

[English]

**Requirement and Availability of Power  
In Country**

2045. PROF. MAHADEO  
SHIWANKAR:  
SHRI GOPI NATH GAJAPA-  
THI:  
SHRI RAM PRASAD  
CHAUDHARY:  
SHRIMATI VASUNDHARA  
RAJE:

Will the Minister of ENERGY be pleased  
to state:

(a) the total demand of electricity in the  
country and the total energy available from

existing power plants;

(b) the details of the plans on going  
power projects to supplement additional  
electricity during the current Plan in various  
phases; and

(c) the quantum of additional power  
likely to be provided to each State thereby?

THE MINISTER OF STEEL AND MINES  
AND MINISTER OF LAW AND JUSTICE  
(SHRI DINESH GOSWAMI): (a) During the  
period April-July, 1990, the energy require-  
ment in the Country was 86303 Million Units  
(MUs), against which the availability was  
79744 Million Units (MUs).

(b) and (c). The requisite information is  
given in the statement given below.

*Sanctioned Schemes for Synchronisation During VIII Plan & Beyond*

<i>Name of the Project Region/State</i>	<i>Total Installed Capacity (MW)</i>
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*Northern Region**Haryana*

Dadupur	10.00
Panipat U-6	210.00
<b>Total Haryana</b>	<b>220.00</b>

*Himachal Pradesh*

Baner	12.00
Gaj	10.50
Larji	126.00
Garvi	22.50
Thirot	4.50
UHL-III	70.00
<b>Total HP</b>	<b>245.50</b>

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<i>Name of the Project Region/State</i>	<i>Total Installed Capacity (MW)</i>
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*Punjab*

Thein Dam	600.00
UBDC II	45.00
Dhariwal	3.00
Ropar St. III	420.00
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Total Punjab	1068.00

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*Uttar Pradesh*

Vishnu Prayag	480.00
Lakwar Vyasi	300.00 120.00
Maneri II	304.00
Srinagar	330.00
Sobla	6.00
Kanchauti	2.00
Kulagad	1.20
Kotabagh	0.20
Anpara "B"	1000.00
Unchahar Ext.	420.00
Tanda Unit-4	440.00
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Total Uttar Pradesh	3403.40

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*Rajasthan*

Jakham	5.50
Mahi RMC	0.80

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<i>Name of the Project Region/State</i>	<i>Total Installed Capacity (MW)</i>
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Etawah	0.50
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Birsalpur	0.91
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Charanwal	1.20
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Pugal	1.50
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Kota Unit-5	210.00
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Ramgarh GT	3.00
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Total	223.41
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*Jammu & Kashmir*

Upper Sindh St. II	70.00
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Upper Singh II U-3	35.00
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Kargil	3.75
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Pahalgam	3.00
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Total J & K	111.75
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*Central Sector*

Dulhasti	390.00
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Chamera I	540.00
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Tehri	1000.00
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Tanakpur	120.00
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Naphajhakri	1500.00
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URI	345.00
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Salal II	345.00
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NCTPP	840.00
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<i>Name of the Project Region/State</i>	<i>Total Installed Capacity (MW)</i>
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Dadri CCGT	525.00
	292.00

RAPP Ext.	770.00
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NAPP	470.00
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Total CS	6972.20
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*Western Region*

Gujarat/MP/MAH.	1200.00
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Sardar Sarovar	250.00
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*Gujarat*

Kadana PSS II	120.00
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Panam Canal	2.00
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Dharoi RB & RBC	2.00
	0.60

Damanganga	1.00
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Kutch Lignite	140.00
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Gandhinagar Ext.	210.00
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Sikka Ext.	120.00
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Kutch Lignite Ext.	70.00
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Total Gujarat	665.60
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*Madhya Pradesh*

Birsingpur	20.00
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Hasdeo	120.00
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Bodhghat	500.00
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<i>Name of the Project Region/State</i>	<i>Total Installed Capacity (MW)</i>
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Bansagar Tons	315.00
	30.00
	60.00

