

Joint Planning Committee – North Planning Subcommittee

Tuesday 14th January 2014
Ramada Encore Hotel, Birmingham

Attendees:

Brian Punton	SHET	Mike Barlow	SHET
David Adam	SPT	Andy Hiorns	NGET
Mark Perry	NGET	Kelvin Lambert	NGET
Keith Dan	NGET	Stephen Nyemba	NGET
Richard Proctor	NGET	Bieshoy Awad (Technical Secretary)	NGET
Xiaoyao Zhou	NGET	Vivien Hobbs	NGET
Duncan Hughes	NGET		

Apologies

Stewart Whyte	NGET
Dave Carson	SPT

1. Sign off minutes from last meeting

- 1.1.** Minutes were reviewed, accepted, and signed off. An up to date version is attached to this document.

2. Review actions from last meeting

- 2.1.** Actions were reviewed. Completed, ongoing and new actions are identified on the attached Actions Register and as requested during the meeting have been indexed.

The following follow up actions were identified:

1013-01 Action: Concern raised with respect to the arrangements in place for OFTO's to ensure confidentiality of information. This has been previously raised with Ofgem, if no clear response has been received from Ofgem; we may need to raise our concerns again. It was noted that there was ongoing discussions with Ofgem. ***BA to provide an update on progress.***

- 2.2. 1013-03 Action:** JPC does not cover Yr1 & 2 but concerns raised by AH that lessons learnt from Yr1 & 2 should be fed back to JPC to ensure appropriate actions are taken forward

- 2.3. 1013-07 Action:** NGET confirm that no application had been received, but we had been requested to undertake a joint study to determine optimum landing point. ***Recommend JPC to sign off ToR and study results and ensure joint planning.***

- 2.4.** Discussion around Dynamic Line Ratings and how they work, they are included in the ETYS but probably not in very much detail.

0114-01 Action: Mark Osborne to provide an update on the success around the Humber Smart Zone.

- 2.5.** Discussion around how the schemes can be designed with regard to ANM.

1013-09 Action: NGET to provide any requirements on the Loch Luichart ANM scheme urgently.

BA to write a note to the JPC on lessons learnt and for future schemes and includes background info. BA

1013-10 Action: NGET to clarify the main application of the SHE Transmission Wider System ANM scheme. **Ongoing BA to write a note on what we envisaged/how it's going to be used. BA**

- 2.6. Discussion around Longannet Intertrip Planning request - impact or scope of works required on upgrading Comms link between Longannet and Peterhead with a direct fibre Strathaven/Peterhead solution - need to look at costs against whether Peterhead is required as part of the OTIS. The panel feel this can be fairly quickly resolved once a steer has been received from the SO. BA sent brief note to BP on what the plan is on the SPT side. BP asking for advice from the SO to the extent that they believe there is a business case OTIS upgrades.

0114-01 Action: NGET to provide estimates on what the benefits of undertaking this upgrade is recognising the estimated capital cost. BA

- 2.7. VH updated the panel on the current state of play with the Construction Planning Assumptions and proposed resolutions to make information timely and accessible

Short Term - current CPAs being updated from July 2013

Longer Term - looking to change how information is accessed via the TEC Register by Scottish TOs by means of a change to the STCP and provision of useful guidelines on ranking. Graham Stein to lead.

2.8.

2.8.1. AH updated the Committee on progress regarding the clarity around how Embedded Small Power Stations are being treated in the SQSS. A working group led by Vandad Hamidi has produced some draft proposals and has now been asked to provide some worked examples of how the new wording would be applied. .

2.8.2. BP agreed that this was a complex area which needs considering, ensuring it doesn't circumvent economic and efficient planning of the network. DA raised a concern that the CPAs don't contain BELLA's. BA explained CPAs do have some BELLAs but not all of them. This is due to a shortfall in current process that uses the TEC register as a base for the CPAs. BELLAs have no TEC and hence are not included in the TEC register. It is planned to address this as a part of the review of the CPAs process.

2.8.3. AH - concluded that we examine options to address these issues; clearly any change to the STCP will need all parties to agree. When there is some clarity of what the options are, a paper will be presented to JPC.

0114-03 Action: Embedded generation, smalls and BELLAs remain an issue as they aren't included on the TEC Register, NGET to look into extracting that information from the Week 24 submissions. **BA**

- 2.9. 33kV Assets - BP - requested a steer on this as offers are being made on 33kV transmission assets and there is a need to agree whether this is the right thing to do.

