

Epreuve orale de DNL

Durée de préparation : 20 minutes

Durée de l'épreuve : 20 minutes

(10 minutes de présentation orale, 10 minutes d'entretien)

How China's giant solar farms are transforming world energy

By Chris Baraniuk for "BBC Future", "September, 2018"

Fly over "Datong County", a region in northern China, and you'll see two giant pandas. One is waving at you. They are made of thousands of solar panels. Together, and with the other adjacent panels included, they form a 100-megawatt farm covering 248 acres. It's actually a relatively small solar park by China's standards – but it is certainly patriotic.

- 5 "It is designed and built as the image of the Chinese national treasure – the giant panda," explains a document from Panda Green Energy, the company that constructed the farm.

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- 10 China has more solar energy capacity than any other country in the world, at a gargantuan 130 gigawatts. If it were all generating electricity at once, it could power the whole of the UK several times over. China is home to many sizeable solar farms – including the huge 850-megawatt Longyangxia Dam facility on the Tibetan Plateau, with its four million panels. And the largest solar plant in the world at the moment is in China's Tengger Desert – its capacity exceeds 1,500 megawatts.

- 15 China is the world's largest manufacturer of solar panel technology, points out Yvonne Liu at Bloomberg New Energy Finance, a market research firm. "The market is really big," she says. "It is like industrial policy for the government." According to the International Energy Agency (IEA) more than 60% of the world's solar panels are made in China. The government has a clear economic interest, then, in ensuring that there is high demand for solar panels.

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Aerial view of Panda Green Energy's farm.

Present the document and answer the following questions:

1. Why does the industry of solar energy increase?
2. How does a solar panel work?