

RENEWABLE ENERGY PROGRAMME

Renewable Energy Agency, Puducherry is the State Nodal Agency of Ministry of New and Renewable Energy, New Delhi. It is the State Designated Agency of Bureau of Energy Efficiency, Ministry of Power, Government of India, New Delhi. Besides it is the implementing agency of various renewable and new sources of energy of the Union Territory of Puducherry Government. In order to promote the concept of Renewable Energy Sources and to implement the schemes on renewable energy in the Union Territory of Puducherry, Renewable Energy Agency, Puducherry was established under Registration of Societies Act in December 2005.

The objectives are:

- Promoting awareness, understanding and development of New and Renewable Energy Sources
- Promoting Energy Conservation activities in respect of conventional energy sources like oil and power
- Encouraging the research and development in technology and scientific knowledge relating to the above subjects
- Undertaking projects for conservation of non conventional energy sources with special emphasis on environment protection
- Formulating and propagating environment friendly fuel for transportation in the Union Territory of Puducherry

Vision

The vision of future of Puducherry shall be one of promoting Clean and Green Sources of Energy, enhancing energy efficiency to derive maximum advantage to ensure environmentally sustainable growth in all sectors.

To strengthen a relationship with various national & international institutions / organizations in the Renewable Energy field for active cooperation in development of Energy Efficiency & Energy Conservation.

The policy shall strive to provide Energy Security and affordable access to reliable and quality source of renewable energy based on efficient and user oriented delivery of services through a optimum mix of environmentally sustainable technologies.

OUTLAY AT A GLANCE

Sector : RENEWABLE ENERGY PROGRAMME

No. of Schemes : 3

Department : RENEWABLE ENERGY AGENCY,
PUDUCHERRY (REAP)

(₹ in lakh)

Eleventh Plan 2007-12 Actual Expenditure	:	485.82
Annual Plan 2011-12 Actual Expenditure	:	179.84
Annual Plan 2012-13 Approved Outlay	:	71.02
Annual Plan 2012-13 Revised Outlay	:	150.00
Annual Plan 2013-14 Proposed Outlay	:	370.00

(₹ in lakh)

Sl. No.	Name of the Scheme	Eleventh Plan 2007-12	Annual Plan 2011-12	Annual Plan 2012-13		Annual Plan 2013-14	
		Actual Expdr.	Actual Expdr.	Approved Outlay	Revised Outlay	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Energy Conservation Fund	108.00	100.00	10.00	100.00	10.00	--
2	Strengthening of Renewable Energy Wing	201.98	60.00	31.02	40.00	60.00	--
3	Promotion of New and Renewable Energy Sources inclusive of Solar City (Matching Grant)	175.84	19.84	30.00	10.00	300.00	--
Total		485.82	179.84	71.02	150.00	370.00	--

Scheme No.1

Sector : RENEWABLE ENERGY PROGRAMME
Implementing Department : RENEWABLE ENERGY AGENCY, PUDUCHERRY (REAP)

1. **Name of the Scheme** : Energy Conservation Fund
2. **Objective of the Scheme** : For the purpose of promotion of efficient use of energy and its conservation
3. **Actual Physical Achievements during Eleventh Five Year Plan (2007-12) :**
 - i) Phase-I of Energy Audit conducted in Government buildings.
 - ii) LED villages campaign implemented in Mahe region.
 - iii) Energy audit workshop conducted.
 - iv) Various seminar on Energy Efficiency and Energy Conservation was conducted.
 - v) Energy Conservation Activities done.
4. **Physical Achievements for the Annual Plan 2012-13:**
 - i) Phase-II of Energy Audit was conducted in Government buildings.
 - ii) Action taken for implementation of Energy Vision Policy 2025 in the UT
 - iii) ECBC Code was implemented.
 - iv) Notification was given for mandatory use of solar water heater in large/ star rated appliances in govt. buildings
5. **Proposed Physical Targets for Annual Plan 2013-14:**
 - i) Implementation of BLY scheme in UT of Puducherry
 - ii) To issue notification for Renewable Energy Vision and Renewable Energy Policy
 - iii) Energy Efficient Lighting System in Rajnivas
 - iv) Net Metering Pilot Project
 - v) Declaration of Puducherry as Solar City
6. **Remarks** : Continuing Scheme

