

GOVERNMENT OF INDIA
MINISTRY OF POWER

RAJYA SABHA
UNSTARRED QUESTION NO.1582
TO BE ANSWERED ON 01.08.2016

POWER GENERATION IN NORTH-EASTERN STATES

1582. SHRIMATI JHARNA DAS BAIDYA :

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

- (a) whether it is a fact that the Central Government has urged that State Governments should strictly monitor the power projects to ensure the achievement of power generation targets;
- (b) if so, the details thereof;
- (c) whether the Central Government has given special consideration to North Eastern States;
- (d) if so, the details thereof;
- (e) the number of power projects sanctioned for those States, State-wise; and
- (f) the amount sanctioned and released for these power projects, State-wise?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) & (b): Electricity is a concurrent subject. Monitoring of power projects (except Central Generating Station) to ensure power generation targets is the responsibility of the respective State/State Power Utilities. The Central Government supplements the efforts of the State Governments by establishing power plants in the Central Sector through Central Power Sector Undertakings (CPSUs) for the purpose of power generation and allocating power therefrom to them. The Central Government monitors the power projects of the CPSUs.

(c) & (d): The Central Government has given special consideration to the power generation in North Eastern States. In this regard, as per information furnished by North Eastern Electric Power Corporation Ltd. (NEEPCO), two gas based power stations and one hydro power project of NEEPCO, located in the North Eastern States, were given special consideration by the Central Government. In case of gas based power stations, the concession on the gas price to the tune of 40% has been extended under Administered Price Mechanism (APM) to 291 MW Assam Gas Based Power Plant (AGBP) in Assam and 135 MW Agartala Gas Turbine Combine

.....2.

Cycle Power Plant (AGTCCP) in the State of Tripura. The gas price is charged at 60% of market price upto the quantity of 1 Million Metric Standard Cubic Meters Per Day (MMSCMD) for AGBP and 0.75 MMSCMD for AGTCCP. In case of hydro power project, the ongoing Tuirial HEP (60 MW), Mizoram has been sanctioned grant of Rs. 300 crores by Ministry of Development of North Eastern Region (DONER) and a subordinate loan of Rs. 291.96 crores.

(e) & (f) : As regards hydro- electric generation, the hydro-electric projects aggregating to 22,874 MW at an estimated cost of Rs. 171061 crores have been accorded concurrence by the Central Electricity Authority (CEA) since 2002. The details are given at **Annex-I**.

As regards thermal power generation, after the enactment of the Electricity Act 2003, clearance/sanction from the CEA is not required for thermal power projects. As such, no specific information is available regarding thermal power projects sanctioned for North Eastern States and the total amount sanctioned and released for these projects in North Eastern States. However, six thermal power units/modules aggregating to 1103.1 MW have been commissioned during the 12th Plan in the North-Eastern States. Further, five thermal units/modules aggregating to 625.5 MW are presently under construction in the North-Eastern States for benefits during 12th Plan period and beyond. The details along with the latest project cost, expenditure is given at **Annex-II**.

**ANNEX REFERRED TO IN REPLY TO PARTS (e) & (f) OF UNSTARRED
QUESTION NO. 1582 TO BE ANSWERED IN THE RAJYA SABHA ON 01.08.2016.**

Details of Hydro Electric Schemes Concurred/ Appraised by the CEA since 2002-03

S. No.	Scheme	State	Installed Capacity (MW)		Estimated, Cost (Rs Cr) Price Level
1	Subansiri Lower	Arunachal Pradesh	8x250	2000	6608.68 (12/2002)
2	Tipaimukh	Manipur	6x250	1500	5163.86 (12/2002)
3	Loktak Downstream (**)	Manipur	2x33	66	867.77 (10/2006)
4	Pare	Arunachal Pradesh	2x55	110	553.25(6/2007)
5	Dibang	Arunachal Pradesh	12x250	3000	15886.39 (11/2007)
6	Demwe Lower	Arunachal Pradesh	5x342+1x40	1750	13144.91*
7	Dibbin	Arunachal Pradesh	2x60	120	728.54 *
8	Lower Siang	Arunachal Pradesh	9x300	2700	19990.74*
9	Nafra	Arunachal Pradesh	2x60	120	848.22 *
10	Nyamjang Chhu	Arunachal Pradesh	6x130	780	6115.6*
11	Kolodyne Stage-II	Mizoram	4x115	460	5188.13 (10/2010)
12	Tawang Stage-I	Arunachal Pradesh	3x200	600	4824.01 (5/2010)
13	Tawang Stage-II	Arunachal Pradesh	4x200	800	6112.3 (5/2010)
14	Tato-II	Arunachal Pradesh	4x175	700	5616.20*
15	Gongri	Arunachal Pradesh	2x72	144	1436.27 (Comp.)
16	Hirong	Arunachal Pradesh	4x125	500	5532.63 (Comp.)
17	Etalín	Arunachal Pradesh	10x307+1x19.6+1x7.4	3097	25296.95 (compl.)
18	Talong londa	Arunachal Pradesh	3x75	225	2172.88 (Compl.)
19	Naying	Arunachal Pradesh	4x250	1000	9301.11 (Comp.)
20	Siyom	Arunachal Pradesh	6x166.7	1000	12100 (Comp.)
21	Dikhu	Nagaland	3x62	186	1994.74 (Comp.)
22	Kalai-II	Arunachal Pradesh	5x190+1x190+1x60	1200	14199.64 (Comp.)
23	Kynshi – I	Meghalaya	2x135	270	3154.37 (comp.)
24	Heo	Arunachal Pradesh	3x80	240	1614.35 (comp.)
25	Tato-I	Arunachal Pradesh	3x62	186	1493.55 (comp)
26	Lower Kopili	Assam	2x55+1x5+2x7.5	120	1115.91
	Total (26 Nos.)			22874	171061.00

* Completion cost

(**) CEA declined revalidation and asked the Project developers to submit the fresh DPR with updated features & revised cost estimates.

ANNEX-II

ANNEX REFERRED TO IN REPLY TO PARTS (e) & (f) OF UNSTARRED QUESTION NO. 1582 TO BE ANSWERED IN THE RAJYA SABHA ON 01.08.2016.

Details of Commissioned/ Under Construction Thermal Power Projects in North-Eastern states during 12th Plan

Sl. No.	State	Project Name / Impl. Agency/ EPC or BTG	Unit No	Capacity (MW)	Status	Latest cost (in Crores)	Expenditure. In crores.
1	Assam	Bongaigaon TPP/ NTPC/ BHEL(Central Sector)	U-1	250	Commissioned	6749.18	5989
			U-2	250	Under construction		
			U-3	250	Under construction		
2	Assam	Namrup CCGT / APGCL/BHEL (EPC) (State Sector)	GT	70	Under construction	693.73	462.5
			ST	30	Under construction		
3	Tripura	Monarchak CCPP/NEEPCO/BHEL (EPC) (Central Sector)	GT	65.4	Commissioned	1007.68	990.54
			ST	35.6	Commissioned		
4	Tripura	Tripura Gas/OTPC/BHEL (EPC) (Central Sector)	Module-1	363.3	Commissioned	3429.00	3717.6
			Module-2	363.3	Commissioned		
5	Tripura	Agartala / NEEPCO/THERMAX (EPC) (Central Sector)	ST-1	25.5	Under construction	382.41	343.88
			ST-2	25.5	Commissioned		
			Sub- total	1103.1	Commissioned		
			Sub- total	625.5	Under construction		
		Total		1728.6			