AH - Requested to prioritise this item due to internal pressures - re: planning and modifying systems to a 33kV level.

1013-25 Action: NGET to share views on connections on subtransmission voltages with SPT and SHET. **More clarity required. High priority. BA**

2.10. Boundary of Influence -

Where is the Bol and does the Western HVDC link change it? And what is the Bol for OFTOs once they have signed?

1013-28 Action: Investment Planning Subgroup to add Bol on the agenda for the next meeting. **SW/AH**

3. Sign off the Terms of Reference for the JPC and the Subgroups

3.1. Discussion around TOR for Operational Assessment Subgroup. Concern raised that there are issues that have been identified in Yrs 1 & 2 which resulted in not all outage requests being granted. It could be that the combination of outages requested couldn't be accommodated, or in some cases there may be compliance issues which prevented adequate access windows. Investment Planning Group needs to determine whether this is a generic issue that requires additional transmission capacity.

3.2. It was noted that JPC is enacted under STCP16.1 which only talks about Yrs 3 - 8. So if the JPC wishes to consider Yrs 1 & 2, one method would be to update STCP16.6 to include Yrs 1 & 2 or merge them with STCP11.1. Alternatively we could update STCP11.1 to ensure appropriate feedback is provided to allow JPC to review lessons learnt.

0114-04 ACTION: JPC Recommend that STCP11.1 is updated provide feedback on the outage plan for Yrs 1 & 2, including lessons learnt, to the Operational Assessment subgroup. The Subgroup then reviews and passes the issues to the appropriate group then coordinate and feedback up the JPC.

3.3. All TORs for Subgroups are now signed off.

4. An update on PLDs

4.1. SHE Update:

Yrs 1 - 4 were issued around September 2013. By the end of last week (w/e 10/01) all MITS PLDs and PLDs associated with the Network itself for Yrs 4 - 10 were issued. There are still some outstanding PLDs on asset replacements and connections which are due before the end of January. Approximately 12 PLDs.

4.2. SPT Update

All PLDs (which reflect everything captured in the ETYS networks) with the exception of Asset Replacement Schemes should have been issued.

0114-05 ACTION: DA to check against the current list of TORIs to see if any have been overlooked.

4.3. NGET Update

Completed but issue around who to pass them to. Non-Load related PLDs are still being processed

0114-06 ACTION: Confirm who recipient/post box is within NGET. **BA**

0114-07 ACTION: Provide an update on the progress of non load-related PLDs. **MP**

5. High Voltage Control Issues

- 5.1. Concerns were noted with respect to high voltage control issues in Scotland. The Investment Planning Committee has been invited to undertake a joint TO study to determine actions to be taken, in planning timescales, to address issues. (Proposed Joint Study on the IP agenda for next month (7th February)). JPC-IP requested to provide a report on timescales and progress to next JPC meeting - Action SW.

6. Scottish Demand Security

- 6.1. With potential closures and low availability of generation in Scotland, concern was raised that there may be risk to demand security in Scotland before and after the completion of the Western HVDC link. JPC-IPC requested to undertake a joint study to determine future Scottish import capacity, and identify/quantify and demand security risk.

JPC to support the initial studies, target end of February for having first tranche of studies and offer to sit down with Prof. Keith Bell to share findings.

0114-08 ACTION: Request SW to put a note to the JPC after the IPC meeting on the 7th Feb to confirm what they have agreed to do and the timescales.

0114-09 ACTION: AH to contact Prof. Keith Bell to ask if there is anything he needs from us to support his work, if not then offer a meeting after then end of February to share our findings.

7. Report back from the Subgroups

7.1. Coordination and Progress Review (Bieshoy Awad)

- 7.1.1. Regular separate meeting with TOs (but not yet achieved a tri-party meeting). Tried to list all the connections that are in the Bol for each TO.

- 7.1.2. A lot of interest on the Southern part of SPTs areas. NGET has been using the Harker SGT3B to ensure demand security for the Hutton Harker group during some outages in E&W. As new generators connect to the system, there might be some increase in constraints cost. There may be also an access issue if both TOs need to take outages on the same time. Additional investment may be required to address these issues. This will need to be coordinated between NGET and SPT.

0114-1 ACTION: BA to provide background to DA on the outage combination conditions that require NG to use Harker to secure demand for E&W and liaise with Investment Planning committee.

- 7.1.3. Discussion around ensuring no offer goes out that is still in dispute. AH recommends that potential issues are flagged to himself and BP/DC to resolve.

TARGET: No offers with disputes to go out that haven't at least been discussed at a reasonable level.

