



ഭരണഭാഷ-മാതൃഭാഷ
അനെർട്ട്
ANERT



Agency for New and Renewable Energy Research and Technology

നവീനവും പുനരപയോഗയോഗ്യവുമായ ഊർജ്ജ ഗവേഷണങ്ങൾക്കും സാങ്കേതിക വിദ്യകൾക്കുമുള്ള ഏജൻസി
(Department of Power, Government of Kerala)

No. ANERT-TECH/308/2021-DPE(RTS)

16/12/2021

" Soura Thejas "

This programme envisages to generate electricity from Solar Photovoltaic power plants and promote decentralised power generation to support the state to come out of shortage of Generation of Electricity and to minimise the transmission losses. This programme includes, Part 1- Solar Power Plants for domestic Sector with Central Finance assistance (As a Part of "Soura" programme implemented through KSEBL.), Part 2- Installation of Solar Power Plants Grid connected and Hybrid. In this case premium models will be listed in www.buymysun.com and prosumer can select his contractor and process the installation through our digital platform and Part 3- RESCO model implementation of Solar Power Plants for industries, Commercial establishments and others.

Now we are ready with Part (1) of Soura Thejas- implementation of Solar Power Plant with CFA for domestic Sector. ANERT is allocated with 25MW of Sanction received from MNRE for implementing Rooftop Domestic Grid-connected Solar Power Plant programme in Kerala.

**Soura Thejas PART 1. Solar Power Plants for domestic Sector with
Central Finance assistance (As a Part of "Soura" programme
implemented through KSEBL.)**

Objective

To install a minimum aggregate capacity of 25MW of Rooftop Domestic Grid Connected Solar Power Plants of capacities ranging from 2kW to 10 kW for domestic consumers and up to 500kW for housing welfare societies. The capacity of the plant will be limited to the connected load of the prosumer. In the case housing welfare societies it is limited to 10kW per member and aggregated capacity limited 500kW.

EPC Developer/ Installing Agency

The Developers empanelled by KSEBL, who are willing to work with ANERT, shall execute an agreement in this regard. They will be eligible to be listed in www.buymysun.com, the e-commerce portal of ANERT. These Developers will be binding to the tender conditions, Contract agreement, Performance Bank Guarantee submitted to KSEBL. If the total installed capacity exceeds the capacity of allocation, further allocation will be done, upon request from the agency for the completion of the project. In such cases the agreement will be revised and additional security will be collected.

Capacity wise approved list of agencies will be published and will be updated as and when required.

Details of Cost of Power Plant/ Subsidy

3.1 Subsidy amount is calculated as per the Benchmark cost of MNRE at the time

of Commissioning of Plant. Present Benchmark cost as per MNRE Order dated 27/10/2021 is mentioned below.

Sl No	Capacity in kW	Benchmark cost without GST	Benchmark cost without GST
1	Upto 1 kW	Rs. 46,923/-	Rs. 53,398/-
2	>1kW upto 2 kW	Rs. 43,140/-	Rs. 49,093/-
3	>2 kW upto 3 kW	Rs. 42,020/-	Rs. 47,819/-
4	>3 kW upto 10 kW	Rs. 40,991/-	Rs. 46,648/-

The above prices are inclusive of all Installation and commissioning, transportation, insurance, CMC for 5 years and excluding Net Metering cost. GST is calculated as per present GST rates.

3.2 Subsidy will be applicable for Residential Sector Consumers, Group Housing Societies/Residential Welfare Associations etc or common facilities upto 500KW (at 10 kW per House) with the upper limit being inclusive of individual rooftop plants already installed by individual residence in that GHS/RWA. However for Group Housing Societies/Residential Welfare Associations the subsidy will be limited to 20% for RTS Plants for supply of Power to common Facilities.

- Plant capacity upto 3 kW, subsidy will be 40% of the Benchmark Cost or the lowest cost arrived through Tender
- Plant capacity above 3 kW and upto 10 kW, subsidy will be 40% upto 3 kW plus 20% for RTS system above 3 kW and upto 10 kW or the lowest cost arrived through Tender

3.3 Total Cost standard installation , Subsidy of the solar power Plant is attached as Annexure 1 (will be updated).

Beneficiary Registration

- Beneficiaries can directly register through www.buymysun.com and they will be eligible for the subsidy based on the priority of application received through www.buymysun.com. Aadhaar Number of the beneficiary shall be linked with buymysun portal at the time of Registration.
- An advance payment Rs. 1,000/- + GST(@18%) has to be paid to ANERT on registration. This amount is treated as advance and will be acknowledged in the invoice of the Developer.
- Beneficiary is free to choose any Developer and their products listed by them in the buymysun Portal.

