Mindluster Platform

About the course Power System Operation

Power System Operation course, in this course explore the principles and practices governing the efficient operation of electrical power systems in this comprehensive course.

Engineering Category's Courses

Course Lesson(26)

Lesson 1 : **Introduction to Power System**

Lesson 2 : **AC Power Supply System**

Lesson 3 : **Power Cut due to Short Circuit**

Lesson 4 : **Load Curve**

Lesson 5 : **Base Load Peak Load Plants**

Lesson 6 : **Average Load Pavg**

Lesson 7 : **Plant Load Factor PLF**

Lesson 8 : **Plant Capacity Factor PCF**

Lesson 9 : **Plant Usage Factor PUF**

Lesson 10 : **Utilization Factor**

Lesson 11 : **Reserve Capacity**

Lesson 12 : **Demand Factor**

Lesson 13 : **Diversity Factor**

Lesson 14 : **Cold Reserve Hot Reserve Spinning Reserve Firm Power**

Lesson 15 : **Economic Factors Solved Problem 1**

Lesson 16 : **Economic Factors Solved Problem 2**

Lesson 17 : **Economic Factors Solved Problem 3**

Lesson 18 : **Economic Factors Solved Problem 4**

Lesson 19 : **Importance of high Load factor Diversity Factor**

Lesson 20 : **Methods to improve Load Factor and Diversity Factor**

Lesson 21 : **Economic Load Dispatch**

Lesson 22 : **Economic Load Dispatch Solved Problem 1**

Lesson 23 : **Economic Load Dispatch Solved Problem 2**

Lesson 24 : **Economic Load Dispatch Solved Problem 3**

Lesson 25 : **Economic Load Dispatch Solved Problem 4**

Lesson 26 : **Generating Power Stations Introduction**

Related courses

Cabinetry Basics

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hinges workshops

CNC Computer numerical control

Jointing Systems

Cabinet tips

for Business Contact
business@mindluster.com