Weekly Report – Electrical Drive Train

Group No: 6

Team Leader: Aiswarya Vijayan

Week Number: [Week 2, 27 July to 02 August 2025]

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1. Summary of Progress This Week

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* Continue collecting data on the electrical market situation in Syria and neighboring countries (Egypt, Turkey, UAE, and Iraq).
* Our group has completed the study various types of generators and make a short PPT based on the studies which also includes the common type of generators which is used in Syria.
* Conduct a study on the criteria for choosing generators in Syria.

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2. Milestone/Deadline Status

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• Current Phase: Concept Phase

• On Track?: Yes

• Notes: No delays so far.

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3. Next Week’s Plan

* Study the different types of converters which are generally used in the Wind Turbines especially the converters which are commonly used in Syria.
* Analyze the functions and classifications of converters in Wind Turbine Technology
* Begin studying MATLAB software and its applications.

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