

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.2108
TO BE ANSWERED ON 04.07.2019**

HYDRO POWER PROJECTS

**2108. DR. HEENA GAVIT:
DR. SUBHASH RAMRAO BHAMRE:
SHRI SUNIL DATTATRAY TATKARE:
DR. AMOL RAMSING KOLHE:
SHRIMATI SUPRIYA SULE:
SHRI KULDEEP RAI SHARMA:**

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

- (a) the details of hydro power projects constructed and under construction along with their installed capacities, State/UT-wise;**
- (b) the details of the hydro power projects in operation and the quantum of hydro power generated by each of the project during the last three years and the current year, State/UT-wise;**
- (c) the reasons for under utilisation of the installed capacity and the steps being taken by the Government to improve the efficiency of hydro power projects for generation of power as per their installed capacity;**
- (d) whether the Government has identified the stalled hydro power projects in the country and if so, the details thereof along with the cost over-run of these projects;**
- (e) whether the Government proposes to revive the stalled hydro power projects in order to increase the renewable power generation across the country and if so, the details thereof; and**
- (f) the other steps taken by the Government for completion of hydro power projects in a time bound manner in the country?**

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) & (b) : As on 31.05.2019, a total of 204 Hydro Power Projects (above 25 MW) with an aggregate installed capacity of 45399.22 MW were in operation across the country. The State/UT-wise details of such projects along with power being generated during last three years and current year by each of the Hydro Power Projects is given at Annexure-I.

Presently, 36 Hydro Power Projects (above 25 MW) aggregating to 12034.50 MW are under construction across the country. The details, State/UT-wise, are given at Annexure-II.

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(c) : Majority of the Hydro Power Projects in the country, except a few, are generating power as per their installed capacity. However, some of the hydropower projects are not operating at their full capacity due to low inflows besides other reasons such as upstream water conductor system not being ready to its full capacity as per approved layout design and implementation of Renovation & Modernization works in some of the Projects.

(d) : Out of 36 under construction Hydro Power Projects, 13 Hydro Power Projects aggregating to 4706 MW are stalled. The details of these Projects along with their cost over-run is given at Annexure-III.

(e) & (f) : To promote Hydro Power Sector Government has approved the following measures:

1. Declaring Large Hydro Power (LHPs) (> 25 MW projects) as Renewable Energy source;
2. Hydro Purchase Obligation (HPO) as a separate entity within Non-solar Renewable Purchase Obligation (RPO);
3. Tariff rationalization measures for bringing down hydro power tariff;
4. Budgetary Support for Flood Moderation/Storage Hydro Electric Projects (HEPs);
5. Budgetary Support to Cost of Enabling Infrastructure, i.e. roads/bridges etc.

The above measures will help the revival of stalled hydro power projects.

The other steps being taken by the Government for completion of hydro power projects in a time bound manner in the country are as follows :-

- Central Electricity Authority (CEA) is regularly monitoring the under construction hydro power projects (above 25 MW). The progress of each project is monitored continuously through site visits and interaction with the developers & other stake holders. Member (Hydro), CEA holds regular review meetings with the developers and other stakeholders.
- Ministry of Power reviews the progress of ongoing hydroelectric projects regularly with the concerned officers of CEA, State Utilities / CPSUs / Project developers, etc.
- Project Monitoring Group (PMG) set up under Prime Minister's Office (PMO) resolves issues / bottlenecks faced by developers by taking up with Central / State Government authorities.
- Issues are also raised in PRAGATI, for proactive governance and timely implementation, as and when required.
- In case of Central Power Sector Undertakings (CPSUs) projects, the project Implementation parameters / milestones are incorporated in the annual MoU signed between respective CPSU's and MoP and the same are monitored during the quarterly performance review meetings of CPSU's and other meetings held in MoP/ CEA. The issues related to erection and supply of Electro-Mechanical equipment is expedited with BHEL in various meetings held in CEA / MoP and other local issues affecting the progress of works are taken up with respective State Governments by the Concerned CPSU / MoP.

ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 2108 TO BE ANSWERED IN THE LOK SABHA ON 04.07.2019.

