



## Energy Systems – The Key to Transition to Cleaner Environment!

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### OVERVIEW

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The energy systems are rapidly evolving especially in terms of the generation and load profile. The changes are mainly driven by the need to move rapidly towards cleaner environment and sustainable energy resources. This talk will focus on highly level overview of the evolving landscape, critical role of energy storage systems, and how power systems engineers can help this transition.

### BIO

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**Prashant Kansal** leads the Power Systems team at Tesla with focus on BESS power systems model development, grid interconnection and balance-of-plant studies, and IBR grid performance standards across the world. Prior to Tesla, Prashant worked at American Electric Power (AEP), Schweitzer Engineering Lab (SEL), and Engineers India Limited (EIL) with experience across NERC TPL studies, grid stability, protection design and studies, synchrophasor applications, power quality, and substation design. He got his bachelors (EE) from Delhi College of Engineering, India and Masters (EE) from Washington State University, USA.

