

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.2717
ANSWERED ON 16.03.2023**

ALTERNATIVE BATTERIES

2717. SHRI THOMAS CHAZHIKADAN:

**Will the Minister of POWER
be pleased to state:**

- (a) whether the Government is aware of any Indian manufacturers that manufacture alternative batteries and if so, the details thereof;**
- (b) whether the Government has taken/propose to take any steps to spread awareness about alternative batteries; and**
- (c) if so, the details thereof?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) : There are no major Indian manufacturers that manufacture alternative batteries like flow batteries on a commercial scale.

(b) & (c): The Government has taken the following steps to promote batteries including alternative batteries in a technologically agnostic manner:

- i. Ministry of Heavy Industry is implementing a Production Linked Incentive scheme on “National Programme on Advanced Chemistry Cell (ACC) Battery Storage” for achieving manufacturing capacity of Fifty (50) Giga Watt Hour (GWh) of ACC for Enhancing India’s Manufacturing Capabilities with a budgetary outlay of ₹ 18,100 crore. The scheme is technologically agnostic. The scheme also earmarks 5GWh of cumulative capacity to be offered to “Niche” ACC technologies of higher performance with a minimum threshold capacity of 500 MWh and is technologically agnostic.**
- ii. Ministry of New and Renewable Energy is implementing a scheme “Renewable Energy Research and Technology Development Programme” through various research institutions and industry to enable indigenous technology development and manufacture for widespread applications of new and renewable energy including alternative batteries. The Ministry encourages research and technology development proposals in collaboration with the industry and provides up to 100% financial support to Government/non-profit research organizations and up to 70% to Industry, Start-ups, Private Institutes, Entrepreneurs and Manufacturing units.**