

3rd September 2019

Renewables Grid Liaison Group

Minutes of Meeting No 30

Attendees	
Utility Regulator	Roisin McLaughlin (RML) Aidan Girvan (AG) Jody O'Boyle (JO'B)
NIRIG	Rory Mullan (RM)
NIE Networks	David McDonald (DMcD) Lisa O'Neill (LO'N) Brian Moorhead (BM) David Hill (DH) Rachel Newell (RN) Emma Cunningham (EC)
SONI	Helen Gallagher (HG) Ronan Kernan (RK)
Department for the Economy - Energy Decarbonisation Division	No attendee
NISTA	No attendee
Offshore Representative	No attendee
Ulster Farmers Union	No attendee
Energy Storage Representative	No attendee
DP Energy	No attendee
Energia	No attendee
Amber Green Energy	Neil O'Brien (NO'B)
Department for Economy	Darren Colville (DC)

No	Item	Action																											
1	Apologies Raymond Smyth (SONI) Louis Fisher (SONI) John Watt (UFU) Gary Hawkes (UFU)																												
2	Minutes/Updates from last meeting Minutes approved Actions from previous meeting <table border="1" data-bbox="264 757 1401 1709"> <tbody> <tr> <td data-bbox="264 757 331 857">1</td> <td data-bbox="331 757 1161 857">Investigate developing 'Energy Dashboard" - <i>Ongoing</i></td> <td data-bbox="1161 757 1401 857">NIE Networks/SONI</td> </tr> <tr> <td data-bbox="264 857 331 992">2</td> <td data-bbox="331 857 1161 992">NIRIG to provide examples of how information is shared in GB – <i>Ongoing</i></td> <td data-bbox="1161 857 1401 992">NIRIG</td> </tr> <tr> <td data-bbox="264 992 331 1093">3</td> <td data-bbox="331 992 1161 1093">Capacity Map demo - <i>Completed</i></td> <td data-bbox="1161 992 1401 1093">NIE Networks</td> </tr> <tr> <td data-bbox="264 1093 331 1193">4</td> <td data-bbox="331 1093 1161 1193">Update on CIWG - <i>Completed</i></td> <td data-bbox="1161 1093 1401 1193">NIE Networks/SONI</td> </tr> <tr> <td data-bbox="264 1193 331 1294">5</td> <td data-bbox="331 1193 1161 1294">Update on Cornwall paper - <i>Completed</i></td> <td data-bbox="1161 1193 1401 1294">DfE</td> </tr> <tr> <td data-bbox="264 1294 331 1395">6</td> <td data-bbox="331 1294 1161 1395">Contestability Update – TIA Amendments - <i>Completed</i></td> <td data-bbox="1161 1294 1401 1395">SONI</td> </tr> <tr> <td data-bbox="264 1395 331 1496">7</td> <td data-bbox="331 1395 1161 1496">Update on TDP Consultation - <i>Completed</i></td> <td data-bbox="1161 1395 1401 1496">SONI</td> </tr> <tr> <td data-bbox="264 1496 331 1597">8</td> <td data-bbox="331 1496 1161 1597">Update on TES - <i>Completed</i></td> <td data-bbox="1161 1496 1401 1597">SONI</td> </tr> <tr> <td data-bbox="264 1597 331 1709">9</td> <td data-bbox="331 1597 1161 1709">Update on Supplier Attendance – <i>Ongoing</i></td> <td data-bbox="1161 1597 1401 1709">UR</td> </tr> </tbody> </table>	1	Investigate developing 'Energy Dashboard" - <i>Ongoing</i>	NIE Networks/SONI	2	NIRIG to provide examples of how information is shared in GB – <i>Ongoing</i>	NIRIG	3	Capacity Map demo - <i>Completed</i>	NIE Networks	4	Update on CIWG - <i>Completed</i>	NIE Networks/SONI	5	Update on Cornwall paper - <i>Completed</i>	DfE	6	Contestability Update – TIA Amendments - <i>Completed</i>	SONI	7	Update on TDP Consultation - <i>Completed</i>	SONI	8	Update on TES - <i>Completed</i>	SONI	9	Update on Supplier Attendance – <i>Ongoing</i>	UR	
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3	<p>Renewables Status Update</p> <p>NIE Networks confirmed that 1,903MW of renewables has been committed to date. No additional connections completed since Q1, figure remains at 1,652MW renewables connected to date.</p> <p>New capacity map demonstration by DMcD, showed updated features such as headroom indication per Primary Substation...etc..... Data is still being updated however the aim is to go live around late September/early October and will be updated periodically. NIE Networks explained that this capacity map was for projects 200Amps and above and it is important that the user reads the Terms and conditions to fully understand what they are being shown. JOB suggested it may be good to put the date of the last update on the page.</p> <p>RM provided positive feedback, queried if it's possible to include information on the mesh arrangement – what substations make up the group headroom limitation? And is there the potential to add 33/110kV lines onto the map? DMcD – It may be possible to have a 33kV Normal System Operation Diagram which would also identify the Primary and Bulk Supply Substations on the website.</p>	<p>NIE Networks</p>
4	<p>Update on Transmission Applications</p> <p>Current Applications:</p> <ul style="list-style-type: none"> • Gas Storage at Islandmagee still in progress • Kilroot OCGT G5 & G6 2 x 205MW • Pigeon Top 51MW • Aught Windfarm 37.2MW- some outstanding issues <p>Eight offers issued</p>	<p>SONI</p>
5	<p>Consultation Update</p> <p>HG presentation - highlighted that there are system issues with uncontrollable export, eg small scale, micro and zero export uncontrollable generation. SONI can only get involved with SSG uncontrolled export to help manage system stability. Aim to keep frequency around 50HZ and reduce generation output.</p> <p>There has been a year on year decline in minimum demand (now around 450MW) and uncontrolled generation that can't be curtailed presents issues at low system demand. Additional uncontrolled SSG will lead to demand erosion and increased likelihood of instability. The replacement of older generators with newer high min gen systems will add to issues.</p>	<p>SONI & NIE Networks</p>

