

**13<sup>th</sup> June 2023**

**Renewables Grid Liaison Group**

**Minutes of Meeting No 42**

<b>Attendees</b>	
<b>Utility Regulator</b>	Kenny McPartland (KMP) Liam Gault (LG) Ben Harris (BH)  Emma Todd (ET)
<b>Renewable NI</b>	Steven Agnew (SA) Rory Mullan (RM)
<b>NIE Networks</b>	Karen O'Doherty (KO'D) David Hill (DH) Lisa O'Neill (LO'N) Alex Boggs (AB) Joe Bailey (JB) Tim Cox (TC) Connor Carville (CC) Joe Bailey (JB)
<b>SONI</b>	Ronan Kernan (RK) Helen Gallagher (HG)
<b>Department for the Economy – Energy Decarbonisation Division</b>	Koichi Samuels (KS) Nigel Morris (NM)
<b>NISTA</b>	No attendee
<b>Offshore Representative</b>	No attendee
<b>Ulster Farmers Union</b>	John Watt (JW)
<b>Energy Storage Representative</b>	Jennifer Condron (JC)
<b>DP Energy</b>	No attendee
<b>Energia</b>	No attendee
<b>Amber Green Energy</b>	Neil O'Brien (NO'B)

<b>Supplier</b>	Kevin O’Kane
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<b>No</b>	<b>Item</b>																								
<b>1</b>	<p><b>Apologies</b></p> <p>Raymond Smyth (RS)  Zoe Crowe (ZC)  Aidan Girvan (AG)  Leo Strawbridge (LS)  Jody O’boyle (JO’B)  Andy Mccrea (AM)  Eddie McCondron ?  Sinead Ferris (SF)</p>																								
<b>2</b>	<p><b>Minutes/Updates from last meeting</b></p> <p>Minutes approved</p> <p><b>Actions from previous meeting</b></p> <table border="1"> <tr> <td><b>1</b></td> <td>Investigate developing “Energy Dashboard” <i>Ongoing</i></td> <td><b>NIE Networks / SONI</b></td> </tr> <tr> <td><b>2</b></td> <td>Develop Quarterly Reports <i>Ongoing</i></td> <td><b>SONI</b></td> </tr> <tr> <td><b>3</b></td> <td>NIE Networks to consider providing figures on Battery storage connected and committed</td> <td><b>NIE Networks</b></td> </tr> <tr> <td><b>4</b></td> <td>DFE to consider if NIE Networks can get sight of issues raised on connection charges during consultation period.</td> <td><b>DFE</b></td> </tr> <tr> <td><b>5</b></td> <td>Renewable NI to provide a further update on the Dispatch Down Working Group in the Q1 RGLG meeting</td> <td><b>Renewable NI</b></td> </tr> <tr> <td><b>6</b></td> <td>Renewable NI to ask Energy Storage Ireland to present at the next RGLG</td> <td><b>Renewable NI</b></td> </tr> <tr> <td><b>7</b></td> <td>DFE to look into forming a list of working groups established under the energy strategy</td> <td><b>DFE</b></td> </tr> <tr> <td><b>8</b></td> <td>Investigate developing “Energy Dashboard” to be moved to CIWG (ongoing)</td> <td><b>NIE Networks / SONI</b></td> </tr> </table>	<b>1</b>	Investigate developing “Energy Dashboard” <i>Ongoing</i>	<b>NIE Networks / SONI</b>	<b>2</b>	Develop Quarterly Reports <i>Ongoing</i>	<b>SONI</b>	<b>3</b>	NIE Networks to consider providing figures on Battery storage connected and committed	<b>NIE Networks</b>	<b>4</b>	DFE to consider if NIE Networks can get sight of issues raised on connection charges during consultation period.	<b>DFE</b>	<b>5</b>	Renewable NI to provide a further update on the Dispatch Down Working Group in the Q1 RGLG meeting	<b>Renewable NI</b>	<b>6</b>	Renewable NI to ask Energy Storage Ireland to present at the next RGLG	<b>Renewable NI</b>	<b>7</b>	DFE to look into forming a list of working groups established under the energy strategy	<b>DFE</b>	<b>8</b>	Investigate developing “Energy Dashboard” to be moved to CIWG (ongoing)	<b>NIE Networks / SONI</b>
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No	Item	
	<p><b>9 Offshore Representative – to be appointed</b></p>	<p><b>Renewable NI</b></p>
	<p>1. SONI commented that the work on an enduring connections policy and energy strategy is ongoing. This is a work in progress and aligns with the work on the “Energy Dashboard”.</p> <p>2. SONI advised this is now published on their website</p> <p>3. LON presented on figures connected &amp; committed and advised that further work was underway internally to improve data accuracy in relation to multi tech sites.</p> <p>4. Koichi advised that they are not allowed to share any consultation responses outside of the department. Could not be shared with NIE Networks</p> <p>5. Rory (Renewable NI) - dispatch down working group - Update in the next quarter.</p> <p>6. Jennifer provided an update on behalf of Energy Storage Ireland on the pipeline data.</p> <p>7. Koichi has advised that this piece of work is underway and will be shared when ready. Koichi Advised that this information cannot be shared externally.</p> <p>8. NIE Networks &amp; SONI - Investigate developing “Energy Dashboard” to be moved to CIWG (ongoing)</p> <p>9. Andy McCrae is working with North Channel wind – so hoping he can do this for the time being.</p>	
<p><b>3</b></p>	<p><b>Renewables Status Update</b></p> <p>LON – Presented Slides Renewable Status Quarter 4 2022</p> <p>JO'B – In terms of timelines when is that 2.2GW expected to be connected?</p> <p>LON – Over the next probably 2-3 years. Some of that is connected to Cam cluster which could be 3-4 years away and the majority of it will be probably 2 years away. Most of the LSG offers went out mid-2022. With regards SSG Last year for example we issued 10 MW of export &amp; 10 MW of zero export for small scale generation.</p> <p>LON – Presented Storage status Quarter 4 2022</p> <p>JO'B - How much of the battery is connected at transmission and distribution.</p> <p>LON – Currently connected is all Transmission. Four 50 MW Batteries and 0.4 MW connected distribution by G99/NI Fast Track. In terms of the committed we have 36MW at the distribution side which is made up of two large and four or five smaller batteries.</p>	

