertake their necessary studies for compliance. JL to consider options available.
- 5.3. **1125-04 Action:** Struggling to find a copy of the Boundary of Influence paper, KD to chase Stewart Whyte for the paper to circulate. VH to chase KD
- 5.4. **0127-04 Action:** Rolled over – no update on NG PLD exchange – Interconnector NorthConnect/Blythe CION process.
- 5.5. **0127-06 Action:** NG PLD exchange process flow chart shared at the meeting. Comments requested from all parties by Friday 6th November 2015. Rolled over as flow chart not circulated.
- 5.6. **042915-01 Action:** BP updated that Ofgem are in a minded to position that for any interconnector applying for a Cap and Floor a CION would be required. Therefore for North Connect it would be beneficial to start developing a CION? **JL provided an update stating that Ofgem say it is preferable that a CION is completed ahead of going through the Cap & Floor Process. North Connect are discussing with NG kicking off a CION ahead of the Cap & Floor process which opens in March.**
- 5.7. **042915-02 Action:** Revised ToR written for JPC-OC group and circulated for comment. Will be raised at next JPC-IP meeting at the end of October.
- 5.8. **042915-08 Action:** We are getting Office 365 rolled out across NG next year. This will provide the ability to share files on SharePoint with external parties. This will be hosted on NG servers and is the preferred solution. NGET is waiting on confirmation from SPT that this works for them. Action for all on agreement on SharePoint as appropriate method for file sharing by 9th Oct.

BP believes there are issues with SharePoint – happier with LiveLink. XZ to look into using the facility provided on LiveLink for NOA to see if this can be used?
- 5.9. **042915-12 Action:** Interconnectors are being reviewed by an SQSS group, looking to be taken forward in the panel. This amalgamates some of work done by SW with future work on interconnectors. Gone to SQSS panel for review. Interconnectors included in studies and currently around 5 year horizon a deficiency is shown in generation if the market arrangements we currently have are not taken into account. The methodology for security criteria shows that there is an issue with security, although this is not necessarily the case. The role of I/C in security of supply needs to be defined. Where the assessment of boundaries for economy and security criteria show flows in different directions, further assessment is done on the security criteria. The NOA and SOF need to reflect concerns on security issues. This can be addressed through two possible SQSS mods – one in general and one specifically related to security. JL to speak to Graham Stein on update with GSR012 and expected timescales. GS has now changed roles so JL to follow up with Xiaoyao.
- 5.10. **042915-13 Action:** This concerned additional information provided to generators to help them with the offer application and in developing a commercial business case. NGET has produced a range of additional information which could be provided and this is with Ivo and Mike Oxenham to discuss as an approach with the TOs ahead of going to Ofgem. Thinking about putting out an SO position statement of what to expect. HKW to follow up with Ivo for progress on this.
- 5.11. **100615-03 Action:** Disparity between Stage by Stage and Final PLD documents. – Feedback to be provided by JW from last JPCOA meeting.

- 5.12. **100615-04 Action:** JL to speak with Ofgem to see if can share IOTP report. **Action closed but a link to the report to be sent out with next set of minutes.**
- 5.13. **100615-05 Action:** NH to lead on agreeing approach to HVDC. **Action closed with JPC-IP to draft a set of words setting out the standard.**
- 5.14. **100615-06 Action:** NH to draft terms of reference for a NOA subgroup.
- 5.15. **100615-07 Action:** HKW to circulate ToR for modelling to representatives and for JPC representatives to sign off by circulation.
- 5.16. **100615-08 Action:** JW to circulate ToR for review and agree by circulation.
- 5.17. **100615-09 Action:** All to check that these are the most up to date ToR and if there are any that have been agreed.
- 5.18. **100615-11 Action:** DA to raise a relevant grid code modification relating to the Grid code DRC schedule of what data can be shared which currently restricts TOs from having generator charts. This additional information is required to enable the TOs to accurately model their networks. Common application of volts. There has been a proposal from NGET to change the voltage unbalance figure, currently set in the Grid Code to 1% for E&W and 2% for Scotland to 1.5% GB wide. For NGET moving from 1% to 1.5% is a relaxation but for Scotland moving from 2% – 1.5% is a tightening of requirements. The impacts of this have not been assessed and it could potentially trigger reinforcement works.

