

The phosphatic and potassic fertilizers were decontrolled w.e.f. August, 1992. The demand and supply of decontrolled fertilizers, which are governed by market

forces, are reflected in their consumption levels. The year-wise consumption of phosphatic and potassic fertilizers, in terms of nutrients, from 1991-92 onwards is given below:

	Phosphatic Fertilizers (In Lakh Tonnes)	% age rise/fall relative to the previous year	Potassic Fertilisers (In Lakh Tonnes)	% age rise/fall relative to the previous year
1991-92	33.21		13.61	
1992-93	28.44	(-) 14.36	8.84	(-) 35.05
1993-94	26.69	(-) 6.15	9.08	2.71
1994-95	29.32	9.85	11.25	23.90
1995-96	15.02		6.06	

(Kharif)

(d) The imports of fertilizers during 1995-96, till date, are given below:

	(In Lakh Tonnes)
	1995-96
Urea (Till January, 1996)	32.63
MOP (Till December, 1995)	17.02
DAP (Till December, 1995)	14.07

It is not possible to give projections of import of urea for the coming years as it depends upon a variety of factors, such as trends of indigenous production and consumption of fertilizers in the country, the behaviour of prices in the international market, the global demand and supply position, etc.

(e) Of the three main fertilizer nutrients required for agriculture, namely, nitrogen, phosphate and potash, indigenous raw materials are available mainly for nitrogen. The policy of self-sufficiency in fertilizers, therefore, has relevance in the context of nitrogenous fertilizers, which are largely based on indigenous feedstock. At present, the country is self sufficient to the extent of about 84% in the case of nitrogen.

The projects under implementation are expected to add a capacity of 15.79 lakh tonnes of nitrogen by the year 1997-98.

As regards phosphate, the constraints in domestic availability of raw materials do not permit self-sufficiency in production. Since indigenous rock phosphate supplies only meet about 5% of the total requirement, phosphatic fertilizers produced in the country are substantially based on imported raw materials and intermediates. Moreover, because of these inherent handicaps, the cost of production of indigenous phosphatic fertilizers is generally high in relation to the imported finished products. At present, the import dependence in respect of finished phosphatic fertilizers is to the extent of 13%. The projects under implementation are expected to add 0.31 lakh tonnes of phosphate production capacity by the year 1997-98.

There are no known and commercially exploitable reserves of potash in the country and per force the entire requirement of these fertilizers is met through imports. Apart from direct application, imported potash is used by the indigenous manufacturers for making complex fertilizers.

Requirement and Production of Power

1334. DR. VISWANATHAM KANITHI :
 DR. K.V.R. CHOWDARY :
 SHRI VISHWESHWAR BHAGAT :
 SHRIMATI SUSEELA GOPALAN :
 SHRI BRAJA KISHORE TRIPATHY :
 SHRI NITISH KUMAR :
 DR. MAHADEEPAK SINGH SHAKYA :
 SHRI A. INDIRAKARAN REDDY :
 SHRI HARISINH CHAVDA :
 SHRI N.K. BALIYAN :
 DR. SATYNARAYAN JATIYA :
 DR. MUMTAZ ANSARI :
 SHRI CHANDRESH PATEL :
 SHRI RATILAL VARMA :
 SHRIMATI VASUNDHARA RAJE :
 SHRIMATI SHEELA GAUTAM :

Will the Minister of POWER be pleased to state:

- (a) the requirement of power as on January 31, 1996, State-wise;
 (b) the installed capacity of each power project as on January 31, 1996 State-wise;
 (c) the total power being made available to each State from power plants situated in the concerned State and the power being supplied from power plants in other States, State-wise;
 (d) the target set up for production of power during the Eighth Plan, State-wise; and

(e) the steps being taken to meet the full requirement of each State and the time schedule fixed to achieve this target alongwith the total investment involved therein?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI URMILABEN CHIMANBHAI PATEL):

(a) State-wise energy requirement during January, 1996 is given in the attached Statement-I.

(b) Station-wise and State-wise capacity as on 31-01-96 is given in the attached Statement-II.

(c) The required information is given in the attached Statement-III.

(d) The State-wise capacity addition target during the Eighth Plan is given in the attached Statement-IV.

(e) Various measures taken to improve the availability of power in the country include expediting commissioning of new generating capacity, implementation of short-gestation projects, improving the performance of existing power stations, reduction in transmission and distribution losses, implementation of better demand management and energy conservation measures, transfer of energy from surplus to deficit areas etc.

