



## ABSTRACT

Agriculture and Farmers Welfare - Agricultural Engineering – Chief Minister's Scheme of Solar Powered Pumpsets-Implementation of 5000 nos. of Standalone Solar pumping Programme under PM-KUSUM. - Administrative sanction issued - Ministry of New and Renewable Energy (MNRE) 1<sup>st</sup> installment Central Financial Assistance(CFA) received - Financial sanction for the matching State share of Rs.24,88,89,200/- with the total 1<sup>st</sup> instalment funds of Rs.43.5556 Crores (30% Ministry of New and Renewable Energy (MNRE) Rs.18.66668 Crore + 40% State share Rs.24.88892 Crore) – Accorded – Orders – Issued.

## AGRICULTURE AND FARMERS WELFARE (AE1) DEPARTMENT

G.O. (Ms). No. 45

Dated: 24.02.2022.

திருவள்ளூர் ஆண்டு 2053,  
பிலை, மாசி 12-ஆம் நாள்.

Read:

- 1) Ministry of New and Renewable Energy (MNRE), Government of India, Letter No.32/54/2018-SPV division, dated 13.01.2021
- 2) Ministry of New and Renewable Energy(MNRE), Government of India letter No.32/54/2018-SPV Division dated 08.04.2021
- 3) The Chief Engineer (Agricultural Engineering) letter No.SC2/2460/2021 dated 19.04.2021
- 4) Agriculture Budget speech 2021-22 dated: 14.08.2021.
- 5) Ministry of New and Renewable Energy(MNRE), Government of India Letter No.32/24/2020-SPV Division dated 26.10.2021
- 6) G.O.Ms. No. 177 Agriculture and Farmers Welfare (AE1) Department Dated:09.11.2021
- 7) Ministry of New and Renewable Energy(MNRE), Government of India email dated 9.12.2021
- 8) Letter of Award issued to the companies by Chief Engineer (Agricultural Engineering) letter nos.SC2/2460/2021-1 to 9, dated 14.12.2021
- 9) The Chief Engineer (Agricultural Engineering) Letter No. SC2/2460/2021 dated 14.12.2021
- 10) The Chief Engineer (Agricultural Engineering) Letter No. SC2/2460/2021 dated 17.12.2021
- 11) The Chief Engineer (Agricultural Engineering) Letter No. SC2/ 22223/2021 Dated: 24.09.2021 and 27 .12.2021
- 12) Government letter No.42576/Fin (Res.II)/2021-1 Finance (Res II) Department Secretariat, Chennai Dated: 22.10.2021
- 13) Ministry of New and Renewable Energy(MNRE), Government of India F.No.32/ 98/2021-SPV division dated 30.12.2021
- 14) The Chief Engineer (Agricultural Engineering) letter no.SC2/2460/2021, dated 04.01.2022.

## ORDER:

During the Agriculture Budget held on 14.08.2021, the Hon'ble Minister for Agriculture and Farmers Welfare has made the following announcement.

(P.T.O)

**“39. Chief Minister’s Scheme of Solar Powered Pumpsets**

The demand for electricity is increasing for well irrigation. Solar Powered Pumpsets are a boon to farmers to use pumpsets for irrigation. To effectively utilize the solar power available in abundance in our State for Agricultural purpose by converting it to electric power, Chief Minister’s Solar Powered Pumpsets Scheme will be implemented. Under the Scheme, provision of Off-Grid-Standalone Solar Powered Pumping System, 5,000 Solar Pumpsets upto a capacity of 10 horse power with 70 percent subsidy will be installed during the current year 2021-2022 for the benefit of farmers. This Scheme will be implemented at an outlay of Rs.114.68 Crore with State, Union Government funds”.

2. In the Government Order 6<sup>th</sup> read above, Administrative sanction has been accorded for implementation of 5000 nos.of Standalone Solar Pumping programme “Chief Minister’s Scheme of Solar Powered pumpsets” during the year 2021-2022 and the funding pattern for the scheme is as below;

Ministry of New and Renewable Energy (MNRE),	}	: 30%
Central Financial Assistance (CFA)		
(Under PM-KUSUM Component B)		
State Government share		: 40 %
Total subsidy		: 70%
Farmer’s contribution		: 30%

3. The Chief Engineer (Agricultural Engineering) has also been instructed to restrict the subsidy to 7.5 hp for the installation of 10 hp pump as in the Government of India (GoI) under Pradhan Mantri Kisan Urja Suraksha evam Utthan Mahabhiyan (PM-KUSUM) scheme guidelines, in order to avoid sanction of additional State matching share.

4. In the letter 14<sup>th</sup> read above, the Chief Engineer (Agricultural Engineering) has sent the proposal for seeking financial sanction for the implementation of the Chief Minister’s Scheme of Solar Powered Pumpsets during 2021-2022.

5. In the letter first read above, the Ministry of New and Renewable Energy (MNRE), Government of India (GoI), has accorded sanction for the installation of 5000 numbers of standalone solar pumps under component ‘B’ of PM -KUSUM scheme to Agricultural Engineering Department, Tamil Nadu for the year 2020-2021. The Scheme is to be taken up during 2021-2022. In the letter fifth read above, the Ministry of New and Renewable Energy (MNRE), Government of India has communicated the revised bench mark cost for the year 2021-2022.

