

RENEWABLE ENERGY PROGRAMME

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. This agency will insist 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.

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.

ACHIEVEMENTS DURING 2009-10

- Celebration of Rajiv Gandhi Renewable Energy Day on 20th August 2009.
- Celebration of Energy Conservation Day on 15th December 2009.
- Conduct of District and State Level Elocution Competition on Energy Conservation for the school children on 13th November 2009 in the U.T. of Puducherry and prizes were distributed by the Hon'ble Chief Minister on 14th November 2009.
- Distribution of 2486 Nos. of smokeless chulhas at 50% subsidized rate.
- Distribution of 1150 Nos. of Compact Fluorescent Lamps at 50% subsidized rate.
- Release of subsidy for construction of 1 No. of Family Size Biogas Plants @₹2000/- per cu.mtr.
- Release of 30% subsidy for construction of 1 No. of Community Chulhas.
- Release of subsidy at ₹3000/- per 100 LPD for installation of 2500 LPD of Solar Water Heating Systems.
- 15 Nos. of Solar Lanterns distributed at a subsidy of ₹1550/- per lantern.
- Promotion of programmes relating to Renewable Energy and Energy Conservation technologies implemented.
- Propaganda and publicity activities relating to Renewable Energy and Energy Efficiency taken up for the students, village panchayats and industrialists in order to save energy.

- Tableau depicting the awareness programmes on the usage of Renewable Energy and Energy Conservation Devices floated on the Republic Day of 2010.
- 571 Nos. LED lamp distributed at subsidized rate of ₹15/- and the total cost is ₹8565/-.
- Seed crushing plant put into operation.

LIKELY ACHIEVEMENTS DURING 2010-11

- Rajiv Gandhi Renewable Energy Day celebrated on 20th August 2010.
- Renewable Energy Clubs in Engineering Colleges conducted programme on Renewable Energy Day.
- Renewable Energy and Energy Conserving Devices Exhibition conducted during July 2010.
- 2000 Nos. of CFL sold at subsidized rates during Renewable Energy Conserving Devices Exhibition held on July 2010.
- Workshop on Bachet Lamp Yojana held during June 2010.
- Newsletters released for Renewable Energy by REAP.
- Workshop on Solar PV technology held during July 2010
- District and State Level Essay Competition on Energy Conservation held on 13th and 14th November 2010.
- Celebration of Energy Conservation Day during December 2010.
- Promotion of programmes relating to Renewable Energy and Energy Conservation technologies will be geared up.
- 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.
- State Level Energy Education Park will be inaugurated in March 2011.
- Tableau depicting the awareness programmes on the usage of Renewable Energy and Energy Conservation Devices will be floated in Republic Day 2011.
- Implementation of LED Village Campaign during January 2011.
- Exhibition on Renewable Energy and Energy Conserving Devices will be conducted during March 2011.
- Subsidy for 10 Nos. of Soleckshow at the rate of ₹32,000/- per vehicle
- Subsidy for 1000 nos. of 18 W CFL at the rate of ₹62/- per CFL.
- Subsidy for 50 Nos. FRP type Biogas plant at the rate of ₹4000/- per plant.

- SECF will be constituted.
- Renewable Energy Vision 2020 and RE & EC policy of U.T of Puducherry will be notified.
- Setting up of Wind measurement stations in two places under CWET/MNRE scheme.

PROPOSED TARGETS FOR 2011-12:

- It is proposed to conduct Seminar / workshop to the Chairman of each Village Panchayats and Self Help Groups on the usage of renewable energy sources and energy saving / energy conserving applications.
- Energy Auditing will be undertaken in institutions like, hospitals, educational institutions, Government Departments, etc.
- Energy Conservation Day will be celebrated in December 2011.
- Rajiv Gandhi Renewable Energy Day 2011 will be celebrated in August 2011.
- Tableau depicting the awareness programmes on the usage of Renewable Energy and Energy Conservation Devices will be floated in Republic Day 2011.
- Exhibition on Renewable Energy and Energy Conserving Devices will be conducted during March 2012.
- Biogas plants will be installed at central kitchens of Education Department.
- SPV power plant of miniature capacity with back up systems in Government buildings like, libraries, community halls, primary health centers, etc. will be installed.
- Propaganda and publicity activities relating to Renewable Energy and Energy Efficiency will be taken up for the students, village panchayats and industrialists.
- State Level Energy Education Park will be put into operation and it will be maintained by engaging suitable persons through outsourcing.
- The Union Territory Government shall constitute a fund to be called the State Energy Conservation Fund for the purposes of promotion of efficient uses of energy and its conservation within the UT.
- Setting up of 3MW Solar power plant at Pondicherry Engg. College campus.
- Setting up of Wind Solar Hybrid Systems worth Rs.96.00 lakhs with beneficiary share of Rs.31.31 lakhs (approximately) at Chunnambar Island (7 KW), Le Café, Puducherry (7KW), Karaikal Beach Resort, Karaikal (16KW), Women's Polytechnic College, Lawspet (8 KW) and Central Prison Complex, Kalapet (8 KW).
- Renewable Energy and Energy Conserving Devices will be distributed to the public at subsidized rate.

OUTLAY AT A GLANCE

Sector : RENEWABLE ENERGY PROGRAMME

No. of Scheme : 7

Department : RENEWABLE ENERGY AGENCY OF PONDICHERRY(REAP)

(₹ in lakh)

Eleventh Five Year Plan 2007-12 Approved Outlay	:	701.16
Annual Plan 2007-09 Actual Expenditure	:	139.98
Annual Plan 2009-10 Actual Expenditure	:	60.00
Annual Plan 2010-11 Approved Outlay	:	100.00
Annual Plan 2010-11 Revised Outlay	:	106.00
Annual Plan 2011-12 Proposed Outlay	:	100.00

(₹ in lakh)

Sl. No.	Name of the Scheme	Eleventh Five Year Plan 2007-12	Annual Plan 2007-09	Annual Plan 2009-10	Annual Plan 2010-11		Annual Plan 2011-12
		Approved 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 (Maintenance of Rural Energy Cell)	180.00	44.98	42.00	55.00	55.00	55.00
2.	Subsidy for various energy conserving devices	110.00	8.00	7.00	--	--	--
3.	New Sources of Energy	231.16	20.00	--	--	--	--
4.	Promotion of Bio-Energy Plantation and Bio fuel extraction	100.00	--	--	--	--	--

(₹ in lakh)

Sl. No.	Name of the Scheme	Eleventh Five Year Plan 2007-12	Annual Plan 2007-09	Annual Plan 2009-10	Annual Plan 2010-11		Annual Plan 2011-12
		Approved Outlay	Actual Expdr.	Actual Expdr.	Approved Outlay	Revised Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
5.	State level Energy Education Park	50.00	65.00	10.00	35.00	35.00	35.00
6.	Energy Conservation Fund	30.00	2.00	1.00	5.00	5.00	5.00
7.	Renewable Energy and Energy Conserving Devices	--	--	--	5.00	11.00	5.00
TOTAL		701.16	139.98	60.00	100.00	106.00	100.00

Scheme No.2, 3 & 4 have been merged in the Scheme No.7