1	2	3	4	5	6	7
2	Arunachal Pradesh	Kameng	Central	600	2496.90	2208.33 (03/2013)
3	Arunachal Pradesh	Pare	Central	110	573.99	505.69 (03/2013)
4	Mizoram	Tuirial	Central	60	913.63	394.95 (03/2013)

Modernisation of coal-based power projects

4491. SHRI A. ELAVARASAN: Will the Minister of POWER be pleased to state:

(a) whether the Central Electricity Authority (CEA) has invited expression of interest from firms for providing consultancy services for preparation of detailed report for renovation and modernization (R&M) of power projects;

(b) if so, the details thereof;

(c) whether it is a fact that nearly 30,000 MW of coal-based capacity needs R&M which would lead to improve plant load factors, heat rate reduction and lower carbon-di-oxide emission; and

(d) if so, the details thereof?

THE MINISTER OF STATE OF THE MINISTRY OF POWER (SHRI JYOTIRADITYA MADHAVRAO SCINDIA): (a) and (b) Yes, Sir. Central Electricity Authority (CEA) has invited expression of interest from firms for empanelment of Consultant which can be selected/hired by State/Central Power Utilities for preparation of Detailed Project Report (DPR) and other studies for Renovation and Modernization (R&M) of power projects. The last date of submission of bids was 31.3.2013. 13 number of bids have been received which are yet to be finalized.

(c) and (d) Central Electricity Authority has informed that a total of 29367 MW capacity of thermal power plants are planned to be taken up during the Twelfth Plan for R&M and Life Extension (LE) works to improve plant load factors, heat rate reduction and lower carbon-di-oxide emission. Details are given in the Statement.

Statement

Details of Units which needs Life Extension (LE) Renovation & Modernization (R&M) works

(A) State Sector (LE Programme)

Sl. No.	State	Name of Station	Unit No.	Capacity (MW)
1	2	3	4	5
1	Uttar Pradesh	Obra	10-13	4x200
2		Harduaganj	7	110
3		Parichha	1-2	2x 110
4	Punjab	Bathinda	3-4	2x110
5	Haryana	Panipat	3-4	2x110
6	Maharashtra	Nashik	3-4	2x210
7		Koradi	5-6	200 + 210
8		Bhusawal	2-3	2x210
9		Chandrapur	1-2	2x210
10		Parli	3	210
11	Chhattisgarh	Korba (West)	1-2	2x210
12	Madhya Pradesh	Satpura	6-7	200 + 210
13	Tamil Nadu	Tuticorin	1-2	2x210
14	Andhra Pradesh	Dr. N.T. TPS (Vijaywada)	1-2	2x210
15	Karnataka	Raichur	1-2	2x210
16	Bihar	Barauni	6-7	2x 110
17		Muzaffarpur	1-2	2x 110
18	West Bengal	Kolaghat	1-3	3 x210
19		Bandel	5	210
SUB TOTAL State Sector (LE Programme)			38	6820

1	2	3	4	5
(B) State Sector (R&M Programme)				
1	Uttar Pradesh	Obra	7	100
2		Anpara	1-3	3x210
3		Anpara'B	4-5	2x500
4	Punjab	Ropar	1-2 & 5-6	4x210
5	Haryana	Panipat	5	210
6	Gujarat	Wanakbori	1-2	2x210
7		Ukai	3-4	2x200
8	Rajasthan	Kota	1-2	2x 110
9	Jharkhand	Patratu	9-10	2x 110
10	West Bengal	DPL	6	110
SUB TOTAL State Sector (R&M Programme)			20	4150
TOTAL State Sector (LE+R&M Programme)			58	10970

(C) Central Sector (LE Programme)

Coal Based

Sl.No.	Utility	Name of Station	Unit No.	Capacity (MW)
1	2	3	4	5
1	DVC	Bokaro 'B'	1-3	3x210
2		Durgapur	4	210
3	NTPC	Badarpur	4-5	2x210
4		Singrauli STPS	1-5	5x200
5		Korba STPS	1-3	3x200
6		Ramagundam STPS	1-3	3 x200
SUB TOTAL C. S. Coal based (LE)			17	3460

1	2	3	4	5
(D) Central Sector (R&M Programme) Coal Based				
1	NTPC	Farakka Stage-II	4-5	2x500
2		Singrauli STPS	6-7	2x500
3		Korba STPS	4-6	3x500
4		Ramagundam STPS	4-6	3x500
5		Tanda	2	110
6		Unchahar	1-4	4x210
7		Vindhyachal	1-8	6x210 + 2x500
8		Simhadri	1-2	2x500
9		Talchar STPS	1-2	2x500
10		Dadri	1-4	4x210
11		Rihand STPS Ph III	1-2	2x500
12		Kahalgaon	1-4	4x210
SUB TOTAL C.S. Coal based (R&M)			37	12890
SUB TOTAL C.S. Coal Based (LE + R&M)			54	16350
(E) Central Sector LE (Gas based)				
Sl. No.	State	Name of Station	Unit No.	Cap. (MW)
1	NTPC	Dadri GT	GT-1 to 4	4x131
2		Auraiya GT	GT-1 to 4	4x 111.19
3		Kawas GT	GT-1 to 4	4x 106
4		Gandhar GT	GT-1 to 3	3 x 131
SUB TOTAL Gas based (LE)			15	1785.8

1	2	3	4	5
(F) Central Sector R&M (Gas Based)				
1	NEEPCO	Kathalguri CCGT	GT-1 to 6	6x33.50
2			ST-1 to 2	2x30.00
SUB TOTAL Gas based C.S. (R&M)			8	261
SUB TOTAL Gas based C.S. (LE + R&M)			23	2046.8
TOTAL R&M + LE			135	29367

Power deficit in Rajasthan

4492. DR. GYAN PRAKASH PILANIA: Will the Minister of POWER be pleased to state:

(a) whether power deficit in Rajasthan is hampering the economic development of the State;

(b) if so, the details thereof, including the generation and consumption of power and the overall shortage of power, from various sources during the year 2012; and

(c) the steps taken by Government to bridge the gap between demand and supply of power?

THE MINISTER OF STATE OF THE MINISTRY OF POWER (SHRI JYOTIRADITYA MADHAVRAO SCINDIA): (a) and (b) Electricity being concurrent subject, the responsibility for its supply to different categories of consumers to ensure the economic development of the State lies with the concerned State Government/public utilities in the State. The impact of power deficit on the economic development of the State is not centrally monitored. The power deficit (provisional) in Rajasthan during the year 2012-13 was 1,671 MU (3%) and 425 MW (4.8%) in terms of energy and peak respectively, as per details given below:

Year	Energy				Peak			
	Requirement	Availability	Shortage		Demand	Met	Shortage	
	(MU)	(MU)	(MU)	(%)	(MW)	(MW)	(MW)	(%)
2012-13	55,524	53,853	1,671	3.0	8,940	8,515	425	4.8