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	<p>What could help? Controllability level was reduced, if minimum gens become lower, a new interconnector.</p> <p>Next Steps – impact assessment and decision on uncontrolled generation. Any restrictions are to be included in CWIG consultation paper.</p> <p>RM – suggested system operator counter trading should be considered, curtailment running at 9-10% rather than 4-5%. Has there been consideration of bringing system limits down? He informed the group that NIRIG have formed a dispatch down working group covering the North and South of Ireland and suggested it may be useful to present at next meeting the wind industry's view.</p> <p>There was discussion about reducing the controllable limit and how this would be challenging given that 93% of generation connected to NI is to the distribution network. With the majority of it being heavily embedded in the distribution network. It was explained that NIE Networks DSO transition plan would help with this challenge</p> <p>DH – DSO transition plan and controllability would also have to look at load shedding.</p> <p>DMcD – We need to have a process in place outlining how controllability would work.</p>	NIRIG
6	<p>DfE – General Update</p> <p>Cornwall Insight presented a draft report to the DfE Renewables Steering Group in July. The final report was issued to the Steering Group in September for approval with a decision to be made in due course on the publication of the report. In relation to the Renewable Energy Strategy it is expected that the 'Call for Evidence' will be issued possibly at the end of Autumn.</p>	DFE
7	<p>Network Development/ATR Update</p> <p>TDPNI was published in July. 2019 version should be finalised in October.</p> <p>Kells/Rasharkin environmental report complete, SONI in process of submitting TMNP.</p> <p>Northwest study area in pipeline Additional reinforcement between Omagh and Dromore Slieve Davina (currently with NIE Networks) are proposing to relocate to Gort Low frequency load shedding project currently in progress.</p> <p>Presentation: SONI currently working with NI stakeholders regarding Tomorrow Energy Scenarios (TES) with a focus on the electricity system 30+ years ahead. A consultation will be published in</p>	SONI

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	<p>September and workshop will be held mid consultation. The final report will be completed in the new year.</p> <p>The three decarbonisation scenarios decided upon are: Addressing Climate Change, Modest Progress, and Least Effort.</p> <p>The final report on the scenarios will be completed before Christmas,</p>	
9	<p>Operational Update</p> <p>RoCoF Update</p> <p>Refer to attached slides</p>	NIE NETWORKS
10	<p>General Update and Membership</p> <p>UR have been engaged with ERIG and a representative for suppliers will be attending the next RGLG meeting as per Jody O'Boyle.</p>	UR
12	<p>AOB</p> <p>Nil</p>	N/A
13	<p>Dates of 2019 Meetings</p> <p>3rd December at 10 o'clock in UR offices</p>	

Summary of Actions

Action No.	Action Description	To be Actioned by
1	Investigate developing “Energy Dashboard” (ongoing)	NIE Networks / SONI
2	NIRIG to provide examples of how information is shared in GB and present at next meeting	NIRIG
3	Update on Supplier Attendance – ERIG representative to attend next meeting	UR