Tawa LBC	12.00
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Bhimgarh	2.40
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Warna	1.50
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Narmadasagar	1000.00
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Birsingpur	420.00
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Birsingpur Ext.	420.00
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Pench	420.00
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Total Madhya Pradesh	3320.00
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*Maharashtra*

Bhandardara	10.00
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Ujjani	34.00
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Manikdoh	12.00
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Kanher	6.00
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Surya	4.00
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Dimbee	5.00
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Warna	16.00
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Koyna St. IV	1000.00
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Dudhganga	24.00
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Surya RBC	0.75
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Mazelgaon	2.25
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<i>Name of the Project Region/State</i>	<i>Total Installed Capacity (MW)</i>
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Karanjwan	3.00
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Chanderpur U 5&6	1000.00
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Khaperkheda Extn.	480.00
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Uran WH U-1, 2 & 3	360.00
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Total Maharashtra	2903.00
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*Goa*

Anjunem	1.20
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Selaulia	2.00
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Total Goa	3.20
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*Central Sector*

Kawas Gas CCGT	400.00
	200.00

Kakrapara	470.00
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Vindhyachal	1260.00
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Total CS	2330.00
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*Southern Region**Andhra Pradesh*

Balimela	60.00
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Upper Sileru II	120.00
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Srisaillam LBPH	990.00
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Penna Ahobilan	20.00
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Nagarjuna Sagar LBC	60.00
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Guntur Canal	4.00
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<i>Name of the Project Region/State</i>	<i>Total Installed Capacity (MW)</i>
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Muddanur	420.00
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Vijjeswaram CCGT	99.00
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Total AP	1773.00
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***Karnataka***

Ghatprabha	32.00
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Kalinadi II	120.00 150.00
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Shivpur	150.00
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Mallapur	18.00
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Varahi	9.00 230.00
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Gangawali	9.00
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Sharavathy TR	210.00
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Madur Canal	1.50
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Raichur U- 3 & 4	420.00
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Diesel Sets	78.00
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Bangalore DG	128.00
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Total Karnataka	1645.00
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***Kerala***

Kakkad	50.00
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Lower Periyar	180.00
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Madupatti	2.00
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Malaipuzha	2.50
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<i>Name of the Project Region/State</i>	<i>Total Installed Capacity (MW)</i>
Muvattapuzha	6.00
Chimoni	2.50
Puyankutty	240.00
Kallada	15.00
Pippara	3.00
Poringalkuthu	16.00
Kutiyadi	2.50
<b>Total Kerala</b>	<b>519.50</b>
<i>Tamil Nadu</i>	
Kundah V Extn.	30.00
Sathnur Dam	15.00
Pykara Ultimate	150.00
Lower Bhavani Micro	8.00
Tuticorin Extn.	420.00
North Madras	630.00
Basin Bridge GT	120.00
<b>Total Tamil Nadu</b>	<b>1373.00</b>
<i>Central Sector</i>	
Neyveli II Mine Ext.	840.00
Neyveli II Ext. U-O	210.00
Kaiga	470.00
<b>Total CS</b>	<b>1520.00</b>



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<i>Name of the Project Region/State</i>	<i>Total Installed Capacity (MW)</i>
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*Eastern Region**Bihar*

North Koel	24.00
Chandil	8.00
Tenu Bokaro	1.00
Sone Eastern Canal	3 30
Sone Western Canal	6 60
E. Gandak Canal	15 00
Tenughat	420 00
Tenughat Ext.	630 00
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Total Bihar	1107 90

*D V C.*

Bokaro "B" Extn.	420.00
Mejia	630.00
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Total DVC	1050 00

*Orissa*

Upper Indravati	600.00
Potteru	6.00
Rengali Extn.	150.00
Upper Kolab Extn.	80.00
IB TPS	840.00
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Total Orissa	1676.00

