

Gagan

TTY

DEE-23116 Introduction to Smart Grids

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Exam 20.12.2013

Own calculator is NOT allowed to use in the exam

1. Define shortly the following terms or concepts (2p/each)
  - a) DR (Demand Response)
  - b) Time-of-use pricing
  - c) AMR
2. List the main drivers and needs for development of Smart Grids (6p)
3. Explain briefly the different roles that Electric Vehicles (cover EVs and PHEVs) could have in Smart Grids (6p)
4. Explain briefly forming the price of electricity in the wholesale market (6p)
5. Draw voltage profile in distribution networks (6p)

