

Weekly Report – Loads and Dynamics Team

Team Leader: Mohamed Reda Alywa

Week Number: [Week 3, 04 to 10 Aug 2025]

1. Summary of Progress This Week

- The team completed the study of GL-Guidelines (2010) and DNVGL-ST-0437.
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2. Milestone/Deadline Status

- Current Phase: Concept Phase
 - On Track?: Yes
 - Notes: N/A
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3. Next Week's Plan

- The professor. Manjock has shared Excel files containing data for around 600 commercial wind turbines. The team will use the given parameters (Rated Power = 5 MW and Rotor Diameter = 122 m) to study these Excel sheets, identify turbines with similar values, and extract the estimated statistical loads.
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4. Request to Head of Project

- No technical issues reported at the moment.
- No additional software or licenses required at this stage.