6. Northern Security – JL

- 6.1. Slides shared on WebEx during the meeting. JL took the JPC through the background to this report which is an annual update on the security and operability of Scotland post closure of Longannet.
- 6.2. JL explained that the timeline agreed was to ensure a proper and thorough job and that the report would include all aspects of Security of Supply, including Black Start, also that the report would best sit after the parliamentary elections – aiming for early August.
- 6.3. Slides highlight actions taken since last year and looking forward to 2016/17 and then forwards to 2018-2015
- 6.4. Discussion around High Volts around the Christmas period and commissioning of reactive compensation before Christmas if possible.
- 6.5. JL thanked TOs for their time spent agreeing the TORs and providing data and support in the process for creating the report.

7. Sub-Group Reports

7.1. JPC-OA – JW

- 7.1.1. Next meeting on the 11th Feb 2016
- 7.1.2. Meeting with Ofgem in December to talk about the SO/TO funding mechanism. Agreed to have more emphasis in the JPC-OA looking at longer term boundary constraints and trying to optimise plans to ensure that we were minimising costs when it comes to delivery. This may affect the TOR and if so these will be circulated following the meeting on the 11th.

7.2. JPC-IP – NH

- 7.2.1. Most items already talked about when going through earlier actions.

- 7.2.2. Discussion have been had around SRFs and cross boundary SRFs information exchange regarding the process and how it will feed into NOA and future NOA requirements, timing etc.

7.3. JPC-OC – HKW

- 7.3.1. Given the state of offshore at the moment and the conclusions of the IOTP report, which talked about there not being the drivers for integration between projects, the JPC-OC have proposed to mothball the group until such point it makes it worth meeting again.
- 7.3.2. JPC agreed this was a reasonable suggestion.

7.4. JPC-JDSL – HKW

- 7.4.1. Agreement to keep SPT-JDSL but to reduce down to a conference call and strip out duplicate items discussed at the full JPC.

7.5. JPC-Modelling -

- 7.5.1. Meeting focussed on ETYS and the future NOA data exchange. Main discussions around making the process more efficient.
- 7.5.2. Also looking at harmonising the wind farm dynamic model currently being used across all three parties. Checking with Generator Compliance that the model aligns with testing results and if this is the case a paper will be raised to the JPC detailing the consistent wind farm model that will be used across the three TO areas.
- 7.5.3. Week24 Generator Data audit taking place.

8. NOA Terms of Reference – NH

- 8.1. Discussion around combining the NOA and ETYS subgroups. Decision to combine the ETYS and NOA TOR.

8.2. ACTION 260116-01 NH to draft and circulate for comment.

9. Embedded Generation Update – JL

- 9.1. Ofgem have sent a letter to National Grid as System Operator and all the Distribution Network Operators around the impact of Embedded Generation and what the respective roles are for each.
- 9.2. The letter sets out that the responsibility for the Transmission Network is the System Operator and therefore we need deal with whatever situation we are provided but it also makes very clear that the DNOs have to take a fully engaged and active part in ensuring that the correct solutions are put in place and that they work very closely with the SO to ensure that the effect of embedded generation on their network are mitigated in the best way possible from a technical and consumer perspective.
- 9.3. They also placed an action on the Energy Network Association (ENA) to lead a group, which is the Transition Distribution Interface Steering Group. The first meeting was held in December with a remit to report back to Ofgem before May this year with a process of how the SO and DNOs are going to work together and how the solution for the technical and consumer perspective will be identified.
- 9.4. In terms of volume by March this year we will have 23GW across GB of embedded generation of which 11GW will be solar mainly in the south. We believe 4-5GW was connected between 2015 and March 2016.

9.5. ACTION 260106-02 JL to circulate Ofgem letter

10. Update on proposals for strategic wider works

10.1. NGET – JR

10.2. SPT – DA

- 10.2.1. Beaully-Denny – a few final works to complete at Denny this year which will see the Denny-Bonnybridge circuit commissioned due mid-2016

10.3. SHE Transmission – BP

- 10.3.1. Beaully-Denny completed in December, fully commission and in service.
- 10.3.2. Beaully-Blackhillock control reconductoring project finished prior to Christmas as is operational.
- 10.3.3. Kintyre-Hunterston Project – one subsea cable in service, 2nd link due to commissioned w/c 15th February
- 10.3.4. Cathness-Moray is proceeding to plan. On track to complete mid 2018.
- 10.3.5. Scottish Island – remain ready to submit need cases if required.

