

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.5480
TO BE ANSWERED ON 06.04.2017**

LOAD GENERATION BALANCE REPORT

**5480. SHRI ANANDRAO ADSUL:
SHRI DHARMENDRA YADAV:
DR. PRITAM GOPINATH MUNDE:**

**Will the Minister of POWER
be pleased to state:**

- (a) whether the Union Government has brought out Load Generation Balance Report (LGBR) every year to project electricity demand and supply situation and if so, the details thereof;**
- (b) whether the LGBR is finalised after detailed discussions with the States/ utilities and Central/State/Private generation companies, if so, the details thereof;**
- (c) whether the Union Government has set a target of generating 1178 billion units with overall surplus of 1.1 per cent and peak surplus of 2.6 per cent and if so, the facts thereof;**
- (d) whether a generating capacity above 16654.5 mw was considered in the LGBR for 2016-17 and if so, the details thereof; and**
- (e) whether the inter-State and intra- State capabilities of power transfer in the country has enhanced considerably and if so, the details thereof?**

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) : Yes, Madam. Central Electricity Authority (CEA), on behalf of the Union Government, brings out the Load Generation Balance Report (LGBR) every year, which shows state-wise anticipated electricity demand and supply situation in the country in the ensuing year. The LGBR for the year 2016-17 was published on 31st May 2016.

.....2.

(b) : Yes, Madam. The LGBR is finalized after detailed discussions with the States/Utilities and Central / State / Private generation companies through Regional Power Committees (RPCs). Generation targets for various power stations are decided in consultation with the generating companies, and demand for electricity in consultation with the States/Utilities.

(c) : Yes, Madam. The Union Government had set a target of generating 1,178 billion units (BU) during the year 2016-17. The anticipated Energy available in the country for 2016-17 based on this target as well as generation from Renewable Energy sources and captive power plants was 1228 BU while the anticipated Energy requirement was 1,215 BU implying anticipated Energy surplus of 13 BU (1.1%). Similarly, the anticipated Peak Demand and Peak availability were 165,253 MW and 169,503 MW, respectively implying anticipated Peak surplus of 4,250 MW (2.6%).

(d) : Yes, Madam. New generating capacity of 16,654.5 MW was considered in the LGBR for 2016-17. Details of the same are given at Annex.

(e) : The inter-state and intra-State capabilities of power transfer in the country have enhanced considerably with the construction of new transmission lines in the country. During the 12th Plan period (up to February, 2017), 1,07,653 circuit-km of inter-state & intra-state transmission system (220kV & above) was added in the country.

ANNEX REFERRED TO IN REPLY TO PART (d) OF UNSTARRED QUESTION NO. 5480
TO BE ANSWERED IN THE LOK SABHA ON 06.04.2017.

Generating Schemes Expected to be commissioned during 2016-17

Scheme	Implementing Agency	Unit No.	Capacity (MW)	Commissioning Schedule
THERMAL				
CENTRAL SECTOR			2730.5 MW	
Nabinagar TPP	NTPC	2	250	Jan-17
Mauda STPP-II	NTPC	4	660	Feb-17
Lara STPP	NTPC	1	800	Jan-17
Kanti TPS St-II	NTPC	4	195	Sep-16
Kudgi TPP	NTPC	1	800	Sep-16
Agartala Gas Based Power Project	NEEPCO	ST-1	25.5	Jun-16
STATE SECTOR			3910 MW	
Namrup CCGT	APGCL	GT-ST	100	Sep-16
Barauni TPP,	BSEB	8	250	Dec-16
Bhavnagar TPP	BECL	1	250	Jun-16
Bhavnagar TPP	BECL	2	250	Nov-16
Yermarus TPP	KPCL	2	800	Jul-16
Koradi TPP	MSPGCL	10	660	Oct-16
Singreni TPP	SCCL	2	600	Jun-16
Marwa TPS	CSPGCL	2	500	Jun-16
Sagardighi TPS-II	WBPDCL	4	500	Nov-16
PRIVATE SECTOR			6800 MW	
Nawapara TPP	TRN	1	300	May-16
Nawapara TPP	TRN	2	300	Nov-16
Bara TPP	Jaypee	2	660	Jul-16
Utkal TPP	Ind Barath	2	350	Nov-16
Ucchpinda TPP	RKM	3	360	Jul-16
ITPCL TPP	ILFS	2	600	May-16
Lanco Babandh TPP	Lanco Babandh	1	660	Feb-17
Lalitpur TPP	LPGCL	3	660	4/1/2016(A)
Nashik TPP, Ph-I	Rattan Power	2	270	Jun-16
Nashik TPP, Ph-I	Rattan Power	3	270	Dec-16
NCC TPP	NCC	1	660	Jul-16
NCC TPP	NCC	2	660	Dec-16
Binjkote TPP	SKS	1	300	Nov-16
Athena Singhitari TPP	Athena Chhattisgarh	1	600	Oct-16
Haldia TPP	India Power	1	150	Jul-16
TOTAL THERMAL (CENTRAL + STATE + PRIVATE)			13440.5 MW	
HYDRO				

CENTRAL SECTOR			490 MW	
Teesta Low Dam-IV	NHPC	3	40	Jun-16
Teesta Low Dam-IV	NHPC	4	40	Sep-16
Kameng	NEEPCO	1	150	Feb-17
Kameng	NEEPCO	2	150	Mar-17
Pare	NEEPCO	1	55	Dec-16
Pare	NEEPCO	2	55	Jan-17
STATE SECTOR			395 MW	
Nagarujana Sagar TR	APGENCO	1	25	Aug-16
Nagarujana Sagar TR	APGENCO	2	25	Aug-16
Kashang-I	HPPCL	1	65	May-16
Sainj	HPPCL	1	50	Dec-16
Sainj	HPPCL	2	50	Jan-17
Lower Jurala	TSGENCO	5	40	Sep-16
Lower Jurala	TSGENCO	6	40	Nov-16
Pulichintala	TSGENCO	1	30	Aug-16
Pulichintala	TSGENCO	2	30	Dec-16
New Umtru	MePGCL	1	20	Nov-16
New Umtru	MePGCL	2	20	Dec-16
PRIVATE SECTOR			829 MW	
Teesta- III (*)	Teesta Urja Ltd. (*)	1	200	Dec-16
Teesta- III (*)	Teesta Urja Ltd. (*)	2	200	Jan-17
Teesta- III (*)	Teesta Urja Ltd. (*)	3	200	Feb-17
Chanju-I	IA Energy	1	12	Jul-16
Chanju-I	IA Energy	2	12	Sep-16
Chanju-I	IA Energy	3	12	Dec-16
Dikchu (#)	Sneha Kinetic Power Projects Pvt. Ltd.	1	32	Jul-16
Dikchu (#)	Sneha Kinetic Power Projects Pvt. Ltd.	2	32	Aug-16
Dikchu (#)	Sneha Kinetic Power Projects Pvt. Ltd.	3	32	Sep-16
Tashiding (#)	Shiga Energy Pvt. Ltd.	1	48.5	Jan-17
Tashiding (#)	Shiga Energy Pvt. Ltd.	2	48.5	Feb-17
TOTAL HYDRO (CENTRAL + STATE + PRIVATE)			1714 MW	
NUCLEAR				
Kudankulam NPP	NPC	2	1000	Jul-16
PFBR Kalpakkam	BHAVINI	1	500	Feb-17
TOTAL NUCLEAR			1500 MW	
TOTAL (THERMAL + HYDRO + NUCLEAR)			16654.5 MW	
