

DCP 452 Working Group Meeting 06

Thursday, 3 July 2025 (13:00 to 15:00)

Via MS Teams

Attendee	Company
Working Group Member	
Andrew Enzor [AE] (The Proposer)	Field Energy
Joe Boyle [JB]	SPEN
Kara Burke [KB]	Northern Powergrid
Giao Le [GL]	SSEN
Alex Lam [AL]	National Grid Electricity Distribution
Louise Robinson [LR]	ESP Utilities Group
Code Administrator	
Dylan Townsend [DT] (The Chair)	ElectraLink Ltd
George Kestner [GK] (Technical Secretariat)	ElectraLink Ltd

Apologies	Company
Emma Clark [EC]	SSEN
Edda Dirks [ED]	SSE Generation
Dave Wornell [DW]	National Grid Electricity Distribution

1. Administration

Recording

- 1.1 The meeting commenced with a reminder that the session would be recorded solely for the purpose of drafting accurate minutes, with the recording to be deleted within 60 days or once the minutes are approved.

Apologies

- 1.2 Apologies were received from several members, including Emma Clarke, Edda Dirks and Dave Wornell.

Competition Law Guidance

- 1.3 The Chair reiterated the application of Competition Law Guidance, which all members were deemed to have accepted by their continued participation.

Review of previous meeting minutes

- 1.4 Due to the short interval since the last meeting, the minutes from the last meeting were not available and would be circulated shortly.

Review of Actions and Timelines

- 1.5 The Working Group reviewed the current action log, which included updates from previous meetings. Key updates included:

Actions related to power flow modelling timelines

- Legal text for the alternative solution had been circulated.
- DNOs were asked to review the alternative proposal and provide indicative timelines for completing power flow modelling. Initial responses indicated that SSEN and SPEN would begin work around mid-to-late July, with an estimated duration of two weeks.
- NGED had not yet confirmed a timeline, though internal discussions were ongoing. It was noted that further clarity was needed before their engineering team could commit and that their engineering team had been exchanging emails with the Proposer on a couple of points, which can be discussed later in the meeting.

06/01 Power flow modelling timelines: AL to discuss with engineering team the importance for the group in understanding when they could plausibly start the process and what the timeframe for completion of power flow modelling would be.

- 1.6 The group agreed that while timelines varied slightly, the power flow modelling work across DNOs was expected to align broadly in August. The Chair suggested that if other members were comfortable, that they could allow AL to provide their timelines to NGED engineers as a way of support coordination.

Actions relate to Change Proposal timeline

- Two potential timelines were discussed:
 - 1) An accelerated timeline, which would involve issuing the consultation by 10 July, closing it by 31 July, and holding a Working Group meeting in early August to review responses. Legal text would be finalised and submitted to legal advisors for review, with the aim of submitting the change report to the August DCUSA Panel and achieving a decision by September.
 - 2) A more realistic timeline, which, recognising the tightness of the accelerated schedule, the Working Group considered a more measured approach. This would allow for a full impact assessment and modelling to be completed before consultation, extending the timeline by approximately two months. The revised plan would target a change report by mid-November, with a decision from Ofgem as soon as possible thereafter.

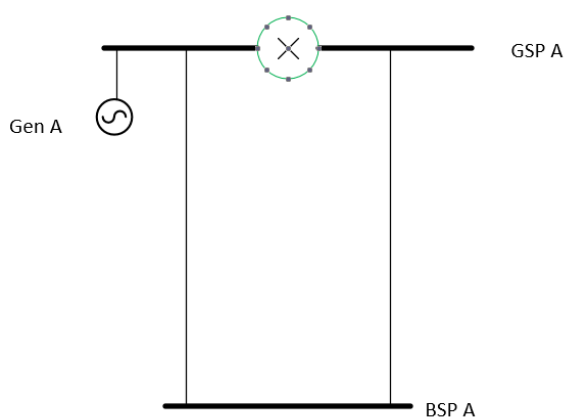
- 1.7 The group agreed that while the September deadline was desirable, it should not be pursued at the expense of quality or process integrity. A more realistic timeline was therefore preferred, though efforts would still be made to progress the change efficiently.

2. Purpose of the Meeting

- 2.1 The Chair confirmed that the purpose of this meeting was to discuss the timeline for DNO power flow modelling, to discuss the new modelling specification and to examine the draft consultation document.