STATE-WISE ACTUAL GENERATION OF H.E. STATIONS (I. C. ABOVE 25 MW) IN THE COUNTRY DURING LAST THREE YEARS AND CURRENT YEAR					
REGION/ UTILITY/ STATION	INSTALLED CAPACITY (MW) AS ON 30.05.2019	GENERATION (MU)			
		2016-17	2017-18	2018-19	2019-20 (Up to 30.05.2019)
HIMACHAL PRADESH					
BBMB					
Bhakra L&R	1379.00	5168.27	5134.02	4238.19	885.82
Dehar	990.00	3184.68	3086.24	3226.30	804.69
Pong	396.00	1369.93	1641.57	1512.56	146.56
Total BBMB-HP	2765.00	9722.88	9861.83	8977.05	1837.07
NHPC					
Baira Siul	180.00	669.33	641.73	366.67	0.00
Chamera-I	540.00	2224.39	2344.08	2484.56	635.63
Chamera-II	300.00	1443.93	1487.11	1508.02	383.65
Chamera-III	231.00	917.09	1068.05	1043.42	258.48
Parbati III	520.00	682.48	710.53	608.30	89.01
Parbati II*		0.00	0.00	0.00	0.00
Total NHPC -HP	1771.00	5937.22	6251.50	6010.97	1366.77
SJVN					
Naptha Jhakri	1500.00	7050.64	7207.73	6507.15	1316.24
Rampur	412.02	1960.42	2015.00	1828.77	374.22
Total SJVN - HP	1912.02	9011.06	9222.73	8335.92	1690.46
NTPC					
Kol Dam	800.00	3225.16	3313.62	3013.93	507.09
Total NTPC - HP	800.00	3225.16	3313.62	3013.93	507.09
HPPCL					
Kashang I	65.00	56.09	197.13	118.24	31.52
Kashang II & III	130.00				
Sainj	100.00	0.00	134.99	408.81	0.00
Total HPPCL	295.00	56.09	332.12	527.05	31.52
HPSEB LTD					
Bassi	66.00	297.76	315.17	251.56	78.74
Giri Bata	60.00	140.60	169.94	214.45	17.61
Larji	126.00	611.66	612.36	593.86	147.34
Sanjay	120.00	187.40	493.39	589.42	105.36
Total HPSEB LTD	372.00	1237.42	1590.86	1649.29	349.05
PSPCL					
Shanan	110.00	472.88	508.52	472.39	142.10
Total PSPCL-HP	110.00	472.88	508.52	472.39	142.10
Allain Duhangan Power Power Ltd.					
Allain Duhangan	192.00	679.12	683.01	582.23	109.87
Everest Power Private Ltd.					
Malana-II	100.00	366.54	368.89	349.39	62.07
HBPCL					
Baspa-II	300.00	1342.75	1336.65	1275.58	186.46
Karcham Wangtoo	1000.00	4372.29	4569.93	3968.69	716.06
Total HBPCL	1300.00	5715.04	5906.58	5244.27	902.52
GBHPPL					
Budhil	70.00	261.25	317.63	288.08	58.19
IA Energy Pvt. Ltd.					
Chanju I	36.00	11.29	79.42	137.45	43.00
Malana Power Company Ltd.					
Malana	86.00	353.79	346.29	320.55	62.51
Total H.P.	9809.02	37049.74	38783.00	35908.56	7162.22

