

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.1768
TO BE ANSWERED ON 20.12.2018**

PENDING HYDRO POWER PROJECT

†1768. SHRI HARI MANJHI:

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

- (a) whether a number of hydro power projects with a capacity of more than thirteen thousand megawatts are lying stranded/pending at various stages of completion;**
- (b) if so, the details thereof along with the cost and time overruns of the said projects upto 2017, project-wise;**
- (c) whether a special committee has been constituted for facilitating investment, issuance of clearance and coordination in works amongst various institutions involved in both hydro and thermal power generation; and**
- (d) if so, the details thereof?**

A N S W E R

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

(SHRI R. K. SINGH)

(a) & (b) : At present 37 Hydro Electric Projects (HEPs), above 25 MW, aggregating to 12178.5 MW are at various stages of construction in the country. Details of the same are given at Annex-I. Out of these 37 HEPs, 16 projects aggregating to 5950 MW are stalled due to various reasons. Details of these Projects along with time and cost overrun as per the latest anticipated cost reported by the developers in the latest progress reports to Central Electricity Authority (CEA) are given at Annex-II.

(c) & (d) : No Special Committee has been constituted for facilitating investment, issuance of clearance and co-ordination of works amongst various institutions involved in both hydro and thermal power generation.

ANNEX REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 1768 TO BE ANSWERED IN THE LOK SABHA ON 20.12.2018.

**DETAILS OF UNDER CONSTRUCTION HYDRO ELECTRIC PROJECTS
(ABOVE 25 MW)**

Sl. No.	Project Name/ (Installed Capacity)/ Executing Agency	State
	CENTRAL SECTOR	
1	Tapovan Vishnughad (4x130 = 520 MW) NTPC	Uttarakhand
2	Lata Tapovan (3x57 = 171 MW) NTPC	Uttarakhand
3	Rammam-III (3x40= 120 MW) NTPC	West Bengal
4	Kameng (4x150 = 600 MW) NEEPCO	Arunachal Pradesh
5	Tehri PSS (4x250 = 1000 MW) THDC	Uttarakhand
6	Parbati - II (4x200 = 800 MW) NHPC	Himachal Pradesh
7	Subansiri Lower (8x250 = 2000 MW) NHPC	Arunachal Pradesh/ Assam
8	Vishnugad Pipalkoti (4x111 = 444 MW) THDC	Uttarakhand
9	Pakal Dul (4x250= 1000 MW) CVPP	Jammu & Kashmir
10	Naitwar Mori (2x30=60 MW) SJVNL	Uttarakhand
	STATE SECTOR	
11	Parnai (3x12.5= 37.5 MW) JKSPDC	Jammu & Kashmir
12	Lower Kalnai (2x24= 48 MW) JKSPDC	Jammu & Kashmir
13	Uhl-III (3x33.33 = 100 MW) BVPCL	Himachal Pradesh
14	Sawra Kuddu (3x37 =111MW) HPPCL	Himachal Pradesh
15	Shongtom Karcham (3x150 = 450 MW) HPPCL	Himachal Pradesh
16	Pallivasal (2x30 = 60 MW) KSEB	Kerala
17	Thottiyar (1x30+1x10)= 40MW KSEB	Kerala
18	Shahpurkandi (3x33+3x33+1x8=206 MW) Irrigation Deptt. &PSPCL	Punjab

