The Automation Engineer in ENEL

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Automation Engineer: where we “applied” in ENEL
Automation Engineer: the value of a cross competence figure

A lot, but different from what you expect (probably)

Processes to be controlled

Machines to be controlled

Entire production units to be controlled

Thermal PP
Hydro
Renewables
Distribution etc.

Global!

WHERE ON EARTH?
Technical Support dimension: challenges and opportunities

- Manage all technologies (new, old, obsolete)
- Propose new/state of art solution
- Interface between PP-Suppliers
- Writing Tech Specs
- Verify manufacturers’ and suppliers’ job
- Trim & Adjust systems (design...)

AE in TS
Automation Engineer in TS: what’s the job

- Give Support
- Fault analysis and solution
- Tuning & Improvements
- Tech Specs (for new systems)
- Periodical Functional Tests
- Grid Code Tests
Automation Engineer in a multidisciplinary environment

- Need for highly specific and experienced competences
- Assistance: fault? Improvement? Upgrade?
- Particular needs or context?
- Innovation
- Tender? Direct Awarding?
- Tests & Inspections
- TSO (Terna)
- Supply the best possible solution

- Automation Engineer
- Power Plant
- Suppliers
- Engineering & Construction
- Manufacturer
- Procurement
- Grid Code Tests
- Pre & Post awarding phases
Let’s see some examples…
Thanks for your attention