

Our world is getting more digital, more connected, and more sustainable. Based on our deep domain knowledge in electrification and our pioneering digital solutions, we have created a comprehensive portfolio for all participants of the energy system. Increasing integration of power from renewable sources, often decentral with multidirectional energy flows, poses challenges to power grids. Despite all these changes, participants of the energy system still need to maintain grid stability, ensure power quality, enable sector coupling, deal with aging assets, and reduce costs. Bringing energy intelligence to the grid not only helps to master these challenges, but also generates new opportunities to increase asset and cybersecurity, efficiently balance generation and demand, and create new revenue streams. Writer: Abdulrahman Farid Mohamed Almazmi www.AbdulrahmanEN.com