

confirmed Minutes of meeting to: Distribution Code Review Panel (DCRP) P2 WG P2 Review Project Kick-off Meeting

MoM. No.: 16011094

From: DNV GL

Date: 26/1/2015

Copied to: David Spilliet DCRP P2 WG
NERA attendees
Imperial College attendees
DNV GL attendees

Prep. By: Colin MacKenzie

DCRP P2 WG P2 Review Project

Time/Place: 12:30 – 15:30pm, Electricity Network Association, 6th Floor, Dean Bradley House, 52 Horseferry Road, London SW1P 2AF, meeting room 3.

Participants:

Mike Kay (Electricity North West)	MK
Joe Duddy (RES)	JD
Tony Berndes (Western Power Distribution)	TB
Bob Weaver (Power Con)	BW
John Smart (Scottish Southern Energy Power Distribution)	JS
Allan Boardman (UK Power Networks)	Aba
Alan Creighton (Northern Powergrid)	AC
Gareth Evans (Ofgem)	GJ
Diyar Kadar (Scottish Power Energy Networks)	DK
Saeed Ahmed (GTC-UK)	SA
David Spillett (Energy Networks Association)	DS
Colin MacKenzie (DNV GL)	CMac
Alan Birch (DNV GL)	ABi
Ljubomir Mitrasvic (DNV GL)	LM
Goran Strbac (Imperial College London)	GS
Loannis Konstantelos (Imperial College London)	LK
Richard Druce (NERA)	RD
Konrad Borkowski (NERA)	KB
Appologies: Vandad Hamidi (National Grid)	VH
David Clare (DCRP)	DC
Chris Marsland (ENERG)	CM
Suzanne Huntley (Northern Ireland Electricity)	SH
Steve Cox (Electricity North West)	SC

P2 Review Working Group Kick of meeting

Aim

The main aims of the meeting were to:

- introduce the DCRP P2 WG to the DNV GL led consortium,
- recap on the key P2 study issues,
- explain to the consortium what has changed over the last 18 months that may have an impact on the review,
- bring everyone up to speed on the consortium’s proposals to conduct the P2 review and discuss any key issues as part of the DCRP P2 WG, and

- Record any initial actions moving forward.

Agenda

1	Introductions welcome to ENA and housekeeping (Fire Procedure etc)	MK
2	Recap on the issues	MK
3	What's changed	MK
4	Presentation by consortium: a. Approach b. Initial ideas etc c. Interaction with DNOs d. Project management e. Public engagement	Consortium
5	Overall governance	MK
6	AOB	
7	Actions	
8	Next Meeting – 26 February 2015	

Recap on the key P2 study issues

The key issues outlined by MK are:

1. Engineering Recommendation P2 is in the DNO licence conditions and any change would require a formal consultation process (note that this is included in the Consortium P2 review process) and the involvement of Ofgem, which is represented on the DCRP P2 WG.
2. P2 is a Distribution Code governed document and hence the involvement of the DCRP.

What has changed over the last 18 months that may impact on the review?

Key areas where changes over the last eighteen months may have an impact on the P2 review are:

1. LCNF is now 18 months further on and a number of relevant projects are now complete or due to report e.g. Electricity North West's C2C project and DSR related projects in general.
2. Demand side response is now under consideration; it may not be a key driver but should be considered during the evaluation.
3. From 1 April the new RIIO ED1 price control period commences with a new interruption incentive scheme (IIS) including incentive rates and caps etc.
4. The Smart Grid Forum WS 7 project deep dive on LCNF network solutions out to 2030 could have an impact on security requirements and the Consortium needs to engage with the WS7 activity, the outputs from which are expected during spring summer 2015.
5. Losses have been raised as a key issue by Ofgem, driven by EU directives.
6. Any issues relating to supply security in the latest ENTSO-E 10 year plan should be considered for potential impact on the P2 review.
7. MK raised a question that may need an answer relating to the scope of the new P2 standard. Should the new standard consider demand only as opposed to capacity since consumers are and

will increasingly become “prosumers” (producers of and consumers of electricity)? There is a link in this to the SQSS which differentiates between generators and demand customers.

Consortium proposals to conduct the P2 review

The consortium presented a slide pack covering the following areas of the proposed P2 review during which there were several discussions and a number of actions recorded.

- Outline of Consortium member companies
- Consortium understanding of the problem and our guiding principles
- Roles & responsibilities for each organisation within the Consortium
- High-level process
- Techno-economic modelling considerations
- Project management
- Stakeholder Engagement

DS will organise an ENA project site on the Distribution Code website so that WG members can access the slide pack (and other materials produced during the project) once DNV GL has submitted the slide pack formally to the DCRP P2 WG.

The following points were noted during the discussions around various slides:

