



Electricity supply problem

Demand for electricity varies greatly from hour to hour. Around 7am in winter there is a big demand as people get up, shower and turn on the heater. In the evening, there is another peak in demand while dinner is cooked in thousands of homes.

How O.R. helps

Min and Max, the O.R. heroes, work for electricity suppliers, using mathematical programs to decide each half hour which power stations should be generating. Their decisions save money and resources and keep prices down.

Operations Research

O.R. seeks to improve a problem situation by supplying decision makers with information and insights gained through problem analysis, often involving mathematical models and computers.

Operations Research



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