

Hydrogen fuel can be the key to the study of the shadow craters of the moon, where ordinary lunocroding freezes, said Andrei Gorbunov, director of the Criminal Code of the Eastern Hydrogen Cluster.

According to him, classic lunar income can only work on the illuminated surface of the moon, because in the shade the temperature drops to -250 ° C, and the technique fails. Because of this, most lunar craters have not yet been investigated-they are constantly in the shade.

The solution to this problem can be hydrogen fuel elements. They are resistant to extreme cold and are able to produce electricity even at ultra -low temperatures.

For the operation of such an installation, two cylinders are needed - with hydrogen and oxygen. They will provide energy for lunar robots, allowing them to move and work even in the coldest places.

However, so far there are technical difficulties. For example, scientists have yet to create materials that can withstand such harsh conditions.

The development of such power plants will be an important step for the development of the moon for any country.