

# The First National Conference on Renewable Energies and Advanced Electrical Engineering (NC-REAEE'25)



University of M'Sila  
Faculty of Technology  
Electrical Engineering Laboratory (LGE)



May 06-07<sup>th</sup>, 2025

## *CERTIFICATE Of PARTICIPATION*

This Certificate is Awarded to:

**Hamza MOKRANE**

for presenting a paper entitled: **Distributed Watermarking for Detect Replay Attacks for 4 DGUs in DC Microgrids with Variants Loads**

Authors: **Hamza MOKRANE, Ahcene ABED, Mohamed OULD ZMIRLI, Nabil IFTISSEN**  
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**Conference Chair**

