**Application to PhD Programme Power Engineering at BTU Cottbus-Senftenberg**

**Statement of Research Interest**

**(1 page max. – font type Arial pt. 11)**

**Name:** Klicken Sie hier, um Text einzugeben.

**Summarize the natural science, engineering or management topics of interest to you**

(Please also mention in which discipline you see yourself and outline interdisciplinary links if necessary)

**What makes these topics interesting to you?**

**What are your experiences and skills in relation to your research interests?**

(Outline methods you have already used, mention programming and data analysis skills and if applicable lab, field or management experiences – list only methods you used in your research – do **not** list class room experience)

**What skills, methods, and techniques would you like to learn during your PhD programme?**

**Application to PhD Programme Power Engineering at BTU Cottbus-Senftenberg**

**Research Proposal**

**(5 pages text max. plus list of references, figures and tables,** **font type Arial pt. 11**

**Working title:** Klicken Sie hier, um Text einzugeben.

**Background**
(Natural science, engineering and/or management context, significance of the research problem to be addressed, open questions)

**Hypotheses and research objectives**
(State your research objectives within a generic scientific research question – a case study on its own is not sufficient)

**Methods**(Outline which methods you intend to use to achieve your research objectives, refer to published methods as much as possible and, if necessary, state modifications to those)

**Time table and required resources**
(Provide a concise time table in line with the objectives and methods as well as with the [curriculum of the PhD Programme](https://www.b-tu.de/en/powerengineering-phd/programme-content/curriculum), indicate resources you need to do your research e.g. access to data, computational facilities, laboratory and/or field visits)

**Expected outcomes**
(Outline what novel outcomes do you expect and, if relevant, how this might be used for applied problem solving)