

RENEWABLE ENERGY AGENCY OF PONDICHERRY (REAP)

It is proposed to popularise the uses of new and renewable energy sources like solar, wind, biomass, small hydro, hydrogen, ocean and geothermal energy sources. As the conventional fuel cost is increasing day by day, it is necessary to go for alternative source of energy which is commercially viable environmental friendly in a big way. The renewable energy devices like solar water heaters, solar cookers, solar street lights, solar home lighting systems, solar water pumps, biomass based gasifier for thermal and electrical applications are to be used to a larger extent.

PERFORMANCE DURING 2007-08

- Seminars were held on Solar Passive Architecture, Renewable Energy and Energy Conserving Devices Exhibition in Puducherry and Karaikal during March 2008
- District Advisory Committee meeting for renewable energy and celebrated Rajiv Gandhi Renewable Energy Day 2007 on 20.08.2007.
- 7000 Nos. of smokeless chulhas, 2750 Nos. of CFL were distributed and 6 Nos. of community chulhas were constructed at subsidised rate.
- 7000 LPD solar water heating systems, 68 Nos. of solar lanterns and 10 Nos. of battery operated vehicles were distributed at subsidised rate.
- 110 Nos. of solar street lights were installed at various places in Puducherry and Karaikal regions.

LIKELY ACHIEVEMENTS DURING 2008-09

During 2008-09, REAP has conducted three programmes on Renewable Energy and Energy Conservation Exhibitions in three Engineering Colleges and one Polytechnic College in Puducherry region. Rajiv Gandhi Renewable Energy Day on 20th Aug. '08 was celebrated by conducting Drawing, Essay Writing and Elocution Competitions at the school and college level in collaboration with the Bureau of Energy Efficiency, New Delhi.

5000 Nos. of smokeless chulhas, 5000 Nos. of CFL and 200 Nos. of LEDs will be distributed at subsidized rate. Subsidy for 10 Nos. of biogas plants and 15 Nos. of community chulhas will be granted. 10000 LPD solar water heating systems and 100 Nos. of

Solar lanterns will be distributed at subsidised rate. 10 Nos. of Renewable Energy Education Kits will be distributed to the Schools in Puducherry.

To promote the plantation of oilseed yielding plants / trees in poramboke lands for the extraction of bio-diesel, a demonstration programme of Promotion of Bio-Energy Plantation and Bio fuel extraction was taken up. This project was taken up by engaging PALMYRA, Auroville and necessary training was organised for the Self Help Groups on plantation and seed collection by PALMYRA. One lakh seedlings were raised and planted in more than 20 villages in Mannadipet Commune.

PROPOSED TARGET FOR 2009-10

Rajiv Gandhi Renewable Energy Day, 2009 will be conducted on 20th Aug. '09 in a grand manner. 6000 Nos. of smokeless chulhas, 20 Nos. of Improved Cook Stoves, 5000 Nos. of CFL and 1000 Nos. of LEDs will be distributed at subsidized rate. 50 Nos. of biogas plants, 20 Nos. of community chulhas, 10000 LPD solar water heating systems and 100 Nos. of Solar street lights, 10 Nos. of solar cookers, 10 Nos. of solar panels will be distributed at subsidised rate. Tree borne oil seeds will be collected at the rate of Rs.8/- to Rs.10/- per kg. through the Self Help Groups and oil extraction will be taken up. State Level Energy Education Park will be maintained by engaging suitable persons through outsourcing. Promotion of programmes relating to Renewable Energy and Energy Conservation technologies will be geared up. Grant of financial assistance for Research and Development projects in Renewable Energy and Energy Conservation for the students will be encouraged. Propaganda and publicity activities relating to Renewable Energy and Energy Efficiency will be taken up for the students, village panchayats and industrialists in order to save energy.

STRATEGIES PROPOSED AND POLICY FOCUSED FOR 2009-10

The consumption of energy is an indicator of the country's prosperity. We need to tap all available Renewable Energy resources for production of energy to meet the daily energy requirements. Steps are being taken to popularise the Renewable Energy and Energy Conserving Devices so that the electricity consumption and Carbon di oxide emission which are the major sources for global warming will get reduced. Awareness programmes on the usage of Renewable Energy and Energy Conserving Devices will be conducted regularly for the students and general public.

OUTLAY AT A GLANCE

Sector : RENEWABLE ENERGY PROGRAMME

No. of Scheme : 5

Department : RENEWABLE ENERGY AGENCY OF PONDICHERRY(REAP)

(Rs. in lakh)

Eleventh Five Year Plan 2007-12 Approved Outlay	:	701.16
Annual Plan 2007-08 Actual Expenditure	:	59.98
Annual Plan 2008-09 Approved Outlay	:	60.00
Annual Plan 2008-09 Revised Outlay	:	60.00
Annual Plan 2009-10 Proposed Outlay	:	70.00

(Rs. in lakh)

Sl. No.	Name of the Scheme	Eleventh Five Year Plan 2007-12	Annual Plan 2007-08	Annual Plan 2008-09		Annual Plan 2009-10
		Approved Outlay	Actual Expdr.	Approved Outlay	Revised Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	Strengthening of Renewable Energy Wing	180.00	9.98	25.00	25.00	40.00
2.	Subsidy for various energy conserving devices	110.00	6.00	5.00	5.00	--
3.	New Sources of Energy	231.16	--	1.00	1.00	7.00
4.	Promotion of Bio-Energy Plantation and Bio fuel extraction	100.00	--	1.00	--	--
5.	State level Energy Education Park	50.00	44.00	25.00	26.00	20.00
6.	Energy Conservation Fund	30.00	--	3.00	3.00	3.00
Total		701.16	59.98	60.00	60.00	70.00