Weekly Report – [Sub-Team Name]

Team Leader: Aiswarya Vijayan

Week Number: [Week 1, 21 to 26 July 2025]

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1. Summary of Progress This Week

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Initiated research on the electrical market situation in Syria and neighboring countries (Egypt, Turkey, UAE, and Iraq). Currently gathering data regarding energy infrastructure, grid stability, and renewable integration levels.  
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2. Milestone/Deadline Status

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• Current Phase: Concept Phase

• On Track?: Yes

• Notes: No delays so far. Initial literature and data collection progressing.

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3. Next Week’s Plan

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• Continue collecting technical and market data, especially detailed specifications of generator types suitable for 4–6 MW turbines.  
Started to study the basic characteristics of key generator types including PMSG, DFIG, and separately excited synchronous generators.  
• Plan a short meeting with my group members to discuss the next weeks task and plans.

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4. Request to Head of Project

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• If available, please share any existing databases or technical references related to wind turbine electrical systems.