



ABSTRACT

Agriculture Department – Agricultural Engineering – Provision of 1000 Nos. of Solar Pumps with 90% subsidy during the year 2017-18 – Sanction of funds to the tune of Rs.29.94 crore - Orders – Issued.

Agriculture (AE1) Department

G.O.(Ms). No.217

Dated: 31.08.2017

திருவள்ளூர்வாராண்டு 2048

ஆவணி திங்கள் 15-ஆம் நாள்

Read:

1. From the Chief Engineer (Agricultural Engineering) letter No.SC5/534/2017, dated 20.06.2017 and 18.07.2017.
2. The Tamil Nadu Generation and Distribution Corporation (TANGEDCO) proceedings No.324, dated 27.06.2017.

ORDER:

During 2012-13 and 2013-14 the Government sanctioned 2500 Nos. of 5 HP AC Solar powered pumping systems to the farmers with 80% Subsidy under National Agricultural Development Programme (NADP) (50%) and Ministry of New and Renewable Energy (MNRE) (30%) assistance to encourage and popularize use of solar energy in Agriculture Sector, as there is a growing demand of power for irrigation operation. Out of targeted quantity of 2500 Nos., 2293 Nos. of Solar pumps have been installed in the farmers' fields. Considering the benefits of Solar Pumps and demand among the farmers, during the year 2016-17, the Government sanctioned 500 Nos. of Solar powered pumping systems upto capacity of 10 HP to the farmers with 80% subsidy under National Agricultural Development Programme (NADP) and State Fund Assistance for a total subsidy amount of Rs.21.80 crore.

2. Considering the huge potential and demand among the farmers, the Hon'ble Chief Minister has, among others, made an announcement under rule 110, in Tamil Nadu Legislative Assembly on 11.07.2017 that 1000 Solar Pump sets with 90% subsidy will be installed through Agricultural Engineering Department at the cost of Rs.29.94 crore. The Hon'ble Minister for Electricity, Prohibition and Excise has also announced

that the Tamil Nadu Generation and Distribution Corporation (TANGEDCO) would provide Rs.15.00 crore as its assistance for the above scheme (off grid).

3. Based on the above announcement, the Chief Engineer (Agricultural Engineering) has sent proposals for provision of 1000 Nos. of Solar pumps of capacities 5 HP to 10 HP to the farmers with 90% subsidy (State Funds 40%, MNRE 20%, TANGEDCO 30% and Farmers' contribution 10%) during 2017-18 and requested to accord sanction for a sum of Rs.29.94 Crore (including MNRE head Rs.8.50 crore which would be reimbursed after completion of installation as detailed below:-

(Rs. in Crore)

State's Share	-	21.44
MNRE Assistance	-	8.50
TANGEDCO (30%)	-	14.97
Farmer's Contribution	-	4.99
Total cost for provision of 1000 Solar Pump Sets	-	49.90

The Chief Engineer (Agricultural Engineering) has also stated that based on the prevailing ground water table in all districts of Tamil Nadu, the quantity arrived is tentative and may be changed according to the farmers' demand during implementation without exceeding the sanctioned amount. He has, therefore, requested to change the allocation of quantity of the above said three capacities of solar pumps in accordance with the applications received from farmers and techno feasibility report for provision of required solar pumps without exceeding the overall sanctioned outlay.

4. The Tamil Nadu Generation and Distribution Corporation (TANGEDCO) will implement this scheme as a Pilot Scheme jointly during 2017-18 with the Agricultural Engineering Department with the Tamil Nadu Generation and Distribution Corporation (TANGEDCO) share of Rs.15.00 crore for provision of 1000 Nos. stand alone (off grid) Solar water pumping system of 5/7.5/10 HP capacity each, to the farmers in the State for irrigation use and has issued administrative approval. The TANGEDCO contribution will be handed over to the Agricultural Engineering Department on submission of Joint inspection and Commissioning Report for installation of the pumpsets.

