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Written Answers

3	4
J	
210.71	77
713.72	82
1221.43	720
287.53	470
338.62	1099
2.08	2
0.26	1
1097.02	1497
22.31	15
90.00	33
5613.40	3701
52.20	6
1178.30	9
1550.76	2204
15108.42	11283
	210.71 713.72 1221.43 287.53 338.62 2.08 0.26 1097.02 22.31 90.00 5613.40 52.20 1178.30 1550.76

# **Export of Agricultural Products**

\*490 DR. RAMKRISHNA KUSHMARIA: SHRI SHIVRAJ SINGH

Will the Minister of COMMERCE be pleased to state:

- the details of the agricultural products exported during each of the last three years, till-date;
- the details of the items which fetched highest earnings through export and which brought the lowest earnings during the above period, country-wise;
- the items for which the export has decreased alongwith the reasons therefor; and
- the steps taken by the Government to increase the export of agricultural products during the current financial year?

THE MINISTER OF STATE OF THE MINISTRY OF COMMERCE (SHRI BOLLA BULLI RAMAIAH): (a) The exports of agricultural and allied products excluding tea. coffee, raw cotton and marine products during 1993-94, 1994-95, 1995-96 and 1996-97 (April-Feb, '97) were Rs. 7533 Crores, Rs. 7049 Crores, Rs. 13337 Crores and Rs. 13720 Crores respectively.

The major items exported include Rice (basmati and non-basmati). Wheat, Tobacco (manufactured and unmanufactured), Spices, Cashew, Guargum meal, Groundnut, Oil meals. Horticultural and floricultural products, and meat and meat preparations

Under the Harmonised System of Indian Trade Classification (6 digit level) the items which fetched the highest and lowest export earnings during the last three years are as follows:

	Year	Export Earnir	ngs
		Highest	Lowest
1.	1993-94	Oil Meals	Wheat
2	1994-95	Oil Meals	Coarse Grains
3	1995-96	Non Basmati Rice	Coarse Grains
4.	1996-97	Oil Meals	Coarse Grains
	(April - Feb.)		

(Source: DGCi & S, Calcutta)

The details of country-wise exports are available in the Annual Number of the Foreign Trade Statistics of India published by the Directorate General Commercial Intelligence and Statistics (DGCI & S) Calcutta, copies of which are available in the Parliament Library.

- The exports of some of the items falling under the agricultural and allied products groups have shown a mixed trend. The exports of various agricultural commodities depend upon varieties traded, prices, consumer perferences and international demand and supply position.
- Steps taken to enhance export of agricultural and allied products include simplification of inspection procedures, removal of minimum export price and quantity restrictions on selected items provision of concessional credit, product development to meet international needs, extension of benefits available under the scheme of EOUs/ EPZs to agriculture sector and permitting 50% sale in the domestic tariff area, assistance to exporters for improved packaging strengthening of quality control, air freight subsidy on export of selected horticultural, floricultural products and fresh vegetables to identified destinations, promoting export of identified products through brand promotion campaigns arranging buyer-seller meets and participation in inter-national fairs/exhibitions.

[English]

### Funds for NCES

\*491. SHRI SUKHBIR SINGH BADAL:

SHRI R.L.P. VERMA:

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

- the amount allocated in the Central Budget and foreign investment made for the development of Non-Conventional Energy Sources Sector during each of the last three years and the areas thereof, State-wise;
- the quantum of energy generated during the above period, year-wise, State-wise;

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- (c) the number of bio-gas plants in the country and the target fixed for opening new bio-gas plants during the Ninth Five Year Plan, year-wise;
- (d) whether the Government propose to develop the Non-Conventional Energy Sources especially in the areas of Gobar gas and Wind energy in the country particularly in Bihar during the said period;
  - (e) if so, the steps being taken in this regard; and
  - (f) if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (DR. S. VENUGOPALACHARI): (a) The amounts allocated in the Central Budget for the development of Non-Conventional Energy Sources sector in the areas such as Biogas, Improved Chulha, Biomass Production and Utilisation, Integrated Rural Energy Programme, Solar Photovoltaic and Solar Thermal Energy, Wind Energy, Small Hydro Power, Biomass Combustion and co-generation, Solar photovoltaic and Solar Thermal Power, Energy Recovery from Urban and Industrial Wastes, Electric Vehicles, Fuel Cells and other emerging technologies during the last three years namely, 1994-95, 1995-96 and 1996-97, are Rs. 226.38 crores. Rs. 248.38 crores and Rs. 335.90 crores respectively. State-wise allocation are not made in the Central Budget.

In order to attract foreign investment in the non-conventional energy sector, Government has cleared 11 proposals involving foreign investment of Rs. 53.71 crores in the last 3 years for the development of non-conventional energy sector. State-wise, year-wise break-up of the proposals is given in statement-I. In addition, a loan of Rs. 138.49 crores has been received from Bilateral and Multilateral Funding agencies in the last two years. Year-wise break-up is given in statement-II

(b) The State-wise, year-wise estimate of the quantum of energy generated/saved during the last three years, is given in statement-III.

- (c) The number of Biogas Plants set up in the country till 31st March, 1997 is 25,33,204. The number of Biogas Plants proposed to be set up during the 9th Five Year Plan period, Year-wise, is given in statement-IV.
- (d) to (f)The proposed 9th Five Year Plan envisages the development of all areas of non-conventional energy sources, including biogas and wind energy, in the country, including in the State of Bihar. However, no potential sites have been identified so far for grid-quality power generation from wind energy in Bihar.

Major policy initiatives taken to encourage private/ foreign direct investment to tap energy from Non-conventional sources, include provision of fiscal and financial incentives under a wide range of programmes being implemented by the Ministry and simplification of procedures for private investment including foreign direct investment in the non-conventional energy projects. The fiscal incentives provided for this purpose include 100% depreciation in the first year of the installation of the project, exemption from excise duty and sales tax and concessional customs duty on the import of material, components and equipment used in non-conventional energy projects. In addition, the Government provides financial incentives such as interest-subsidy and capital subsidy from the Ministry of Non-conventional Energy Sources and soft loans from the Indian Renewable Energy Development Agency (IREDA) a Public Sector Company of the Ministry. For creation of attractive facilities for evacuation and purchase/wheeling/ banking of electrical energy generated from non-conventional sources, the Ministry has issued a set of guidelines to all the States. It has been suggested that the States should announce general policies for purchase/wheeling/ banking of electrical energy generated from all nonconventional energy sources. A minimum purchase price of Rs. 2.25 per unit with an annual escalation of 5% for the first 10 years, with liberal wheeling/banking facilities at nominal charges has been suggested. Twelve States have so far announced such policies in respect of various nonconventional energy sources.

#### Statement-I

State-wise and year-wise break-up of proposals approved by the Government for Foreign Investment in Non-Conventional Energy Sector

(Rs. in crores) SI State Year Total amount of No 1994-95 1995-96 1996-97 the proposals approved on foreign investment in renewable energy sector 1 2 3 4 5 6 1. Andhra Pradesh 1.00 0.10 1.10 2. 1.26 Daman & Diu 1.26 3. 12.60 Karnataka 12.60

1	2 .	3	4	5	6
4.	Madhya Pradesh	-	-	0. <b>2</b> 2	0.22
5.	Maharashtra	-	0.65	2.91	3.56
6.	Rajasthan	-	0.56	•	0.56
7.	Tamil Nadu	-	4.41	10.00	14.41
8	West Bengal	20.00	-	20.00	20.00
	Total	20.00	20.48	33.23	53.71

Statement-II

Loans from multilateral and bilateral funding agencies

Year	Amount (Rs. In crores)
1994-95	0.00
1995-96	51.49
1996-97	87.00
Total:	138.49

Statement-III

Estimates of Energy generated/saved through various Non-conventional Energy Systems and devices, state-wise, year-wise during last three years

S.No.	Name of State	ume of State Wind Energy (million Kwh)			all Hydro million Kv		Biornass Power (lakh Kwh)			Solar Thermal (million Kwh thermal)			
		1994-95	1995-96	1996-97	1994-95	1995-96	1996-97	1994-95	1995-96	1996-97	1994-95	1995-96	1996-97
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1.	Andhra Pradesh	0.61	7.68	39.98	24.00	28.04	28.04		-		4.58	4.60	4.76
2.	Arunachal Pradesh	-		=	76.60	76. <b>6</b> 0	80.60	-	-	-	0.25	0.28	0.28
3.	Assam	-	-		8.00	8.80	8.80		-	-	0.34	0.34	0.34
4.	Bihar						0.16		•		1.76	1.76	1.70
5	Goa	-		-			*	÷		-	0.38	0.38	0.71
6.	Gujarat	37.8	58.23	117.93	8.00	8.00	8.00	•	•	-	43.14	43.23	43.23
7.	Haryana			-	0.80	0.80	0.80	3.42	25.07	0.87	4.47	4.57	4.60
8.	Himachal Pradesh	-		-	36.70	37.88	37.96	-	-	•	3.08	3.10	3.10
9.	Jammu & Kashmir	-	=		9.20	17.40	17.48		-	Α'	1.24	1.24	1.24
10	Karnataka	-	0.31	4.32	13.40	18.80	40.40	÷			15.26	15.26	33.9
11.	Kerala	0. <b>06</b>	2.04	2.56	0.08	2.08	14.08			-	1.56	1.56	1.79
12.	Madhya Pradesh	0.25	0.81	5.98	4.80	9.00	13.00	•	•		24.90	25.15	25.5
13.	Maharashtra	1.14	1.17	2.58	14.32	14.32	17.28	20.00	104.00	37.22	17.31	21.86	26.3
14.	Manipur	-			10.80	16.40	16.40	-	-		0.20	0.22	0.2
15.	Meghalaya	*		-	6.04	6.04	6.04		-	•	0.78	0.86	0.8
16.	Mizoram	_		-	13.34	21.34	21.34		-	•	0.06	0.06	0.0

1	2	3	4		5	6	7	8	9	1	0 11	12	THE PERSON NAMED IN	13	14
17.						12.68	12.68	12.68							
18	Orissa		,			2.00			-	-	•	0.07		0.07	0.07
	Punjab	-		•			5.04	5.04				1.25		1.82	1.35
19.	•	-		-	-	15. <b>6</b> 0	15.60	15.60	2.77		-	5.78		6.01	6.01
20.	Rajasthan	-		-	-	8.80	17.20	17.20	٠	-	-	2.98		3.10	3.11
21.	Sikkim					27. <b>6</b> 0	38.64	37.00	•	-	-	0.18		0.18	0.19
22	Tamil Nadu	151.37	426.2	0 /0	02.17	19.00	19.00	19.00	83.30	198.40	719.30	12.48	1:	3.22	13.80
23.	Tripura	-		•	-	4.04	4.04	4.04	-	-	-	0.11	(	0.11	0.14
24	Uttar Pradesh				-	105.52	107.12	124.16	-		-	16.32	10	6.82	18.43
25.	West Bengal			-	-	29.84	29.84	29.84	-		-	2.03	•	4.12	6.66
26.	Andaman & Nicobar	-		-	-	-	-	•	•		-	0.05	(	0.07	0.07
<b>2</b> 7.	Chandigarh			-	-	-	•	-	-	-	-	1.14		1.14	1.14
28.	Dadra & Nagar Have	- He		-	-			÷	-			0.06	(	0.06	0.06
<b>2</b> 9.	Daman & Diu	j.			•	-	-	-	+	-	-	-			
30.	Delhi	-			-	-	-	-		-	-	13.63	1:	3.63	18.69
31.	Lakshadweep	•		-	-			-	-					-	
32	Pondicherry				-				_		-	0.75	(	0.75	0.84
33.	Others	_			_							_			
SI. <b>N</b> o	Name to State	(mil	ar Cooker	of .	(1	PV Systemillion Kwh	1)		ss Gasifi (KW)	er	Biogas (in	t of		SPV Pump (1000 kwt	•
		(mil tuelw	lion Kg o	of od)	othe	million Kwh ir than pui	nps	and the second s	( <b>KW</b> )			t of saved)	(	1000 kwt	h)
		(mil tuelw	lion Kg o	of od)	othe	million Kwh ir than pui	nps	and the second s	( <b>KW</b> )	96-97 199	per yea fuelwood	t of saved)	(	1000 kwt	h)
<b>N</b> o	1	(mil fu <del>olw</del> 994-95	lion Kg o rood save	il id) 1996-97	othe 1994-9	million Kwh ir than pui 5 1995-96	n) mps 1996-97	199 <b>4</b> -95 19	95-96 19	96-97 199	per yea fuelwood 4-95 1995-0 2 13	r of saved) 96 1996-97	1994-95	1000 kwh 5 1995- <b>9</b> 6	h) 1996-97 17
<b>N</b> o	, 5	(mil fuelw 994-95 1	lion Kg o rood save	of od) 1 <b>996</b> -97	(i othe 1994-9:	million Kwh or than pui 5 1995-96	1) mps 1996-97	199 <b>4</b> -95 19	95-96 19	11 1 320 759	per yea fuelwood 4-95 1995-0 2 13	r of saved) 96 1996-97 14 46255	1994-95	1000 kwf 5 1995-96 16	h) 1996-97 17
No 1	1 2 Andhra Pradesh	(mil fuelw 994-95 3	lion Kg o rood save 1995-96 4	of od) 1996-97 5 5.79	(in other 1994-95	million Kwh or than pur 5 1995-96 7 0.36	1) mps 1996-97 8	199 <b>4</b> -95 19	95-96 19	11 1 320 759	per yea tuelwood 4-95 1995-0 2 13 12 73532 82 189	r of saved) 96 1996-97 14 46255	1994-95	1000 kwf 5 1995-96 16	1996-97 17 375.90
1 1 2	1 2 Andhra Pradesh Arunachal Pradesh	(mil fuelw 994-95 3 3.62	lion Kg o rood save 1995-96 4 5.42	5 5.79 0.24	6 0.33 0.10	7 0.36 0.12	8 0 46 0.12	9 2400	95-96 19	11 1 1320 759	per year tuelwood 4-95 1995-0 2 13 12 73532 82 189 84 8032	r of saved) 96 1996-97 14 46255	1994-95	1000 kwf 5 1995-96 16 249.75	17 375.30
1 1 2 3	1 Andhra Pradesh Arunachal Pradesh Assam	(mil fuelw 994-95 1 3 3 62 0.05	1995-96 4 5.42	5 5.79 0.05	6 0.33 0.10	7 0.36 0.12 0.06	8 0 46 0.12	9 2400	95-96 19	11 1 1320 759 1 53	per year tuelwood 4-95 1995-0 2 13 12 73532 82 189 84 8032	1 of saved) 26 1996-97  14  46255  83  18113  4284	1994-95	1000 kwf 5 1995-96 16 249.75	17 375.30 37.80 70.20
1 1 2 3	1 2 Andhra Pradesh Arunachal Pradesh Assam Bihai Goa	(mil fuelw 994-95 1 3 3 62 0.05 0.44	lion Kg o rood save 1995-96 4 5.42  0.05	5 5.79 0.05 0.44	6 0.33 0.10 0.03	7 0.36 0.12 0.06 0.09	8 0 46 0.12 0.07 0.17	9 2400	95-96 11 10 1700 1	11 1 1320 759 1 53	per yea tuelwood 4-95 1995-0 2 13 12 73532 82 188 84 8032 35 21548 75 170	1 of saved) 26 1996-97  14  46255  83  18113  4284  505	1994-99	1000 kwh 5 1995-96 16 249.75 21 60 35 10	17 375.30 37.80 70.20
1 1 2 3 4 5	1 2 Andhra Pradesh Arunachal Pradesh Assam Bihar Goa Gujarat	(mil fuelw 994-95 1 3 3 62 0.05 0.44	1995-96 4 5.42 0.05 0.44	5 5.79 0.24 0.05 0.44 0.76	6 0.33 0.10 0.03 0.08	7 0.36 0.12 0.06 0.09 0.01	0 46 0.12 0.07 0.17	9 2400 23	95-96 10 10 1700 1	11 1 1320 759 1 53 - 130	per yea fuelwood 4-95 1995-6 2 13 12 73532 82 189 84 8032 35 21548 75 170 49 63897	1 of saved) 26 1996-97  14  46255  83  18113  4284  505  60022	1994-99 15 62.10	16 249.75 21 60 35 10 2.70	17 375.30 70.20 5.40
1 1 2 3 4 5 6. 7 8.	1 2 Andhra Pradesh Arunachal Pradesh Assam Bihai Goa Gujarat Haryana	(mil fuelw 994-95 1 3 3 62 0.05 0.44 0.50 19.31	lion Kg o nood save 1995-96 4 5.42 0.05 0.44 0.59 21.06	5 5.79 0.24 0.05 0.44 0.76 23.32	6 0.33 0.10 0.03 0.08 0.01 0.23	7 0.36 0.12 0.06 0.09 0.01 0.24	8 0.46 0.12 0.07 0.17 0.01 0.26	9 2400 23 1104	(KW) 95-96 10 10 1700 1	111 11320 758 1 130 240 884	per yea fuelwood 4-95 1995-6 2 13 12 73532 82 188 84 8032 35 21548 75 170 49 63897 54 5803	10 of saved) 10 1996-97 14 46255 83 18113 4284 505 60022 7092	1994-95 15 62.10	1600 kwh 5 1995-96 16 249.75 21 60 35 10 2.70	17 375.30 37.80 70.20 16.20 17.55
1 1 2 3 4 5 6. 7 8. 9.	Andhra Pradesh Arunachal Pradesh Assam Bihai Goa Gujarat Haryana Himachal Pradesh Jammu & Kashmir	(mil fuelw 994-95 1 3 3 62 0.05 0.44 0.50 19.31	1995-96 4 5.42 0.05 0.44 0.59 21.06	1996-97 5 5.79 0.24 0.05 0.44 0.76 23.32 9.22 12.89 0.21	6 0.33 0.10 0.03 0.08 0.01 0.23 0.12 0.05	7 0.36 0.12 0.06 0.09 0.01 0.24 0.15 0.11 0.15	1) mps 1996-97  8 0.46 0.12 0.07 0.17 0.01 0.26 0.20 0.18 0.19	9 2400 23 1104	95-96 11 10 1700 1	11 11 11 11 11 11 11 11 11 11 11 11 11	per yea fuelwood 4-95 1995-6 2 13 12 73532 82 189 84 8032 35 21548 75 170 49 63897 54 5803 82 4650 48 465	10 of saved) 10 1996-97 14 46255 83 18113 4284 505 60022 7092 4030	15 62.10	16 249.75 21 60 35 10 2.70 5.40	17 375.30 37.80 70.20 16.20 5.40 17.55 1.35
1 1 2 3 4 5 6. 7 8. 9.	Andhra Pradesh Arunachal Pradesh Assam Bihai Goa Gujarat Haryana Himachal Pradesh Jammu & Kashrnir Karnataka	(mil fuelw 994-95 1 3 3 62 0.05 0.44 0.50 19.31 7.72 12.44	1995-96 4 5.42 0.05 0.44 0.59 21.06 8.92 12.30	1996-97 5 5 79 0 24 0.05 0.44 0.76 23.32 9.22 12.89 0.21	0.03 0.03 0.03 0.00 0.03 0.01 0.23 0.12 0.05 0.07	7 0.36 0.12 0.06 0.09 0.01 0.24 0.15 0.11 0.15 0.04	0) mps 1996-97 8 0 46 0.12 0.07 0.17 0.01 0.26 0.20 0.18 0.19	9 2400 23 1104 590	95-96 11 10 1700 1	11 1 320 759 1 130 2 40 884 - 64 - 68 - 2	per yea tuelwood 4-95 1995-0 2 13 12 73532 82 188 84 8032 35 21548 75 170 49 63897 54 5803 82 4650 48 465	10 of saved) 10 1996-97 14 46255 83 18113 4284 505 60022 7092 4030 607 80984	1994-98 15 62.10 1.35	16 249.75 21.60 35.10 2.70 5.40	17 375.30 37.80 70.20 16.20 17.55 1.35
1 1 2 3 4 5 6. 7 8. 9. 10. 11.	Andhra Pradesh Arunachal Pradesh Assam Bihai Goa Gujarat Haryana Himachal Pradesh Jammu & Kashmir Karnataka	(mil fuelwing) 994-95 1 3 3 62 0.05 0.44 0.50 119.31 7.72 112.44 0.05 0.11	0.05 0.44 0.59 21.06 8.92 0.11	1996-97 5 5.79 0.24 0.05 0.44 0.76 23.32 9.22 12.89 0.21 0.15	6 0.33 0.10 0.03 0.08 0.01 0.23 0.12 0.05 0.07 0.03	7 0.36 0.12 0.06 0.09 0.01 0.24 0.15 0.11 0.15 0.04 0.17	0 46 0.12 0.07 0.17 0.01 0.26 0.20 0.18 0.19 0.06	9 2400 23 1104 590 400	95-96 10 10 1700 1	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	per yea tuelwood 4-95 1995-0 2 13 12 73532 82 189 84 8032 35 21548 75 170 49 63897 54 5803 82 4650 48 465 34 68286	10 of saved) 10 1996-97 14 46255 83 18113 4284 505 60022 7092 4030 607 80984 10605	15 62.10 1.35 4.05 9.45	1600 kwh 5 1995-96 16 249.75 21 60 35 10 2.70 5.40 5.40 28.35 79.65	17 375.36 37.88 70.20 16.20 5.40 17.55 1.38 75.86
1 1 2 3 4 5 6. 7 8. 9. 10. 11. 12.	Andhra Pradesh Arunachal Pradesh Assam Bihar Goa Gujarat Haryana Himachal Pradesh Jammu & Kashmir Karnataka Kerata Madhya Pradesh	(mil fuelw 994-95 1 3 3 62 0.05 0.44 0.50 19.31 7.72 12.44 0.05	lion Kg of the color of the col	1996-97 5 5 79 0 24 0.05 0.44 0.76 23.32 9.22 12.89 0.21 0.15 0.11	0.033 0.10 0.03 0.01 0.23 0.12 0.05 0.07 0.03	7 0.36 0.12 0.06 0.09 0.01 0.24 0.15 0.11 0.15 0.04 0.17 0.63	0) mps 1996-97  8 0.46 0.12 0.07 0.17 0.01 0.26 0.20 0.18 0.19 0.06 0.28 0.63	9 2400 23 1104 590 400	95-96 11 10 1700 1 162	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	per yea fuelwood 4-95 1995-6 2 13 12 73532 82 188 84 8032 35 21548 75 170 49 63897 54 5803 82 4650 48 465 34 68286 23 9424	100 saved) 100 1996-97 14 46255 83 18113 4284 505 60022 7092 4030 607 80984 10605 64473	15 62.10 1.35 4.05 9.45 1.35	1600 kwf 5 1995-96 16 249.75 21 60 35 10 2.70 2.70 5.40 28.35 79.65 4.05	17 375.30 37.80 70.20 16.20 5.40 17.55 1.35 14.85 75.80 214.65
1 1 2 3 4 5 6. 7 8. 9. 10. 11. 12.	Andhra Pradesh Arunachai Pradesh Assam Bihar Goa Gujarat Haryana Himachai Pradesh Jammu & Kashmir Karnataka Kerala Madhya Pradesh Maharashtra	(mil fuelwing) 994-95 1 3 3.62 0.05 0.44 0.50 19.31 7.72 12.44 0.05	1995-96  4  5.42  0.05  0.44  0.59  21.06  8.92  12.30  0.05  0.11  82.52  26.97	1996-97 5 5.79 0.24 0.05 0.44 0.76 23.32 9.22 12.89 0.21 0.15 0.11 93.13 28.66	0.033 0.10 0.03 0.01 0.03 0.01 0.23 0.12 0.05 0.07 0.03 0.07 0.62 0.35	7 0.36 0.12 0.06 0.09 0.01 0.24 0.15 0.11 0.15 0.04 0.17 0.63 0.41	0 46 0.12 0.07 0.17 0.01 0.26 0.20 0.18 0.19 0.06 0.28 0.63	9 2400 23 1104 590 400	95-96 19 10 1700 1 162	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	per year tuelwood 4-95 1995-0 2 13 12 73532 82 189 84 8032 35 21548 75 170 49 63897 54 5803 82 4650 48 465 34 68286 23 9424 17 62124	10 of saved) 10 1996-97 14 46255 83 18113 4284 505 60022 7092 4030 607 80984 10605 64473 46735	15 62.10 1.35 4.05 9.45	1600 kwf 5 1995-96 16 249.75 21 60 35 10 2.70 5.40 28.35 79.65 4.05	17 375.30 37.80 70.20 16.20 5.40 17.50 14.80 75.80 214.60 117.40
1 1 2 3 4 5 6. 7 8. 9. 10. 11. 12. 13. 14.	Andhra Pradesh Arunachal Pradesh Assam Bihai Goa Gujarat Haryana Himachal Pradesh Jammu & Kashmir Karnataka Kerala Madhya Pradesh Maharashtra Annipui	(mil fuelw 994-95 1 3 3 62 0.05 0.44 0.50 19.31 7.72 12.44 0.05	lion Kg of cool save (1995-96)  4	1996-97 5 5.79 0.24 0.05 0.44 0.76 23.32 9.22 12.89 0.21 0.15 0.11 93.13 28.66 0.16	(nother 1994-98) 6 0.33 0.10 0.03 0.08 0.01 0.23 0.12 0.05 0.07 0.03 0.07 0.62 0.35 0.05	7 0.36 0.12 0.06 0.09 0.01 0.24 0.15 0.11 0.15 0.04 0.17 0.63 0.41 0.05	0) mps 1996-97  8 0 46 0.12 0.07 0.17 0.01 0.26 0.20 0.18 0.19 0.06 0.28 0.63 0.41 0.06	9 2400 23 1104 590 400	95-96 11 10 1700 1 162	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	per year tuelwood  4-95 1995-6  2 13  12 73532  82 189  84 8032  35 21548  75 170  49 63897  54 5803  82 4650  48 465  34 68286  23 9424  17 62124  80 54386	100 saved) 10 1996-97 14 46255 83 18113 4284 505 60022 7092 4030 607 80984 10605 64473 46735 623	15 62.10 1.35 4.05 9.45 1.35	1600 kwf 5 1995-96 16 249.75 21 60 35 10 2.70 2.70 5.40 28.35 79.65 4.05	17 375.36 37.86 70.20 16.20 5.40 17.58 1.38 75.66 214.68 117.48
1 1 2 3 4 5 6. 7 8. 9. 10. 11. 12.	Andhra Pradesh Arunachal Pradesh Assam Bihai Goa Gujarat Haryana Himachal Pradesh Jammu & Kashmir Karnataka Kerala Madhya Pradesh Maharashtra Anipui Meghalaya	(mil fuelwing) 994-95 1 3 3.62 0.05 0.44 0.50 19.31 7.72 12.44 0.05 0.11 76.04 24.33 0.12 0.44	1995-96  4  5.42  0.05  0.44  0.59  21.06  8.92  12.30  0.05  0.11  82.52  26.97  0.12  0.50	1996-97 5 5.79 0.24 0.05 0.44 0.76 23.32 9.22 12.89 0.21 0.15 0.11 93.13 28.66 0.16 0.64	0.03 0.03 0.01 0.03 0.01 0.03 0.01 0.03 0.01 0.05 0.07 0.03 0.07 0.62 0.35 0.05	7 0.36 0.12 0.06 0.09 0.01 0.24 0.15 0.11 0.15 0.04 0.17 0.63 0.41 0.05 0.13	0) mps 1996-97  8 0.46 0.12 0.07 0.17 0.01 0.26 0.20 0.18 0.19 0.06 0.28 0.63 0.41 0.06 0.14	9 2400 23 1104 590 400	95-96 19 10 1700 1 162	11 1320 759 1320 759 1 130 2 40 884 - 64 - 68 - 910 - 99 00 629 00 763 - 2	per year tuelwood 4-95 1995-6 2 13 12 73532 82 188 84 8032 35 21548 75 170 49 63897 54 5803 82 4650 48 4650 34 68286 23 9424 17 62124 30 54386 94 440 - 155	10 of saved) 10 1996-97 14 46255 83 18113 4284 505 60022 7092 4030 607 80984 10605 64473 46735 623	15 62.10 1.35 4.05 9.45 1.35	1600 kwf 5 1995-96 16 249.75 21 60 35 10 2.70 5.40 28.35 79.65 4.05	17 375.36 37.86 70.20 16.20 5.40 17.53 14.85 75.86 214.65 117.45
1 2 3 4 5 6. 7 8. 9. 10. 11. 12. 13. 14. 15	Andhra Pradesh Arunachai Pradesh Assam Bihar Goa Gujarat Haryana Himachai Pradesh Jammu & Kashmir Karnataka Kerala Madhya Pradesh Maharashtra Manipui Meghalaya Mizoram	(mil fuelwing) 994-95 1 3 3.62 0.05 0.44 0.50 19.31 7.72 12.44 0.05 0.11 76.04 24.33 0.12 0.44 0.07	1995-96  4  5.42  0.05  0.44  0.59  21.06  8.92  12.30  0.05  0.11  82.52  26.97  0.12  0.50  0.07	1996-97 5 5.79 0.24 0.05 0.44 0.76 23.32 9.22 12.89 0.21 0.15 0.11 93.13 28.66 0.16	(nother 1994-95) 6 0.33 0.10 0.03 0.08 0.01 0.23 0.12 0.05 0.07 0.03 0.07 0.62 0.35 0.05 0.10 0.09	7 0.36 0.12 0.06 0.09 0.01 0.24 0.15 0.11 0.15 0.04 0.17 0.63 0.41 0.05 0.13 0.12	0) mps 1996-97  8 0 46 0.12 0.07 0.17 0.01 0.26 0.20 0.18 0.19 0.06 0.28 0.63 0.41 0.06 0.14 0.13	9 2400 23 1104 590 400	95-96 19 10 1700 1 162	11	per year tuelwood  4-95 1995-0  2 13  12 73532  82 189  84 8032  35 21548  75 170  49 63897  54 5803  82 4650  48 465  34 68286  23 9424  17 62124  30 54386  94 440  - 155  10 310	10 of saved) 10 1996-97 14 46255 83 18113 4284 505 60022 7092 4030 607 80984 10605 64473 46736 623 62 372	15 62.10 1.35 4.05 9.45 1.35	1000 kwf 5 1995-96 16 249.75 21 60 35 10 2.70 5.40 2.8.35 79.65 4.05 43.20	1996-97 17 375-30 37.80 70.20 16.20 5.40 17.55 14.65 14.65 117.45 1.36
1 1 2 3 4 5 6. 7 8. 9. 10. 11. 12. 13. 14. 15 16.	Andhra Pradesh Arunachal Pradesh Assam Bihar Goa Gujarat Haryana Himachal Pradesh Jammu & Kashmir Karnataka Kerala Madhya Pradesh Maharashtra Manipui Meghalaya Mizoram Nagaland	(mil fuelwing) 994-95 1 3 3.62 0.05 0.44 0.50 19.31 7.72 12.44 0.05 0.11 76.04 24.33 0.12 0.44	1995-96  4  5.42  0.05  0.44  0.59  21.06  8.92  12.30  0.05  0.11  82.52  26.97  0.12  0.50	1996-97 5 5.79 0.24 0.05 0.44 0.76 23.32 9.22 12.89 0.21 0.15 0.11 93.13 28.66 0.16 0.64	0.03 0.03 0.01 0.03 0.01 0.03 0.01 0.03 0.01 0.05 0.07 0.03 0.07 0.62 0.35 0.05	7 0.36 0.12 0.06 0.09 0.01 0.24 0.15 0.11 0.15 0.04 0.17 0.63 0.41 0.05 0.13	0) mps 1996-97  8 0.46 0.12 0.07 0.17 0.01 0.26 0.20 0.18 0.19 0.06 0.28 0.63 0.41 0.06 0.14	9 2400 23 1104 590 400	95-96 19 10 1700 1 162	11	per year tuelwood  4-95 1995-6  2 13  12 73532  82 188  84 8032  35 21548  75 170  49 63897  54 5803  82 4650  48 4650  48 4650  48 4650  49 63124  17 62124  10 54386  94 440  - 155  10 310  564	10 of saved) 10 1996-97 14 46255 83 18113 4284 505 60022 7092 4030 607 80984 10605 64473 46735 623	15 62.10 1.35 4.05 9.45 1.35	1600 kwf 5 1995-96 16 249.75 21 60 35 10 2.70 2.70 5.40 28.35 79.65 4.05	h) 1996-97

