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**PROFILE**

# Tilo Buehler

Global R&D manager Microgrids, BESS, and Distributed Generation

## Education

2003                      PhD Physics  
University of New South Wales, Australia

## Professional Experience

What keeps me ticking is a continued push for innovation - understanding innovation as a combination of inventiveness and value creation. This includes technology improvements that enable a sustainable future: such innovations mean pushing technologies to their limits as in quantum computers, but also transforming systems from established solutions to more sustainable concepts as with the utilization of distributed assets in a prospering energy system.

In my current role I manage the ABB R&D organization for the business in microgrids, battery energy storage, and distributed generation. Prior to this role I held several technology program management positions in ABB and worked as a researcher at the ABB Corporate Research organization in Switzerland.

My academic research activities were focused on building quantum electronic devices for applications in a novel quantum computer. Distinctly different research areas that are merging now as energy technology and information technology get ever more strongly integrated.