

## **The role of Energy Storage in the future decarbonized electricity system**

The presentation will be focused on an overview on forecasted RES growth in terms of capacity and contribution on total generation in the next 10 years, and on the related increasing need for flexibilization that modern grids need to face. Among other sources of flexibility, energy storage will have an increasing role, and Enel itself has an ambitious plan of hybridization of wind and PV plants with energy storage. While batteries are the most promising solution today, with the need for longer and longer duration of discharges, and need to provide additional services to the grid, new technologies (both electrochemical and not) are coming to the market.