- 7.1.4. Non Firm Connections statement to be revised. Some Users have very limited access. AH - has clarity been given that non-firm actually means "none or very limited access"? But to note that this is the contracted position and that, as some generation may fall away, access may increase.

Transparency should be given to customers with their offers with regards to non-firm capacity.

NGET are to consider how to communicate / manage Users expectations regarding the extent of access restrictions which they may experience when accepting 'non-firm' connection offers.

0114-11 ACTION: AH to reflect and put a paper together on non-firm access.

A note was made on the complexity of intertripping schemes in some areas of the network. With a large number of Users opting for non-firm connections, the number of overlapping intertripping schemes is rapidly increasing and there might be some challenges in coordinating the operation of these schemes on real time.

0114-12 ACTION: JPC Operational Assessment Subgroup to advise on the acceptable level of complexity for Operational Intertripping schemes/ Active Network Management Schemes.

- 7.1.5. Some Users apply for a non-firm connection and should be restricted up to the completion of some Enabling Works. However, due to the construction programme of other firm User(s), the non-firm User will not be restricted at all hence there is no actual need to include intertrips and/or generation restriction clauses. However, this would cause some risks if the Works required to ensure firm access are delayed. AH/DA pointed out that the contracts for both firm and non-firm Users will have to be managed together to mitigate this risk.

0114-13 ACTION: Discuss generic issue with Commercial and put some clarity around the process both for internal guidance and publicly for generators to view how we will be considering the application. Set up meeting with John Twomey, AH & BA.

7.2. Modelling group (Xiaoyao Zhou),

- 7.2.1. Looking at how we're making data in transmission to upload into Power Factory.
- 7.2.2. Looking at harmonizing 2 Scottish models into a single Scottish model taking into account across all timescales.

7.3. Investment Planning (Richard Proctor)

- 7.3.1. Meeting scheduled for 7th February in Glasgow.

7.4. ETYS coordination (Richard Proctor)

- 7.4.1. In process of setting up review meeting to go over learning points from production of the last publication and to begin formulating a plan for 2014.

0114-14 ACTION: Prepare a note for JPC on lessons learnt and proposals for taking them forward, and any issues the JPC are required to intervene on. RP

7.4.2. AH raised Ofgem Consultation on ETYS. NG have a couple of concerns - ODIS and SYS timelines were dropped together and requires more thinking about and concern over Ofgem 42 day scenario review period.

7.4.3. AH raised if the ETYS group are going to review all the STCPs that currently relate to SYS and update them.

0114-15 ACTION: Set target to review and update relevant STCPs fro ETYS. RP

7.5. Offshore coordination (Keith Dan)

7.5.1. OFTO transition is not covered by STCP18-1. Question over whether the ultimate transition to the OFTO regime ought to be under a different STCP or not.

0114-16 ACTION: KD to draft some proposals to share with the JPC.

7.5.2. Voltage control issue - meeting due on 15th Jan.

0114-17 ACTION: KD to provide a brief following the meeting.

7.6. Operational Assessment (Stephen Nyemba)

7.6.1. Initial Outage Plan reviews

A question was raised on which generation background should be used to assess the outage plan against. The contracted position is suitable for assessing constraints costs. However, where these costs are used as a basis to alter/modify the design or to trigger additional investment, a range of scenarios, e.g contracted/ Gone Green/ Slow Progression, and sensitivities around them have to be considered. This will have to be coordinated with the Investment Planning Subgroup. The Investment Planning Subgroup will be involved in establishing the ToR for that specific project including generation background(s).

7.6.2. Operational Assessment Report

PLDs no longer have requirement to list Outages.

0114-18 ACTION: OA Group to review and update relevant STCPs and update PLD pro-forma.

0114-19 ACTION: OA Group to update and re-circulate ToR following meeting in March.

7.6.3. DA raised that Investment Planning Subgroup should have visibility of report or summary of assessments carried out to provide advice of what studies need to be done to inform the Investment Planning process.

7.7. General

0114-20 ACTION: All subgroup to inform JPC on proposed timescales for updating STCPs. JPC will then feed this back to the STC committee.

