



FARCROSS

Demo A.3 – Technical factsheet

Developing Wide Area Protection, Automation and Control (WAMPAC) solutions for the optimal exploitation of Greek HV transmission lines.

This demonstrator investigates the grid stability and security criteria that will act as service requirements for a complete WAMPAC solution. A detailed software architecture is then configured, aiming at improved control and monitoring of the Greek HV Transmission assets while strengthening the system's resilience to transient stability.

Major Impact Factors:

- Greek TSO (IPTO) will utilize the WAMPAC scheme to improve backup protection, monitoring and inter – area oscillation detection for its power transmission assets.
- WAMPAC will strengthen IPTO's regional and cross – border transmission asset operation, effectively detecting malfunctions and instability indications.
- Steady – state and dynamic limits of transmission equipment will be handled in a more active way, based on real – time data management.

DEMO LEADER



“This demonstrator implements wide area monitoring and protection solutions that contribute to the secure operation of the cross-border transmission network”

- Eduardo Martínez, CIRCE

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