JAMMU & KASHMIR					
NHPC					
Chutak	44.00	44.12	45.72	48.96	8.99
Dulhasti	390.00	2280.02	2343.86	2273.38	412.89
Nimoo Bazgo	45.00	95.21	98.83	105.55	17.26
Salal-I	345.00	3423.09	3247.09	3412.55	902.61
Salal-II	345.00				
Sewa-II	120.00	470.61	506.39	498.32	181.12
Uri	480.00	2803.10	2349.66	3048.29	706.52
Uri -II	240.00	1471.94	1207.44	1580.92	336.54
Kishenganga	330.00	0.00	1.68	529.25	221.63
Total NHPC -J&K	2339.00	10588.09	9800.67	11497.22	2787.56
JKSPDC					
Baglihar	450.00	2184.56	2506.71	2291.15	429.75
Baglihar II	450.00	1758.98	1821.95	1857.91	490.28
Lower Jhelum	105.00	483.15	480.99	589.33	110.69
Upper Sindh II	105.00	362.91	327.24	305.97	42.70
Total JKSPDC	1110.00	4789.60	5136.89	5044.36	1073.42
Total Jammu & Kashmir	3449.00	15377.69	14937.56	16541.58	3860.98
PUNJAB					
BBMB					
Ganguwal	77.65	416.54	494.09	599.37	96.37
Kotla	77.65	430.58	508.22	609.60	97.48
Total BBMB-Punjab	155.30	847.12	1002.31	1208.97	193.85
PSPCL					
A.P.Sahib I & II	134.00	673.87	647.81	427.78	111.11
Mukerian I - IV	207.00	1083.51	1270.76	1244.13	104.06
Ranjit Sagar	600.00	1306.08	1803.42	1454.52	453.16
Total PSPCL	941.00	3063.46	3721.99	3126.43	668.33
Total Punjab	1096.30	3910.58	4724.30	4335.40	862.18
RAJASTHAN					
RRVUNL					
Jawahar Sagar	99.00	307.55	261.10	247.00	2.08
Mahi Bajaj I & II	140.00	209.66	180.17	117.08	4.63
R.P. Sagar	172.00	448.78	378.26	334.32	0.02
Total RRVUNL	411.00	965.99	819.53	698.40	6.73
Total Rajasthan	411.00	965.99	819.53	698.40	6.73
UTTAR PRADESH					
UPJVNL					
Khara	72.00	268.93	259.14	286.14	65.89
Matatilla	30.60	122.68	93.81	97.48	9.37
Obra	99.00	216.71	299.96	231.03	9.00
Rihand	300.00	567.24	833.78	561.71	25.22
Total UPJVNL	501.60	1175.56	1486.69	1176.36	109.48
Total Uttar Pradesh	501.60	1175.56	1486.69	1176.36	109.48
UTTARAKHAND					
NHPC					
Dhauliganga	280.00	956.13	1153.16	1106.21	237.22
Tanakpur	94.20	430.29	459.74	452.89	85.36
Total NHPC-UK	374.20	1386.42	1612.90	1559.10	322.58
THDC LTD					
Tehri	1000.00	3146.32	3080.94	3172.08	471.90
Koteshwar	400.00	1224.55	1220.33	1223.84	223.52
Total THDC LTD - UK	1400.00	4370.87	4301.27	4395.92	695.42
UJVNL					
Chibro (Y.St.II)	240.00	714.00	783.57	809.53	174.94
Chilla	144.00	769.35	811.66	632.41	129.78
Dhakrani (Y.St.I)	33.75	120.19	129.68	147.48	31.37
Dhalipur (Y.St.I)	51.00	180.40	186.71	219.99	44.12
Khatima	41.40	180.14	212.60	232.25	36.27
Khodri (Y.St.II)	120.00	333.29	355.75	369.68	80.06

