**A city with a flag and a tower

Description automatically generated with medium confidence**

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**PROSIT OUTCOME**

**KEYWORDS**

Blackout and Breakdown : a failure of an electrical power supply.

Energy : the capacity to do work.

Solar Production : The generation of electricity from sunlight using solar panels.

Game theory : the study of mathematical models of strategic interactions.

Probability : Probability is the measure of the likelihood that a particular event will occur, expressed as a number between 0 and 1.

Optimal strategic Equilibrium : state where no player can improve their outcome by changing their strategy, given the other players' strategies.

Generator : Device that converts motion-based power or fuel-based power into electric power for use in an external circuit.

1. Study game theory and its strategies

* [Poly\_Game\_Theory.pdf](https://cdn.discordapp.com/attachments/1287782496502550569/1287784498800623616/Poly_Game_Theory_2.pdf?ex=66f2ce46&is=66f17cc6&hm=25610733cab9c3433fb70095f515c0ef7b00ebf4c57e04abf0cc00f8dc7c98fa&)

1. Analyze weather forecasts with probabilities

A screen shot of a computer

Description automatically generated

A screen shot of a computer

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1. Analyze the given data

A screenshot of a calendar

Description automatically generatedA screenshot of a table

Description automatically generated

Marc Ready to Rent for 50k€ and Nicole Accepts 50k€

A white rectangular object with a black border

Description automatically generated with medium confidence

Marc Ready to Rent for 50k€ and Nicole Insists on 70k€

A white rectangular object with a black border

Description automatically generated with medium confidence

Marc Ready to Rent for 70k€ and Nicole Accepts 50k€

A white rectangular object with a black border

Description automatically generated with medium confidence

Marc Ready to Rent for 70k€ and Nicole Insists on 70k€

A screenshot of a computer

Description automatically generated

1. Find an optimal outcome

**Nicole**

A white rectangular object with a black border

Description automatically generated with medium confidenceA white rectangular object with a black border

Description automatically generated

**Marc**

**P = Probability that it is cloudy**