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	<p>RM – was there not another 10 MW transmission connected at a power station?</p> <p>HG – Yes, there is one at Kilroot. I would not be sure on the status of that battery.</p> <p>SONI to confirm status by next RGLG</p>	<b>SONI</b>
4	<p><b>Update on Transmission Applications</b></p> <p>HG presented update on transmission Applications.</p> <p>RM – There is obviously an application in for an interconnector, my question is, is this going to be good for Northern Ireland renewables to connect another interconnector from Northern Ireland to Scotland that also has loads of renewables. If this interconnector was going somewhere with loads of demand and needed renewables I could get my head around it. Is someone going to do independent analysis to see if this interconnector is a good idea for Northern Ireland?</p> <p>HG – Ultimately SONI will need to issue terms to connect, so we would not be in a position regardless of opinions on whether it is going to help or hinder various industries. It is a commercial decision for any project out there and they will look at that.</p> <p>RM – I completely appreciate you guys are doing your job but my question is probably more to the regulator, is this the right thing for Northern Ireland? Is someone going to study this before we go too far down the road? Whenever the new interconnector was connected between the republic, France &amp; Wales there was analysis done by the southern regulator to see if this was going to be good for the Irish consumer. I can get my head around this one because it is going to somewhere that doesn't have the same level of renewables, will a similar exercise happen in Northern Ireland?</p> <p>JOB – We are engaging with the department in terms of interconnection and it is something we are looking at. There will be a bit of work and modelling may be required. Another interconnector into Northern Ireland that's not like Moyle will require some further thinking. Yes, we will be looking at impacts.</p> <p>NM – I am not sure that I have seen in any of the legislative criteria a question is this good for Northern Ireland in relation to not granting licenses. There might be something of an issue on that, but yes, it is clearly the question that everyone who has looked at interconnectors in Northern Ireland has asked. What is the nature of the value to the interconnector operators but also to</p>	