Kulhal (Y.St.IV)	30.00	122.20	123.97	146.55	28.12
Maneri Bhali-I	90.00	349.22	394.77	430.40	91.25
Maneri Bhali-II	304.00	1251.71	1276.65	1302.34	257.22
Ram Ganga	198.00	180.94	250.64	188.14	5.23
Total UJVNL	1252.15	4201.44	4526.00	4478.77	878.36
AHPC LTD					
Srinagar	330.00	1280.75	1382.54	1375.31	220.54
Jaiprakash Power Venture Ltd.					
Vishnu Prayag	400.00	2042.05	2160.90	1932.02	315.28
Total Uttarakhand	3756.35	13281.53	13983.61	13741.12	2432.18
CHHATISGARH					
CSPGC					
Hasdeo Bango	120.00	153.76	178.07	243.08	40.85
Total CSPGC	120.00	153.76	178.07	243.08	40.85
Total Chhatisgarh	120.00	153.76	178.07	243.08	40.85
GUJARAT					
GSECL					
Kadana PSS	240.00	339.01	308.92	237.39	11.70
Ukai	300.00	395.66	303.53	210.58	46.02
Total GSECL	540.00	734.67	612.45	447.97	57.72
SSNNL					
Sardar Sarovar CHPH	250.00	876.34	562.86	594.84	49.61
Sardar Sarovar RBPH	1200.00	2332.87	376.61	0.00	0.00
Total SSNNL	1450.00	3209.21	939.47	594.84	49.61
Total Gujarat	1990.00	3943.88	1551.92	1042.81	107.33
MADHYA PRADESH					
NHDC					
Indira Sagar	1000.00	3320.79	881.76	1308.79	181.04
Omkareshwar	520.00	1427.70	443.6	612.04	116.42
Total NHDC - MP	1520.00	4748.49	1325.36	1920.83	297.46
MPPGCL					
Bansagar Tons-I	315.00	1239.02	545.37	578.35	194.15
Bansagar Tons-II	30.00	109.73	56.12	37.09	16.90
Bansagar Tons-III	60.00	53.48	68.80	85.32	3.49
Bargi	90.00	445.47	159.05	356.19	21.23
Gandhi Sagar	115.00	351.00	351.38	249.88	0.66
Madhikheda	60.00	147.21	22.52	88.99	0.02
Rajghat	45.00	62.26	58.21	80.02	0.00
Total MPPGPCL	715.00	2408.17	1261.45	1475.84	236.45
Total M.P.	2235.00	7156.66	2586.81	3396.67	533.91
MAHARASHTRA					
MAHAGENCO					
Bhira Tail Race	80.00	101.58	97.15	94.57	12.80
Ghatghar PSS	250.00	383.87	152.83	192.98	24.70
Koyna DPH	36.00	156.02	135.15	196.18	44.17
Koyna St.I&II	600.00	1290.21	1051.22	1024.61	357.59
Koyna St.III	320.00	614.14	498.91	480.65	244.91
Koyna IV	1000.00	1245.48	945.47	1066.51	754.68
Tillari	60.00	106.16	57.81	110.96	18.14
Vaitarna	60.00	153.52	204.62	154.17	55.09
Total MAHAGENCO	2406.00	4050.98	3143.16	3320.63	1512.08
MPPGPCL					
Pench	160.00	360.14	159.53	131.61	10.85
Total MPPGPCL- Maha.	160.00	360.14	159.53	131.61	10.85
Dodson-Lindblom Hydro Power Pvt. Ltd. (DLHPPL)					
Bhandardhara - II	34.00	47.12	42.55	56.44	3.39
Total DLHP	34.00	47.12	42.55	56.44	3.39