STATEMENT I

State-wise energy requirement for the month of January, 1996

Region/State/System	Requirement (MU)
1	2
NORTHERN REGION	
Chandigarh	72
Delhi	1100
Haryana	1075
Himachal Pradesh	216
Jammu & Kashmir	440
Punjab	1425
Rajasthan	1860
Uttar Pradesh	3350
Total N.R.	9538
WESTERN REGION :	
Gujarat	3240
Madhya Pradesh	3250
Maharashtra	5075
Goa	104
Total W.R.	11369
SOUTHERN REGION :	
Andhra Pradesh	3550
Karnataka	2265
Kerala	965
Tamil Nadu	2865
Total S.R.	9645

1	2
EASTERN REGION :	
Bihar	850
D.V.C	695
Orissa	920
West Bengal	1200
Total E.R.	3665
NORTH-EASTERN REGION :	
Arunachal Pradesh	13.4
Asssam	230.9
Manipur	39.0
Meghalaya	39.1
Mizoram	16.0
Nagaland	16.2
Tripura	34.4
Total N.E.R.	389.0
All India	34606.0

STATEMENT II

State-wise/system-wise capacity as on 31st January 1996

State/System/Station	Capacity (MW)
1	2
BBMB	
Bhakra	1200.0
Ganguwal	77.5
Kotla	77.5
Dehar	990.0
Pong	360.0
DELHI	
I.P. Station	277.5
Rajghat-II	135.0
Rajghat	14.0
DESU G.T.	231.0
CENTRAL SECTOR	
Badarpur	705.0
HARYANA	
Faridabad	165.0
Panipat	650.0
Western Yamuna	48.0
HIMACHAL PRADESH	
Bassi	60.0
Giri Bata	60.0

1	2
Others	22.9
Sanjay Bhaba	120.0
CENTRAL SECTOR	
Baira Siul	180.0
Chamera	540.0
JAMMU & KASHMIR	
Pampore G.T.	175.0
Lower Jhelam	105.0
Chenani	23.8
Upper Sindh	22.6
Others	26.6
CENTRAL SECTOR	
Salal	690.0
PUNJAB	
Ropar	1260.0
Bhatinda	440.0
U.B.D.C.	90.0
Shanan	110.0
Mukheriyar	207.0
Anandpur Sahib	134.0
RAJASTHAN	
Kota	850.0
Ramghar G.T.	3.0
R.P.Sagar	172.0
Jawahar Sagar	99.0
Mahi Bajaj	140.0
Others	19.0
CENTRAL SECTOR	
Anta G.T.	413.0
R.A.P.S.	300.0
UTTAR PRADESH	
Obra	1482.0
Panki	274.0
H'Ganj A	90.0
H' Ganj B	425.0
Paricha	220.0
Anpara	1630.0
Tanda	330.0
Others	10.0
Rihand (H)	300.0
Obra Hydrel	99.0
Ram Ganga	198.0

1	2
Matatila	30.0
Khatima	41.4
Ganga Canal	45.2
Dhakrani	33.8
Dhalipur	51.0
Kulhal	30.0
Chibro	240.0
Khodri	120.0
Chilla	144.0
Maneri Bhali	90.0
Khara	72.0
CENTRAL SECTOR	
Singrauli	2000.0
Rihand	1000.0
Auraiya G.T.	652.00
Unchahar	420.0
Dadri (NCTPP)	840.0
Dadri G.T.	817.0
N.A.P.S.	440.0
Tanakpur	120.0
GUJARAT	
Dhuvaran	534.0
Ukai	850.0
Gandhi Nagar	660.0
Utran	39.0
Utran G.T.	144.0
Wanakbori	1260.0
Sikka Replacement	240.0
Kutuch Lignite	140.0
Dhuvaran G.T.	54.0
Ukai (H)	305.0
Kadana	120.0
A.E. Co.	179.0
Sabarmati	330.0
G.I.P. Co.	145.0
CENTRAL SECTOR	
Kawas G.T.	644.0
Gandhar G.T.	648.0
K.A.P.S.	440.0
MADHYA PRADESH	
Satpura	1142.5
Kobra II	160.0

