

GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE AND FARMERS WELFARE
DEPARTMENT OF AGRICULTURAL RESEARCH & EDUCATION

LOK SABHA
UNSTARRED QUESTION NO. 2401
TO BE ANSWERED ON 09/03/2021

AGRICULTURE VOLTAGE TECHNOLOGY

2401. SHRI VISHNU DATT SHARMA:

Will the Minister of AGRICULTURE AND FARMERS WELFARE
कृषि और किसान कल्याण मंत्री be pleased to state:

- (a) whether the Government has any plan to expand Agriculture Voltage Technology (Developed by the Central Arid Zone Research Institute, Jodhpur) across the country in which the farmers have potential to increase their income and to generate more energy;
- (b) if so, the details thereof and if not, the reasons therefor;
- (c) whether the Government is achieving the irrigation target (as per the recommendations of Ashok Dalwai Committee) of 1.78 million/year and 1.85 million hectare/year from “Double Cropping Area”; and
- (d) if so, the details thereof and if not, the reasons therefor?

A N S W E R

THE MINISTER OF AGRICULTURE AND FARMERS WELFARE
कृषि और किसान कल्याण मंत्री **(SHRI NARENDRA SINGH TOMAR)**

(a) & (b): Agri-voltaic system of 105 kW capacity was developed by ICAR-Central Arid Zone Research Institute, Jodhpur. This technology can increase the income of farmers by generation of electricity and growing of cash crops simultaneously on the same piece of land. Under component-I of KUSUM (*Kisan Urja Suraksha Utthan Mahabhiyan*) scheme, there is a provision for installation of agri-voltaic system in farmers' fields with a capacity ranging from 500 kW to 2 MW. Moreover, National Solar Energy Federation of India (NSEFI) has also documented 13 operational agri-voltaic systems in the country managed by different solar PV functionaries and public Institutes.

- (c) Such a recommendation was not provided by this Committee.
- (d) Question does not arise.