Tata Power Company Ltd.					
Bhira	150.00	951.63	341.17	351.02	45.29
Bhira PSS	150.00		551.13	558.77	81.59
Bhivpuri	75.00	206.59	307.20	315.90	74.04
Khopoli	72.00	307.24	316.38	342.49	50.63
Total TPCL	447.00	1465.46	1515.88	1568.18	251.55
Total Maharashtra	3047.00	5923.70	4861.12	5076.86	1777.87
ANDHRA PRADESH					
APGENCO					
N.J.Sagar TPD	50.00	7.35	42.13	49.92	1.50
N.J.Sagar RBC	90.00	4.15	59.73	101.55	0.00
Srisailem RB	770.00	640.61	574.95	551.07	28.28
Upper sileru I & II	240.00	340.41	482.22	476.34	113.51
Lower Sileru	460.00	831.90	1109.77	1094.06	174.06
Total APGENCO	1610.00	1824.42	2268.80	2272.94	317.35
Total Andhra Pradesh	1610.00	1824.42	2268.80	2272.94	317.35
KARNATAKA					
KPCL					
Almatti Dam	290.00	404.05	441.58	408.42	4.64
Bhadra	26.00	27.06	15.69	55.21	1.68
Gerusoppa	240.00	276.60	280.89	525.67	85.50
Ghatprabha	32.00	48.74	48.37	80.67	8.16
Jog	139.20	288.25	191.48	194.44	41.97
Kadra	150.00	176.42	192.91	375.85	39.82
Kalinadi	855.00	1344.82	1537.28	2777.85	554.01
Supa DPH	100.00	239.20	290.98	596.16	107.68
Kodasali	120.00	154.16	170.94	345.56	51.09
Lingnamakki	55.00	105.64	125.55	252.53	35.71
Munirabad	28.00	31.49	51.38	89.42	0.00
Sharavathy	1035.00	2708.77	2722.35	4786.18	912.69
Shivasamudram	42.00	145.14	176.81	284.19	20.13
Varahi	460.00	740.75	762.44	1243.79	200.45
Total KPCL	3572.20	6691.09	7008.65	12015.94	2063.53
APGENCO					
T.B.Dam & Hampi	72.00	81.26	133.97	171.75	2.10
Total APGENCO-Karnataka	72.00	81.26	133.97	171.75	2.10
Total Karnataka	3644.20	6772.35	7142.62	12187.69	2065.63
KERALA					
KSEB Ltd.					
Idamalayar	75.00	171.72	256.26	345.50	59.33
Idukki	780.00	1380.06	1611.06	2920.43	635.15
Kakkad	50.00	131.68	159.88	221.66	39.12
Kuttiadi & Kuttiady Addl.	225.00	478.72	601.06	693.38	87.63
Lower Periyar	180.00	307.23	507.74	525.18	35.85
Neriamangalam	45.00	197.30	310.60	377.85	35.71
Pallivasal	37.50	166.05	188.39	185.25	23.61
Panniar	30.00	62.33	129.47	114.59	21.25
Poringalkuthu	32.00	91.10	116.74	94.60	3.93
Sabarigiri	300.00	798.79	968.46	1516.40	281.45
Sengulam	48.00	115.66	144.91	122.98	24.96
Sholayar	54.00	166.85	204.69	202.39	53.36
Total KSEB LTD.	1856.50	4067.49	5199.26	7320.21	1301.35
Total Kerala	1856.50	4067.49	5199.26	7320.21	1301.35
TAMIL NADU					
TANGEDCO					
Aliyar	60.00	61.73	90.08	48.57	5.33
Bhawani K Barrage-III	30.00	17.47	0.00	34.06	0.00
Bhawani K Barrage-II	30.00	19.83	37.62	77.16	2.63
Bhawani K Barrage-I	30.00	20.59	16.96	70.20	1.33