8. An update on proposals for Strategic Wider Works and joint projects

- 8.1. MB circulated some slides highlighting the projects that are tabled, those that are complete, under construction, and in development. Beaulieu-Denny should be substantially complete by the end of this year. SHET to share Western Isles analysis with NGET to review/sense check.
- 8.2. DA - three schemes, firstly, East Coast 400kV upgrade with reinforcement south across B5 which may be phased so that East Coast comes first and Denny-Wishaw upgrade to follow on as a separate project. Second is the East Coast HVDC link and thirdly is South West Scotland (re-building the existing 132kV network in Dumfries and Galloway) to address asset replacement needs and new generation connection climates in the area. AH highlighted the need to think about impact across the B6.
- 8.3. AH queried the status regarding Series Compensation - SPT remains on programme, continuing to work towards completion in late 2015. Contracts placed. Designs for capacitors have been finalised and detailed designs for 2 units at Eccles are being finalised now.
- 8.4. DH - Eastern Link - pre-construction work continues, scope of work is being reviewed. Discussion around governance - feeding back into the JPC (via the Investment Planning subgroup) to reinstate working group once there is a strong need case for the project.
- 8.5. Ofgem requested copy of CBA Report for the work done last year for the inclusion and strategy for doing the Scottish Onshore Works first and doing the Eastern Link at an earlier date which is being written up at the moment. AH to review before it goes.
- 8.6. DH updated the JPC on changes to the National Grid Strategic Wider Works Team.

0114-21 ACTION: Before the next ENSG Meeting JPC to hold a teleconference to share rationale for the selection of projects included in the ENSG templates?

9. Reporting from other Working Groups

- 9.1. ENSG:
 - 9.1.1. Project reports reviewed and accepted. Eastern HVDC presented and accepted. Main conversation in the group was at what speed is generation coming along and should we be pulling back or advancing reinforcements. Two main actions out of ENSG to provide comments on joint working with renewables and report back to Ofgem on future work programmes.
- 9.2. SQSS:
 - 9.2.1. SSR/SSTI related issues were raised. Should the SQSS be concerned about SSR/SSTI and whether the wording of the SQSS should take that into account? An expert group has been put together to consider and provide recommendations.
 - 9.2.2. GSR010 - DC led the Section 2 Generation Access Group about groups of intermittent generation and what sort of connection they should have, with the smaller groups and lower load factors being connected with less security. Been ongoing for a while, and raised a number of concerns among Users including

(a) concerns about discrimination between large and small generators; (b) concerns about the commercial terms for the proposals. Whilst the proposal is ready to go out for final consultation and implementation, it looks like it's going to be delayed by some considerable time until the commercial impacts are further considered. The action taken at the last meeting was to get more stakeholder input on the commercial impacts and then take a view there as to where it should go.

9.2.3. Interconnections subgroup has been set up led by Stewart Whyte.

9.2.4. GSR017 subgroup set up on consideration of switch faults. Group are going to consider the impact of a switch fault and whether that needs to be further integrated into the other parts of the SQSS.

9.3. STC:

9.3.1. Tightened up codes in respect of Offshore.

9.3.2. Plan for this year is to have a focussed look at some of the codes - to see if they are still fit for purpose.

9.3.3. Did get request to check that the STC was consistent with the EMR proposals. Revised wording has gone into boilerplate to say that the STC will reflect any EMR requirements and any confidential information coming out of the EMR, the STC parties won't share.

9.3.4. Need to check that NAP and STC obligations align.

9.3.5. DA requested Schedule 3 is reviewed alongside the STCPs.

0114-22 ACTION: AH to feedback Schedule 3 review to STC alongside STCP reviews and Boundary of Influence data exchange?

9.4. ENTSOE:

9.4.1. Slowly progressing the TYNDP - on schedule to be published this year. In order to get PCI status you have to be in the TYNDP, for which you need a Cost Benefit of the benefits to increase the Boundary Capability. Four visions created:

1. Slow Progression
2. Top Down Slow Progression
3. Gone Green
4. Accelerated Growth

0114-23 ACTION: On North Connect AH to find out what involvement Scottish TO should have had in signing off the CBA.

9.4.2. Codes are going through commitology.

9.4.3. TYNDP - extending the data. Collection of data is problematic from Scotland. All the European data has been issued with the exception of GB & Ireland.

9.4.4. As part of TYNDP we need to show reinforcements - too many were entered in 2012 (partly to ensure consistency with RIIO submissions). Review to ensure that only those with influence at a European level are included and use ETYS to take care of the regional level.

10. Filing & Document Arrangements

- 10.1. How best to share data across the JPC and subgroups? Livelink is proposed. JPC agreed that this should be further investigated.

0114-24 ACTION: BA and VH to investigate Livelink.