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	<p>Northern Ireland connecting to another derestriction that has very significant offshore wind capacity at the moment and more planned. The three HVDCs going down either side of the B6 border are likely to affect that sort of consideration significantly. I think that the issue on whether or not this is good for Northern Ireland consumers is a relevant issue if there was an interconnector looking to some form of Government support. So, I think that if that question needs to be asked then perhaps the place to ask it is in any discussion on government support. There needs to be some significant independent research done on the amount of interconnection that is going to be beneficial for Northern Ireland.</p> <p>HG – presented slides on transmission applications</p>	<b>DfE</b>
<b>5</b>	<p><b>CIWG – Consultation Update</b></p> <p>KO'B - Presented slides on the connection innovation working group update.</p> <p>JO'B – effectively you are saying that the existing agreements have grandfathering rights based on their current agreements and this proposal is for future agreements once a decision has been made.</p> <p>KO'B – yes, there has been no SSG export offers been issued for the last number of years. This will apply to any new or modified applications after a date to be set in the future.</p> <p>Those that have either accepted or would accept a zero export offer that has been made, would they get any preference when it comes to allocating capacity because they are already in the system?</p> <p>KO'B – This process isn't proposing any change to any connection processes at all.</p> <p>LO'N – We wouldn't be able to give preference to anyone and it would be on an application basis. In the decision paper we will put a go live date and we will state when we will accept applications. This will be like the non-firm process where we said we will accept new applications by a certain date. Applications received before the 'Go Live 'date will not be considered under the new process.</p> <p>KO'B - Are there things that you are considering that will mitigate the amount of applications you are expecting?</p> <p>LON – We have the planning milestone and we have queuing rules.</p> <p>SA – Firstly this is very welcome. We have updated our members on proposals and certainly we haven't heard anything that would</p>	

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	<p>suggest there would be any negative response from our members. There is a lot of gratitude on the work that has been done here.</p> <p>SA – In terms of a potential tsunami of applications, once the consultation is out we will try to access from our members the level of capacity we are likely to bring forward. Not sure if Chris Osbourne is in the room with yourselves but we have also reached out to Chris to try and co ordinate with the UFU as well, we also tried to do this with the non-firm connection offer process for over 5 MW. We are fairly confident that we have most of the significant generators in the room for that. In small scale obviously, there is a much higher number of potential applicants even if it is smaller volumes. We might not cover every potential applicant but we should be able to give a good indication of what is coming.</p> <p>KOB – I think that would be really helpful Steven, we had gone through a process when considering the non-firm process for greater than 5 MW. If there was a way we could go through a blank extension process with the regulator and the conclusion on that was no. So, it will just be by applications as they happen and that will be the process we follow depending on the amount of applications received.</p> <p>NO'B - For those production sources that are easy to manipulate that are currently off-grid that are biomethane, will there be any progressiveness in their application or will it be blanketed across Solar, Wind etc?</p> <p>LON – We are not allowed to discriminate on generation types. In terms of the controls, if they are G99/NI compliant they should already be able to do those functions.</p> <p>KO'D – The CIWIG has not met due to the ongoing discussion on combining the RGLG and CIWIG. The SSG export consultation has closed and we received 15 responses to the consultation. The vast majority of these responses were in support of the proposals consulted on. That was the update of the distribution and small-scale connection offer and agreement to allow NIEN to instruct the generator to reduce or cease parallel operation under times of system emergencies. Connor has collated all the responses and has drafted a decision paper that is currently being reviewed internally and will then be shared with SONI and will be signed off by both companies before it is published. We are hoping to have a decision paper published fairly quickly as we did get a good uniform response on this. The Decision paper will tell industry when the process will go live.</p> <p>RM- Any thoughts Karen as to when that will be?</p> <p>We are hoping to get the decision paper out before the summer holidays and the go live date will probably be after the summer holidays. This is due to the fact that we are expecting a high level</p>