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<i>Name of the Project Region/State</i>	<i>Total Installed Capacity (MW)</i>
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*Sikkim*

Myangchu	4.00
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Upper Rongnichu	8.00
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Total Sikkim	12.00
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*West Bengal*

Ramman	50.00
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Teesta Fall I	22.50
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Teesta Fall II-IV	45.00
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CESC REP.	135.00
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Kolkata Extn.	630.00
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Bakreshwar	630.00
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Total WB	1512.50
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*Central Sector*

Koel Karo	690.00 90.00
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Farakka ST. II	1000.00
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Farakka St. III U-6	500.00
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Kahalgaon	840.00
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Talcher STPS	1000.00
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Total CS	4050.00
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*North-Eastern Region**Assam*

Lower Borpani	100.00
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<i>Name of the Project Region/State</i>	<i>Total Installed Capacity (MW)</i>
Dhansiri	19.95
Lakwa Waste Heat	22.00
Borgoiai	60.00
<b>Total Assam</b>	<b>261.95</b>
<b>Manipur</b>	
Thoubal	7.50
Booning	1.00
<b>Total Manipur</b>	<b>8.50</b>
<b>Meghalaya</b>	
Umiam Umtru	60.00
<b>Nagaland</b>	
Likimro	24.00
<b>Neepco</b>	
Doyang	75.00
Ranganadi	405.00
Garo Hills	60.00
Kaithalguri CC	270.00
<b>Total NEC</b>	<b>810.00</b>

*CEA Cleared Schemes for Synchronisation During 8th Plan & Beyond*

<i>Name of Scheme</i>	<i>Total Capacity (MW)</i>
<b>Northern Region</b>	
<b>H. P.</b>	
Kol Dam	800.00
<b>Total H. P.</b>	<b>800.00</b>

<i>Name of Scheme</i>	<i>Total</i>
<i>Jammu &amp; Kashmir</i>	
Rajouri	3.00
Chanani U-2 & 3	2.00
	4.00
Sewa St. III	6.00
Pampore I GT	100.00
<b>Total J &amp; K</b>	<b>115.00</b>
<i>Punjab</i>	
Shahpurkandi	94.00
S. Y. L. Canal	36.00
	14.00
UBDC III	30.00
Bhatinda TPS	420.00
<b>Total Punjab</b>	<b>594.00</b>
<i>Uttar Pradesh</i>	
Lohari Nagpala	282.00
Pala Maneri	400.00
Rajghat 50% Share	22.50
Khara HE	72.00
Babaii	3.00
<b>Total U. P.</b>	<b>779.50</b>
<i>Delhi</i>	
Desu Waste Heat	90.00
<b>Total-Delhi</b>	<b>90.00</b>

<i>Name of Scheme</i>	<i>Total</i>
<b>Central Sector</b>	
Sawalkote	450.00
Baglihar	300.00
Chamera II	280.00
Dhauliganga	1000.00
Tehri St. II	400.00
Koteshwar	1000.00
Rihand Extn.	840.00
Yamuna Nagar	240.00
Birsinghsar LIG.	300.00
Anta CCGT	130.00
<b>Total CS</b>	<b>5540.00</b>

**Western Region****Gujarat**

Vatwa CCGT	67.00 35.00
Utran CCGT	90.00 45.00
Gandhar CCGT	600.00
<b>Total Gujarat</b>	<b>837.00</b>

**CEA Cleared Schemes for Synchronisation During 8th Plan & beyond**

<i>Name of Scheme</i>	<i>Total Capacity (MW)</i>
Rajghat 50% Share	22.50

<i>Name of Scheme</i>	<i>Total Capacity(MW)</i>
Maheshwar	400.00
Total M. P.	422.50
<i>Maharashtra</i>	
Ghatghar PSS	250.00
Bhira PSS	150.00
Chanderpur U-7	500.00
Total Maharashtra	900.00
<i>Central Sector</i>	
Vindhyachal Extn.	1000.00
Chanderpur STPS	1000.00
Total CS	2000.00
<i>Southern Region</i>	
<i>Andhra Pradesh</i>	
Jalaput Dam (50%)	9.00
Total AP	9.00
<i>Kerala</i>	
Annakayam	8.00
Total Kerala	8.00
<i>Tamil Nadu</i>	
Paralayar	25.00
Total Tamil Nadu	25.00
<i>Pondicherry</i>	
Karaikal CCGT	15.00
	7.50
Total Pondicherry	22.50

