

## **INTEGRATED RURAL ENERGY PROGRAMME**

The objective of the programmes under this sector is to prepare and implement area based Integrated Rural Energy Programmes through which the optimum mix of all type of energy sources is utilised for meeting energy needs of rural people for subsistence and productive purposes. Meeting the minimum energy requirements through conventional sources is limited due to the increasing demand, spiraling fuel cost depletion in the availability. It is high time to exploit alternative energy sources which are commercially viable and environmentally friendly in a big way. The best way to approach this problem is to popularise the use of Non-Conventional Energy Sources like Solar wind, Bio energy and the devices such as Solar Water Heating System, Solar Cooker, Solar Street Light & Bio-mass plant etc. District level energy plan would be prepared for Pondicherry and Karaikal leased on surveys of existing pattern of energy consumption, assessment of various rural energy supply options with particular reference to Renewable Energy. These plans will bring out the energy scenario in each district and lead to identification of energy starved rural areas which require concerted action under IREP for meeting the energy needs of rural people for subsistence & productive purpose.

The programmes will focus on the provision of energy for meeting basic needs for cooking and heating especially for the weaker section by utilising locally available energy sources to the extent possible. Liberal subsidy will be granted for the purchase of renewable energy devices in addition providing technical know how. It is also proposed to establish Energy Education park at Pondicherry.

## OUTLAY AT A GLANCE

Sector : INTEGRATED RURAL ENERGY PROGRAMME

No. of Schemes : 4

Department : DISTRICT RURAL DEVELOPMENT AGENCY

(Rs. in lakh)

Tenth Plan 2002-07 Approved Outlay	:	40.00
Annual Plan 2003-04 Actual Expenditure	:	7.50
Annual Plan 2004-05 Approved Outlay	:	10.00
Annual Plan 2004-05 Revised Outlay	:	10.00
Annual Plan 2005-06 Proposed Outlay	:	55.00

(Rs. in lakh)

Sl. No.	Name of the Scheme	2003-04	2004-05		2005-06
		Actual Expenditure	Approved Outlay	Revised Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)
1.	Maintenance of Rural Energy Cell	4.50	4.50	4.50	15.00
2.	Subsidy for various energy conserving devices	3.00	3.00	3.00	20.00
3.	New Sources of Energy	--	2.50	2.50	20.00
<b>Total</b>		<b>7.50</b>	<b>10.00</b>	<b>10.00</b>	<b>55.00</b>

**Scheme No. 1**Sector : INTEGRATED RURAL ENERGY  
PROGRAMME

Implementing Department : D.R.D.A.

1. **Name of the Scheme** : Maintenance of Rural Energy Cell2. **Objective of the Scheme** :

To create awareness on the usage of Renewable Energy Sources. Planning & implementation of renewable Energy Programme & to ensure regular and planned flow of energy inputs for meeting the requirements of various end users in the Union Territory. To meet the expenditure in connection with the maintenance of existing rural energy cell.

3.(a) **Actual physical Achievement 2003-04 :**

- i. Training were conducted on Energy Programme.
- ii. Conducted Work shop on Solar Passive Architecture.

(b) **Anticipated Physical Achievement 2004-05 :**

- i. Celebration of Renewable Energy day on 20<sup>th</sup> August 2004
- ii. Conduct of Exhibition

(c) **Programme envisaged for Annual Plan 2005-06 :**

Renewable Energy Programme will be implemented for meeting the energy needs of rural people for subsistence & productive purpose..

4. **Remarks** : Continuing scheme**Scheme No. 2**Sector : INTEGRATED RURAL ENERGY  
PROGRAMME

Implementing Department : D.R.D.A.

1. **Name of the Scheme** : Subsidy for various Energy Conserving Devices2. **Objective of the Scheme** :

Distribution of various energy conserving devices at subsidised rates for fulfilling energy needs.

**3.(a) Actual physical Achievement 2003-04 :**

Distributed			
Smokeless Chulha	-	7050	Nos.
Compact Fluorescent Lamp	-	1976	Nos.
100KW Biomass Gasifier	-	1	Nos.
Biomass Crematorium	-	1	Nos.
Night soil Bio gas plant	-	1	Nos.

**(b) Anticipated Physical Achievement 2004-05 :**

Smokeless Chulha	-	4000	Nos.
Biomass crematorium	-	2	Nos.
Compact Fluorescent Lamp	-	500	Nos.
CFL Street Light	-	100	Nos.
Nuton Stove	-	1000	Nos.
Community Chulha	-	50	Nos.
Electronic Choke	-	500	Nos.
Mudpot cooler	-	100	Nos.
Family size Bio gas Plant	-	15	Nos.

**(c) Programme envisaged for Annual Plan 2005-06 :**

Improved Chulha	-	5,000	Nos.
Compact Fluorescent Lamp (18W)	-	2,000	Nos.
CFL Street Light	-	100	Nos.
Nuton Stove	-	1,000	Nos.
Family size Biogas Plant (upto 8 cm.)	-	15	Nos.
Community Chulha	-	20	Nos.
Mud Pot Cooler	-	100	Nos.

**4. Remarks :** Continuing scheme

**Pattern of subsidy :**

- It is proposed to grant 10% subsidy maximum of Rs. 0.50 lakh for Night Soil Based biogas plant to be constructed by public/private institution
- Rs.1,800/- per cum subsidy for small Biogas Plant to public.
- 25% subsidy for Electronic choke.

- 50% for smokeless chulha
- 30% subsidy for community chulha
- 50% subsidy for Mud Pot Cooler.
- 50% subsidy for Nutan stove for all BPL families.
- For Govt. department/Institution the Energy devices will be installed at free of cost.
- It is also proposed to install biomass gasifier for cooking purpose in Govt. institutions.

### Scheme No. 3

Sector : INTEGRATED RURAL ENERGY PROGRAMME

Implementing Department : D.R.D.A.

**1. Name of the Scheme** : New Sources of Energy

**2. Objective of the Scheme** :

To propagate to the use of Non Conventional Energy Devices relating to Solar / Wind and Biomass. It is also proposed to grant 5% subsidy for battery operated vehicles considering it eco-friendly nature.

**3.(a) Actual physical Achievement 2003-04 :**

Solar Water Heating System	:	2900	LPD
25 KW SPV Power Plant	:	1	No.
Solar Cooker	:	20	Nos.

**(b) Anticipated Physical Achievement 2004-05 :**

Solar Water Heating System	:	7000	LPD
Solar Lantern	:	50	Nos.
Solar Street Light	:	25	Nos
Solar Home Light	:	15	Nos.
5% subsidy for the purchase of Battery Operated Vehicles	:	14	Nos.
CFL Street Light	:	100	Nos
Electronic Choke	:	500	Nos

**(c) Programme envisaged for Annual Plan 2005-06 :**

Solar Water Heating System	:	7000	LPD
Solar Lantern	:	25	Nos.
5% subsidy for Battery Operated Vehicle	:	20	Nos.
Energy Education Park	:	1	No.
CFL Street Light	:	100	Nos.

**4. Remarks** : Continuing scheme

**Pattern of subsidy :**

It is proposed to grant 20% subsidy maximum of Rs.20,000/- per 1000 LPD for the installation of Solar Water Heating System to Commercial/Private Institutions. It is also proposed to grant 5% subsidy maximum of Rs.15,000/- for Battery Operated Vehicle considering Rs.5,000/- additional subsidy for those who purchase for the vehicles with battery charger which will be operated in rural areas. It is eco-friendly nature. 50% subsidy to Solar Cooker & Solar Lantern. It is proposed to set up one energy park in Pondicherry by availing central financial assistance.