

Declaration of originality

I declare under my responsibility that the Project presented with the title **Unit Commitment Dispatch to Improve Stability in the face of Frequency Variations** at the ICAI School of Engineering of the Comillas Pontifical University in the academic year 2025/2026 is of my authorship and has not been presented previously for other purposes. The Project is not plagiarised from any other, either totally or partially, and the information that has been taken from other documents is duly referenced.

Use of Artificial Intelligence¹

I declare under my responsibility that (indicate the correct option):

☐ I have not used Artificial Intelligence in the preparation of this document.

☒ I have used Artificial Intelligence in the preparation of this document and/or Annex B under the conditions allowed by Comillas Pontifical University, i.e. applying Level 2 of the Perkins et al. (2024) Assessment Scale: "AI can be used for pre-task activities such as brainstorming, description and initial research. This level focuses on the use of AI for planning, synthesising and generating ideas, but assessments should emphasise the ability to develop and refine these ideas independently". Specifically, Artificial Intelligence has been used to:

- To provide initial guidance on the overall structure of the project and the organisation of its main sections.
- Assistance in the initial understanding of technical concepts related to the project.



Signature (student): Laura Abarca Carralero

Date: 06/07/26

¹ This declaration refers to the use of generative Artificial Intelligence to carry out the Project documents (Annex B and Memory). It does not apply to Projects where, by their nature, artificial intelligence must be used as part of them (application of machine learning techniques, neural networks, data analysis...).

Authorisation for Project delivery

Thesis supervisor	Thesis deputy supervisor (if any)
Signature:	Signature:
Date:	Date: