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Power and Energy

INDIGENOUS PRODUCTION OF PRIMARY ENERGY SOURCES											
Sl.	Item	Unit	1953-54	1960-61	1965-66	1970-71	1975-76	1980-81	1985-86	1990-91	1995-96
1	Coal	Mill tonnes	36.70	46.70	67.70	72.90	99.70	113.90	154.20	211.73	270.13
2	Lignite	Mill tonnes	-	-	2.60	3.40	3.00	5.10	8.00	13.77	22.14
3	Crude Oil	Mill tonnes	0.30	0.40	3.50	6.80	8.40	10.50	30.20	33.00	35.20
4	Natural Gas	BCM	N.A.	N.A.	N.A.	1.40	2.40	2.40	8.10	10.64	16.99
5	Hydro Electricity	Bkwh	2.90	7.80	15.20	25.20	33.30	46.50	51.00	71.70	72.50
6	Nuclear Electricity	Bkwh	-	-	-	2.40	2.60	3.00	5.00	6.10	8.00
* Provisional											
NOTE: Figures relate to financial year 1 April to 30 March.											
Source: 1) Department of Coal 2) Ministry of Petroleum and Natural Gas 3) Central Electricity Authority, Ministry of Energy 4) C.S.O.											

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TABLE 5.4 : AVAILABILITY OF CRUDE PETROLEUM									
Sl.	Item	1960-61	1965-66	1970-71	1975-76	1980-81	1985-86	1990-91	1995-96
1.	Indegenous production of Crude	448	3473	6822	8448	10507	30618	33021	35349
2.	Imports (net)	5709	6844	11683	13624	16248	14616	20699	23251
3.	Availability of petroleum (1+2)	6157	10317	18505	22072	26755	45234	53720	58600
4.	Crude processed in the refineries	6130	10233	18379	22283	25836	42910	51772	58599

(Source: Planning Commission)

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TABLE 5.5 : CONSUMPTION OF PETROLEUM PRODUCTS

Sl. Item	Thousand tonnes							
	1960-61	1965-66	1970-71	1975-76	1980-81	1985-86	1990-91	1995-96
1. Light distillates	983	1370	2697	3596	4388	6776	9801	13540
2. Middle distillates	4297	6197	9040	11653	17056	23948	33106	46130
3. Heavy ends	2705	4351	6175	7198	9452	10148	12128	15050
4. Refinery boiler fuel	300	520	1223	1226	1365	2491	2710	3629
5. Total (1 to 4)	8285	12438	19135	23673	32261	43363	57745	78349

(Source: Planning Commission)

Transport

TABLE 6.1:RAILWAYS

Sl. No.	Item	Unit	1950-51	1960-61	1970-71	1980-81	1985-86	1990-91	1995-96
1.	Routes thousand kilometers	Th. Km	53.6	56.3	59.8	61.2	61.8	62.4	62.9
2.	Goods originating	Mil. tonnes	93	156.2	196.5	220	286.4	341.4	404.9
3.	Goods carried (billion tonnes Km)	Bil. ton-km	44.1	87.1	127.4	158.5	205.9	242.7	273.7
4.	Passenger originating	Millions	1284	1594	2431	3613	3433	3858	4038
5.	Passenger Kms.	Billion Km.	66.5	77.7	118.1	208.6	240.6	295.6	341.9
6.	Total no. of locomotives in service	Nos.	8209	10624	11158	10908	9919	8417	6909
7.	Total no. of coaches in service	Nos.	196928	28439	35145	38333	38277	38511	39104
8.	total no. of wagons in service	Nos.	205596	307907	383990	400946	359617	346102	280791
9.	Gross earnings	Mil. Rs.	2630.1	4568	10067	26240.2	64281.0	11391.7	21414.9
10.	Passenger earnings	Rs. crore	98.2	131.66	295.5	827.477	1718.4	3144.7	6124.5
11.	Electrification	Route Th. Kms.	0.388	0.748	3.706	5.345	6.5	10	12.3

Source: Facts & Figures 1986-87; Indian Railway Year Book 1995-96; Ministry of Railway; & Economic Survey 1996-97

