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Editorial Office Journal of Solar Energy Materials and Solar Cells Special Issue: Life cycle, environmental, ecology and impact analysis of solar technology

Dear Dr. Espinosa and Prof. Dr. Krebs,

We are pleased to submit our manuscript entitled *Life Cycle Assessment of Dynamic Building Integrated Photovoltaics* to this special issue of the Journal of Solar Energy Materials and Solar Cells. Our manuscript assesses the field of dynamic building integrated photovoltaic (BIPV) systems, which is gaining interest due to the increasing efficiencies of light weight thin film PV technologies.

We find that the environmental performance of a dynamic BIPV system is beneficial if it is built over glazed building surfaces, because the building profits from both adaptive shading, and PV production through solar tracking. For opaque facades, we see simple static BIPV solutions more favourable than dynamic systems. Further, we present considerations for the design of dynamic BIPV systems.

We believe our manuscript is of great interest to the researchers, engineers and architects reading your journal, as our findings can be readily applied in practice.

This manuscript describes original work and is not under consideration by any other journal. All authors approved the manuscript and this submission

We would like to thank you for taking your time to review our first application. The review was very helpful and we have modified our abstract accordingly. In our revised submission we have attached a revised manuscript which details all the changes, along with a complimentary document addressing the reviewers comments. We appreciate your time and look forward to your response

Yours sincerely,

Prageeth Jayathissa