3. Discussion on timings for DNO power flow modelling

- 3.1 The Chair noted that the bulk of the discussion on this topic took place earlier in the meeting as part of the review of actions, but that the group ought to cover off the points raised by an engineer by email which related to some scenarios which they believe need additional clarity.
- 3.2 A technical discussion was held regarding a scenario raised by an engineer (via email) from a DNO using the FCP methodology, involving a GSP where the 132kV bus section is open but a parallel is made via the DNO network as per the diagram shared with the Working Group below:



- 3.3 It was noted that with Gen A (or even a demand customer) connected you may see $\frac{3}{4}$ of the flow back through the SGTs on the side the customer is connected and the other $\frac{1}{4}$ goes via the DNO network to the SGTs on the other side. It was explained that the exact flow split depends on the impedance seen down each path from the perspective of the generator, but it had been found that it can be significant. The engineer suggested that it would be good if one of the examples showed this situation, as currently they believe the text to be too vague to know if this customer can be charged or not.
- 3.4 It was noted that the engineers view was that the above example is clear that the customer has an impact on the DNO network and questioned whether the same holds true if the BSP 132kV was split but the 33kV was coupled giving a path there, or down to the 11kV. The engineer again suggested that this scenario be clearly defined in the legal text.
- 3.5 The Working Group considered two options, being:
- maintaining the current legal text, and therefore accepting that this scenario is a rare exception and consistent with other simplifications in the FCP methodology; or
 - Amending the legal text to explicitly exclude such configurations from the scope of DCP 452.
- 3.6 The Working Group agreed to proceed with the current legal drafting for now, while requesting DNOs to identify how many substations operate in this configuration as part of the RFI. This would allow the group to assess the materiality of the issue and revisit the legal text if necessary.
- 3.7 The Chair agreed to draft the request to be issued to FCP DNOs regarding the completion of power flow modelling needed by the Working Group to complete an impact assessment for new solution for DCP 452 and to then circulate this to the Working Group for review.

06/02 RFI – Power Flow Modelling: The Chair to draft the request to be issued to FCP DNOs regarding the completion of power flow modelling needed by the Working Group to complete an impact assessment for new solution for DCP 452 and to then circulate this to the Working Group for review..

4. Update and/or Review Second EDCM Modelling Specification

- 4.1 The Working Group discussed the structure of the modelling request to be issued to CEPA/TNEI in updating the EDCM model for the new solution. A couple of suggestions were put forward and discussed but it was agreed that an extra row/line could be added in the 'Tariff Inputs' sheet (similar to how final/non-final demand sites are identified). This new input would flag whether a '0000' customer is at an interconnected GSP (potentially using a True/False input or a 0/1 input). It was confirmed that it would be an input by customer rather than by location.
- 4.2 The Working Group agreed that this would have an impact on the formula that was put in place via their original modelling that had been completed as it would require those formulas in the 'Charge 1 FCP' worksheet (specifically the rows changed in the previous modelling request) to be updated to reference this new input, ensuring that the Charge 1 is set to zero for '0000' customers at non-interconnected GSPs.
- 4.3 The Chair noted that there was an action already captured during the previous meeting and agreed to progress the action to draft the modelling specification based on this discussion, ensuring it directs

CEPA/TNEI to use the previously tested model version and incorporate this new input and calculation update.

- 4.4 In terms of how this process ties in with the DNOs power flow modelling, it was noted that, as far as is possible, these should be run in tandem and that the results of both pieces of work would then allow for the impact assessment to be carried out by the FCP DNOs. Members agreed that the output from the power flow modelling would be used as inputs into the amended EDCM.
- 4.5 The Working Group then turned their attention to what data would need to be captured in their impact assessment and whether or not a template was needed to ensure consistency. The Proposer highlighted that DCP 342, was a change for which a full EDCM impact assessment had been completed and that this might be a good basis on which to do the impact assessment for DCP 452.
- 4.6 The Chair located the document and shared it on screen for the Working Group to review. The Proposer noted that the final output of the impact assessment is quite a helpful summary and explained that people can look at each of the individual DNO worksheets, which contain values for the existing tariffs, the those same values but with the change applied, and then the change in charges which is of interest as it really gives people a good idea of the shape of the impact really quickly. Members agreed and also noted that DNOs would need to anonymise customer data by using generic naming conventions or possibly by grouping results by customer category to ensure confidentiality. One member had a concern about sharing that amount of data and explained that this would need to be discussed internally. The Chair noted that as this type of information was publicly published as part of DCP 342, then it should be fine to publish as part of this change but also agreed that DNOs will need to be comfortable with sharing it.

5. Review of Draft Consultation Document

- 5.1 The Chair offered to run through the draft consultation document, however, Working Group members agreed to postpone a detailed review of the consultation document during this meeting. They agreed that it was important that the focus should remain on starting the DNO power flow modelling and CEPA/TNEI modelling. Working Group members agreed that it was a better use of time to review the document offline and provide comments and/or amendments back via email.

