

## Electric Energy Systems (II)

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- Introduction to Electric Energy Systems
  - Introduction to Power Generation and Renewable Energy Source
  - Basic Principles and Review of Phasors and Three Phase Power
  - Three Phase Power
  - Introduction to Magnetics and Magnetic Circuits
  - A Review on Electromagnetism and Rotational Motion
  - Introduction to Machine
  - DC Machine
  - AC Machine
  - Transformers
  - Per-Unit System
  - Introduction to Transmission-Lines
  - Transmission line parameter computation and analysis
  - Transmission-Line Model
  - Power Flow Analysis
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