

PICO HYDROPOWER PROMOTION PROJECT



**Energy Management Centre (EMC)
With Central Financial Assistance
from MNRE
Stage –III (2015-16)**



Central Financial Assistance Features

- **CFA of Rs. 1,50,000 per project**
- **For Pico hydel plants of up to 5kW capacity**
- **Available for first 30 Pico hydel schemes in 2015-2016**
- **Financial Assistance will be provided on a first-come-first served basis**
- **Avail the opportunity before 30.11.2016.**
- **Financial assistance can be availed from the office of Energy Management Centre (EMC).**

Central Financial Assistance (CFA) for installing 50 Pico Hydro Electric Power Plants (up to 5kW) in Kerala

Brief Note

The Ministry of New & Renewable energy (MNRE) Government of India has announced Central Financial Assistance (CFA) for Pico hydro electric power plants of up to 5 kW capacity, installed in Kerala State. Kerala in general and Idukki, Wayanad Districts in particular have been identified as highly potential areas for installing pico hydro electric power plants. Considering the potential, the Ministry of New & Renewable Energy (MNRE) has sanctioned Central Financial Assistance at the rate of One Lakh and Fifty thousand Rupees (Rs. 1,50,000/-) per project and fifty (50) Pico hydro electric plants in Kerala during the year 2015-16. **The financial assistance can be availed from the office of the Energy Management Centre (EMC)**

Data to be submitted with request for subsidy

- Address proof of the beneficiary (Ration Card/Election Identity Card/ Aadhar Card/ Passport)
- Recent passport size photography of the beneficiary.
- Proof of having installed and commissioned the Pico hydro electric power plant.
- Name and address of the manufacturer who has installed the pico hydroelectric power plant.
- The payment vouchers to the manufacturer/others.

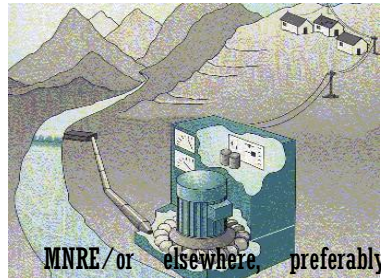
How & who can avail the grant in aid for installation of Pico hydro power plants

The CFA for pico hydro electric projects under this scheme is applicable to the projects in Kerala State to be implemented by **Individuals, State Government Departments / Local Bodies/ Co-operatives/ NGOs/ Nodal Agency.**

Preference will be given to the proposals for pico hydro electric power schemes owned by women, women entrepreneurs or received from women NGOs.

For availing this grant in aid, the proposed beneficiary should register with Energy Management Centre (EMC) as per the application format provided in EMC website (www.keralaenergy.gov.in).

EMC will be intimating the short listed beneficiaries after scrutinising the same. After getting registration and intimation from EMC, the beneficiary may contact any reputed micro hydro turbine manufacturer from the list of



from India and get the project implemented directly with the help of any manufacturer as preferred & selected by the beneficiary.

The Pico hydroelectric project should attain at least 50% overall efficiency for availing the CFA. A minimum contribution of 10% of the project cost should be met by the beneficiaries/ project owners.

The cost of development/ up gradation/ installation of Pico hydro electric power projects over and above the eligible CFA including cost of escalation if any should be borne/met by the beneficiaries.