Kadamparai PSS	400.00	289.39	384.36	434.75	0.79
Kodayar I&II	100.00	169.43	123.98	194.08	11.46
Kundah I-V	555.00	815.61	806.23	1608.99	213.72
Lower Mettur I-IV	120.00	92.27	131.95	220.32	11.83
Mettur Dam	50.00	125.48	52.24	147.96	10.87
Mettur Tunnel	200.00		163.32	440.59	5.91
Moyar	36.00	61.52	94.40	161.99	13.93
Papanasam	32.00	66.54	115.28	120.91	1.55
Parson's Valley	30.00	23.95	27.11	45.94	0.00
Periyar	161.00	93.91	287.10	703.00	0.00
Pykara	59.20	12.74	0.98	22.05	0.04
Pykara Ultimate	150.00	192.55	274.11	507.96	40.21
Sarkarpathy	30.00	63.29	85.46	129.65	26.60
Sholayar I&II	70.00	228.11	157.73	220.86	0.00
Suruliyar	35.00	42.71	70.69	92.55	7.92
Total TANGEDCO	2178.20	2397.12	2919.60	5281.59	354.12
Total Tamilnadu	2178.20	2397.12	2919.60	5281.59	354.12
TELANGANA					
TSGENCO					
Lower Jurala	240.00	176.34	205.90	153.31	0.00
N.J.Sagar PSS	815.60	186.15	184.49	338.82	17.70
N.J.Sagar LBC	60.00	0.00	12.80	53.30	0.00
Pochampad	36.00	75.29	35.69	31.70	0.40
Priyadarshni Jurala	234.00	211.99	217.40	165.00	0.00
Pulichinthala	120.00	13.00	6.60	17.30	0.00
Srisaillam LB	900.00	617.22	829.10	985.18	20.73
Total TSGENCO	2405.60	1279.99	1491.98	1744.61	38.83
Total Telangana	2405.60	1279.99	1491.98	1744.61	38.83
JHARKHAND					
DVC					
Panchet	80.00	133.51	141.94	79.79	4.80
Total DVC - Jharkhand	80.00	133.51	141.94	79.79	4.80
JUUNL					
Subernarekha I&II	130.00	30.13	190.38	101.19	0.66
Total JUUNL	130.00	30.13	190.38	101.19	0.66
Total Jharkhand	210.00	163.64	332.32	180.98	5.46
ODISHA					
OHPC					
Balimela	510.00	1001.38	1477.19	1732.21	303.88
Hirakud I&II	347.50	716.97	863.05	548.58	96.05
Rengali	250.00	553.56	762.61	837.89	55.54
Upper Indravati	600.00	1521.64	1745.57	2141.84	403.50
Upper Kolab	320.00	619.34	706.87	923.25	139.11
Total OHPC	2027.50	4412.89	5555.29	6183.77	998.08
APGENCO					
Machkund	114.75	700.31	467.70	593.68	113.54
Total APGENCO-Odisha	114.75	700.31	467.70	593.68	113.54
Total Odisha	2142.25	5113.20	6022.99	6777.45	1111.62
SIKKIM					
NHPC					
Rangit	60.00	347.14	345.91	349.09	52.03
Teesta-V	510.00	2773.46	2818.78	2701.46	580.35
Total NHPC - Sikkim	570.00	3120.60	3164.69	3050.55	632.38
Teesta Urja Ltd. (TUL)					
Teesta III	1200.00	309.42	4429.33	4258.40	1116.67
Total TUL	1200.00	309.42	4429.33	4258.40	1116.67
DANS Energy Pvt. Ltd. (DEPL)					
Jorethang Loop	96.00	405.63	406.01	409.75	37.69
Shiga Energy Pvt. Ltd. (SEPL)					
Tashiding	97.00	0.00	73.07	423.73	40.62

Gati Infrastructure Pvt. Ltd. (GIPL)					
Chuzachen HEP	110.00	494.75	444.79	417.40	69.44
Sneha Kinetic					
Dikchu	96.00		370.10	462.24	81.31
Total Sikkim	2169.00	4330.40	8887.99	9022.07	1978.11
WEST BENGAL					
NHPC					
Teesta Low Dam-III	132.00	553.87	386.87	572.06	93.79
Teesta Low Dam-IV	160.00	602.53	495.15	708.45	114.93
Total NHPC - WB	292.00	1156.40	882.02	1280.51	208.72
DVC					
Maithon	63.20	122.03	114.41	101.36	1.28
Total DVC-WB	63.20	122.03	114.41	101.36	1.28
WBSEDCL					
Jaldhaka I	36.00	205.46	145.18	197.04	34.96
Purulia PSS	900.00	1106.97	1014.37	1103.97	161.24
Rammam II	50.00	248.42	122.47	236.93	23.36
Total WBSEDCL	986.00	1560.85	1282.02	1537.94	219.56
Total West Bengal	1341.20	2839.28	2278.45	2919.81	429.56
ARUNACHAL PRADESH					
NEEPCO					
Ranganadi	405.00	1249.01	1416.74	1051.85	172.88
Pare	110.00		0.00	347.16	62.90
Total NEEPCO-Arunachal	515.00	1249.01	1416.74	1399.01	235.78
Total Arunachal	515.00	1249.01	1416.74	1399.01	235.78
ASSAM					
NEEPCO					
Kopili	200.00	1088.27	1172.83	1117.82	148.95
Khandong	50.00	197.10	260.77	203.82	35.46
Total NEEPCO-Assam	250.00	1285.37	1433.60	1321.64	184.41
APGCL					
Karbi Langpi	100.00	396.59	484.98	372.72	40.34
Total APGCL	100.00	396.59	484.98	372.72	40.34
Total Assam	350.00	1681.96	1918.58	1694.36	224.75
NAGALAND					
NEEPCO					
Doyang	75.00	258.94	274.39	231.47	5.54
Total NEEPCO-Nagaland	75.00	258.94	274.39	231.47	5.54
Total Nagaland	75.00	258.94	274.39	231.47	5.54
MANIPUR					
NHPC					
Loktak (Manipur)	105.00	741.07	837.74	602.61	70.89
Total NHPC-Manipur	105.00	741.07	837.74	602.61	70.89
Total Manipur	105.00	741.07	837.74	602.61	70.89
MEGHALAYA					
MePGCL					
Kyrdemkulai	60.00	65.29	132.18	134.84	15.16
Myntdu	126.00	391.65	502.47	362.95	54.40
New Umtru	40.00		159.52	180.03	14.68
Umium St.I	36.00	96.65	128.65	85.11	10.61
Umium St.IV	60.00	166.01	217.44	166.60	16.34
Total MePGCL	322.00	719.60	1140.26	929.53	111.19
Total Meghalaya	322.00	719.60	1140.26	929.53	111.19
MIZORAM					
Tuirial	60.00		78.37	168.44	7.89
Total NEEPCO-Mizoram	60.00		78.37	168.44	7.89
Total Mizoram	60.00		78.37	168.44	7.89
Total All India	45399.22	122377.56	126122.70	134893.61	25151.80

ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 2108 TO BE ANSWERED IN THE LOK SABHA ON 04.07.2019.

State - wise list of Under Construction Hydro Electric Projects in the Country (above 25 MW)			
Sl. No.	Name of Scheme (Executing Agency)	Sector	I.C. (in MW) (No. x MW)
Andhra Pradesh			
1	Polavaram (APGENCO/ Irrigation Dept., A.P.)	State	12x80=960.00 MW
Sub-total: Andhra Pradesh			960.00 MW
Arunachal Pradesh			
2	Kameng (NEEPCO)	Central	4x150=600.00 MW
3	Subansiri Lower (NHPC)	Central	8x250=2000.00 MW
Sub-total: Arunachal Pradesh			2600.00 MW
Himachal Pradesh			
4	Parbati St. II (NHPC)	Central	4x200=800.00 MW
5	Uhi-III (BVPCL)	State	3x33.33=100.00 MW
6	Sawra Kuddu (HPPCL)	State	3x37=111.00 MW
7	Shongtong Karcham (HPPCL)	State	3x150=450.00 MW
8	Bajoli Holi (GMR)	Private	3x60=180.00 MW
9	Sorang (HSPCL)	Private	2x50=100.00 MW
10	Tangnu Romai (TRPG)	Private	2x22=44.00 MW
11	Tidong-I (Statkraft IPL)	Private	100.00=100.00 MW
Sub-total: Himachal Pradesh			1885.00 MW
Jammu & Kashmir			
12	Pakal Dul (CVPPL)	Central	4x250=1000.00 MW
13	Parnai (JKSPDC)	State	3x12.5=37.50 MW
14	Lower Kalnai (JKSPDC)	State	2x24=48.00 MW
15	Ratle (RHEPPL)	Private	4x205 + 1x30=850.00 MW
Sub-total: Jammu & Kashmir			1935.50 MW
Kerala			
16	Pallivasal (KSEB)	State	2x30=60.00 MW
17	Thottiyar (KSEB)	State	1x30+1x10=40.00 MW
Sub-total: Kerala			100.00 MW
Madhya Pradesh			
18	Maheshwar (SMHPCL)	Private	10x40=400.00 MW
Sub-total: Madhya Pradesh			400.00 MW
Maharashtra			
19	Koyna Left Bank (WRD,MAH)	State	2x40=80.00 MW
Sub-total: Maharashtra			80.00 MW
Punjab			
20	Shahpurkandi (PSPCL/ Irrigation Deptt., Pb.)	State	3x33+3x33+1x8=206.00 MW
Sub-total: Punjab			206.00 MW
Sikkim			
21	Teesta St. VI NHPC	Central	4x125=500.00 MW
22	Bhasmey (Gati Infrastructure)	Private	3x17=51.00 MW
23	Rangit-IV (JAL Power)	Private	3x40=120.00 MW
24	Rangit-II (Sikkim Hydro)	Private	2x33=66.00 MW
25	Rongnichu (Madhya Bharat)	Private	2x48=96.00 MW
26	Panan (Himagiri)	Private	4x75=300.00 MW
Sub-total: Sikkim			1133.00 MW