1	2	3	4	5	6	7	8	9	16	11	12	10	14	15	16	17
20	Rajasthan	18.22	19.54	20.00	0.74	0 77	0. <b>7</b> 7	-			16039	13134	5793	4.05	51.30	133.65
20 21.	Sikkin:	0.01	0.01	0.01	0.02	0.02	0.02	-			517	694	623	•	-	-
21.	Tamii Nadu	0.80	0.81	0.81	0.24	0.27	0.28		40	-	29127	24372	12071	43,20	206.55	486.00
23	Tripura				0.18	0.18	0.20	-	-	-	108	257	269	-	-	•
	Uttar Fradesh	15.55	16.76	19:16	1.23	1.95	2.49	150			49195	49048	50037		6.75	54.00
24. 25	West Bengal	1 46	1.82	3.27	0.16	0.20	0.24			500	37131	<b>437</b> 37	39032	-	18.90	22.95
26.	Andaman & Nicobar	0 04	0.96	0 06	0.21	0.23	0.25		-		15	15	21	•	6.75	6.75
27	Chandigart	0.70	0.81	0.81	-			-	-		31	15	÷	-	-	9.45
28	Dadra & Nagar Haveli	0.05	0 05	0.05			•		-		-	9	6		1.35	1.35
29	Daman & Diu		-			-	•	-	-		-	-		-	-	-
30	Delhi	18.59	18.59	16.65	0.04	0.08	0.11	-	-	-	18	21	9	•	10.80	32.40
31.	Lakshadweep			-	0.06	0.09	0.09	-	-	-	-	,	•	•	-	-
32	Pondicherry			0.04		-	-	-	-	-		6	3	5.40	18.90	18. <b>90</b>
33	Others		-	-	**	-		-	•	-			-		-	