11. Joint projects

11.1. SPT

- 11.1.1. Series Compensation is continuing to progress. 3 out of 4 capacitors in the SPT area have been commissioned. Eccles 2 is the remaining capacitor and outages have been agreed for June/July this year.
- 11.1.2. Western Link – ongoing discussions around the on-board testing programme being undertaken in Spring/Summer of next year.
- 11.1.3. NSN Interconnector and associated works to be included in the list

11.2. SHE Transmission

11.3. NGET

- 11.3.1. Western Link- some investigation into an operational tripping scheme.
- 11.3.2. Blythe – plan for 400kV sub. DA concerns around protection of control arrangements given that these are series compensated circuits.
- 11.3.3. ACTION 260116-03 JC to find out who is leading the Blythe scheme and put them in touch with DA regarding protection arrangements.**

12. Reports from other working groups

12.1. ENSG – JL

- 12.1.1. Reported back on ETYS and the SOF.
- 12.1.2. Reported back on Embedded Generation and how we are working with the DNOs in finding some short term solutions particularly in the South of England.

12.2. SQSS – BP

- 12.2.1. Significant discussions around the review of the offshore criteria and the SQSS.
- 12.2.2. Discussions around Interconnector security and FES 2015

12.2.3. Working Groups:

- 12.2.3.1. GSR18 – Treatment of Sub-synchronous oscillations – significant progress
- 12.2.3.2. GSR19 – Chapter 7 Single/Double Bus Bar requirements – moving towards conclusion
- 12.2.3.3. GSR20 – Single Transformer Offshore Substation – moving towards conclusion
- 12.2.3.4. 220kV Operational and Planning Criteria – been to consultation and close to concluding
- 12.2.3.5. New working group due shortly on Security and Economy within the SQS

12.2.4. Still waiting for Ofgem feedback on regional variations GSR008

12.3. STC – JL

- 12.3.1. Licence obligation to review the STCs which are impacted by ITPR and the NOA process. This is being coordinated by James Whiteford.

12.4.ENTSO-E – BP

- 12.4.1. Generator banding discussion to be had. This is being led by ENTSO-E. JL – this discussion seems to be whether with align with the European banding or do we try to influence and get our own.

13. AOB

13.1. BP – Interpretation of SQSS

- 13.2. BP shared some slides to illustrate the data being looked at and where it is leading us in terms of wider scaling factors for Section 2 Studies and how this will feed in to the East Coast Review being carried out, and what it means with regards to changes in TOCOs and TORIs.
- 13.3. Section 2 Studies are predominately about the local connection of generation, the local assets. The wider system can have a significant impact on your study and can drive wider works into the enabling category. There is an inconsistency being seen between SQSS studies and CBAs that are not giving out the same signal to reinforce. Undertaking a significant review of East Coast system and the requirement for reinforcement in that area, looking at the dependencies that are in generation TOCOs at the moment, seeing which TOCOs have enabling works based on works regarded as Strategic Wider Works, like an East Coast Reinforcement. A lot of the scopes of works have been recut to be in line with the NOA submission and a lot of studies have been carried out to check if wider works should actually be enabling works in the generator contracts. This is the starting point when looking at what the wider system scaling factors should be when looking at a Section 2 study. The local situation being 100% of connected generation at the point of connection but the wider system, what should that be in terms of scaling factor.
- 13.4. Proposal to use 50% load factor on wind in Section 2 studies in the Summer.
- 13.5. JC contributed that similar studies had been carried out in E&W will very similar results.
- 13.6. **ACTION 260116-04: BP to write a paper to be circulated to the JPC for agreement.**

13.7. ACTION 260116-05: DA to try and replicate studies in SPT area to get a GB wide result.

13.8. ACTION 260116-06: JC to share E&W results with the JPC

13.9. DA request to include FES Scenario to be used for ETYS and NOA 2016 dataset on next JPC agenda.

13.10. ACTION 260116-07: Add FES Scenario on next JPC Agenda

14. Dates of next meeting

14.1. 26 April 2016 – Blantyre

14.2. July 2016 – Newbridge

