

32/54/2018-SPV Division
Government of India
Ministry of New and Renewable Energy

Atal Akshay Urja Bhavan
Lodhi Road, New Delhi 110003
Date: 15 Feb 2024

Office Memorandum

Subject: Mandate for shifting of agriculture load from Non-Solar hours to Solar hours as per OM issued in this regard by Ministry of Power dated 01.02.24

In alignment with India's commitment to sustainable practices and deploying 500 GW of non-fossil fuel installation by 2030, it is necessary that the agriculture sector transition to Renewable Energy by 2027. This transition is also required through a mandate under the EC Act. In this regard Ministry of Power has issued an OM dated 1.2.24 for shifting of agriculture load to Solar hours from Non-Solar hours. This requires an estimation of assured daytime irrigation power requirement.


2. All the states are therefore requested to provide the following information

- a. A comprehensive analysis of the agriculture load of the state
- b. Feasibility of providing assured daytime irrigation power through solar energy for a duration equivalent to the current hours supplied by DISCOM
- c. State-wise data on agriculture load, units consumed, and the number of agricultural feeders, along with their respective loads. The format was already shared with all the states.

3. This information is essential for strategic planning and will aid in the formulation of policies to support the transition to renewable energy in the agriculture sector. Kindly treat this matter with urgency, and ensure timely completion of the analysis.

4. All the states are encouraged to examine the feasibility of above proposal and provide the detailed report to this Ministry.

The prompt attention of all the states is highly appreciated.


(Dr. Nikhil Gakkhar)
Scientist D
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To
All SIAs/ Discoms/ SNAs of PM-KUSUM Scheme

Copy to:
Joint Secretary, Ministry of Power