19	Koyna Left Bank PSS (2x40 = 80 MW) WRD, Maha	Maharashtra
20	Vyasi (2x60=120 MW) UJVNL	Uttarakhand
21	Polavaram (12x80 = 960 MW) APGENCO / Irr. Deptt., A.P.	Andhra Pradesh
22	Kundah Punded Storage Phase-I (1x125=125 MW) TANGEDCO	Tamil Nadu
	PRIVATE SECTOR	
23	Tidong-I (2x50 =100 MW) Statkraft India Pvt. Ltd.	Himachal Pradesh
24	Tangnu Romai-I (2x22 = 44 MW) TRPGPL	Himachal Pradesh
25	Sorang (2x50 = 100 MW), HSPPL	Himachal Pradesh
26	Singoli Bhatwari (3x33 = 99 MW) L&T	Uttarakhand
27	Phata Byung (2x38 = 76 MW), LANCO	Uttarakhand
28	Maheshwar (10x40 = 400 MW) SMHPCL	Madhya Pradesh
29	Teesta Stage VI (4x125 = 500 MW) Lanco Energy Pvt. Ltd.	Sikkim
30	Rangit-IV HE Project (3X40 = 120 MW) JPCL	Sikkim
31	Bhasmey (2x25.5 =51 MW) Gati Infrastructure	Sikkim
32	Rongnichu (2x48 =96 MW) Madhya Bharat Pvt. Ltd.	Sikkim
33	Ratle (4x205+1x30 = 850 MW) Ratle HEP Pvt .Ltd.	Jammu & Kashmir
34	Gongri (2x72= 144 MW) Dirang Energy (P)Ltd	Arunachal Pradesh
35	Bajoli Holi (3x60= 180 MW) M/s GMR Bajoli Holi	Himachal Pradesh
36	Rangit-II (2x33= 66 MW) Sikkim Hydro Power Ltd.	Sikkim
37	Panan (4x75= 300 MW) Himagiri Hydro Energy Pvt. Ltd.	Sikkim
	Total= 12178.5 MW	

**ANNEX REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 1768
TO BE ANSWERED IN THE LOK SABHA ON 20.12.2018.**

DETAILS OF TIME/COST OVERRUN IN 16 STALLED HYDRO ELECTRIC PROJECTS (ABOVE 25 MW)

Sl. No.	Project Name/ (Installed Capacity)/ Executing Agency	State	Unit No.	Cap. (MW)	Org. Comm. Sched.	Ant. Comm. Sched.	Time over run (months)	Org. Cost (Rs. in Crores)	Latest/Ant. Cost (Rs. in Crores)	Cost over run (Rs. in Crores)
1	2	3	4	5	6	7	8	9	10	11
CENTRAL SECTOR										
1	Lata Tapovan (3x57 = 171 MW) NTPC	Uttarakhand	1 2 3	57 57 57	2017-18 2017-18 2017-18 (Aug'17)	2022-23 2022-23 2022-23 [subject to re-start of works (4 years)]	67	1810.47	Under revision	N.A.
2	Tehri PSS (4x250 = 1000 MW) THDC	Uttarakhand	1 2 3 4	250 250 250 250	2010-11 2010-11 2010-11 2010-11 (July'10)	2021-22 2021-22 2021-22 2021-22 (May'21) (subject to re-start of works)	130	1657.60 (Dec-05)	3939.11	2281.51
3	Subansiri Lower (8x250 = 2000 MW) NHPC	Arunachal Pradesh/ Assam	1 2 3 4 5 6 7 8	250 250 250 250 250 250 250 250	2009-11 2009-11 2009-11 2009-11 2009-11 2009-11 2009-11 2009-11 (Sep'10)	2022-23 2022-23 2022-23 2022-23 2022-23 2022-23 2022-23 2022-23 [subject to re-start of works (4 years)]	150	6285.33 (12/02)	18559.49 (04/17)	12274.16
STATE SECTOR										
4	Lower Kalnai 2x24= 48 MW JKSPDC	Jammu & Kashmir	1 2	24 24	2017-18 2017-18 (Sep'17)	2022-23 2022-23 [subject to re-start of works (4 years)]	66	576.87 (12/12) (Completion cost)	576.87 (12/12) (Completion cost)	Nil
5	Koyna Left Bank PSS 2x40 = 80 MW WRD, Maha	Maharashtra	1 2	40 40	2014-15 2014-15 (Oct'14)	2022-23 [subject to re-start of works (4 years)]	101	245.02 (1999)	1494.94 (2014)	1249.92
PRIVATE SECTOR										
6	Tangnu Romai-I (2x22 = 44 MW) TRPGPL	Himachal Pradesh	1 2	22 22	2014-15 2014-15 (Jun'14)	2021-22 2021-22 [subject to re-start of works (4 years)]	93	255.00 (01/07)	562.97 (01/17)	307.97
7	Sorang (2x50 = 100 MW), HSPPL	Himachal Pradesh	1 2	50 50	2011-12 2011-12 (Nov'11)	2020-21 2020-21 [subject to re-start of works (1 Year)]	112	586.00 (04/2005)	Under revision	N.A.
8	Phata Byung (2x38 = 76 MW), LANCO	Uttarakhand	1 2	38 38	2012-13 2012-13 (Jun'12)	2021-22 2021-22 [subject to re-start of works (3 years)]	117	520.00 (2013-14)	1225.53	705.53