4. The beneficiary has to execute an agreement with the selected Developer, and place work order within 15 days of registration. For any extra or additional work over and above the standard installation, (Standard installation includes the installation of the system on a flat roof at a height of 70-150 mm from roof level and total cabling of 50 mts. on AC and DC side) the charges can be mutually discussed and agreed with beneficiary and the developer and this has to be in co-operated in the work order. However this rate shall be borne by the beneficiary.
5. The beneficiary share (total plant cost –(less) subsidy component) shall be paid directly to the Developer.
6. The timeline for completion of the project is 60 days from the date of confirmed work order by the beneficiaries.
7. a. For Plant Capacities up to 30kW -The final inspection of the installation shall be carried out jointly by Beneficiary, Developer, KSEBL and ANERT. Joint Completion Report shall be created after this Inspection. b. For Plant Capacities above 30kW -Scheme Approval and Energization certificate from Electrical Inspector is applicable for plants with capacity above 30kWp. The final inspection of the installation shall be carried out jointly by Beneficiary, Developer, ANERT and KSEBL after getting Energisation certificate from Electrical Inspectorate. Joint Completion Report shall be created after this Inspection.

For plant capacity upto 30kWp , Standard SLD of Electrical Inspectorate shall be followed . Upto 10 kWp plant Completion Certificate to be submitted to KSEBL only. Above 10 kWp and upto 30 kWp Completion Certificate to be submitted to both Electrical Inspectorate and KSEBL ; Above 30 kWp plants onwards Schematic approval for each site from Electrical Inspectorate/ Chief Electrical Inspector to be collected before commencement of work as the case may be.

8. The beneficiary details will be validated with KSEBL on registration. If any of the beneficiary can't register since the customer details can't be validated (ie if he is getting a prompt that " Consumer already a Soura Consumer") Such beneficiary details has to be filed through the link available in Buymysun Portal. Such case ANERT will take up the matter with the Soura team of KSEBL and that beneficiary registration will be enabled.

9. For Group Housing Societies/Residential Welfare Associations, etc , the registration can be done for capacities up to 500kW in the buymysun portal.'

How to Register?

1. Visit www.buymysun.com portal
2. Click on Create an account.
3. Enter your Mobile No. and click on "SEND" . OTP received in Mobile has to be entered.
4. Login with E-mail/Mobile No and Password/OTP
5. Select Solar Energy-> Grid Tied-> to view Products ,their details and compare the Products
6. Select the Developer and the desired Product and Pay the Registration Fee of Rs 1000+GST(@18%)
7. Pay for KSEBL Feasibility amount with Demand No. received in Mobile/E-Mail Registered with KSEBL.
8. In the meantime the selected developer will undertake the site feasibility. If the site is not feasible for installation of solar, the registration fee collected by ANERT will be refunded
9. Once the Site feasibility by developer and KSEBL feasibility are obtained, Order can be confirmed by making Payment directly to the Developer.

Capacities and Configuration of available Plant.

The capacity and configuration of available capacity will be provided in www.buymysun.com from 2kW to 10KW .The capacity of the plant will be calculated based on inverter capacity or the SPV Module array capacity whichever is lower.

Payment Condition

1. Feasibility fee and Registration fee to KSEBL shall be under the scope of EPC Developer.
2. Beneficiary share - The amount including additional work(if any) mutually


agreed between beneficiary and the developer less the central financial assistance shall be paid

- a. Beneficiary shall transfer the total Project cost less subsidy to ANERT account specially operated to safeguard the interest of Beneficiary and the Developer. The beneficiary share will be transferred to developer within 2 days on producing of material received receipt from the beneficiary

Or

- b. Beneficiaries shall pay 3% of the cost of the installation to ANERT as confirmation of work order to the Developer and balance on delivery of material at Beneficiary site. In such cases the developer is solely responsible for collection of beneficiary shares.
3. CFA shall be released to the Developer after the successful completion of installation and submission of relevant documents and verification of the system by the authority assigned for the same. The developer has to obtain an authorisation in this regard from the beneficiary and submit the same to ANERT.
4. ANERT will release the 3% of Performance security to EPC Developer after the warranty period or against submission of security of equivalent amount as Bank Guarantee to ANERT.

Yours faithfully,


Narendra Nath Veluri I F S
Chief Executive Officer