

## Activity & Progress Reporting

### Section Autumn Meeting - 13<sup>th</sup> November 2020

<b>1. Chapter/Affinity Group:</b>	Power Electronics Society - PEL35 CH08113
<b>2. Committee Members</b>	Jun Liang (Chair, Cardiff University), Gayan Abeynayake (Secretary, Cardiff University), Peter Wilson (Bath University), Patrick Wheeler (Nottingham University), Sarath Tennakoon (Stafford University), Bin Ji (Leicester University), Ahmed Zobaa (Brunel University), and Aris Karcianas (FTI Consulting)
<b>3. Reporting Officer:</b>	Jun Liang
<b>4. Overview of current plan and activities:</b>	<ul style="list-style-type: none"> <li>i. Virtual DLP talk by Prof. Udaya Madawala from NZ on EV and Impact to the Grid on 10th July 2020 with 90 attendees.</li> <li>ii. Decarbonising Transport through Electrification, A whole system approach <i>DTE Network+</i> Launch Event in 26.02.2020</li> <li>iii. InnoDC guest lectures which were supposed to conduct on March 2020, on ‘DC collection system of offshore wind’ by Prof. Jun Liang and ‘MMC and DC transformers’ by and IEEE PES &amp; PELS distinguished lecture, Prof. Dragan Jovic, have been postponed to next InnoDC meeting.</li> <li>iv. PELS society has sponsored the IEEE Workshop on Representations of Power Electronics for Grid Dynamic (PEGD) Studies held at Imperial College London on 5th December 2019. Prof. Jun Liang moderated one of the sessions.</li> <li>v. Sponsoring the International Conference of ICPSE 2019-Dec 2-4, in University College Dublin.</li> </ul>
<b>5. Key Achievements and member value/services to date:</b>	<ul style="list-style-type: none"> <li>• Target and attract young researchers’ participation to the IEEE activities</li> <li>• Contribute to IEEE membership committee.</li> </ul>
<b>6. Key Challenges:</b>	<ul style="list-style-type: none"> <li>• Wider involvement of organisations and committee members</li> </ul>
<b>7. Deficits/Required Resources:</b>	<ul style="list-style-type: none"> <li>• n/a</li> </ul>
<b>8. Actions/Support requested from the Section:</b>	<ul style="list-style-type: none"> <li>• How to obtain PELS member numbers easily.</li> <li>• Contact currently active Power Electronics Student Chapters.</li> </ul>
<b>9. Action Plan:</b>	<ul style="list-style-type: none"> <li>• Technical sponsor for the conference ICPSE 2020 which will be held in London, UK during October 23-25, 2020 and Jun Liang will give a keynote speech. <a href="http://icpse.org/kn.html">http://icpse.org/kn.html</a></li> <li>• Conducting webinar events via Zoom or WebEx.</li> <li>• Promote IEEE PELS towards student branches.</li> <li>• Organise the IEEE PELS UK and Ireland Chapter Best PhD Thesis award 2020.</li> </ul>