

Accelerating the transformation of the Australian energy grid

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Australia is charging ahead to transform to a sustainable, reliable and secure energy grid as traditional fossil fuelled power plants are rapidly phasing out. Urgency for a transformation is apparent as Australia experiences more frequent extreme weather events resulting in power disruption, power quality fluctuations, and predicted growth of demand by 2050. Australia's unique energy system must adapt and transform with innovative approaches to manage the now bidirectional nature of the grid, extensive electrification, and rapid uptake of enabling energy storage technologies to ensure a resilient and secure future.