



# Uways Nurulain Mithoowani

Address: Italy (-)

## WORK EXPERIENCE

 **EDP – PORTUGAL**

### TRAINEE ENGINEER

- Analyse and advice on business cases for micro grids.
- Develop a framework to reduce energy usage in a home for legacy devices using retrofitted smart meters. Based on our findings, published a paper on gamification usage for energy savings
- Joined EDP innovation's grids of the future team to find solutions to problems facing their distribution grid network. Researched on an AI layer to aid dispatch control and strategies to increase capacity for electric vehicle charging without grid investments.

 **ERSIS ENERJI – TÜRKİYE**

### JUNIOR ENGINEER

- ERSİS was the local sub-contractor for Akkuyu Nuclear Power Plant (4800 MWe; a first in Turkey). It also undertook feasibility and consulting for turnkey energy projects.
- Researched thermodynamic simulation software to assist in calculations. Recommended and successfully licenced ThermoFlow for use.
  - Calculated optimal design parameters for a 1MW Biogas plant.
  - Advised on local government regulations for the new biogas plant to ensure conformity.

## EDUCATION AND TRAINING

Rome, Italy

**MASTERS IN ENERGY ENGINEERING** Sapienza University

Türkiye

**BACHELORS IN ENERGY ENGINEERING** Erciyes University

## LANGUAGE SKILLS

Mother tongue(s): **ENGLISH**