The following instructions were provided to the referees:

**1. Please provide an assessment of the applicant's research excellence and demonstrated leadership.** Include examples to support your assessment in comparison to the norms particular to the research area(s) (e.g. publication norms for the discipline etc.).

*Criterion: Research excellence and leadership in the research domain* - Quality of the applicant's contribution to research and development to date (demonstrated capacity for research excellence) and sphere of influence achieved by the applicant (demonstrated capacity for leadership in the research domain).

Mr.Fang’ contributions in the research of flicker-free LED driving are many. He is particularly crowned for getting a solution to the flicker issue with LED lighting. For the past few years, he has demonstrated high productivity in research. He is decorated for publishing three first-author papers, currently at the top-level journal with the inclusion of other conference papers. In addition to this, My. Fang filed two US international patent applications based on his LED driving research. The LED driving method had also received wide acceptance within the driving industry as evidenced by multiple successful technology transfers. He seems to be an ardent achiever especially because is work had also been recognized by the research community and won him the prize of Research Excellent Award from IEEE Kinston Section. When compared to other Ph.D. students globally, I can ascertain that he is categorized amongst the very top young power electronic researchers in the field. With all these in mind, I believe that Mr. Fang has all what is required to become a leading researcher in the future.

Mr. Fang has demonstrated his leadership by proactively promoting his research in a variety of conferences and seminars. He began by taking the initiative to introduce his research to a number of companies that he felt could benefit from his work. He has also played a key role in collaborating with these companies, leading to multiple technology transfer projects. Based on his skills, Mr. Fang has the capability of intergrating and negotiating with people from within different parts of the world. Adding to this, he demonstrated strong leadership skills by serving the power electronics community. He can thus be said to be a frequent reviewer of journals and conference papers in the field of power electronics.

**2. Please provide an assessment of the merit of the proposed research.** If the research is in an area outside of the applicant’s documented expertise, please speak to the feasibility of the applicant to successfully carry out this research.

*Criterion: Applicant's proposed research program* - potential for the research program, executed in the proposed institutional environment thus to position the applicant for significant impact through a research-intensive career (potential for significant impact).

It is evident that Mr. Fang’s proposed research will directly impact power electronic technology. For instance, gsinf GaN device in the power electronics design will result in a revolutionary technology advancement. Even though gate driving technology for the GaN device is not available at the moment, the research on the gate driving for GaN device will fill the void and unleash its full potential in the power electronics design.

His industry and research backgrounds allow him to grasp its essence. He has a clear vision of the research problem and knows the required steps to take to find the solution. His analytical skills are on the advanced levels too. I am thus confident that he will produce a successful research output within the stipulated time frame.

**3. Please provide an assessment of the suitability of the proposed research environment from your perspective.**

Being is a renowned scholar and pioneer in the area of power semiconductor devices, smart power integrated circuits (PIC) design and fabrication technologies, Prof. Ng’s lab is among the best in the area of integrated power electronics research at a global scale. His success has been crowned by the extensive experience that he has in gate driving research. With these, we can come to a conclusion that Mr. Fang has the resources required at his disposable to become a well-rounded researcher in the future.