**Renewable NI  
and UFU**

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	<p>of applications. We are also mindful of the over install consultation being out there and especially in small scale there's a big overlap in both of those and ideally, we would have both approved but obviously they are on different timescales.</p> <p>LON – in terms of connections and generation applications we would see quite a peak during the summer and also we don't believe it would be wise to open this during the summer period.</p>
6	<p><b>DfE – General Update/Energy Strategy Update</b></p> <p>KS – we have a new head of renewable electricity which is Zoe Crowe but she could not make it this morning. We are preparing an action plan for 2023. At the moment energy strategy 2023 will come out in January and it will set out the actions that are being taken forward in 2023. We will also be reporting on progress from 2022 and two key consultations to bring to your attention are planned to be published very soon, I can't give any more detail on the exact date. There is going to be a consultation on the offshore renewable energy action plan which was action 14 of the energy strategy action plan for 2022. The target is to deliver 1 GW of offshore wind from 2030. The other consultation is on scheme design options for renewable electricity support scheme for Northern Ireland. Both of these will be coming out very soon.</p> <p>JW – Renewable support scheme, have you got any idea when this will be coming out or how it will be presented?</p> <p>KS - at the moment the consultation is looking at scheme design options. In 2023 there will definitely be further stages of engagement and further consultation on what from the scheme will take. We will not know timescale until this has been designed.</p> <p>NM – the energy strategy is ongoing. We have published a report on our achievements in 2022 and we are in the process of developing our action plan of 2023.</p> <p>KS – The action plan is due to be published imminently.</p> <p>NM – The Energy strategy is there and what we are going to do this year will come out shortly in the action plan. We are in the middle of drafting a smart system flexibility plan which is part of the energy strategy that we are about to consult on. There are a number of areas where we have to do a lot</p>



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	<p>of work quite quickly, it will look at storage, interconnection, FSO concept, flexibility from all of the different sources and look to make up a pathway for those individual items in a bit more detail than the energy strategy has. At the moment it is a bit of a wait and see for the 2023 action plan.</p> <p>NM – In networks we have three projects that we are currently looking at:</p> <ul style="list-style-type: none"> <li>• The first is the second transposition of the 2019 electricity directive, we did a transposition in 2020 for the same critical things in the electricity directive and that came through in the 2021 electricity internal regulations. The next DSOs or TSOs duties of regulatory authorities that primarily concern with procurement of various forms of ancillary services by the DSO &amp; TSO and the regulatory authorities. We have a meeting with the DSO legal advisors in early July, once we get that settled we would expect to have a consultation out end of August with a view to legislation when we get an executive.</li> <li>• The second project we are working on is the smart system flexibility plan. We have had some good engagement with a great working group where we settled a discussion paper and we have now transformed that internal discussion paper into a consultation document which is currently with DFE senior management. We would hope to get that back to the working group in early July. We would then hope for a later August / September consultation on the Smart system flexibility plan.</li> <li>• The other significant project we are working on is working with the UR on their connections charging review. We have two or three policy projects that come out of the electricity directive to look at in the second half of this year.</li> </ul> <p>KS – We have been working with Cormal insight on the planning for the renewable electricity support scheme design process and at the end of this year within 2023 has committed to the energy strategy action plan for 2023. We will be consulting on the higher-level scheme design and then from next year we will start to implement the scheme design. From offshore wind, offshore renewable energy site – we commissioned RPS to do the SEA &amp; HRA of the NI Marine area and that will be completed over the next 12 months by June 2024 the SEA process will be completed. Also, we have now set up another action in our Offshore renewable energy action plan – the offshore transmission working group will be starting imminently. That will involve NIEN, SONI, UR &amp; DFE. This will be looking at offshore grid issues, licensing, connection arrangements for offshore windfarms &amp; strategic grid issues to connect offshore wind.</p>