Transport

Table 6.2: Operations of Road Transport

SL. NO.	ITEM	Unit	1950-51	1960-61	1970-71	1980-81	1985-86	1990-91	1994-95
1.	Length of the Roads:								
	Total	Th. Kms.	400.0	524.0	918.0	149.0	1726.0	2037.0	2884.0
	Surfaced	Th. Kms.	157.0	263.0	398.0	684.0	825.0	1001.0	N.A.
2.	Length of National Highways:								
	Total	Th. Kms.	22.0	24.0	24.0	32.0	32.0	33.7	34.1
	Surfaced	Th. Kms.	22.0	21.0	23.0	32.0	32.0	33.7	34.1
3.	Length of State highways:								
	Total	Th. Kms.	N.A.	N.A.	57.0	94.0	100.0	127.0	135.3
	Surfaced	Th. Kms.	N.A.	N.A.	52.0	92.0	97.0	122.0	N.A.
4.	Number of Registered vehicles:								
	All vehicles	000 Nos.	306	665.0	1865.0	5336.0	10489.0	21310.0	30287.0
	Goods vehicle	000 Nos.	82.0	168.0	343.0	542.0	848.0	1411.0	1796.0
	Buses	000 Nos.	34.0	57.0	94.0	159.0	223.0	333.0	425.0
5.	Revenue from road transport:								
	Centre	Rs. Crore	35.0	112.0	452.0	1423.0	2461.0	4596.0	6918.2
	State	Rs. Crore	13.0	55.0	231.0	750.0	1553.0	3035.0	4424.7

(Source: Ministry of Transport; Economic Survey 1996-97)

Communication and broadcasting

Table 7.1 : Telecommunications

S.N.	Item	UNIT	1948	1958	1968	1978	1988	1997
1	Telephone Exchange	Nos	321	1099	3161	6238	12960	22200
2	Equipped Capacity	Lakh Lines	1	2.56	9.4	20.17	43.29	177.42
3	Direct Exchange Lines	-do-	0.86	2.13	7.44	17.27	38	145.43
4	Telephone Stations	Nos(Lakh)	1.68	3.35	10.17	22.47	47.56	153.94
5	Public Call Offices (PCOs)	Nos	Nil	2126	5679	10000	50700	345178
6	Long Distance Public Telephones (LDPTs)	Nos	338	800	2708	8883	26600	267832
7	Trunk Automatic Exchange (TAX)	Nos	Nil	Nil	1	17	46	347
8	Point to Point Subscriber Trunk	Nos	Nil	Nil	16	114	226	Nil
	Dialling (STD) routes							
9	Station Connected on National Subscriber Dialling (NSD) Network	Nos	Nil	Nil	Nil	88	497	13220
10	Effective Trunk Calls	Lakh Nos	40	231	629.6	1550	2091	543.26 (Excluding)
11	Telex Exchanges	Nos	Nil	Nil	24	101	247	418
12	Telex Capacity (Lines)	Nos	Nil	Nil	3800	19900	46466	60856
13	Telex Connections (Nos)	Nos	Nil	Nil	2270	14600	37321	31841
14	Public Telegraph Offices	Nos	3324	10723	13539	25053	37797	39714 (Provisional)
15	Radio Relay System (M/W & Ultra High Frequency(UHF))	Route Nos	Nil	Nil	2140	13410	40311	11726
16	Coaxial Cable System	-do-	Nil	Nil	4877	13758	22385	30968
17	Satellite Stations	Nos	Nil	Nil	Nil	Nil	62 (+13 Mobile)	235
18	Optical Fibre	R.Kms	Nil	Nil	Nil	Nil Nil		52432

* : Approximate

** : As on 1st April of the Year.

Source : Department of Telecommunications.

Communication and broadcasting

Post						
Year	Rural Post Office	Urban Post Offices	Night Post Offices	Mail Routes (Kms000)	Savings Accounts (Rs Crore)	Savings Certificates (Rs millions)
1.	2.	3.	4.	5.	6.	7.
1950-51	30810.00	5284.00	-	272.00	185.60	-
1955-56	48498.00	6544.00	-	391.00	293.50	-
1960-61	69513.00	7326.00	-	547.00	434.06	456.92
1965-66	88023.00	8913.00	-	675.00	680.71	742.72
1970-71	98835.00	10224.00	11.00	704.00	1177.05	888.49
1975-76	106424.00	12057.00	131.00	949.00	2890.95	8802.04
1980-81	124689.00	14535.00	176.00	1258.00	5813.76	15331.61
1985-86	128810.00	15586.00	176.00	1445.00	11451.80	98870.20
1990-91	132646.00	16073.00	165.00	1494.00	16788.75	33320.08
1995-96	136074.00	16707.00	172.00	1774.00	29877.11	619176.80
* Relates to 1983-84						