

**GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:2489
ANSWERED ON:23.08.2013
RESEARCH ON BATTERY FOR SOLAR PHOTOVOLTAIC APPLICATIONS
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Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether Central Electrochemical Research Institute (CERI) has initiated any research for the development of a new kind of battery for Solar Photo Voltaic Application which would use solar energy for generation of power even during night and in cloudy condition; and

(b) if so, the details thereof?

Answer

MINISTER FOR NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH)

(a): Yes, Madam. Central Electrochemical Research Institute, Kataikudi, Tamilnadu undertook a collaborative R&D project with Solar Energy Centre, Ministry of New & Renewable Energy for Design and Development of Batteries for Solar Photovoltaic applications.

(b): Under the project, lead acid batteries of various types were studied for their suitability in Solar Photovoltaic applications and it was observed that hybrid AGM gel battery gives better results. Based on the outcome of the project, Indian Standards for Batteries were developed for use in SPV applications.