

RENEWABLE ENERGY PROGRAMME

The objective is to popularise the uses of new and renewable energy sources like solar, wind, biomass, small hydrogen, ocean and geothermal energy sources. As the conventional fuel cost is increasing day by day, it has become necessary to go in for alternative sources of energy which is commercially viable environmental friendly in a big way. The renewable energy devices like solar water heaters, solar cookers, solar street light, solar home lighting systems, solar water biomass based gasfitters for thermal and electrical applications are proposed to be popularised.

ACHIEVEMENTS DURING 2008-09 :

- Exhibition on Renewable Energy and Energy Conserving Devices in Puducherry and Karaikal regions were conducted during March 2009
- Rajiv Gandhi Renewable Energy Day 2008 was celebrated on 20.08.2008.
- 6000 Nos. of smokeless chulhas, 5692 Nos. of CFL and 720 Nos. of LED bulbs were distributed
- 2 Nos. of community chulhas and 1 No. of Biogas Plant were constructed at subsidised rate.
- 7000 LPD solar water heating systems, 120 Nos. of solar lanterns were distributed at subsidised rate.
- Construction of State Level Energy Education Park is under progress.
- Energy Conservation Day was celebrated on 14th December 2008
- District and State Level Elocution Competition on Energy Conservation was organised on 13th November 2008 for the school children in the U.T. of Puducherry in collaboration with Bureau of Energy Efficiency, New Delhi and Directorate of Education Department, Puducherry.

LIKELY ACHIEVEMENTS DURING 2009-10 :

- Rajiv Gandhi Renewable Energy Day was celebrated on 20th Aug. 2009.
- It is proposed to celebrate Energy Conservation Day on 14th December 2009.
- To create awareness of Renewable Energy, District and State Level Elocution Competition on Energy Conservation for the school children will be conducted on 13th November 2009 in the U.T. of Puducherry in

collaboration with Bureau of Energy Efficiency, New Delhi and Directorate of Education Department, Puducherry.

- 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.
- 100 kgs. of tree borne oil seeds (Jatropha and Pungania 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 inaugurated during March 2010.
- Exhibition on Renewable Energy and Energy Conserving Devices will be conducted in Puducherry and Karaikal regions during the month of March 2010.

PROPOSED TARGETS FOR 2010-11 :

- Energy audit for the institutions, like, hospitals, industries, educational institutions, Government Departments, etc. will be conducted.
- Rajiv Gandhi Renewable Energy Day 2010 will be celebrated in the U.T. of Puducherry.
- District Advisory Committee meeting on Renewable Energy Programme will be conducted regularly. Exhibition on Renewable Energy and Energy Conserving Devices will be conducted in Puducherry and Karaikal regions.
- 6,000 Nos. of smokeless chulhas, 5,000 Nos. of CFL and 1,000 Nos. of LEDs will be distributed at subsidized rate.
- 25 Nos. of biogas plants and 10 Nos. of community chulhas will be constructed at subsidized rate.
- 20 Nos. of improved cook stoves will be distributed to the public at subsidized rate.
- 10000 LPD solar water heating systems, 150 Nos. of Solar lanterns, 10 Nos. of solar cookers, 100 Nos. of solar street lights, 10 Nos. of solar panels, 50 Nos. of solar home lights, 100 Nos. of Solar Inverters and 10 Nos. of Battery Operated Vehicles will be distributed at subsidized rate.

- 1500 kgs. of tree borne oil seeds (Jatropha and Pungania 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 put into operation and it 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.

STRATEGIES PROPOSED AND POLICY FOCUSSED FOR 2010-11 :

- The line departments to implement the recommendations made in the Renewable Energy Vision Document so as to achieve a rapid transition towards the implementation of Renewable Energy and Energy Conservation Programmes will be insisted.
- In order to popularize Energy Conservation, a scheme will be implemented by installing SPV power plant of miniature capacity with back up systems in some Government buildings like libraries, Community Halls, Primary Health Centres, etc.

OUTLAY AT A GLANCE

Sector : RENEWABLE ENERGY PROGRAMME

No. of Scheme : 7

Department : RENEWABLE ENERGY AGENCY OF PONDICHERY(REAP)

(Rs. in lakh)

Eleventh Five Year Plan 2007-12 Outlay	:	701.16
Annual Plan 2007-08 Actual Expenditure	:	59.98
Annual Plan 2008-09 Actual Expenditure	:	80.00
Annual Plan 2009-10 Approved Outlay	:	60.00
Annual Plan 2009-10 Revised Outlay	:	60.00
Annual Plan 2010-11 Proposed Outlay	:	191.00

(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		Annual Plan 2010-11
		Outlay	Actual Expdr.	Actual Expdr.	Approved Outlay	Revised Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Strengthening of Renewable Energy Wing	180.00	9.98	35.00	42.00	42.00	55.00
2.	Subsidy for various energy conserving devices	110.00	6.00	2.00	--	--	--
3.	New Sources of Energy	231.16	--	20.00	--	--	--
4.	Promotion of Bio-Energy Plantation and Bio fuel extraction	100.00	--	--	--	--	--
5.	State level Energy Education Park	50.00	44.00	21.00	10.00	10.00	30.00
6.	Energy Conservation Fund	30.00	--	2.00	1.00	1.00	10.00
7.	Renewable Energy and Energy Conserving Devices	--	--	--	7.00	7.00	96.00
TOTAL		701.16	59.98	80.00	60.00	60.00	191.00