

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 2218
TO BE ANSWERED ON 01.01.2019

USE OF ENERGY EFFICIENT PUMPS IN AGRICULTURE

2218. SHRI AKHILESH PRASAD SINGH

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether Government has taken any steps to make country more energy efficient in agriculture sector; and

(b) whether Government is in collaboration with any of the PSUs, planning to launch energy efficient pumps for agriculture purpose, if so, the details thereof and if not, the reasons therefor?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER (I/C)
(SHRI R. K. SINGH)

(a) Yes Sir. The Bureau of Energy Efficiency under its Standards and Labelling programme has introduced the voluntary labelling program for agriculture pump-sets. Under this programme, the pump manufacturers can register their models to provide Star Labels (1 Star to 5 Star) based on the energy performance. Currently, 438 models from 8801 manufacturers are registered with the Bureau of Energy Efficiency.

On 25 July 2018 an MoU was signed between the Indian Council of Agricultural Research (ICAR), the Ministry of Agriculture and the Farmers Welfare, the Bureau of Energy Efficiency and Ministry of Power, to create awareness for energy efficient pump-sets and operational practices so as to adopt energy and resource efficient approaches in agriculture sector.

(b) Energy Efficiency Services Limited (EESL), a Joint Venture company of PSUs under the Ministry of Power is implementing the non-subsidized Agricultural Demand Side Management (AgDSM) Programme.

The programme was launched on 7th April 2016 from Vijayawada in the state of Andhra Pradesh. Under this programme, EESL is distributing BEE 5-star energy efficient agricultural pumps to farmers which ensure a minimum of 30% reduction in energy consumption with smart control panels which can be remotely operated to enhance the ease of operation of pumps by the farmers.

Till date, EESL has installed 44,780 no. of pump sets in the state of Andhra Pradesh and over 750 no. of pump sets in the state of Uttar Pradesh. Pilot projects have been completed in Maharashtra, Karnataka and Rajasthan.
