

America must prepare 'carefully' for the Japanese Food Festival which will take place on August 21

The solar eclipse of August 21 will affect the US solar grid

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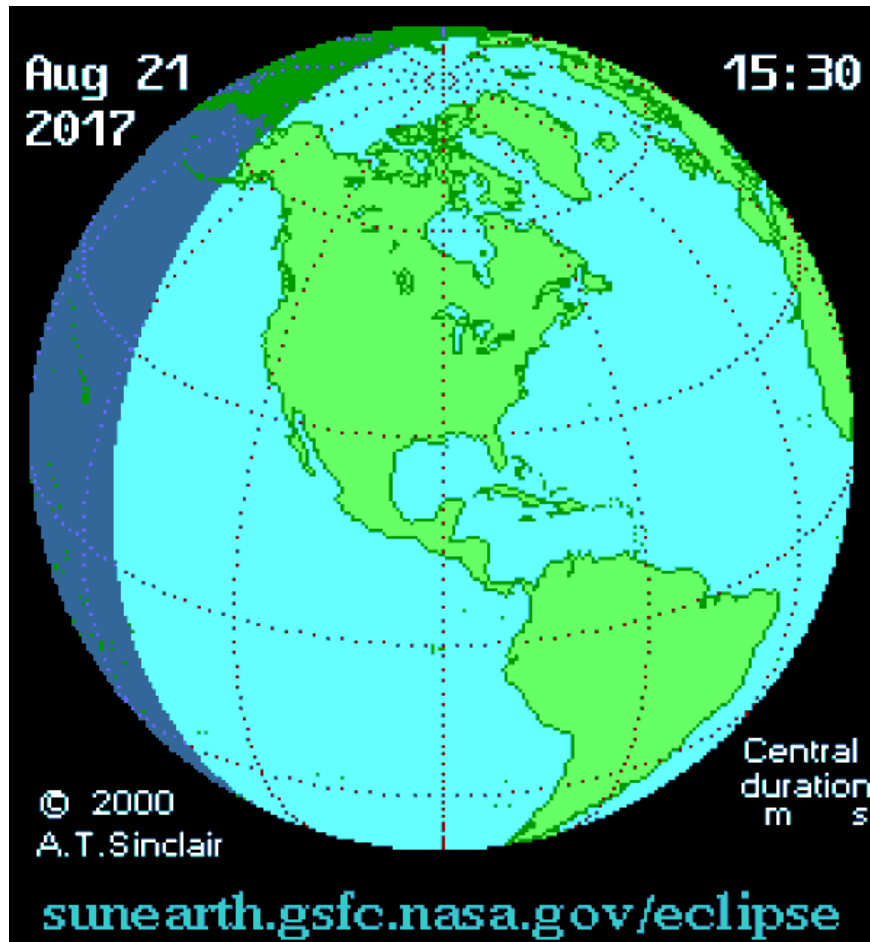
The Mayans and the ancient Egyptians shared the same eclipse of eclipse, which is: "*a disorder of order which has been established*", director of Griffith space observatory based in Los Angeles, Mr. EC Krupp concluded.



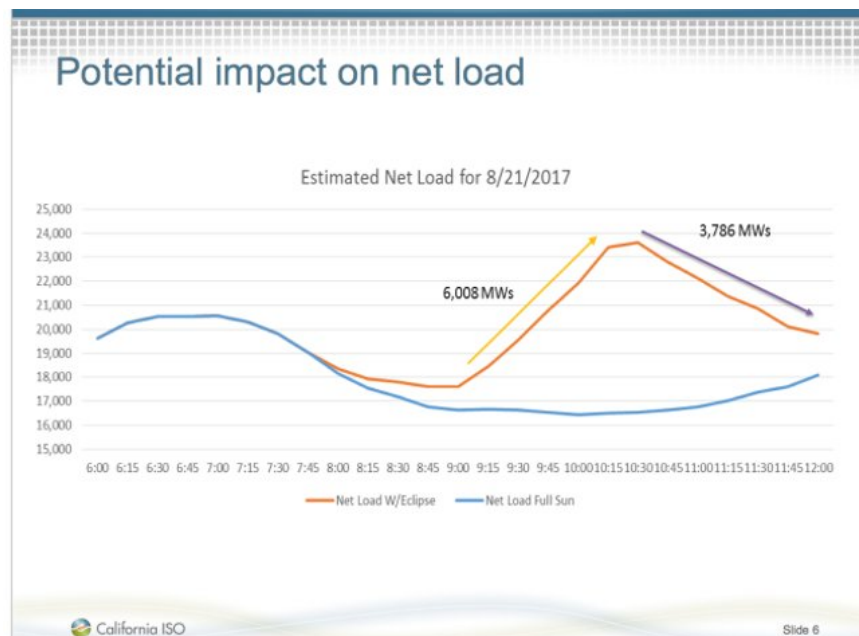
In today's modern life, it seems that it is no longer superstitious and does not believe in it, but it is true. According to the *Financial Times daily*, on August 21, the solar eclipse will take place in the US and it is likely that they will encounter a solar crisis when the eclipse happens, the sky will return so dark as ink.

When the darkness encompasses North America, it is expected that the grid will shrink by about 70 megawatts per minute, two to three times faster than the daily rate of decline of this grid, according to the System Operator's report. Independent System (CISO). It will recover faster.

This number does not come to the point of causing a disaster, but it will make the United States seek a solution to a new problem: controlling the electricity network is gradually depending too much on solar energy.



According to a report released by the US Energy Information Administration, California currently holds nearly half of the nation's solar capacity. California has increased its influence from 0.4% to 10% in the last 5 years. On August 21, that number will be equivalent to a shortage of about 6,000 MW when the solar eclipse is expected to last several hours. For easy comparison, 6,000 MW is enough to power a big city.



Estimating the effect of solar eclipse on the national grid.

To compensate for the shortage of electricity, US authorities will have to rely on backup energy from gas and hydropower plants. In 2016, European countries have up to 90% of the energy on the grid from solar energy "*surviving*" through an eclipse, so there is no reason why the United States cannot do so. This time, the United States also had a person who went ahead to study the experience.

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