

**Central Electrochemical Research Institute,
Karaikudi**

Major Achievements (1992-95) :

1. CECRI has developed expertise for monitoring corrosion levels in bridges and innovative solutions for protecting prestressed steel in concrete structures. Knowhow has been developed for supervisory control and data acquisition (SCADA) for monitoring corrosion rates in offshore structures automatically and applying corrective measures by remote control. This is being used at Madras Port Trust.
2. Following Technologies have been developed and transferred to the industry :
 - Chromium and sodium metal
 - Electrophoretic paint; bluephosphor
 - Membrane cell for production of potassium hydroxide and sodium hydroxide.
3. For the manufacture of caustic potash a membrane cell process has been developed. The technology has been released to M/s/ Kanvarees Chemicals Ltd. for putting up a plant of 10 tonnes per day for the production of caustic potash.
4. CECRI has installed an array of solar still for conversion of brackish water in remote rural areas near Illayangudi in Tamil Nadu.
5. Technologies have been developed for making lead acid batteries for normal and low temperature applications and maintenance free lead acid batteries of capacities upto 12V/100 AH. Deep discharge batteries using CECRI knowhow are being used for powering stand alone lights in rural areas under the Literacy Mission and in uninterrupted power supplies in computer installations.
6. A technology for the hard anodising of aluminium alloy has been developed for Hard Alloy Penetrator Project (HAPP) of the Ministry of Defence. It is utilised by HAPP for hard anodising of aluminum alloy components of anti tank missile assemblies.

**Financial Assistance to Small Scale
Industrial Units**

7023. SHRI UDAYSINGRAO GAIKWAD :
SHRI N.J. RATHVA :

Will the PRIME MINISTER be pleased to state :

(a) whether Small Scale Industrial Units have been provided financial assistance during the last three years;

(b) if so, the details of the funds allocated, State-wise and year-wise;

(c) whether the Government propose to provide similar financial assistance to small Scale Units in future; and

(d) if so, the details thereof and if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF INDUSTRY (DEPARTMENT OF SMALL SCALE INDUSTRIES AND AGRO AND RURAL INDUSTRIES) (SHRI M. ARUNACHALAM) : (a) and (b). Entrepreneurs seek financial assistance from commercial banks and other financial institutions to set up small scale industries. The details of the sanction, disbursement etc. are given in Statement enclosed. Government help the small scale industries through various support measures like consultancy services, Tool Room and Training facilities, Entrepreneurship Development Programme, Workshop facilities, Reservation of items for exclusive manufacture and purchases from small scale industries etc. For promotion and development of small scale industries in the country, in addition to developmental efforts of State/UT Governments Plan provisions under Central Sector during the last three years are as follows :-

	(Rs. in crores)
1992-93	136.70
1993-94	160.20
1994-95	256.50

No State-wise allocations of Plan Funds are made.

(c) and (d). The total tentative approved outlay for the Central Sector for promotion and development of small scale industries during 8th Five Year Plan is Rs.627 crores. PMRY which accounts for an outlay of Rs. 145 crores against the total outlay of Rs.256.50 crores for the year 1994-95 was introduced in 1993-94. i.e., after the tentative outlay of Rs.627 crores was indicated. Plan allocations for this scheme (PMRY) are being made on annual basis. Accordingly, the outlays for the year 1995-96 and 1996-97 will reflect additionalities arising from the requirement of funds for the PMRY.

STATEMENT

*1. Assistance sanctioned and disbursed by State
Financial Corporations for the latest 3 years :*

Year	Sanctions	(Rs. crores) Disbursements
1991-92	2190.3	1536.8
1992-93	2015.3	1557.4
1993-94	1909.4	1568.0

II. Credits to small scale industries by Public Sector Banks for the latest three years.

(Rs. crores)

Outstanding as on last Friday of

March, 1992	17398.0
March, 1993	19388.0
March, 1994	21561.0

III. Assistance sanctioned and disbursed by Small Industries Development Bank of India for the latest three years

(Rs. crores)

Year	Sanctions	Disbursements
1991-92	3406.80	2588.11
1992-93	3549.85	2787.28
1993-94	4014.05	3331.32

Solar Power Plants

7024. SHRI GOPI NATH GAJAPATHI : Will the PRIME MINISTER be pleased to state :

(a) whether the Government propose to set up solar power plants in the country during the current Plan period;

(b) if so, the number thereof?

(c) the places identified for the establishment of these solar power plants; and

(d) the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES AND MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI S. KRISHNA KUMAR) : (a) to (d). The Government is providing support to the States/UTs for installation of Solar Photovoltaic (SPV) Power Plants, under its socially oriented scheme and market oriented scheme. So far 144 village level SPV Power Plants have been installed in the country and 47 SPV Power Plants are under implementation. Proposals for setting up SPV Power Plants are considered or support on case by case basis. The list of the SPV Power Plants, alongwith their SPV capacity already installed and under implementation are given in Statement I and II respectively.

In addition, as 35 MW Solar Thermal Power Plant is proposed to be taken up in village Mathania of Jodhpur District in Rajasthan.

STATEMENT - I

State-wise list of Solar Photovoltaic Power Plants installed under MNES SPV programme

S.No.	State/UTs	Locations	Capacity
1	2	3	4
1.	Andhra Pradesh	1. Salojipally, Distt. Medak 2. Engineering Staff College of India, Hyerabad.	6.84 5.00
2.	Arunachal Pradesh	1. Akker Yangam, Distt. West Siang 2. Piri, West Siang 3. Kapudada. East Kameng	2.00 2.90 3.00
3.	Assam	1. Umananda Island, Distt. Kamrup	1.00
4.	Goa	1. Coria, Quepem Taluka, South Goa 2. Tudou, Saguem Taluka, S. Goa	0.76 0.96
5.	Gujarat	1. Kalyanpura, Kheda 2. Raliyati Gurjar, Panchmahal 3. Choradungari, Kheda	8.00 2.00 4.00
6.	Haryana	1. Motilal Nehru School of Sports, Rai, 2. Malab. Gurgaon 3. Paluwas, Bhiwani 4. Barana, Karnal 5. Nahuka, Gurgaon	20.00 1.00 1.30 1.00 1.00
7.	Kerala	1. Pakkom Tribal Colony, Wynad 2. Karavur, Palghat 3. Agali, Palghat 4. Malampuzha, Palghat	1.00 1.20 1.50 1.02
8.	Madhya Pradesh	1. Lamni, Bilaspur 2. Chirai, Damoh	6.00 3.00