1. In terms of work stream 1 the development of the Industry Project Initiation Paper highlighting the key objectives of the overall project to industry stakeholders the following points were noted.
 - a. The paper would be drafted by DNV GL with support from Imperial and NERA. A work shop would be organised with the DCRP P2 WG members to review and finalise the paper ready for dissemination to the wider stakeholder community.
 - b. During the paper development key stakeholders are to be identified and notified to expect the paper for their review and inviting them to a stakeholder outreach event. For guidance MK advised that stakeholders would require a 6 week notice period of the outreach event.
2. In terms of the Imperial College techno-economic modelling, there is a need to quality assure the modelling results. GS indicated that in terms of the models themselves these had been widely peer reviewed through other activities. However, the DCRP P2 WG is to advise any other party that they would wish to peer review the modelling inputs and out puts in anticipation of a public consultation on proposals that may be justified (in part) by evidence produced using Imperial's techno-economic model.
3. There is also a requirement to calibrate the model inputs and perform sensitivity studies to evaluate fully the model results.
4. The Consortium will provide DS with proposed dates for stakeholder events. DS will organise these events with the ENA events team. ABi will pull together a stakeholder engagement plan and programme over the next two weeks to assist with this.
5. Network losses were not included in the original scope. Losses should now be considered during the analysis. GS indicated that the impact of losses will be accounted for in the Imperial College techno-economic modelling. The relevant slide in the meeting presentation is to be updated noting losses to be included in the analysis scope.
6. MK indicated that the outcome of the work should be “future proofed” and it was his hope that the replacement for P2-6 would be flexible and suitable to remain in place for many years to come.
7. It was noted that where the slides referred to “ENA”, they really referred to the DCRP P2 working group members.
8. There was a discussion regarding a short paper that could be presented to the Smart Grid Forum to provide an update as a high level brief about the project. This would come out of the initial Project Initiation Paper (PIP) development during work stream 1, prior to the outreach workshop.

Overall governance

The day to day contact for the consortium with the DCRP P2 WG will be David Spillett of the ENA. DS asked that all correspondence from the consortium comes through Colin MacKenzie, the Consortium Project Manager.

AOB

Under AOB the following was noted:

1. DCRP P2 WG is to provide the Consortium with an update on the WS7 project.
2. DS is to provide the Consortium with a copy of ER G91.
3. GS is to draft an initial list of questions and data requests for the DCRP P2 WG member companies to address. This is to go through Colin MacKenzie to David Spillett.

Summary of Actions

		Action/Responsible/Due Date
Recap on the key P2 study issues		
What has changed over the last 18 months		
1	Consortium to consider the impact of relevant LCNF projects now they are more mature, special examples could include Electricity North West 's C2C project and DSR related projects in general on the P2 review. WS 2 activity for NERA and Imperial.	GS, RD/Consortium PM/during workstream 2.
2	RIIO price control period commences with a new interruption incentive scheme, etc. Consortium to consider impacts during WS 2 techno-economic modelling. WS 2 activity for NERA and Imperial	GS, RD /Consortium PM/during workstream 2.
3	Smart Grid Forum WS 7 project, DCRP P2 WG to provide Consortium with update on project outputs that could have an impact on the P2 review.	DCRP P2 WG/DS/ by 23 Feb 2015.
	Consortium to consider impact of WS7 information provided by DCRP P2 WG on P2 review. WS 2 activity for NERA and Imperial.	GS, RD /Consortium PM/during workstream 2.
4	Losses has been raised as a key issue by Ofgem driven by EU directives. Consortium to review and include in techno-economic assessments. WS 2 activity for NERA and Imperial.	GS, RD /Consortium PM/during workstream 2.
5	Any issues relating to supply security in the latest ENTSO-E 10 year plan should be considered for potential impact on the P2 review. WS 2 activity for NERA and Imperial.	GS, RD /Consortium PM/during workstream 2.
6	Should the new standard consider demand only as opposed to capacity since consumers are and will increasingly become "prosumers" (producers of and	DCRP P2 WG/DS/ by 23 Feb 2015.

Action/Responsible/Due Date

consumers of electricity). There is a link in this to the SQSS which differentiates between generators and demand customers. DCRP P2 WG to provide further guidance on this to the Consortium as this would impact significantly on the P2 review.

Consortium proposals to conduct the P2 review

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| 7 | Consortium to provide a draft list of key stakeholders for the WS1 project initiation paper outreach event. | ABi/ Consortium PM/9 Feb 2015 |
| 8 | Consortium to prepare stakeholder engagement action plan including all events to be organised by the ENA with outline dates where possible (note for WS 3 onwards this is difficult as there is a risk that WS1 and 2 programme dates could change at this early stage). Key initial plan date at this stage would be the initiation paper outreach event date. | ABi/ Consortium PM/9 Feb 2015 |
| 9 | DCRP P2 WG to amend and approve list of stakeholders to be invited to the outreach event and send invites once date is confirmed with the Consortium (date allowing for 6 week notice period. | DCRP P2 WG/DS/ by 16 Feb 2015. |
| 10 | Consortium to revise programme considering requirements for WS1 and outreach event notice period. | CMac/Consortium PM/by 23 Feb 2015 |
| 11 | DCRP P2 WG is to advise any other party that they would wish to peer review the modelling inputs and out puts in anticipation of a public consultation on proposals that may be justified (in part) by evidence produced using Imperial's techno-economic model. | DCRP P2 WG/DS/ by 23 Feb 2015. |

Overall governance

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| 12 | Consortium to ensure all corespondance with DCRP P2 WG comes from the Consortium PM to David Spillet as the single points of contact in each organisation. | All consortium members/Consortium PM/ongoing. |
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AOB

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| 13 | DS is to provide the Consortium with a copy of ER G91 | DS by30 Jan 2015. (Action complete) |
| 14 | GS is to draft an initial list of questions and data requests for the DCRP P2 WG member companies to address. | GS/Consortium PM/ by 23 Feb 2015. |

Next Meetings

The programmed next meetings for the DCRP P2 WG are:

DCRP P2 WG Meeting No.	Date
2	Thursday 26 Feb
3	Friday 27 March
4	Friday 1 May
5	Wednesday 27 May
6	Monday 22 June
7	Wednesday 29 July
8	Wednesday 19 Aug
9	Wednesday 23 Sept
10	Wednesday 28 Oct
11	Wednesday 25 Nov
12	Friday 18 December

All meetings will commence at 10:30 at the ENA