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7	<p data-bbox="276 271 874 304"><b>Renewable NI– Dispatch Down WG Update</b></p> <p data-bbox="276 338 1011 371">RM – Presented slides on dispatch down working group.</p> <p data-bbox="276 405 1142 472">JO'B – Rory would you consider that if the north south was up and running that those figures would be significantly different?</p> <p data-bbox="276 506 1142 943">RM – I think a lot of the constraints that are happening on the north south are masking the constraints that would happen between for all the wind connected in the west of Northern Ireland trying to get to the east. They would come down a bit without doubt but they are probably masking other constraints. Interestingly SONI are doing some updated constraint analysis and there are going to be scenarios with and without the north south 2025 versus 2030. It will be really interesting to see those results and we are actually pushing them for an extra scenario 2025 with the north south and without to see the impact of the north south. We are obviously going to add 40% renewables as we go toward the 80% target and eventually the 100% target these constraint figures are only going to keep going up.</p> <p data-bbox="276 976 1142 1312">RM – the only other thing worth flagging is that we are a year out from the decision on the energy package and in the consultations, they said constraints should be grandfathered so new renewables should be the constraint before old renewables. This would be subject to EirGrids implementation / SONIs implementation and I believe there are challenges in implementing it in operations in the market but what is really concerning me is that we are a year away from a decision and the industry still has no clarity as to how constraints are going to be allocated. If it is through grandfathering it will drive all the constraint figures up from a factor of 2 to 5.</p> <p data-bbox="276 1346 794 1379">JO'B – And costs to consumers as well.</p> <p data-bbox="276 1413 1142 1480">RM – Yeah, it is all linked to that and will have a bearing on the Northern Ireland consumer.</p> <p data-bbox="276 1514 900 1547">JC Presented slides on Energy Storage Ireland.</p> <p data-bbox="276 1581 1142 1783">JO'B – just to highlight we do have different legal derestriction's here for example you are removing barriers to hybrid projects with legal entity's behind connection points a lot of that will be based on what is specific in that derestriction so depending on legislation primary, secondary &amp; regulations there may differences north and south.</p> <p data-bbox="276 1816 1142 1984">NM – Rory asked if someone had looked at how much interconnection is good for the Northern Ireland network, do you know if anyone has done a large-scale study on what the needs and benefits of the different types of storage for primarily us, the Northern Ireland network and consumers? The other thing I don't</p>



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8	<p><b>Network Development/ATR Update</b></p> <p>HG – The North South Interconnector – estimated connection date is now 2026.</p> <p>The Mid Antrim reinforcement – this is currently in part 2 of the grid development process. There has been ongoing stakeholder engagement and the date for this is now 2029.</p> <p>The Omagh Dromore project – This has been handed over to NIEN for construction as planned for next year.</p> <p>The options report has now been progressed for Drumnakilly Tamnamore upgrading.</p> <p>The options report is about to commence for the North West reinforcements with a due date of 2030.</p> <p>The Mid Tyrone reinforcements – The environmental report is currently being progressed with a due date for the TMPP submission in 2023 with a view to getting that connected / commissioned in 2030</p> <p>RK – We have published an ATR update on our website a couple of weeks ago and we hope to publish them more often from this point moving forward.</p> <p>North South interconnector</p> <p>Mid Antrim project that is now in part 2 and has gone through route design and stake holder engagement at the minute.</p> <p>Omagh Dromore double circuit upgrade. NIEN are about to start work on this very shortly and is due to be finished this year.</p> <p>We are also progressing the Drumnakilly Tamnamore 110kV upgrades and Moyle reinforcements and they both will have TMPP submissions to the regulator in the next couple of months</p> <p>New upcoming projects:</p> <p>North and West reinforcements that will look to reinforce the grid following on from Mid Antrim. So that will be in the areas of Rasharkin, Coleraine, Limavady &amp; Garvagh area</p>