1	2
Kobra III	240.0
Kobra West	840.0
Amarkantak	50.0
Amarkantak Ext.	240.0
Sanjay Gandhi	420.0
Gandhi Sagar	115.0
Bargi + Hasdobango	210.0
Pench	160.0
Bansagar	315.0
Birsinghpur	20.0
CENTRAL SECTOR	
Kobra STPS	2100.0
Vindhyachal	1260.0
MAHARASHTRA	
Nasik	910.0
Koradi	1080.0
Khaper Kheda II	420.0
Paras	58.0
Bhusawal	478.0
Parli	690.0
Chandrapur	1840.0
Uran G.T.	672.0
Uran WHRP	240.0
Koyna	920.0
Vaiterna	60.0
Tillari	60.0
Bhira Tail Race	80.0
Others	140.8
Trombay	1150.0
Trombay GT 1	180.0
Dhanu	500.0
Khopili	72.0
Bhivpuri	72.0
Bhira	132.0
CENTRAL SECTOR	
T.A.P.S.	320.0
ANDHRA PRADESH	
KothGudem	670.0
Vijayawada	1260.0
Ramagundem B	62.5
Nellore	30.0
Vijeswaram	99.0
Rayalseema	420.0

1	2
Machkund	114.7
T.B Dam	72.0
Upper Silleru	180.0
Lower Silleru	460.0
Nagarjuna Sagar	810.0
Nagarjuna Sgr.R	90.0
Nagarjuna Sgr.L	60.0
Donkarai	25.0
Srisailam	770.0
Others	57.0
CENTRAL SECTOR	
Ramagundem STPS	2100.00
KARNATAKA	
Raichur	840.0
Saravathy	891.0
Jog	120.0
Kalindi	810.0
Kalindi SUPA	100.0
Bhadra	33.2
Lingnamakki	55.0
Shivasamundram	42.0
Shimsha+Mallapur	26.2
Munirabad	27.0
Ghatprabha	32.0
Varahi Dam	239.0
Shivpura	18.0
KERALA	
Kuttiadi+Kallada	90.0
Sholayar	54.0
Poringalkuthu	32.0
Pallivasa	37.5
Sengulam	48.0
Panniar	30.0
Nariamangalam	45.0
Idduki	780.0
Sabarigiri	300.0
Idamalayar	75.0
Maniyar	4.0
TAMIL NADU	
Ennore	450.0
Tuticorin	1050.0
Mettur	840.0

1	2
North Madras	420.0
Nariman G.T.	10.0
Pyakara Dam	72.0
Moyar+L.Bhavan	44.0
Kundah I-V	555.0
Mettur	240.0
Alliyar	60.0
Sholayar I-II	95.0
Sarkarpathy	30.0
Periyar	140.0
Surliyar	35.0
Papanassam	28.0
Kodayar I-II	100.0
Servalar+Vagai	26.0
Lower Mettur	120.0
Kadamparai	400.0
CENTRAL SECTOR	
Neyveli	595.0
Neyveli M/C	1470.0
M.A.P.S.	440.0
BIHAR	
Patratu	770.0
Barauni	310.0
Muzaffarpur	220.0
Tenughat	210.0
KOSI+W. Canal	31.7
Subernarekha	130.0
CENTRAL SECTOR	
Kahalgauon	630.0
D.V.C.	
Chandrapura	750.0
Durgapur	350.0
Bokaro	820.0
Mejia	210.0
Matihon G.T.	90.0
Panchet	80.0
Tillaiya	4.0
Matihon	60.0
ORISSA	
I.B.Valley	210.0
Balimela	360.0
Hirakud	307.5
Rengali	250.0

1	2
Upper Kolab	320.0
CENTRAL SECTOR	
Talcher	460.0
Talcher STPS	500.0
WEST BENGAL	
Bandel	530.0
Santalidih	480.0
Gas Turbines	60.0
Small Hydro	41.3
Kolaghat	1260.0
D.P.L.	390.0
Mulajore	60.0
New Cossifore	130.0
Titagarh	240.0
Southern Repl.	135.0
Kasba G.T.	40.0
CENTRAL SECTOR	
Farakka STPS	1600.0
SIKKIM	
Small Hydro	24.0
ASSAM	
Chandrapur	60.0
Namrup	30.0
Namrup G.T.	81.5
Namrup W/H	22.0
Bongaigaon	240.0
Gas Turbines	141.0
MANIPUR	
Loktak	105.0
CENTRAL SECTOR	
Kathalguri NEPCO	134.0
MEGHALAYA	
Kyrdemkulai	60.0
Umaim	114.0
Umtru	11.2
Khondong	50.0
Kopili	100.0
ARUNACHAL PRADESH	
Tago	4.5
TRIPURA	
Gas Turbine	48.5
Gumti	15.0

STATEMENT III*Total Energy Availability for the Month of January, 1996.*

(All figures in net MU)