9	Maheshwar (10x40 = 400 MW) SMHPCL	Madhya Pradesh	1 2 3 4 5 6 7 8 9 10	40 40 40 40 40 40 40 40 40 40	2001-02 2001-02 2001-02 2001-02 2001-02 2001-02 2001-02 2001-02 2001-02 2001-02 (Mar'02)	2020-21 [subject to re- start of works (1-½ years)]	228	1569.27 (96-97)	8121.00 (2016-17)	6551.73
10	Teesta Stage VI (4x125 = 500 MW) Lanco Energy Pvt. Ltd.	Sikkim	1 2 3 4	125 125 125 125	2012-13 2012-13 2012-13 2012-13 (Jul'12)	2021-22 2021-22 2021-22 2021-22 [subject to re-start of works (3 years)]	116	3283.08 (2008)	7542.00 (12/16)	4258.92
11	Rangit-IV HE Project (3X40 = 120 MW) JPCL	Sikkim	1 2 3	40 40 40	2011-12 2011-12 2011-12 (Jan'12)	2021-22 2021-22 2021-22 (subject to re-start of works(3-½ year)	122	726.17 (2011-12)	1692.60 (06/16)	966.43
12	Bhasmey (2x25.5 =51 MW) Gati Infrastructure	Sikkim	1 2	25.5 25.5	2012-13 2012-13 (Jun'12)	2021-22 2021-22 [subject to re- start of works (3 years)]	117	408.50 (2012-13)	690.30	281.80
13	Ratle (4x205+1x30) =850 MW Ratle HEP Pvt .Ltd.	J&K	1 2 3 4 5	205 205 205 205 30	2017-18 2017-18 2017-18 2017-18 2017-18	2023-24 2023-24 2023-24 2023-24 2023-24 [subject to re- start of works (5 years)]	72	5517.02 (03/12)	6257.00 (09/2013)	739.98
14	Gongri 2x72= 144 MW Dirang Energy (P)Ltd	Ar. Pradesh	1 2	72 72	2016-17 2016-17 (Oct'16)	2022-23 2022-23 [subject to re- start of works (3-½ years)]	77	1436.27 (05/12)	1436.27 (05/12)	Nil
15	Rangit-II 2x33= 66 MW Sikkim Hydro Power Ltd.	Sikkim	1 2	33 33	2015-16 2015-16 (Apr'15)	2020-21 2020-21 (subject to re- start of works(2-½ years))	71	496.44	496.44	Nil
16	Panan 4x75= 300 MW Himagiri Hydro Energy Pvt. Ltd.	Sikkim	1 2 3 4	75 75 75 75	2018-19 2018-19 2018-19 2018-19	2022-23 2022-23 2022-23 2022-23 [subject to re- start of works (4-½ years)]	48	1833.05 (2009)	2516.00 (09/16)	682.95
Total= 5950 MW										