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	<p>Feeny Cluster – We are looking at the benefit of additional reinforcement in that North Sperrin’s area. This is because of connections that are coming but also to reconfigure the existing connections on that part of the network to try and reduce constraints. There will be more updates on that in the coming months but we have a lot of work going on with that at the minute</p> <p>The Mid Tyrone reinforcements – This area between Dromore, Omagh &amp; Tamnamore is going to be the main bottleneck on the 110kV network, on the transmission system once the mid Antrim project is completed. This is a relatively large-scale reinforcement in the Tyrone area. We have just started a stake holder engagement on this and we are looking at a TMPP submission later this year. A preliminary preferred option at this stage would be the new 110kV circuit connecting Tamnamore to Dromore. We will be doing more engagement on this in the coming months. This is a key project for 2030</p> <p>275kV Fault level issue – restriction at Coolkeeragh, Magherafelt, Kells, Tandragee &amp; Castlereagh due to the legacy structural issues. Previously in last year’s 10-year transmission forecast statement we stated that the absolute ceiling of fault level of these sites was 10kA and that connections at any of these sites would severely restricted because the sites were already exceeding that. We have done a lot more work with NIEN since that and we shown that we have found the issue is not quite as severe as previously assessed. We have brought in that connections are possible but they have to be assessed on a case by case basis and we have issued offers at Coolkeeragh at this stage. As I said this is a case by case basis and it is still important to address the issues at these sites in the long run. SONI &amp; NIEN are bringing forward projects to redevelop the five sites and looking at a range of options for all of them and they are quite high priority.</p> <p>JC – I was wondering if you could give a bit of insight as to what stage the North South is at?</p> <p>RK – I couldn’t give you much detail on this as I’m not on this project but I could get back to you on that</p> <p>RK – Presented slides on Network Development/ATR Update</p> <p>RM- The North Sperrin’s project, is that different than the one that was mentioned previously? Are SONI &amp; NIEN looking at further clusters to develop? On the tomorrow energy</p>

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	<p>scenarios, I think one of the most interesting things about going zero carbon would be the amount of demand growth we would need. What work is SONI doing on the demand levels we could have in 2035,40&amp;50?</p> <p>RK – An answer to your first question is yes, it interfaces with Feeny. There is a lot going on in that space. SONI &amp; NIEN are looking at the needs in that area, looking at those specific windfarms. I will say that what we are looking at with this North Sperrin project is independent of what has been looked at so far through that cluster. We know that there are needs in the long run there beyond that and there is also an opportunity if we do this to potentially transfer existing generators out from behind the constraints in that area to a better connection arrangement. It is connected but we are looking at more than that and we will have more detail on that as we move forward.</p> <p>LON - from an NIEN point of view we have been looking at the needs for Feeny and reassessing it with different situations and different information that has come to light. There will be a further update on Feeny around July time.</p> <p>CC – We periodically look at what is in planning through a cluster designation process and see if there are certain projects in an area that would create a need for a cluster. Without going into too much detail we have found that there are a lot of projects in the Mid-East Antrim area in planning at the minute and we recognise that there will be need for a substation there. We recognise that there is a lot in planning and we know that there will be a need for further clusters.</p> <p>RK – I think the big question at the minute is the potential scale of repowering in future connections and how that will impact the cluster policy as it stands and the potential for 33kV connections versus 110kV connections. This is something both companies are looking at.</p> <p>RK – The short answer to Demand growth is that there is a lot of uncertainty beyond 2030 and there is also uncertainty before 2030 about when we hit that point and how the demand starts to grow. This is the real advantage of the scenario-based approach of where we will be looking at the different paces and levels of decarbonisation and demand growth. We don't have any more detail on this to hand at the minute but I know that we will be putting this out in the next few months and will provide an opportunity to engage on it then.</p>

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	<p>RM – I am wondering who will be doing the heat and transport analysis on this?</p> <p>RK- We will certainly be doing it at a high level through the scenarios approach now obviously that will have an impact on everything from network build out to operational policy, smart networks and the biggest impact on the distribution systems / connections.</p> <p>RM – I am just wondering is there an information gap. You guys can only do analysis on the information you generate yourself or are given.</p> <p>NM – Rory, in the NIEN RP7 submissions they do some projections on that electrification of heat and transport and they have had consultants doing that sort of analysis that provided the Numbers that NIEN have used in their RP7 submissions. There is work going on there but absolutely everyone should be watching this space very carefully.</p> <p>SA - Rory alluded to the renewable NI pipeline study, so that has now been completed and I believe we shared this with most of the organisations on this call. If it is helpful for us to give an update on that to the group. At a high level there's an increase of 500MW in onshore wind, 300MW of solar and a GW of Storage compared with this time last year. Happy to present on this if it is useful.</p>	<b>Renewable NI</b>
<b>9</b>	<p><b>AOB</b></p> <p>Connections policy framework review</p> <p>KMP- This is a joint review being carried by ourselves and DFE. We are aiming to get the call for evidence out by the end of this month failing that early next month.</p> <p>LON – We are seeing more installers not complying with G98/NI &amp; G99/NI regulations. We would like to make everyone aware and that if anyone is speaking to these installers that you make them aware that they need to make sure their equipment is compliant. If they have any questions please direct them to NIEN.</p> <p>SA – Lisa, would you like to make that directly to our distributed generation group? Happy to circulate an email or have you come to our next meeting.</p>	