<i>Name of Scheme</i>	<i>Total Capacity(MW)</i>
<b>Central Sector</b>	
Neyveli I MC Ext.	420.00
Mangalore TPS	420.00
Kayamkulam	420.00
<b>Total CS</b>	<b>1260.00</b>
<b>Eastern Region</b>	
<b>Orissa</b>	
Jalaput Dam (50%)	9.00
<b>Total Orissa</b>	<b>9.00</b>
<b>D.V.C.</b>	
Maithon RBC	840.00
<b>Total DVC</b>	<b>840.00</b>
<b>Central Sector</b>	
Ranjit II	60.00
North Karanpura	1000.00
<b>Total CS</b>	<b>1060.00</b>
<b>North-Eastern Region</b>	
<b>Assam</b>	
Gas Based TPS at Anguri	360.00
<b>Total Assam</b>	<b>360.00</b>
<b>Mizoram</b>	
Serlui	9.00

<i>Name of Scheme</i>	<i>Total Capacity(MW)</i>
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*Arunachal Pradesh*

Nuranang	6.00
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*NEEPCO & NHPC*

Rokhia GT	80.00
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Dhaleshwari PSS	120.00
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Kopili Ext.	100.00
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<b>Total CS</b>	<b>300.00</b>
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*New Schemes for Synchronisation During 8th Plan and Beyond*

<i>Name of Scheme</i>	<i>State</i>	<i>Total Capacity (MW)</i>
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*Northern Region*

Faridabad CCGT	NTPC/HAR	520.00 280.00
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WYC ST. III	Haryana	16.00
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<b>Total (NR)</b>		<b>816.00</b>
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*Western Region*

PIPAVAV CCGT	Gujarat	476.00 274.00
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Korba West II 5 & 6	M.P.	420.00
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BSES	Maharashtra	500.00
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Gandhar CCGT	NTPC/GUJ.	440.00 210.00
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<b>Total (MR)</b>		<b>2320.00</b>
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*Southern Region*

Singur	A.P.	15.00
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<i>Name of Scheme</i>	<i>State</i>	<i>Total Capacity (MW)</i>
Vishakhapatnam	A.P.	1000.00
Vijawada III	A.P.	420.00
Cochin CCGT	Kerala	60.00 30.00
Godavari CCGT	NTPC/A.P.	520.00 280.00
<b>Total (S.R.)</b>		<b>2325.00</b>

*Eastern Region*

Kalez-Khola	Sikkim	2.00
Jaldhaka I Ext.	W B.	9.00
Jaldhaka II Ext.	W.B.	4.00
Patna TPS	Bihar	135.00
Gourpur	W B.	120.00
<b>Total (ER)</b>		<b>270.00</b>

*North-Eastern Region**Central Sector*

Gas Based TPS in Tripura	NTPC/TRP	500.00
<b>Total (NER)</b>		<b>500.00</b>

**Exploration for Oil & Gas in East and West Champaran**

2046. SHRI DHARMESH PRASAD VERMA: Will the Minister of PETROLEUM AND CHEMICALS be pleased to state:

(a) whether there are more than half a dozen test sites for the exploration of oil and natural gas located in East and West Cham-

paran districts of Bihar;

(b) whether the aforesaid sites explored indicate good potentiality of striking oil and natural gas in the Gandak Basin;

(c) whether Government propose to continue drilling on the remaining unexplored test sites in the Gandak basin; and