

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 2027
TO BE ANSWERED ON 27.07.2017

SETTING UP OF MINI/MICRO HYDRO PROJECTS

2027. DR. RAMESH POKHRIYAL “NISHANK”:

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a): whether a policy has been formulated or proposed to be formulated to set up mini and micro hydro projects in Himalayan States in the country including Uttarakhand, Himachal Pradesh, Jammu and Kashmir and North-East;
- (b): if so, the details thereof;
- (c): whether the Union Government has set a target for skill development and promotion of entrepreneurship in non-conventional energy sector;
- (d): if so, the details thereof;
- (e): whether there is any proposal to ensure participation of the local people in such schemes; and
- (f): if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR POWER, COAL, NEW & RENEWABLE ENERGY AND MINES (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a) & (b): Yes Madam. The Ministry of New and Renewable Energy has a policy for development of Small Hydro Power Station Capacity Projects upto 25MW which is applicable to all states and UTs including Uttarakhand, Himachal Pradesh, Jammu & Kashmir and North East. The details of Central Financial Assistance provided under the scheme is annexed.

(c) & (d): The Ministry of New and Renewable Energy (MNRE), as part of its Human Resource Development Programme, is implementing Suryamitra Skill Development Programme to train 50000 persons by 31st March 2020 on installation, commissioning, operation, maintenance and repair of Solar Energy Systems / Devices /Projects. Under this programme through a network of 183 training Centres spread all across the country, 11013 persons have been trained by 31st March 2017.

In addition, MNRE also supports training programmes at various institutes across the country for all levels in construction, installation, maintenance, operation, system design of projects and policy etc. in all areas of renewable energy. A project for encouraging start-ups aim at entrepreneur development in renewable energy is supported by MNRE at Centre for Innovation, Incubation & entrepreneurship (CIIE), Indian Institute of Management (IIM), Ahmadabad.

(e) & (f): As per the Small Hydro Power Scheme, any individual entrepreneur can set up watermills for mechanical and electrical applications and Micro Hydel Projects upto 100 kW capacity, which provide sustainable economic activity and employment opportunity through decentralized power and energy generation.

Annexure-I

Annexure referred to in reply to part (b) of the Lok Sabha Unstarred Question Admitted No. 2027 to be answered on 27.07.2017 regarding 'Setting up of Mini/Micro Hydro Projects' by DR. RAMESH POKHRIYAL "NISHANK".

Central Financial Assistance to State Governments and private developers to set up Small / Micro Hydel Power Projects

I. Support for Survey, Investigation and Preparation of DPRs for identification of new potential sites

- Rs. 6.00 lakhs for project upto 1.00 MW capacity and
- Rs. 10.00 lakhs for project with more than 1.00 MW & upto 25 MW capacity to the Govt. dept./agencies

II Support to new SHP projects in the Private, Co-operative, Joint sector:

Category	Above 0.1 MW – 25 MW
N E Region, J & K, H.P. & Uttarakhand (Special Category States)	Rs. 1.5 Crore/MW limited to Rs.5.00 Crore per project
Other States	Rs. 1.00 Crore/MW limited to Rs.5.00 Crore per project

III Support to new SHP project in the Government/State Sector:

Areas	101 kW & upto 1000 kW	Above 1 MW & upto 25 MW
N.E. States, J & K, H.P. & Uttarakhand (Special Category States)	Rs. 75,000 per KW	Rs. 7.5crores / MW Limited to Rs.20 crore per project
Other States	Rs. 35,000 per KW	Rs. 3.5 crores / MW limited to rs.20 Crore per project.

IV Scheme to support Renovation & Modernization of old SHP projects in Government / State sector:

Category	Up to 1000 kW	Above 1 MW & upto 25 MW
All States & UTs	Rs.10,000 per KW	Rs. 1.00 crore / MW limited to Rs. 10.00 crores per project

V Central Financial Assistance for Watermills and Micro Hydel Projects

I. Watermills:

S No.	Category of Watermill	Amount of CFA
1.	Mechanical output only	Rs.50,000/- per Watermill
2.	a) Electrical output (up to 5 kW) or b) Both mechanical and electrical output (up to 5 kW)	Rs.1,50,000/- per Watermill

II. Micro Hydel Projects up to 100 kW Capacity:

Areas	Amount of CFA
All States	Rs.1,25,000/- per kW