

Federico Falorni is an electrical and automation engineer who graduated cum laude in the University of Florence with a thesis on power system protections and travelling waves fault locators. Interested in the electrical systems and in the energy sector he joined Terna SpA where at first he worked on HVAC/HVDC grid models and steady state studies in mid-long terms in grid planning and interconnection department. Federico during this period was a member of the ENTSO-E WG – Data and Models. Now Federico works in the Resilience and Security Grid Planning team where he is in charge of planning interventions aimed at increasing the resilience of the Italian HV grid and drafting the security and resilience plan. Together with his colleagues he developed the new probabilistic and predictive risk-based resilience methodology, approved positively by the NGA, to quantify the relevant benefits for cost benefit analyses of the grid interventions. He is specialized in the grid planning, climate change, power system resilience and security. He collaborates in GO15 - SWG2 – “Resilience of electricity infrastructure” and in Cigré - WG C1/4.46 - "Optimising power system resilience in future grid design". Passionate about good food, fine wine and nice company.

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