Kwh- Kilo watt hour, SPV = Solar Photovollaic, Kw = kilo watt.

#### Statement-IV

Year-wise break-up of proposed physical targets under National Project on Biogas Development and Community/ Institutional Biogas Plants Programme during the Ninth Five Year Plan (1997-2002)

S.No. Programme	Physical target of 9th Five Year Plan							
5.140: Flogramme	1997-98	1998-99	1999-2000	2000-2001	2001-2002			
National Project on     Biogas Development	2.20	2.65	2.90	3.25	3.50			
(in-lakhs)			400	500	500			
<ol> <li>Community and Institutional</li> </ol>	250	350	400	300				
Biogas Plants								
Programme								
(No. of Plants)			and the second s	W. C. Communication of the Com	and the second s			

## Demand and Import of Nickel

\*492. SHRI ANCHAL DAS: Will the Minister of COM-MERCE be pleased to state:

- (a) the details of domestic requirement of nickel in the country and the total quantity of nickel imported during each of the last three years upto March 31, 1997, yearwise and country-wise;
- (b) whether the Government have laid down any pre-condition for transfer of technology of extracting nickel from ore in the modern method while importing nickel;

if so, the details thereof; and

if not, the reasons therefor and the steps taken Government in this regard?

THE MINISTER OF STATE OF THE MINISTRY OF COMMERCE (SHRI BOLLA BULLI RAMAIAH): (a) The entire domestic demand of nickel is met by imports. The imports of nickel (ore, concentrate, alloys and scrap) during 1993-94 to 1995-96 are given below:

(Qty: tonnes)

Year	Nickel (Ore/Conc.)	Neckel (Alloys & Scrap)			
1993-94	1827	7650			
1994-95	2075	10907			
1995-96	1983	12550			

Statistics of imports for the year 1996-97 are being collected. The country-wise import statistics of nickel (ores