GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2518
TO BE ANSWERED ON 16.03.2017

NEW POWER PLANTS

2518. SHRI RAJESHBHAI CHUDASAMA:

Will the Minister of POWER be pleased to state:

(a) whether the Government has resolved to set up new power plants in the country to augment power generation capacity and to provide 24 hours electricity supply;

(b) if so, the details thereof; and

(c) the names of places in the country including Gujarat where these plants would be set up?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) to (c) : As per Section 7 of the Electricity Act 2003, any generating company may establish, operate and maintain a generating station without obtaining a license/permission under this Act, if it complies with the technical standards relating to connectivity with the grid. However, for setting up of Hydroelectric Power Projects, the Detailed Project Reports (DPRs) are required to be submitted for concurrence of Central Electricity Authority (CEA). Therefore, the developers both from public sector (Central Sector and State Sector) and private sector can take decision to set up new power projects based on the demand of electricity in the country, which is periodically assessed by the Central Electricity Authority through Electric Power Surveys.

To meet the rising demand of power, as per 18th Electric Power Survey (EPS), the capacity addition target of 88,537 MW from conventional sources and 30,000 MW from Renewable Energy Sources (RES) was planned for 12th Five Year Plan. Against the target of 12th Five Year Plan, a capacity of 93,535.47 MW from conventional sources and 22,763 MW from RES has been achieved till 31.01.2017.

The generation capacity from conventional sources totalling to 86,769.70 MW are at different stages of construction which is expected to yield benefit by 2021-22, the details of the power projects under construction including the State of Gujarat are given at Annex.

In addition to the above, Government of India has planned 175 GW capacity addition from RES by the year 2022.

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ANNEX

ANNEX REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO.2518 TO BE ANSWERED IN THE LOK SABHA ON 16.03.2017.

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Details of Under Construction Thermal Power Projects

Project Name	State	Unit No	Capacity (MW)
CENTRAL SECTOR			
Bongaigaon TPP	*Assam*	U-2	250
		U-3	250
Muzaffarpur TPS Exp	*Bihar*	U-4	195
Barh STPP- I	*Bihar*	U-1	660
		U-2	660
		U-3	660
Nabi Nagar TPP	*Bihar*	U-2	250
		U-3	250
		U-4	250
New Nabi Nagar TPP	*Bihar*	U-1	660
		U-2	660
		U-3	660
Lara STPP	*Chhattisgarh*	U-1	800
		U-2	800
North Karanpura TPP	*Jharkhand*	U-1	660
		U-2	660
		U-3	660
Kudgi STPP Ph-I	*Karnataka*	U-2	800
		U-3	800
Mouda STPS St-II	*Maharashtra*	U-4	660
Solapur STPP	*Maharashtra*	U-1	660
		U-2	660
Gadarwara STPP	*MP*	U-1	800
		U-2	800
Khargoan TPP	*MP*	U-1	660
		U-2	660
Darlipalli STPP	*Orissa*	U-1	800
		U-2	800
Telangana Ph-I	*Telangana*	U-1	800
		U-2	800
Neyveli New TPP	*TN*	U-1	500
		U-2	500
Unchahar St- IV	*UP*	U-6	500
Meja STPP	*UP*	U-1	660
		U-2	660
Ghatampur TPP	*UP*	U-1	660
		U-2	660
		U-3	660
Tanda TPP	*UP*	U-1	660
		U-2	660

