

1. Department: Electricity

2. a) Sector: Energy

b) Sub-Sector: Non-Conventional Energy Sources.

3. Scheme No: NRSE- 5

4. Name of the Scheme: Development of Biogas under NPBD Programme in Andaman & Nicobar Islands.

5. OBJECTIVE OF THE 9TH FIVE YEAR PLAN :-

This programme was a part of the National Project on Biogas Development was introduced in these islands during the 7th plan with the following major objectives :-

- I). To provide fuel for cooking purpose and to have organic manure for agricultural uses through family type Biogas Plants.
- II). To mitigate drudgery of rural women and children, improve their health and to conserve forests.
- III). To improve environment in villages and to provide other social benefits.

So far 147 family type Biogas Plants have been set up in rural house holds in these islands as against a potential of around 2200 Nos. as per the report of Secretary, MNES, during 1988. The rural house holds are still not coming forward for owning of family size Biogas Plants due to its very high cost of construction / procurement and the cost of transportation to various islands. Propagation of this programme to more number of rural house -holds will also results in their economic up-lifment as it would become a part of milk dairy programme. It is proposed to implement this scheme which is a part of 20 Point Programme of the Govt. of India, in association with the Panchayati Raj Institutions who will be involved in identification of beneficiaries, training of rural people specially women and unemployed youths in its operation and maintenance. Considering the immense benefits of NPBD programme, it is proposed to meet the full transportation cost upto the beneficiaries premises. It is also proposed to provide UT subsidy of Rs.3200/- per 2 Cu.M. plant to a beneficiary in addition to the equal amount of MNES share as being provided in other States and UTs .

It is proposed to provide 25 Nos. 2 Cu.M. capacity family size Biogas Plants to rural beneficiaries and also to install a large community type Biogas Plant in any Dairy Farm as a demonstration unit before it is propagated to other rural communities.

6. Approved Outlay For the 9th Five Plan: Rs. 6.25 Lakhs.

7. Principal Targets for the 9th Five Year Plan:

- I). Survey, investigation and identification of suitable beneficiaries for installation of 25 Nos. Biogas Plants.
- II). Manufacture / purchase of 25 Nos. of ferro-cement biogas plants and its installation to beneficiaries premises as per MNES subsidy and UT subsidy with minimum contribution of Rs. 6645/- by beneficiary for each 2 Cu.M. plant.
- III). Establishment of a workshop with all facilities for manufacturing / fabrication for ferro-cement biogas plant.
- IV). Training of staff at mainland to know advanced technology.