6. In the mail seventh read above Ministry of New and Renewable Energy(MNRE), Government of India has communicated the centralized tender rates approved excluding GST for the year 2021-2022 and list of empanelled companies upto 10 hp (AC/DC, Submersible (water filled motors) / Surface pumps) for the State for the year 2021-2022.

7. Based on the approved rates excluding GST received from Ministry of New and Renewable Energy(MNRE), Government of India, the rates including GST for the off –grid Standalone Solar Pumpset for 3 hp, 5 hp, 7.5 hp and 10 hp AC/DC, Submersible(water filled/oil filled), Surface pump has been worked out and furnished

by the Chief Engineer (Agricultural Engineering) and MNRE Bench Mark cost rate for the year 2021-22 has also been furnished by the Chief Engineer (Agricultural Engineering). Subsidy details for the off-grid Standalone Solar Pumpset for 3 hp, 5 hp, 7.5 hp and 10 hp AC/DC, Submersible (water filled), Surface pump has been worked out and furnished by the Chief Engineer (Agricultural Engineering).

8. In the Government Order 6<sup>th</sup> read above, the permission has been accorded to the Chief Engineer (Agricultural Engineering) to issue Letter of Award (LoA) to the nine empanelled companies on 14.12.2021.

9. In the letter 10<sup>th</sup> read above, the Ministry of New and Renewable Energy(MNRE), Government of India has been requested for release of 30% Ministry of New and Renewable Energy(MNRE), Central Financial Assistance ( CFA) for the implementation of the 5000 Nos. of Off-Grid Standalone Solar Powered Pumpset Programme for the year 2021-2022.

10. Fund release as per the PM-KUSUM guidelines for Component B

- Funds up to 40% of the applicable Central Financial Assistance (CFA) for the sanctioned quantity would be released as advance to the implementing agency only after placement of letter of award(s) to the selected vendors. The implementing agencies may pass on this fund to the selected vendors in different stages on achievement of various milestones as per terms and conditions of letter of award(s).
- Second instalment up to 30% of the applicable Central Financial Assistance (CFA) would be released on submission of Utilisation Certificates(UCs) and Statement of Expenditure (SoE) for the first release.
- The balance eligible Central Financial Assistance (CFA) along with applicable service charges would be released on acceptance of the Project Completion Report in the prescribed format, Utilization Certificates as per GFR and other related documents by the Ministry.

11. In the letter 13<sup>th</sup> read above, the Ministry of New and Renewable Energy(MNRE), Government of India has accorded sanction for release of Rs.18,66,73,283/- as first instalment of Central Financial Assistance (CFA) 40 % of the applicable Central Financial Assistance (CFA) for the sanctioned quantity of 5,000 numbers under the following head. The amount has been credited to the PFMS linked bank account of Chief Engineer (Agricultural Engineering) opened for this purpose on 04.01.2022.

"Major Head 2810, 00-N&RE, Minor Head: 101-Grid Interactive and Distributed Renewable Energy, Sub Head: 02-Off Grid / Distributed and Decentralized Renewable Power, Detailed Head: 12- Kisan Urja Suraksha evam Utthan Mahabhiyan, Object Head: 35- Grants for creation of capital assets (2810.00.101.02.12.35) during the year 2021-2022".

12. The tentative hp wise, model wise break up for 5000 nos.of Standalone Solar Powered Pumping System has been worked out and the cost break up details and fund sharing for 70 % subsidy has been furnished by the Chief Engineer (Agricultural Engineering). The breakup details for the solar pumpsets proposed to be installed in 'Safe' firka and 'other than Safe' firka has also been furnished by the Chief Engineer (Agricultural Engineering). The tentative hp wise, model wise cost breakup details are worked and furnished by him.

13. The Chief Engineer (Agricultural Engineering) has furnished the matching 40% State share of Rs.24.889 Crore towards the 1<sup>st</sup> instalment release of

Rs.18.667 Crore of 30% Ministry of New and Renewable Energy(MNRE) Central Financial Assistance (CFA). The Ministry of New and Renewable Energy(MNRE), Government of India second instalment amount will be obtained in the Public Financial Management System(PFMS) linked bank account on incurring the expenditure for the funds released.

14. As Pradhan Mantri Kisan Urja Suraksha evam Utthan Mahabhiyan (PM-KUSUM) scheme is a Central Sector Scheme it will not be covered under Standard Operating Procedure (SOP) of Public Financial Management System(PFMS) to be followed for release of funds under Centrally Sponsored Scheme communicated by Department of Expenditure, Ministry of Finance, Government of India.

15. Hence, the 70% subsidy amount to the companies installing the Solar Pumping System to the farmers will be made as follows:-

- The 30% amount of Ministry of New and Renewable Energy (MNRE) is to be released to the companies from the bank account through ECS to the companies account by the sub divisional Assistant Executive Engineer (AEEs) who issues the work order to the companies for the individual installation to the companies and the balance 40% payment from the State share to be made through sub treasury by presenting the bills by the sub divisional AEEs to the companies account through ECS.