No	Item
	<p>LON – I am not sure if this message is widely known. SSG export and the opening of that market again will open the opportunity for an export connection but it will not change the connection costs as the connection charging is still the same.</p> <p>JW - Lisa on that point you raised, will there be a further update of the grid map?</p> <p>LON – Not really, the information on the map will show in terms of 33kV &amp; 11kV capacity but to go beyond that and get live flows you will have to apply due to the extensive amount of studies that need to be carried out.</p> <p>JW - Is there a simpler way at the start to say there is no point to apply before they apply?</p> <p>LON – I would just very much say that the network is saturated and for anybody looking for an export connection you are very likely to experience high connection costs.</p> <p>JW - Will there be something published on where the fault levels are?</p> <p>LON – the fault level information is available and you can get that on the capacity map at the minute.</p> <p>LON – I suppose the good news on that front is during the RP6 extension we are upgrading eight substations to make them reverse power capable and I am not sure what date this will be completed. I will have the list of these for the next meeting.</p> <p>Implementation of the clean energy package</p> <p>SA – this is something we raised concerns with the Zen committee jointly between ourselves and Wind Energy Ireland. I thought it could maybe be another item for the Agenda in this group?</p> <p>RML – You just want to air the concern that you have already raised with the regulator, is that the purpose? The clean</p>



No	Item	
	<p>energy package is so broad and might not be totally suitable for this group.</p> <p>SA – The decision on 22009 and particularly the grandfathering issue, so happy to take any steering in terms of reference for this group on whether or not it is suitable. Maybe it is a separate meeting but the key stakeholders are on here.</p> <p>RM – Steven, the fact that it affects constraint levels of new renewable generators trying to connect and constraint levels are a big ongoing discussion in this group, I though it would be worth bringing up here. Another thing that would be interesting for the next group meeting is if SONI has their constraint studies finished by then. So hopefully we can see a presentation on constraint levels and to some extent how you allocate constraints.</p> <p>RML – I think that the issue of it is absolutely something that this group should talk about but I am concerned about the wider item on the clean energy package but I agree with Rory for that aspect to be aired.</p> <p>RM – I think we should keep our focus on the constraint bit of this.</p>	<b>ALL</b>

### Summary of New Actions

Action No.	Action Description	To be Actioned by
<b>1</b>	SONI to confirm status of Kilroot Battery	<b>SONI</b>
<b>2</b>	DfE to consider if we should consider if all interconnectors are good for NI	<b>DfE</b>

<b>3</b>	Renewable NI and UFU to determine the expected levels of application NIE Networks may see when export opens	<b>Renewable NI and UFU</b>
<b>4</b>	Renewable NI to present on Dispatch down	<b>Renewable NI</b>
<b>4</b>	Renewable NI to send through battery report to DfE	<b>Renewable NI</b>
<b>5</b>	Renewable NI/Energy Storage Ireland and NIE Networks to set up a working group on ongoing P28 issues for battery connections	<b>Renewable NI/NIE Networks</b>
<b>6</b>	Renewable NI to present on their latest report on NI pipeline	<b>Renewable NI</b>
<b>2</b>	Combine CIWG and RGLG discussion	<b>Group</b>

### Summary of Carried Actions

<b>Action No.</b>	<b>Action Description</b>	<b>To be Actioned by</b>
<b>1</b>	Investigate developing “Energy Dashboard” (ongoing) to be moved to the CWIG agenda	<b>NIE Networks / SONI</b>