5. The Government have examined the proposal of the Chief Engineer (Agricultural Engineering). As per the Ministry of New and Renewable Energy (MNRE) Norms, Benchmark cost for Solar Pumps is Rs.85,000/- per HP and eligible 20% Central Financial Assistance will be Rs.17,000/- per HP. As such, Central Financial Assistance under Ministry of New and Renewable Energy (MNRE) eligible for 5 HP would be Rs.85,000/- restricted to 5 HP only. For 1000 Nos. of Solar Pumps, total

tentative cost (based on previous year) is Rs.49.90 crore. (State Fund (60%) - Rs.29.94 crore, TANGEDCO share - Rs.14.57 crore and Farmers' contribution (10%) - Rs.4.99 crore). Out of Rs.29.94 crore, eligible MNRE Assistance is Rs.8.50 crore, which would be got reimbursed after furnishing completion Certificates for installation of Solar Pumps. Accordingly, the Government accord administrative sanction for provision of 1000 Solar Pumps at the cost of Rs.49.90 crore (Rupees Forty nine crore and ninety lakh only) during 2017-18, with 90% subsidy (60% Government Funds-Rs.29.94 crore including MNRE Assistance + TANGEDCO 30% - Rs.14.97 crore + 10% Farmers' contribution Rs.4.99 crore) and financial sanction for a sum of Rs.29.94 crore (Rupees Twenty nine crore and ninety four lakh only) which includes MNRE Assistance of Rs.8.50 crore and Government of Tamil Nadu Share of Rs.21.44 crore for implementation of the above scheme.

6. The amount sanctioned in para-5 above shall be debited under the following heads of account:-

"2810 - New and Renewable Energy - 02 - Rs.8.50 Crore
Solar - 800 other expenditure - Central
Sector Schemes - SA - New and Renewable
Energy Scheme - 11 Subsidies - 01
individual subsidy"
(DPC 2810-02-800-SA-1116)

"2402-00-Soil and Water Conservation -102 - Rs.21.44 Crore
Soil Conservation - State's Expenditure KA-
Provision of Solar powered Pumping System-
11 Subsidies 01-Individual based subsidy"
(DPC-2402-00-102-KA-1110)

7. Necessary additional funds of Rs.29.94 crore will be provided in Revised Estimates / FMA 2017-18 under the relevant head of accounts. Pending provision of such funds, the Chief Engineer (Agricultural Engineering) is permitted to draw and disburse the amount sanctioned in para-5 above. However, the expenditure shall be brought to the notice of the Legislature by specific inclusion in the Supplementary Estimate. The Chief Engineer (Agricultural Engineering) is requested to include this expenditure while sending the proposal for Revised Estimates / Final Modified Appropriation 2017-18 and also to send necessary explanatory notes for including the above expenditure in the Supplementary Estimates 2017-18 to Government in Finance (Agri/BG-I) Department at the appropriate time without fail.

8. The Ministry of New and Renewable Energy Assistance would be got reimbursed by the Chief Engineer (Agricultural Engineering) after furnishing of Completion Certificate. The Tamil Nadu Generation and

Distribution Corporation (TANGEDCO) contribution will be handed over to the Agricultural Engineering Department on submission of Joint inspection and Commissioning Report for installation of the pumpsets.

9. The Government permit the Chief Engineer (Agricultural Engineering) to change the allocation of quantity of the above said three capacities of solar pumps in accordance with the applications received from farmers and techno feasibility report for provision of required solar pumps without exceeding the overall sanctioned outlay.

10. This order issues with the concurrence of Finance Department vide its U.O.No.44405/Fin(Agri)/2017, dated 30.08.2017 and Additional Sanction Ledger No.1317 (One thousand three hundred and seventeen)

//BY ORDER OF THE GOVERNOR//

**GAGANDEEP SINGH BEDI
AGRICULTURAL PRODUCTION COMMISSIONER
AND PRINCIPAL SECRETARY TO GOVERNMENT**

To

The Chief Engineer (Agricultural Engineering), Nandanam, 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 -2.

The Chairman and Managing Director,

Tamil Nadu Energy Development Agency, Chennai -6.

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(G&SSA), 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, Ministry of New and Renewable Energy, Government of India, New Delhi.

Copy to:

The Principal Secretary to Government, Energy Department, Chennai-9.

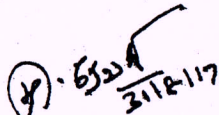
The Hon'ble Chief Minister's Office, Chennai -9.

The Hon'ble Deputy Chief Minister's Office, Chennai -9.

The Special Personal Assistant to Hon'ble Minister for Agriculture, Chennai -9.

The Private Secretary to Agricultural Production Commissioner
and Principal Secretary to Government, Agriculture Department, Chennai-9.
The Finance (Agri/BG-I/BG-II) Department, Chennai - 9.
The Agriculture (OP3 / B&P) Department, Chennai -9.
The Data Entry Operator, Agriculture Department, Chennai - 9.
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SECTION OFFICER