11. AOB

- 11.1. **Provision of Wk 24 Data** (user data that come into NG) Process not as robust as it could be in terms of getting that data back out to the TOs as not seen any updates for some time (even if it's a "no change") and this is giving the TOs a few issues most recently around Torness as part of the Series Compensation design - just something to be aware of maybe something for the Modelling Group to look at and provide a more regular update. Raised by DA.

0114-25 ACTION: Request Modelling Subgroup to review provision of Wk 24 Data back to the TOs with regular updates. AH

Strathaven bus coupler - DA requested clarification on if from an operational point of view the system operator is trying to secure the fault. AH clarified that the SO are concerned that a switch fault may cause the transmission system in Scotland to shut down. Hence, NGET ends up securing the system for this fault. This imposes additional restrictions on the already non-compliant B6

0114-26 ACTION: AH to keep DA updated on the situation.

- 11.2. **Strategic Wider Works workshop 11th Feb** - MB - Agenda not yet circulated but likely to cover areas of clarity that we might like to ask them about, or feedback on the process. Has asked us to do a bit on learning points from the Caithness Moray last year so when we see the agenda it might be worth having a conference call to discuss the issues that would be beneficial to raise.

0114-27 ACTION: MB to set up teleconference when agenda is circulated.

- 11.3. **Team changes in NGET** AH informed the group that Kelvin Lambert and Keith Dan would be swapping roles from the 3rd February, and to thank Kelvin for the work he has put in.

- 11.4. **Mike Barlow** - AH personally thanked Mike for not only his work with the JPC but also for helping with the good relationships that we have with SHET.

12. Date of next meeting

- 12.1. 29th April 2014 - Scotland, Newbridge, TBC
- 12.2. 10th July 2014, Scotland, Blantyre, TBC
- 12.3. 22 October 2014, Warwick TBC
- 12.4. 27th January 2015 - Scotland, Newbridge TBC

12.5. List of Actions

Ongoing

Actions Ref	Action	Action by
1013-01	1013-01 Action: Concern raised with respect to the arrangements in place for OFTO's to ensure confidentiality of information. This has been previously raised with Ofgem, if no clear response has been received from Ofgem; we may need to raise our concerns again. It was noted that there were ongoing discussions with Ofgem. BA to provide an update on progress.	BA BA
1013-04	KL to liaise with GW and SM to decide if STCP 11.1 and STCP 16.1 are better kept separate or not. Ongoing - decision not landed	KL/SN
1013-06	NGET to clarify if any additional information are required by the Modelling Subgroup	XZ
1013-07	1013-07 Action: NGET confirm that no application had been received, but we had been requested to undertake a joint study to determine optimum landing point. Recommend JPC to sign off ToR and study results and ensure joint planning.	AH
1013-09	NGET to provide any requirements on the ANM scheme urgently BA to write a note to the JPC on lessons learnt and recommendations for future schemes and includes background info.	BA
1013-10	NGET to clarify the main application of the wider system ANM scheme Ongoing BA to write a note on what we envisaged/how it's going to be used.	AH
1013-12	SPT to confirm whether Strathaven/Harker works are still required with the change of the generation background.	DA
1013-13	NGET to confirm the status of the Chapelcross planning request Require a point of contact - acknowledgement that you recognise it	BA
1013-14	NGET to liaise with SHET to decide on the scope of works required under the Longannet Intertrip planning request Provide any justification that we see for the upgrade	BA/BP
1013-16	NGET to update on the Grid Code modification in relation to W24 Submissions	BA ??
1013-17	NGET to start the discussions internally on this the embedded generation issues.	AH

1013-22	NGET to update on any ongoing assessments on SSR and filters.	XZ
1013-25	NGET to share views on connections on subtransmission voltages with SPT and SHET More clarity required. High priority	BA
1013-28	Investment Planning Subgroup to add Bol on the agenda for the next meeting	SW/AH

