

An-Najah National University



Faculty of Engineering & Information Technology

Electrical Engineering Department

**Improve the Stability and Performance of the Power Grid under
Changing Power Generation According to Dynamic Load**

Students:

Ghena Farouq

Tariq Dumaide

Mohammad Qasem

Mohammad Tubileh

Supervisor Name:

Eng. Omar Tamimi

A Report Submitted in Partial Fulfillment of the Requirements for the Degree of Bachelor of
Science in Electrical Engineering.

An-Najah National University (Palestine)

January 1st Semester

2026/2025