State	Own generation (include share from common project) (a)	Drawal from central stations (b)	Net assistance [(+) Import (-) Export] (c)	Total Availa- bility (a+b+c) (d)
NORTHERN REGION :				
Chandigarh	53.7	17.0	(+)0.3	71
Delhi	537.2	528.1	(+)5.7	1071
Haryana	482.4	505.2	(+)3.4	991
H.P.	76.7	114.8	(+)24.5	216
J & K	60.9	242.4	(+)4.7	308
Punjab	1022.2	378.7	(-)10.9	1390
Rajasthan	863.8	892.5	(+) 13.7	1770
U.P	1833.3	1115.8	(-)8.1	2941
WESTERN REGION :				
Gujarat	2188.4	781.0	(+)3.6	2973
M.P.	1641.1	1026.8	(+)13.1	2681
Maharashtra	4042.2	897.2	(+)0.6	4940
Goa	0.0	103.5	0.0	104
SOUTHERN REGION :				
Andhra Pradesh	1888.9	722.4	(+)68.7	2680
Karnataka	1060.4	461.4	(+)47.2	1569
Kerala	516.8	246.2	0.0	763
Tamil Nadu	1857.5	615.5	0.0	2473
EASTERN REGION :				
Bihar	234.3	369.9	(+)1.8	606
D.V.C.	570.1	122.0	(-)7.1	685
Orissa	682.7	239.8	(-)12.5	910
West Bengal	1069.4	171.3	(-)69.7	1171
NORTH-EASTERN REGION :				
Arunachal Pradesh	3.6	5.0	0.0	8.6
Assam	107.8	99.3	(+)15.9	223.0
Manipur	0.5	28.3	(+)9.8	38.6
Meghalaya	45.5	0.0	(-)6.4	39.1
Mizoram	1.1	13.9	(+)1.0	16.0
Nagaland	0.8	15.1	(+)0.3	16.2
Tripura	19.1	13.4	0.0	32.5

STATEMENT IV*Capacity Addition Target for 8th Plan (1992-97)*

Region/State/UT	Hydro (MW)	Thermal (MW)	Nuclear (MW)	Total (MW)
Haryana	22.0	210.0	0.0	232.0
H.P.	27.0	0.0	0.0	27.0
J & K	111.8	100.0	0.0	211.8
Punjab	300.0	630.0	0.0	930.0
Rajasthan	0.0	213.0	0.0	213.0
U.P.	497.5	1110.0	0.0	1607.5
Chandigarh	0.0	0.0	0.0	0.0
Delhi	0.0	762.0	0.0	762.0
Central Sector	2755.0	2891.0	220.0	5866.0
Total (NR)	3713.3	5916.0	220.0	9849.3
Gujarat	352.0	268.0	0.0	620.0
M.P.	1091.0	1260.0	0.0	2351.0
Maharashtra	1144.5	1960.0	0.0	3104.5
Goa	0.0	0.0	0.0	0.0
Dadra & Nagar Haveli	0.0	0.0	0.0	0.0
Central Sector	0.0	1153.0	440.0	1593.0
Total (WR)	2587.5	4641.0	440.0	7668.5
Andhra Pradesh	463.6	840.0	0.0	1303.6
Karnataka	580.0	416.0	0.0	996.0
Kerala	271.0	0.0	0.0	271.0
Tamil Nadu	15.5	750.0	0.0	765.5
Pondicherry	0.0	22.5	0.0	22.5
Central Sector	0.0	630.0	440.0	1070.0
Total (SR)	1330.1	2658.5	440.0	4428.6
Bihar	56.9	920.0	0.0	976.9
Orissa	736.0	840.0	0.0	1576.0
West Bengal	117.5	920.0	0.0	1037.5
D.V.C.	0.0	840.0	0.0	840.0
Sikkim	12.0	0.0	0.0	12.0
Central Sector	60.0	2630.0	0.0	2690.0
Total (ER)	982.4	6150.0	0.0	7132.4
Assam	126.0	420.0	0.0	546.0
Manipur	0.0	0.0	0.0	0.0
Meghalaya	60.0	0.0	0.0	60.0
Nagaland	24.0	0.0	0.0	24.0
Tripura	0.0	16.0	0.0	16.0
Arunachal Pradesh	10.3	0.0	0.0	10.3
Mizoram	3.6	0.0	0.0	3.6
Central Sector	445.0	354.0	0.0	799.0
Total (NER)	668.9	790.0	0.0	1458.9
A & N Islands	0.0	0.0	0.0	0.0
Lakshadweep	0.0	0.0	0.0	0.0
All India	9282.2	20155.5	1100.0	30537.7
State Sector	5854.2	10477.5	0.0	16331.7
Private Sector	168.0	1180.0	0.0	1348.0
Central Sector	3260.0	8498.0	1100.0	12858.0
All India	9282.2	20155.5	1100.0	30537.7