STATE SECTOR			
Rayalseema TPP St-III	***AP***	**U-6**	**600**
Dr. Narla Tata Rao TPS St-V	***AP***	**U-1**	**800**
Sri Damodaran sanjeevaiah TPS St-II	***AP***	**U-1**	**800**
Namrup CCGT	***Assam***	**ST**	**36.15**
Barauni TPS Extn.	***Bihar***	**U-8**	**250**
		U-9	**250**
Bhavnagar CFBC TPP	***Gujarat***	**U-2**	**250**
Wankbori TPS Ext.	***Gujarat***	**U-8**	**800**
Yermarus TPP	***Karnataka***	**U-2**	**800**
Yelahanka CCPP	***Karnataka***	**Blck-I**	**370**
Shri Singhaji TPP-II	***M.P***	**U-3**	**660**
		U-4	**660**
I.B. Vally TPP	***Orissa***	**U-3**	**660**
		U-4	**660**
Chhabra STPP	**Rajasthan**	**U-5**	**660**
		U-6	**660**
Suratgarh STPP	**Rajasthan**	**U-7**	**660**
		U-8	**660**
Bhadradri TPP	***Telangana***	**U-1**	**270**
		U-2	**270**
		U-3	**270**
		U-4	**270**
Kothagudam TPS Ext. St-VII	***Telangana***	**U-1**	**800**
Ennore Exp. SCTPP	***TN***	**U-1**	**660**
Ennore SCTPP	***TN***	**U-1**	**660**
		U-2	**660**
North Chennai St-III	***TN***	**U-1**	**800**
Upper Super Ctitical TPP	***TN***	**U-1**	**800**
		U-2	**800**
Harduaganj Exp. -II TPS	***UP***	**U-1**	**660**
PRIVATE SECTOR			
Bhavanapadu TPP Ph-I	***AP***	**U-1**	**660**
		U-2	**660**
Thamminap-atnam TPP stage -II	***AP***	**U-3**	**350**
		U-4	**350**
Jas Infra. TPS	**Bihar**	**U-1**	**660**
		U-2	**660**
		U-3	**660**
		U-4	**660**
Akaltara TPP	***Chhattisgarh***	**U-3**	**600**
		U-4	**600**
		U-5	**600**
		U-6	**600**
Binjkote TPP	***Chhattisgarh***	**U-1**	**300**
		U-2	**300**
		U-3	**300**
		U-4	**300**

Nawapara TPP	***Chhattisgarh***	**U-2**	**300**
Lanco Amarkantak TPP-II	***Chhattisgarh***	**U-3**	**660**
		U-4	**660**
Singhitarai TPP	***Chhattisgarh***	**U-1**	**600**
		U-2	**600**
Uchpinda TPP	***Chhattisgarh***	**U-3**	**360**
		U-4	**360**
Salora TPP	***Chhattisgarh***	**U-2**	**135**
Deveri TPP	***Chhattisgarh***	**U-1**	**600**
Matrishri Usha TPP Ph-I	***Jharkhand***	**U-1**	**270**
		U-2	**270**
Matrishri Usha TPP Ph-II	***Jharkhand***	**U-3**	**270**
		U-4	**270**
Tori TPP-Ph-I	***Jharkhand***	**U-1**	**600**
		U-2	**600**
Tori TPP-Ph-II	***Jharkhand***	**U-3**	**600**
Amravati TPP Ph-II	***Maharashtra***	**U-1**	**270**
		U-2	**270**
		U-3	**270**
		U-4	**270**
		U-5	**270**
Lanco Vidarbha TPP	***Maharashtra***	**U-1**	**660**
		U-2	**660**
Nasik TPP Ph-I	***Maharashtra***	**U-3**	**270**
		U-4	**270**
		U-5	**270**
Nasik TPP Ph-II	***Maharashtra***	**U-1**	**270**
		U-2	**270**
		U-3	**270**
		U-4	**270**
		U-5	**270**
Bijora Ghanmukh TPP	***Maharashtra***	**U-1**	**300**
		U-2	**300**
Shirpur Power Pvt. Ltd	***Maharashtra***	**U-1**	**150**
		U-2	**150**
Mahan TPP	***MP***	**U-2**	**600**
Gorgi TPP	***MP***	**U-1**	**660**
Niwari TPP	***MP***	**U-2**	**45**
Ind Bharat TPP	***Orissa***	**U-2**	**350**
KVK Nilanc-hal TPP	***Orissa***	**U-1**	**350**
		U-2	**350**
		U-3	**350**
Lanco Babandh TPP	***Orissa***	**U-1**	**660**
		U-2	**660**
Malibrahmani TPP	***Orissa***	**U-1**	**525**
		U-2	**525**
Tuticorin TPP	***TN***	**U-1**	**660**
Tuticorin TPP-ST IV	***TN***	**U-1**	**525**
Prayagraj(Bara) TPP	***UP***	**U-3**	**660**
India Power TPP	***WB***	**U-1**	**150**
		U-2	**150**
		U-3	**150**

