Emerging electronic transmission and distribution (eT&D) grids will evolve rapidly accommodating the changes in generation mix and load profile that are associated with increasing renewable and distributed generation, electrification and bidirectional power flows. For eT&D grids to operate reliably with a high degree of autonomy, there is a greater need for energy storage systems and intelligent power conversion systems with advanced circuit topologies and high speed communication infrastructure. Current challenges for the future eT&D grids include limited scale of energy storage deployments along with low penetration of power electronics in the current grid infrastructure. As we look into a future with 70-80% renewables in the generation mix and higher amounts of dc loads including electric vehicles and appliances, the load profile and operational aspects of the grid will experience changes that are not well forecast. In this presentation, I will review state of eT&D grid development, expected developmental pathways, and projections for eT&D grid in the distant future.