Scheme No.2

Sector : RENEWABLE ENERGY
PROGRAMME

Implementing
Department :

RENEWABLE
ENERGY AGENCY,
PUDUCHERRY
(REAP)

1. Name of the Scheme : Strengthening of Renewable Energy Wing

2. Objective of the Scheme :

- i) To strengthen the Administrative Wings
- ii) To promote and create awareness on the concept of renewable energy sources
- iii) To organize various renewable energy programmes

3. Actual Physical Achievements during Eleventh Five Year Plan (2007-12) :

- i) Celebrated Akshya Urja Diwas 20th August of every year
- ii) Pledging of Renewable Energy Day
- iii) Conduct of various competition among school children to create awareness
- iv) Conducted seminar on Solar Passive Architecture
- v) Conducted Exhibition on Energy Conserving Devices at Puducherry and Karaikal
- vi) Conducted workshop and seminars on Renewable Energy activities
- vii) Established RE clubs in the Engineering College

4. Physical Achievements for the Annual Plan 2012-13:

- i) Akshya Urja Diwas was celebrated.
- ii) Information & awareness Programme was conducted
- iii) Competition at school levels was completed.
- iv) Rally among the school children was conducted to create RE awareness.
- v) Workshop and Exhibition at Puducherry and Karaikal on renewable energy were organised.
- vi) Renewable Energy Club was established in the Engineering College

5. Proposed Physical Targets for Annual Plan 2013-14:

- i) Rooftop - SPV Plant on the office building as a part of strengthening the office administration will be set up.
- ii) Various competition among school children, Information & Awareness Programme will be conducted.

- iii) Akshya Urja Diwas will be celebrated.
- iv) Rally among school children will be organised.
- v) Renewable Energy Clubs will be maintained in the Engineering College.

6. Remarks : Continuing Scheme

Scheme No.3

Sector : RENEWABLE ENERGY PROGRAMME Implementing Department : RENEWABLE ENERGY AGENCY PUDUCHERRY

1. Name of the Scheme : Promotion of new and renewable energy sources inclusive of Solar City

2. Objective of the Scheme :

- To distribute various energy conserving devices at subsidized rate for fulfilling energy needs.
- To propagate the use of new and renewable energy devices; and in order to save electricity, solar street lights will be installed in urban / rural areas.
- To provide State share for declaring Puducherry as solar city by availing assistance from Govt. of India.

3. Actual Physical Achievements during Eleventh Five Year Plan (2007-12) :

i) Solar Street Lights	430
ii) Solar Water Heater (in ltrs)	35200
iii) Energy Education Park (under progress)	1
iv) Solar Lantern	295
v) CFL	25570
vi) LED Bulbs	1750
vii) Solar Cooker	6
viii) Improved Chullah	19500
ix) Biogas Plant	3
x) Community Chullah	34
xi) Solar Stream Cooking	1

4. Physical Achievements for the Annual Plan 2012-13:

i) Wind Monitoring Stations	2
ii) Energy Education Park	1
iii) Bio-gas Plant – Central Kitchen	1

5. Proposed Physical Targets for Annual Plan 2013-14:

i)	Solar City – Puducherry Solar City	1
ii)	Solar Steam Cooking System	2
iii)	Biogas Plant – Central Kitchen	2
iv)	2 MW Power Plant	1
v)	Wind-solar hybrid	10
vi)	1 MW roof-top	2
vii)	Solar Street Lighting systems	2000
viii)	Solar Street Lighting (LED)	100
ix)	Solar Inverter	100
x)	SPV pumpset	50
xi)	Solar cooker	200
xii)	Model Solar City	1
xiii)	Solar Park	1
xiv)	Green Schools	6
xv)	LED Bulbs	20000

6. Remarks : Continuing scheme