## **Accepted Manuscript**

Economic Viability of Battery Energy Storage and Grid Strategy: A Special Case of China Electricity Market

The second of th

Boqiang Lin, Wei Wu

PII: S0360-5442(17)30268-2

DOI: 10.1016/j.energy.2017.02.086

Reference: EGY 10379

To appear in: Energy

Received Date: 30 July 2016

Revised Date: 13 February 2017

Accepted Date: 16 February 2017

Please cite this article as: Boqiang Lin, Wei Wu, Economic Viability of Battery Energy Storage and Grid Strategy: A Special Case of China Electricity Market, *Energy* (2017), doi: 10.1016/j.energy. 2017.02.086

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

#### **ACCEPTED MANUSCRIPT**

## Highlights

- Presenting an arbitrage model to determine BES's optimal scale and operation mode.
- Energy storage can realize positive profit in some districts of China.
- Analyzing the factors that may impact revenue of energy storage.
- The grid can reduce the shock of energy storage by optimizing price mechanism.

#### Download English Version:

# https://daneshyari.com/en/article/5475974

Download Persian Version:

https://daneshyari.com/article/5475974

<u>Daneshyari.com</u>