

**Alphousseyni Ndiaye** received the Ph.D. degree from Higher Polytechnic School of Cheik Anta Diop University of Dakar, Senegal, in 2014. He is currently an Associate Professor with of Research Team Energetic System and Efficiency of Alioune Diop University of Bambey, Senegal since 2015. His current research interests include microgrids, electrical grid resiliency, energy selfconsumption and adaptive power electronics control based on Neuro-Fuzzy.