6. Next Steps and Actions

- 6.1 The following next steps were agreed, most of which are themselves actions, and so for the sake of brevity, have not been laid out in a green box under each one.
 - The Secretariat will circulate to the Working Group, the draft request to be issued to FCP DNOs regarding the completion of power flow modelling needed by the Working Group to complete an impact assessment for new solution for DCP 452.
 - The Secretariat will draft and circulate the CEPA/TNEI modelling specification document to the Working Group for review.
 - NGED will aim to provide timelines for power flow modelling, both practical start date and estimated time to complete.

- **NEW ACTION 06/03:** Working Group members are to review, comment on and/or sign-off on both the request for power modelling and the modelling specification once received.
- **NEW ACTION 06/04:** The Secretariat is to issue a formal request to FCP DNOs regarding the completion of power flow modelling needed by the Working Group to complete an impact assessment for new solution for DCP 452.
- **NEW ACTION 06/05:** The Secretariat is to issue the finalised modelling specification document to relevant Panel members for sign-off and once signed off to then issue to CEPA/TNEI.
- **NEW ACTION 06/06:** Working Group members are to continue offline review of the draft consultation document, providing comments or tracked changes as necessary.
- The next meeting will be used as a short progress update meeting and will be scheduled for Thursday, 24 July 2025 at 10:00 AM (for 1 hour).

7. Any Other Business

- 7.1 No additional items were raised. The Chair thanked members for their contributions and closed the meeting.

8. Next Meeting – 24 July 2025

- 8.1 The Working Group agreed to schedule its seventh meeting between 10:00-11:00 on Thursday, 24 July 2025.

Appendix 1 – Actions Log

New and Open Actions

Ref.	Action	Owner	Update
05/04	<u>CEPA/TNEI Modelling of the new solution:</u> The Secretariat would (1) draft a new modelling specification for CEPA/TNEI to run modelling on the updated solution and circulate it to the Working Group for review and approval during the next meeting	Secretariat	Update 3 July 2025: This had not yet been completed. KEEP OPEN
06/01	<u>Power flow modelling timelines:</u> AL to discuss with engineering team the importance for the group in understanding when they could plausibly start the process and what the timeframe for completion of power flow modelling would be.	AL	
06/02	<u>RFI – Power Flow Modelling:</u> The Chair to draft the request to be issued to FCP DNOs regarding the completion of power flow modelling needed by the Working Group to complete an impact assessment for new solution for DCP 452 and to then circulate this to the Working Group for review..	Secretariat	
06/03	Working Group members are to review, comment on and/or sign-off on both the request for power modelling and the modelling specification once received.	Working Group	
06/04	The Secretariat is to issue a formal request to FCP DNOs regarding the completion of power flow modelling needed by the Working Group to complete an impact assessment for new solution for DCP 452.	Secretariat	
06/05	The Secretariat is to issue the finalised modelling specification document to relevant Panel members for sign-off and once signed off to then issue to CEPA/TNEI.	Secretariat	
06/06	Working Group members are to continue offline review of the draft consultation document, providing comments or tracked changes as necessary.	Working Group	

Closed Actions

Ref.	Action	Owner	Update
05/01	Email requesting timelines for power flow modelling: The Chair to circulate an email outlining the Working Groups request regarding the timelines they need in terms of when they could begin the power flow modelling for the new solution and how long it would take, considering current workloads and resource constraints	Secretariat	Update 3 July 2025: the responses had been received from SPEN and SSEN, and engagement was ongoing with NGED. Results received to date indicated that this work could be started in mid- to late-July and would take cf.2 weeks. CLOSED
05/02	Timelines for power flow modelling: DNOs using the FCP EDCM to review the Proposer's new solution and provide initial views on its sensibility and how soon power flow modelling for this specific solution could begin and how long it would take, considering current workloads and resource constraints.	FCP DNO Working Group Members	Update 3 July 2025: The Working Group discussed the new solution as Item 4. CLOSED
05/03	Timelines for progressing DCP 452: The Chair to prepare two variants of the overall timelines for DCP 452: one based on consulting after a full impact assessment (DNOs completing power flow work, and updated models having been tested); and one based on consulting now and completing power flow, modelling and impact assessment work in parallel, to help the group decide the best path forward	Secretariat	Update 3 July 2025: These were presented. The Working Group SCRUTINISED these and concluded that it was unlikely that this Change Proposal would be passed and approved in time for the start of the next financial year, and so should be progressed with an intention of implementing in 2027. The Working Group NOTED the benefits in terms of business certainty of securing a decision as early as possible, and so AGREED to continue to progress this Change Proposal as quickly as possible CLOSED