Declaration

Thesis Title: Aggregation of Renewable Power Using DC Converters For Residential Applications

Degree for Which Thesis is Submitted: Ph.D.

I hereby declare that the entire work is the result of investigation carried out by me at the Electrical engineering department, Sardar Vallabhbhai National institute of Technology, Surat (Gujarat) and School of Solar Energy, Pandit Deendayal Petroleum University (SSE-PDPU), Gandhinagar (Gujarat); under the guidance of Dr. Makarand M. Lokhande and Dr. Abhijit Ray.

I also declare that this written submission represents my ideas in my own words and where others ideas or words are included, for that I have adequately cited and referenced the original sources. I have adhered honestly to all the academic principles and not misrepresented or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be cause for disciplinary action by “PANDIT DEENDAYAL PETROLEUM UNIVERSITY” and can also evoke penal action from the sources, which are not properly cited or from whom proper permission is not taken where needed.

Date: 18th June 2015

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