**Weekly Report – [Machine Bed and Yaw System]**

Team Leader: [Shoukat Abbas]

Week Number: [Week 6]

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1. Summary of Progress This Week

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* Received first load data set from **Loads & Dynamics**.
* Confirmed **rated power: 5 MW** and **rotor diameter: 122 m**.
* Noted **rotor thrust = 1153 kN** and **rotor torque = 8750 kN·m**
* Converted these values into SI units for initial checks.

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2. Milestone/Deadline Status

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• Current Phase: Concept Phase (Initial load integration)

• On Track? [Yes]

• Notes: [If delayed, explain why and new estimate]

none

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3. Next Week’s Plan

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* Add blade edge, flap, and yaw tilt moments to load analysis.
* Complete SI conversion and draft interface load table.
* Sketch simple load transfer paths.

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4. Request to Head of Project

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• [Specify if you need any files, software, licenses, or support from other teams]

None

• [Any organizational support or coordination help]

None

• [Mention any technical or coordination issues]

None

• [Explain what support is needed, if any]

None