

Oberseminar Master ET/IT and Master A&R

**Research Group: Power System Stability and Operation**

**Understanding the world of Virtual Power Plants**

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With this seminar, you can dive into the world of trending technologies in the energy sector, such as Virtual Power Plants (VPPs). The goal of this seminar is to have a structured literature overview of VPPs.

VPPs are a concept to aggregate small, mainly renewable generators and offer their cumulative power for varying services. This makes them an interesting topic not only for research in the context of “Energiewende” in Germany, but also for industries right now. This provides you an opportunity to learn about the technologies involved to form a VPP. These skills are highly interesting to potential employers and methodically you can learn about the process of reviewing big scientific topics and organizing this knowledge in an efficient manner.

**Dates:**

1. Kickoff-Meeting: 11.10.2022, 13:00 – 14:00
2. Registration until: 25.10.2022
3. Biweekly regular meeting (to be discussed together)

**Proposed method:**

1. Introduction to VPPs
2. Identifying relevant topics and research strategy
3. Literature research in a smart and efficient way

Registration is limited to 8 students and can be done by sending an email to the contact persons given below. The seminar will be held in English.

**Contact:**

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