New

1013-03	1013-03 Action: JPC does not cover Yr1 & 2 but concerns raised by AH that lessons learnt from Yr1 & 2 should be fed back to JPC to ensure appropriate actions are taken forward.	
0114-01	Mark Osborne to provide an update on the success around the Humber Smart Zone	MO
0114-02	NGET to provide estimates on what the benefits of undertaking this upgrade is recognising the estimated capital cost. BA	BA
0114-03	Embedded generation, smalls and BELLAs remain an issue as they aren't included on the TEC Register, NGET to look into extracting that information from the Week 24 submissions.	BA
0114-04	JPC Recommend that STCP11.1 is updated provide feedback on the outage plan for Yrs 1 & 2, including lessons learnt, to the Operational Assessment subgroup. The Subgroup then reviews and passes the issues to the appropriate group then coordinate and feedback up the JPC.	AH
0114-05	DA to check against the current list of TORIs to see if any have been overlooked.	DA
0114-06	Confirm who recipient/post box is within NGET.	BA
0114-07	Provide an update on the progress of non load-related PLDs	MP
0114-08	Request SW to put a note to the JPC after the IPC meeting on the 7th Feb to confirm what they have agreed to do and the timescales.	SW
0114-09	AH to contact Prof. Keith Bell to ask if there is anything he needs from us to support his work, if not then offer a meeting after then end of February to share our findings.	AH
0114-10	BA to provide background to DA on the outage combination conditions that require NG to use Harker to secure demand for E&W and liaise with Investment Planning committee.	BA
0114-11	AH to reflect and put a paper together on non-firm access	AH
0114-12	JPC Operational Assessment Subgroup to advise on the acceptable level of complexity for Operational Intertripping	OA SubG

	schemes/ Active Network Management Schemes.	
0114-13	Discuss generic issue with Commercial and put some clarity around the process both for internal guidance and publicly for generators to view how we will be considering the application. Set up meeting with John Twomey, AH & BA.	AH/BA
0114-14	Prepare a note for JPC on lessons learnt and proposals for taking them forward, and any issues the JPC are required to intervene on. RP	RP
0114-15	Set target to review and update relevant STCPs fro ETYS. RP	RP
0114-16	KD to draft some proposals to share with the JPC.	KD
0114-17	KD to provide a brief following the meeting.	KD
0114-18	OA Group to review and update relevant STCPs and update PLD pro-forma.	OA SubG
0114-19	OA Group to update and re-circulate ToR following meeting in March.	OA SubG
0114-20	All subgroup to inform JPC on proposed timescales for updating STCPs. JPC will then feed this back to the STC committee.	All SubGs
0114-21	Before the next ENSG Meeting JPC to hold a teleconference to share rationale for the selection of projects included in the ENSG templates?	MB
0114-22	AH to feedback Schedule 3 review to STC alongside STCP reviews and Boundary of Influence data exchange?	AH
0114-23	On North Connect AH to find out what involvement Scottish TO should have had in signing off the CBA.	AH
0114-24	BA and VH to investigate Livelink.	BA/VH
0114-25	Request Modelling Subgroup to review provision of Wk 24 Data back to the TOs with regular updates.	AH
0114-26	AH to keep DA updated on the situation.	AH
0114-27	MB to set up teleconference when agenda is circulated.	MB

Completed

1013-02	remove 'might be because' from last sentence of Impacts	KL/SN
1013-03	Make a view on whether the OA subgroup should cover all years apart from current year or not. Decision made.	KL/SN
1013-05	NGET to clarify what outage information in PLDs are used for and what data are required to be included in a PLD to facilitate	SN

	the job of outage planners. Outages include reference to PLDs	
1013-06	NGET to clarify if any additional information are required by the Modelling Subgroup	XZ
1013-08	NGET to provide information on Dynamic Line Ratings ETYS includes DLR. New actions see below.	AH
1013-11	NGET to initiate discussions with SPT in relation to the Kilgallioch ANM scheme and other similar schemes	BA
1013-15	NGET to update the Construction Planning Assumptions as soon as practicable. Short Term - current CPAs being updated from July 2013 Longer Term - looking to change how information is accessed via the TEC Register by Scottish TOs by means of a change to the STCP and provision of useful guidelines on ranking.	VH
1013-18	NGET to specify dates and milestones, and provide clarity on what is required from the TOs	RP
1013-19	NGET to check concerns about voltage control No major concerns	KD
1013-20	OC subgroup needs to work with OFTOs to clarify the concerns and propose a code change if required.	KD to liaise with Graham Stein
1013-21	Subgroup leaders to advise on the timeline for STC/STCP changes	Subgroup leaders
1013-22	NGET to update on any ongoing assessments on SSR and filters.	XZ
1013-23	SPT to provide a briefing note on GSR10 to BP The commercial aspects have been considered before taking the decision to put it out to consultation again.	DC/DA
1013-24	NGET to ensure that DA and BP are involved in the discussions	BA to liaise with VH
1013-26	NGET to issue the voltage control Planning Request to SPT Complete - 7th Feb	KL/BA
1013-27	Investment Planning Subgroup to add Voltage Issues on the agenda for the next meeting	SW
1013-28	Investment Planning Subgroup to add Bol on the agenda for the next meeting	SW