Details of Under Construction Hydro Power Projects

Project Name	State	Unit No.	Capacity (MW)
CENTRAL SECTOR			
Tuirial, 2x30= 60 MW	Mizoram	U-1 to U-2	60
Kishanganga, 3x110= 330 MW	Jammu & Kashmir	U-1 to U3	330
Kameng , 4x150= 600 MW	Arunachal Pradesh	U-1 to U-4	600
Pare, 2x55= 110 MW	Arunachal Pradesh	U-1 to U-2	110
Parbati St. II, 4x200= 800 MW	Himachal Pradesh	U-1 to U-4	800
Tehri PSS, 4x250= 1000 MW	Uttarakhand	U-1 to U-4	1000
Vishnugad Pipalkoti, 4x111= 444 MW	Uttarakhand	U-1 to U-4	444
Tapovan Vishnugad, 4x130=520 MW	Uttarakhand	U-1 to U-4	520
Subansiri Lower, 8x250= 2000 MW	Arunachal Pradesh	U-1 to U-8	2000
Rammam - III, 3x40=120 MW	West Bengal	U-1 to U-3	120
Lata Tapovan, 3x57= 171 MW	Uttarakhand	U-1 to U-3	171
STATE SECTOR			
Sainj, 2X50=100 MW	Himachal Pradesh	U- 1 & U2	100
Pulichintala, 4x30= 120 MW	Telangana	U-2	30
New Umtru, 2x20=40 MW	Meghalaya	U-1	20
Uhl-III , 3x33.33= 100 MW	Himachal Pradesh	U-1 to U-3	100
Pulichintala, 4x30= 120 MW	Telangana	U-3 to U-4	60
New Umtru, 2x20=40 MW	Meghalaya	U-2	20
Vyasi , 2x60=120 MW	Uttarakhand	U-1 to U-2	120
Sawra Kuddu, 3x37= 111 MW	Himachal Pradesh	U-1 to U-3	111
Shahpurkandi, 3x33+3x33+1x8= 206 MW	Punjab	U-1 to U-7	206
Kashang-II & III, 1x65 + 1x65= 130 MW	Himachal Pradesh	U- 3	65
Shongtong Karcham, 3x150= 450 MW	Himachal Pradesh	U-1 to U-3	450
Pallivasal, 2x30= 60 MW	Kerala	U-1 to U-2	60
Koyna Left Bank PSS, 2x40= 80 MW	Maharashtra	U-1 to U-2	80
Thottiyar, 1x30 + 1x10= 40 MW	Kerala	U-1 to U-2	40
Parnai, 3x12.5= 37.5 MW	Jammu & Kashmir	U-1 to U-3	37.5
Lower Kalnai, 2x24= 48 MW	Jammu & Kashmir	U-1 & U-2	48
Polavaram, 12x80= 960 MW	Andhra Pradesh	U-1 to U-12	960
PRIVATE SECTOR			
Chanju-I, 3x12= 36 MW	Himachal Pradesh	U-1 to U-3	12
Dikchu, 2x48= 96 MW	Sikkim	U-1 to U-2	96
Tashiding, 2x48.5= 97 MW	Sikkim	U-1 to U-2	97
Maheshwar, 10x40= 400 MW	Madhya Pradesh	U-1 to U-3	120
Sorang, 2x50= 100 MW	Himachal Pradesh	U-1 & U-2	100
Tangnu Romai- I, 2x22= 44 MW	Himachal Pradesh	U-1 to U-2	44
Maheshwar, 10x40= 400 MW	Madhya Pradesh	U-4 to U-10	280
Tidong-I, 2x50= 100 MW	Himachal Pradesh	U-1 to U-2	100
Bajoli Holi, 3x60= 180 MW	Himachal Pradesh	U-1 to U-3	180
Bhasmey, 3x17= 51 MW	Sikkim	U-1 to U-3	51
Rangit-II, 2x33= 66 MW	Sikkim	U-1 to U-2	66
Rongnichu, 2x48= 96 MW	Sikkim	U-1 to U-2	96
Rangit-IV, 3x40= 120 MW	Sikkim	U-1 to U-3	120
Singoli Bhatwari, 3x33= 99 MW	Uttarakhand	U-1 to U-3	99
Phata Byung, 2x38= 76 MW	Uttarakhand	U-1 to U-2	76
Panan, 4x75= 300 MW	Sikkim	U-1 to U-4	300
Gongri, 2x72= 144 MW	Arunachal Pradesh	U-1 to U-2	144
Ratle, 4x205+1x30= 850 MW	Jammu & Kashmir	U-1 to U-5	850
Teesta- VI, 4x125= 500 MW	Sikkim	U-1 to U-4	500

Details of Under Construction Nuclear Power Projects		
Project Name	**State**	**Capacity (MW)**
Kudankulam U-2	**Tamil Nadu**	**1000**
PFBR	**Tamil Nadu**	**500**
Kakrapar Atomic Power Plant	**Gujarat**	**1,400**
Rajasthan Atomic Power Station	**Rajasthan**	**1,400**

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