

Energy storage: "the fat cows" of our energy future ^[1]

Submitted on 10 April 2019 - 4:35pm

This article is reproduced by CienciaPR with permission from the original source.

Calificación:



The Professional is a member of CienciaPR

CienciaPR Contribution:

Wilson Gonzalez-Espada ^[2]

CienciaPR Author:

Diálogo Digital ^[3]

Original Source:

Wilson J. González-Espada

By:



La estudiante Karen Montaña Martínez.

When different sources of energy are discussed, there are those who support fossil fuels and others who support renewable energy sources. It is common to hear people make fun of solar energy and wind. "What is the use of polluting less, if the sun does not shine at night and the wind does not blow all the time," they say.

The answer to the critics of renewable energy is found in the biblical parable of Joseph and the cows. Joseph advises Pharaoh to keep food reserves in times of abundance (fat cows) to cope with the times of lean times, that is, lack of resources.

The trick of renewable energy, then, is to use the necessary energy and store the excess in some way that is accessible at night or on windy days. One of the technologies for energy storage are high capacity battery systems (Battery Energy Storage Systems or BESS).

To learn more, read the Spanish version of this story.

Source URL: <https://www.cienciapr.org/en/external-news/energy-storage-fat-cows-our-energy-future?page=14>

Links

[1] <https://www.cienciapr.org/en/external-news/energy-storage-fat-cows-our-energy-future> [2]

<https://www.cienciapr.org/en/user/wgepr> [3] <https://dialogoupr.com/el-almacenamiento-de-energia-las-vacas-gordas-de-nuestro-futuro-energetico/>