	Tamil Nadu		
27	Kundah Pumped Storage	State	1x125=125.00 MW
	Sub-total: Tamil Nadu		125.00 MW
	Uttarakhand		
28	Lata Tapovan (NTPC)	Central	3x57=171.00 MW
29	Tapovan Vishnugad (NTPC)	Central	4x130=520.00 MW
30	Tehri PSS (THDC)	Central	4x250=1000.00 MW
31	Vishnugad Pipalkoti (THDC)	Central	4x111=444.00 MW
32	Naitwar Mori (SJVNL)	Central	2x30=60.00 MW
33	Vyasi (UJVNL)	State	2x60=120.00 MW
34	Phata Byung (LANCO)	Private	2x38=76.00 MW
35	Singoli Bhatwari (L&T)	Private	3x33=99.00 MW
	Sub-total: Uttarakhand		2490.00 MW
	West Bengal		
36	Rammam-III (NTPC)	Central	3x40=120.00 MW
	Sub-total: West Bengal		120.00 MW
	Total:		12034.50 MW

ANNEXURE-III

ANNEXURE REFERRED TO IN REPLY TO PART (d) OF UNSTARRED QUESTION NO. 2108 TO BE ANSWERED IN THE LOK SABHA ON 04.07.2019.

Stalled Under Construction Hydro Power Projects

(As on 31.05.2019)

Sl. No.	Name of Project/ Executing Agency / Capacity (MW)	State / District	Cost over-run (Rs. Cr.)
Central Sector			
1	Lata Tapovan, NTPC Limited 3x57=171 MW	Uttarakhand/ Chamoli	274.07
2	Subansiri Lower, NHPC Limited 8x250=2000 MW	Arunachal Pradesh / Assam Lower Subansiri/ Dhemaji	13211.01
3	Teesta VI, Lanco Teesta Hydro Power Ltd. 4x125=500 MW (Project taken over by NHPC w.e.f. 08.03.2019)	Sikkim/South Sikkim	The project has been allotted afresh to NHPC Ltd. through bidding process by NCLT.
State Sector			
4	Koyna Left Bank PSS, WRD, Govt. of Maharashtra 2x40=80 MW	Maharashtra/Satara	1249.92
5	Lower Kalnai, JKSPDC 2x24=48 MW	J&K/Kishtwar	Not updated by the developer
Private Sector			
6	Maheshwar, Shree Maheshwar Hydel Power Corporation Limited 10x40= 400 MW	M.P./Khargone & Khandwa	6551.73
7	Rangit-IV, Jai Power Corp. Ltd. (JPCL) 3x40= 120 MW	Sikkim/ West Sikkim	966.43
8	Panan, Himagiri Hydro Energy Pvt Ltd. 4x75 = 300 MW	Sikkim/North Sikkim	682.95
9	Ratle, GVK Ratle Hydro Electric Project Pvt. Ltd. 4x205+1x30=850 MW	J&K/Kishtwar	921.26
10	Tangnu Romai, Tangnu Romai Power Generation 2x22=44 MW	H.P./Shimla	386.89
11	Rangit II, Sikkim Hydro Pvt. Ltd. 2x33=66 MW	Sikkim/West Sikkim	Not updated by the developer
12	Bhasmey, Gati Infrastructure 2x25.5=51 MW	Sikkim/East Sikkim	281.80
13	Phata Byung, Lanco 2x38=76 MW	Uttarakhand/ Rudraprayag	612

Total = 13 Nos. (4706 MW)

Note :- The cost figures are as furnished by the developers in the monthly progress reports.
