

**Title:** Insulator testing

**Relevant Workstreams:**

Workstream 4, Transition from AC to DC, as part of the FAN project. The objective of this workstream is to assess the implications of the high level of infiltration of DC in AC systems and develop mitigation measures where needed. Furthermore, to enable progressive transition we will evaluate the potential of repurposing AC infrastructure for DC applications.

**Project Description:**

To continue this year's FYP, I would like to resume testing the insulator samples. Tests will include AC and DC flashover, PD, and adding pollution or water.

**Specific Requirements:** A good background knowledge of power systems, working with High Voltage. Ability to plan and execute experimental test setups.

**Resources:**

- A selection of MV insulators
- Laboratory facilities and supervision