16. In the letter dated 24.09.2021, the Chief Engineer (Agricultural Engineering) has sent the Detailed Project Report (DPR) for getting NABARD-RIDF XXVII fund for the loan assistance for the State share Rs.59.62 Crore towards the installation of 5000 nos.of Standalone Solar Powered Pumpsets to farmers for the year 2021-2022. In the letter 12<sup>th</sup> read above, the Government in Finance department has forwarded the revised proposal to NABARD for its loan assistance under RIDF XXVII for the year 2021-2022 for the "Implementation of Solar Pumps Programme in Tamil Nadu" at a cost of Rs. 59.62 Crore.

17. In the letter dated 27.12.2021, the Chief Engineer (Agricultural Engineering) has sent the revised amount for the NABARD-RIDF loan assistance for the State share of Rs.62.224 Crore towards the installation of 5000 nos.of Standalone Solar Powered Pumpsets to farmers, since the Ministry of New and Renewable Energy(MNRE) centralized tender rates for the year 2021-2022 has been received. It is under consideration.

18. Hence the Chief Engineer (Agricultural Engineering) has requested the government to accord Financial sanction for a sum of Rs.24.889 Crore for taking up the programme with the total 1<sup>st</sup> instalment funds of Rs.43.556 Crore (30% Ministry of New and Renewable Energy(MNRE) Central Financial Assistance(CFA) Rs.18.667 Crore + 40% State Share Rs.24.889 Crore) for implementation of the Solar Pumps Programme for the year 2021-2022.

19. The Government after careful consideration of the proposal of the Chief Engineer (Agricultural Engineering) accord Financial sanction for a sum of Rs.24,88,89,200/-(Rupees Twenty Four Crore Eighty Eight Lakh Eighty Nine Thousand and Two Hundred only) for taking up the Solar Powered Pumpsets programme with the total 1<sup>st</sup> instalment funds of Rs.43.5556 Crore (30% MNRE Central Finance Assistance(CFA) Rs.18.66668 Crore + 40% State Share Rs.24.88892 Crore) for implementation of the Solar Pumps Programme for the year 2021-2022.

20. The expenditure sanctioned in para 19 above shall be debited in the following head of account.

"2402-00-Soil and Water Conservation-102-Soil Conservation State's Expenditure KC-Provision of Solar powered pumping system under Rural Infra structure Development Fund of NABARD-311 Subsidies 01-Individual Based Subsidy"

(IFHRMS DP code: DPC 2402-00-102-KC-31101- Rs.24.889 Crore)

21. The Chief Engineer (Agricultural Engineering), Agricultural Engineering Department is authorized to draw and incur the expenditure for the year 2021-2022.

22. This order issues with the concurrence of Finance department vide its U.O. No. 1973 / Finance (Agri & FW) / 2022, Dated: 28.01.2022.

**/BY ORDER OF THE GOVERNOR/**

**C. SAMAYAMOORTHY  
AGRICULTURAL PRODUCTION COMMISSIONER  
AND SECRETARY TO GOVERNMENT**

To

The Chief Engineer (Agricultural Engineering), Chennai - 35.

The Director of Agriculture, Chennai - 5.

The Director of Horticulture and Plantation Crops, Chennai - 5.

The Managing Director, Tamil Nadu Generation and Distribution Corporation,  
Chennai - 32.

The Chairman & Managing Director, Tamil Nadu Energy Development Agency,  
Chennai - 16.

All District Collectors.

The Pay and Accounts Officer (South), Chennai - 35.

The Commissioner of Treasuries and Accounts, Chennai - 15.

The Treasury Officers/ Sub Treasury Officers concerned.

The Principal Accountant General (AAD/FSA Cell/Audit-I/II), Chennai -18.

The Resident Audit Officer, office of the Principal Accountant General (General and  
Social Sector Audit), Secretariat, Chennai - 9.

The Deputy Accountant General/ES-I, Office of the Accountant General  
(E&RSA), Chennai -18.

The Secretary to Government of India, Ministry of Agriculture, Department of  
Agriculture and Cooperation, Krishi Bhavan, New Delhi 110 001.

The Director, SPV off grid division, Ministry of New and Renewable  
Energy, Government of India, Block No.14, CGO Complex, Lodhi road,  
New Delhi-03.

**Copy to:**

The Senior Private Secretary to Agricultural Production Commissioner and Secretary  
to Government, Chennai - 9.

The Finance (Agri & FW/W&M) Department, Chennai - 9.

The Energy Department, Chennai - 9.

The Agriculture and Farmers Welfare (OP3/B&P/AP1) Department, Chennai - 9.  
The Assistant Programmer, Agriculture and Farmers Welfare Department,  
Chennai-9.  
Stock File / Spare Copies.

/FORWARDED BY ORDER/

*A. S. Sankaranarayanan*  
25.02.22  
SECTION OFFICER

*D*  
25/2/22