

**GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA**

UNSTARRED QUESTION NO:5303

ANSWERED ON:29.04.2005

SETTING UP OF NCES PROJECTS

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Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

- (a) the percentage subsidy available at present for development of non-conventional energy sources;
- (b) the share of each State in this subsidy; and
- (c) whether the Government propose to increase the subsidy limit in respect of Maharashtra?

Answer

MINISTER OF STATE OF THE MINISTRY OF NON- CONVENTIONAL ENERGY SOURCES(INDEPENDENT CHARGE) (SHRI
VILAS MUTTEMWAR)

(a),(b)&(c): The Ministry provides Central Financial Assistance (CFA) for development and deployment of various non-conventional energy systems / devices in the country based on proposals received, among other, from state governments. The details of Central Financial Assistance (CFA) provided under various non-conventional energy programmes are given in Annexure. CFA is not allocated state-wise for a majority of the programmes / schemes of this Ministry.

Annexure

Annexure referred to in reply to parts (a) ,(b)& (c) of Lok Sabha unstarred question No.5303 for 29.04.2005 regarding Setting up of NCES Projects

The details of Central Financial Assistance (CFA) provided under various non-convention energy programmes

Sl.No. Programmes/Sector Subsidy

1. Wind Power Only for Demonstration Projects: upto 60% of the equipment cost subject to certain benchmark costs.

2. Aero-Generators and Hybrid Systems Rs. 2.00 lakhs per kW or 50-75% of ex-works cost, whichever is less

Rs. 2.40 lakhs per kW or 90% of ex-works cost, whichever is less- in unelectrified islands.

3. Family Type Biogas Plants Rs.2100- Rs.11,700 per plant depending upon the capacity of the plant, category of the beneficiaries/areas.

4. Biomass Gasifiers For Thermal Applications (upto 3MWe)
Rs.1.25 lakh / 300 kWth

For electrical / mechanical applications (upto 1MWe):
Rs.15.00 lakh /100 kWe

20% higher CFA of the above for Special Category States

and Islands

5. Bagasse Co-generation Projects Interest subsidy

- i. Projects by cooperative/public/ Joint sector Sugar Mills. 3-6% depending upon configuration.
- ii. Projects in IPP Mode in Cooperative/ Public/Joint Sector Sugar Mills 2-4% depending upon configuration.
- iii. Projects by Private Sector Sugar Mills 1-3% depending upon configuration.

Biomass Power Projects Interest subsidy

Projects with MW-scale 100% Producer Gas Engines / Advanced Biomass Gasification projects. 2-3% depending upon technology /configuration.

6. Industrial Waste-to-Energy Interest subsidy to reduce the interest rate Interest subsidy upto 4% in special category states and upto 6 % in other states, to be paid through Financial Institutions. Subject to certain limits based on type of projects.

7. Small Hydro Power Govt sector: Private sector:

Capital Subsidy

# N E Region and Sikkim	Up to Rs.6.00 crores/ MW	Upto Rs.3.00 crores/ MW
# Middle Himalayas, Ladakh, A&N	Up to Rs.4.00 crores/ MW	Up to Rs.2.00 crores/ MW
# Other Hilly areas	Up to Rs.2.00 crores/ MW	Up to Rs.1.00 crores/ MW

Water mills- mechanical Upto Rs.30,000/ watermill (mechanical)
Water mills- electrical+mechanical Upto Rs.1.00lakh/ watermill
(electrical or electrical cum mechanical)

8. Solar Photovoltaic Systems/devices From Rs.2400/-Rs.9100/- for SPV lighting systems depending upon system.

Rs.4300/-Rs.16390/- for Special Category States.

9. PV water pumping systems Rs. 100/Wp of PV array used subject to a maximum of Rs. 1,80,000 per system for community purposes.

90% of approved ex-works cost of the system for Special Category States.

10. Power Plants & Other systems Rs. 1,19,000/kWp of PV array Capacity or 50 % of ex-works cost, whichever is less.

Rs.2,14,200/ kWp of PV array capacity or 90 % of ex-works cost, which ever is less for Special Category States.

11. Solar Water Heating Systems (SWHS) / For Solar Water Heating systems: Through Banks/FIs other Solar Thermal systems (including housing financing org.):

Interest subsidy to reduce the interest to 5% to end-user.

For solar water heating/air heating systems/desalination system, steam cooking systems, etc.: through IREDA:

Interest subsidy of 5% for non-profit organizations and of 7% for profit-making organizations.

For dish/community type solar cookers:

50% of cost limited to Rs.2500/- for dish type cookers;
Rs.25,000/- for Scheffler /community type cooker.

For steam cooking systems:
50% of actual system cost.