Eligibility Criteria for the CFA

- · The power generated by the pico hydroelectric plant should be less than or equal to 5kW for availing CFA under this scheme.
- · These schemes are for isolated and non grid connected Pico hydroelectric power projects only.
- · The Pico hydroelectric unit should have an electronic load controller for regulating frequency and voltage with dummy load of rated capacity. The equipment shall be capable of operating normal house hold loads.
- · The beneficiary will be solely responsible for all the statutory permissions/clearances in connection with implementation/ running of this Pico hydroelectric power project.
- · The authentic certificate pertaining to the ownership /possession/lease of the land where the Pico hydroelectric project is to be set up is to be submitted for availing the subsidy.
- · The Pico hydro electric projects installed in this CFA route should not be relocated or sold or transferred to another party.
- · Officials of EMC/other authorised bodies of the Government have the right to inspect the project at any stage during construction/ running.
- · The beneficiary should maintain the plant in good condition and run the Pico hydroelectric plant when there is sufficient water to run the plant.
- · If the beneficiary fails to adhere to the above conditions, the beneficiary should return the subsidy thus received or to face the legal proceedings to be taken by the Government.
- · If the beneficiary gives an undertaking, the subsidy can be directly given to the manufacturer after the successful completion of the scheme.
- · The subsidy of maximum of Rs. 1,50,000 (Rupees One lakh and fifty thousand only) will be released only after the successful completion and achieving a minimum of 50% overall plant efficiency subject to site inspection by officials of Energy Management Centre.
- · The watermills/Pico projects must be completed within 6 months from release of approval letter from EMC or on or before 30.11.2016, whichever is earlier, failing which, the subsidy will not be released.
- · The completion report of the watermill/ Pico should contain details of their location, complete address of the Pico owner, a photograph of Pico owner along with the installed Pico device along with the address of manufacturer/ supplier of the machine/ device. The details of electrical power utilized should also be indicated.

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APPLICATION FORM OF CAPITAL SUBSIDY FOR SETTING UP PICO HYDRO ELECTRIC POWER SCHEMES IN KERALA STATE

(The duly filled in application with all four enclosures specified is to be submitted to the Director, Energy Management Centre, Sreekrishna Nagar, Sreekariyam, Trivandrum 695017 by registered/speed post/ by hand)

1	Name of the applicant	
2	Father's Name	
3	Postal Address with pin code	
4	Contact Number with STD code	
5	Mobile Number	
6	E-mail Address	
7	Location of the pico hydro electric project proposed	
	Nearest Landmark	
	Name of River basin	
	Name of falls, if any	
	Name of river/stream/check dam/canal/any other	
	Latitude & longitude of the proposed site, if available	
	Village	
	Taluk	
	Panchayath/Municipality/ Corporation	
	District	
	Pin code	

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8	TECHNICAL DETAILS	
	Head in metres	
	Discharge in Litre/sec	
	~ Annual generation in units (kWh)	
	Capacity in kW	
	Penstock length in metres	
	Water availability during the year (no of months)	
9	Estimated cost in Rupees.	
	Water conductor system like penstock, valves etc.	
	Civil Works	
	Pico hydro turbine generator & auxiliaries	
	Electro-mechanical Works	
	Miscellaneous	
	Total cost	
10	Duration required to complete the project in months	
11	Application Registration fee by way of Demand Draft for Rs.1000/- (Thousand Rupees only) should be drawn in favour of Director, Energy Management Centre, payable at Trivandrum.	

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	Demand Draft for Rs. 1,000/-	Yes / No * (*Application without enclosing demand draft for Rs.1000/- will not be considered.)
	Number	
	Date	(MM/DD/YYYY)
	Name of Bank	
	Branch Name	
	Branch Code	

The duly filled in application along with (i) Address Proof of the prospective beneficiary - Attested copy of (Passport/ Adhar/ Election Identity Card), (ii) Demand draft for Rs.1000/- in favour of Director Energy Management Centre, payable at Thiruvananthapuram, (iii) recent passport size photograph of the beneficiary, (iv) Authentic certificate pertaining to the ownership / possession/lease of the land where the Pico hydroelectric project is to be set up.

I declare that all the above details furnished by me are true and correct to the best of my knowledge and belief.

Signature :

Name :

Date :

Enclosures:

1. Duly filled in application form
2. Demand Draft for Rs.1000/- in favour of Director Energy Management Centre, payable at Trivandrum.
3. Recent passport size photograph of the beneficiary
4. Authentic certificate pertaining to the ownership /possession/lease of

64 schemes have been commissioned during 2013-2015 (Stage – I & II). Refer EMC website (www.keralaenergy.gov.in) for the details of beneficiaries



Energy Management Centre-Kerala
Department of Power, Govt of Kerala
Sreekrishna Nagar,
Sreekariyam PO, Thiruvananthapuram—695017
Phone: 0471-259-4922, 4924
Fax: 0471-259-4923 E-mail: shp@keralaenergy.gov.in Web:
<http://www.keralaenergy.gov.in>