

INTEGRATED RURAL ENERGY PROGRAMME

The objective of the programme is to prepare and implement area based integrated rural energy plans and programmes through which the optimum mix of all type of energy sources is provided for meeting energy needs for subsistence and production of the particular area. 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 & Biomass plants etc.

During the Annual Plan 2004-05 it is proposed to set up one energy education park. In order to popularize the non-conventional devices 6000 improved chulhas, 2000 nuton stoves, 1000 CFL lamps (18 watts) and 500 mud pot coolers will be distributed. Subsidy will be given for setting up of 50 community chulhas, 15 small bio-gas plants and one night soil based bio-gas plant. It is also proposed to install bio-mass gasifier for cooking purpose in government institutions.

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 2002-03 Actual Expenditure	:	--
Annual Plan 2003-04 Approved Outlay	:	10.00
Annual Plan 2003-04 Revised Outlay	:	7.50
Annual Plan 2004-05 Proposed Outlay	:	50.00

(Rs. in lakh)

Sl. No.	Name of the Scheme	2002-03	2003-04		2004-05
		Actual Expenditure	Approved Outlay	Revised Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)
1.	Maintenance of Rural Energy Cell	--	4.50	4.50	8.00
2.	Subsidy for various energy conserving devices	--	3.00	3.00	21.00
3.	New Sources of Energy	--	2.00	--	21.00
4.	Energy Education Park	--	0.50	--	--
Total		--	10.00	7.50	50.00

Scheme No. 1Sector : INTEGRATED RURAL ENERGY
PROGRAMME

Implementing Department : D.R.D.A.

1. Name of the Scheme : Maintenance of Rural Energy Cell**2. Objective of the Scheme** :

To meet the expenditure in connection with the maintenance of existing rural energy cell.

3.(a) Actual physical Achievement 2002-03 :

Existing of 6 IREP block cells are maintained. Training and extension including publicity on Energy Programme

(b) Anticipated Physical Achievement 2003-04 :

Existing of 6 IREP block cells are maintained. Training and extension including publicity on Energy Programme

(c) Programme envisaged for Annual Plan 2004-05) :

Energy Programme will be implemented in all the blocks

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 Devices**2. Objective of the Scheme** :

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

3.(a) Actual physical Achievement 2002-03 :

Chulha	-	4000	Nos.
Nuton Stove	-	600	Nos.
CF Lamp	-	3744	Nos.
100KW Biomass Gasifier	-	1	Nos.
Biomass Crematorium	-	4	Nos.
Night soil based Bio-gas plant	-	3	Nos.

(b) Anticipated Physical Achievement 2003-04 :

Chulha	-	7000	Nos.
Biomass crematorium	-	1	Nos.
Night Soil Biogas Plant	-	3	Nos.
CFL	-	2000	Nos.
CFL Street Light	-	100	Nos.
Community Chulha	-	25	Nos.
Electronic Choke	-	500	Nos.
Mudpot cooler	-	100	Nos.

(c) Programme envisaged for Annual Plan 2004-05 :

Improved Chulha	-	6,000	Nos.
Night Soil Based/Biogas plant	-	1	Nos.
CF Lamp (18W)	-	1,000	Nos.
CFL Street Light (36W)	-	200	Nos.
Nuton Stove	-	2,000	Nos.
Small Biogas Plant (upto 8 cm.)	-	15	Nos.
Community Chulha	-	50	Nos.
Mud Pot Cooler	-	500	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 biogass plant to be constructed by public/private institution and 10% maximum of Rs. 1.00 lakhs for Biomass incinerator / crematorium to be constructed by private institution, for Govt. institutions, it will be installed at free of cost. 50% subsidy for small Biogas Plant to public. It is also proposed to grant 25% subsidy for Electronic choke, 50% for smokeless chulha and 30% subsidy for community chulha and 50% subsidy for Mud Pot Cooler. 90% subsidy for all energy devices to be installed at Govt. Departments Commune Panchayats and Municipalities. 50% subsidy for Nuton stove for BPL families.

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

3.(a) Actual physical Achievement 2002-03 :

Solar Water Heating System	:	4700	LPD
Solar Lantern	:	10	Nos.
Solar Street Light	:	116	Nos.
Solar Home Light	:	10	Nos.
Solar Cooker	:	10	Nos.

(b) Anticipated Physical Achievement 2003-04 :

Solar Water Heating System	:	5000	LPD
Solar Lantern	:	50	Nos.
Solar Street Light	:	50	Nos.
Solar Cooker	:	40	Nos.
Solar Trap	:	10	Nos.
SPV Power plant	:	2	Nos.
Solar Home Light	:	10	Nos.
5% subsidy for the purchase of Battery operated Vehicles	:	30	Nos.
Solar Water pump	:	3	Nos.

(c) Programme envisaged for Annual Plan 2004-05 :

Solar Water Heating System	:	5000	LPD
Solar Lantern	:	50	Nos.
Solar Street Light	:	50	Nos.
Solar Home Lighting system	:	10	Nos.
Solar Cooker	:	10	Nos.
Solar Trap	:	20	Nos.
5% subsidy for Battery Operated Vehicle	:	20	Nos.
Energy Education Park	:	1	Nos.
Solar Water Pump	:	2	Nos.

4. Remarks : Continuing scheme

Pattern of subsidy :

It is proposed to grant 20% subsidy maximum of Rs. 20000 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 its eco-friendly nature. 50% subsidy to Solar Traps & Solar Cookers & Solar lantern.

Scheme No. 4

Sector : INTEGRATED RURAL ENERGY
PROGRAMME

Implementing Department : D.R.D.A.

1. Name of the Scheme : Energy Education Park

2. Objective of the Scheme :

To enlighten the common people and to educate the school children about various forms of Renewable Energy Sources

- 3.(a) Actual physical Achievement 2002-03 :** --
- (b) Anticipated Physical Achievement 2003-04 :** Token provision
- (c) Programme envisaged for Annual Plan 2004-05 :**

Propagation of renewable Energy Sources their uses and relation with energy conservation techniques through interactive exhibits.

- i. Various renewable energy exhibits
- ii. Solar power system
- iii. Energy information system
- iv. Bio energy
- v. Solar hut
- vi. Solar swimming pool
- vii. Battery Operated boats
- viii. Battery operated toys
- ix. Purchase of four wheeler -1

4. Remarks : Continuing scheme