

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.1854
TO BE ANSWERED ON 28.07.2016**

POWER GENERATION

†1854. SHRIMATI KAMLA DEVI PAATLE:

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

- (a) whether various power plants are generating less electricity compared to its installed capacity, if so, the details thereof and the reasons therefor;**
- (b) whether the working of the said plants have been reviewed by the Union Government, if so, the details thereof; and**
- (c) the corrective measures being taken by the Government to increase generating the capacity of those power plants?**

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) : Generation of electricity in a power plant is a function of plant load factor, fuel availability, scheduling, transmission availability etc. During the current year 2016-17 (April-June), the electricity generation was 296.48 Billion Units showing a growth of 9%. However, some of the power plants have generated less electricity as compared to their targets. The details of such plants is given at Annex.

Some of the major reasons for less electricity generation, inter-alia, are (i) additional generation capacity at a faster pace than the growth in demand; (ii) non-availability of additional gas; (iii) poor financial health of Discoms; and (iv) less availability of water affecting hydro power plants etc.

(b) : Central Electricity Authority (CEA) monitors the generation from all the generating plants (above 25 MW capacity) on daily, monthly and annual basis. Such reports are also hosted on the website of CEA.

(c) : The various measures being taken to increase generation are as under:

- (i) To revive and improve utilization of the stranded gas based power generation capacity in the country, Government of India has sanctioned a scheme supported with PSDF (Power System Development Fund) for utilization of gas based power generation capacity for the years 2015-16 and 2016-17. The scheme envisages supply of imported spot Re-Gassified Liquefied Natural Gas (RLNG) to the stranded gas based plants as well as plants receiving domestic gas, selected through a reverse e-bidding process.**
- (ii) UDAY (Ujwal DISCOM Assurance Yojana), a scheme for the Financial turnaround and operational improvements of Power Distribution Companies (DISCOMs), has been approved by the Government of India with an objective to improve the operational and financial efficiency of the State DISCOMs, which may enable them to procure power from the generators, thus increasing their Plant Load Factor.**
- (iii) With "24x7 Power for All" initiative taken jointly with the State Governments, the access to electricity would increase and accordingly the electricity demand would also increase leading to increased utilisation of power generation.**

ANNEX REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 1854 TO BE ANSWERED IN THE LOK SABHA ON 28.07.2016.

List of Power Plants generating less electricity than the target during April to June, 2016				
NAME OF THE STATION	Monitored Capacity as on 30.06.2016	Target (April-June 16)	Actual Gen (April-June 16)	% target
ALLAIN DUHANGAN HPS	192	227	215.22	-5.19
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SRINAGAR HPS	330	395	301.31	-23.72
SRISAILAM HPS	770	104	6.75	-93.51
UPPER SILERU HPS	240	98	37.05	-62.19
GANGUWAL HPS	77.65	98	97.88	-0.12
HASDEOBANGO HPS	120	40	29.19	-27.03
JORETHANG LOOP	96	115	78.03	-32.15
BHANDARDHARA HPS ST-II	34	13	4.59	-64.69
MAITHON HPS.	63.2	18	2.36	-86.89
PANCHET HPS.	80	16	1.07	-93.31
MALANA-II HPS	100	114	112.42	-1.39
BUDHIL HPS	70	111	79.15	-28.69
UKAI HPS	300	135	97.03	-28.13
BASSI HPS	60	106	98.39	-7.18
LARJI HPS	126	223	207.85	-6.79
BAGLIHAR HPS	450	920	753.71	-18.08
LOWER JHELMUM HPS	105	199	145.27	-27.00
SUBERNREKHA HPS.	130	4	0.19	-95.25
ALMATTI DPH HPS	290	2	0.55	-72.50
BHADRA HPS	39.2	5	2.49	-50.20
GERUSUPPA HPS	240	96	64.13	-33.20
KADRA HPS	150	56	37.78	-32.54
KALINADI HPS	855	543	377.08	-30.56
KODASALI HPS	120	64	40.88	-36.13
SHARAVATHI HPS	1035	708	553.93	-21.76
SIVASAMUNDRUM HPS	42	32	23.65	-26.09
VARAHI HPS	460	236	206.77	-12.39
IDAMALAYAR HPS.	75	82	55.64	-32.15
IDUKKI HPS.	780	689	488.17	-29.15
KAKKAD HPS.	50	55	42.37	-22.96
KUTTIYADI HPS.	125	137	87.24	-36.32
LOWER PERIYAR HPS.	180	93	61.27	-34.12
NARIAMANGLAM HPS	70	64	44.75	-30.08
PALLIVASAL HPS.	37.5	52	47.59	-8.48
PORINGALKUTTU HPS.	32	29	11.51	-60.31
SABARIGIRI HPS.	300	368	260.6	-29.18
SENGULAM HPS.	48	32	30.21	-5.59
SHOLAYAR HPS.	54	61	60.86	-0.23
GHATGHAR PSS HPS	250	105	75.76	-27.85
KOYNA-I HPS	280	290	134.79	-53.52
KOYNA-III HPS	320	184	110.24	-40.09
KOYNA-IV HPS	1000	596	199.46	-66.53
TILLARI HPS	60	22	20.17	-8.32
VAITARNA HPS	60	60	24.69	-58.85
KYRDEMKULAI HPS.	60	21	20.21	-3.76
MYNTDU(LESHKA) St-1 HPS	126	108	102.23	-5.34
BANSAGAR TONS-II HPS	30	13	7.97	-38.69
BARGI HPS	90	95	70.77	-25.51
PENCH HPS	160	47	22.12	-52.94
INDIRA SAGAR HPS	1000	340	327.59	-3.65
OMKARESHWAR HPS	520	186	175.23	-5.79
BAIRA SIUL HPS	180	277	231	-16.61
CHAMERA- I HPS	540	869	768.09	-11.61
CHUTAK HPS	44	15	9.76	-34.93
PARBATI-III HPS	520	219	201.06	-8.19

RANGIT HPS	60	80	79.2	-1.00
SEWA-II HPS	120	203	128.97	-36.47
TANAKPUR HPS	94.2	92	85.53	-7.03
TEESTA LOW DAM-III HPS	132	152	146.16	-3.84
BALIMELA HPS.	510	321	176.74	-44.94
HIRAKUD HPS	347.5	155	109.87	-29.12
MACHKUND HPS	114.75	117	93.44	-20.14
RENGALI HPS.	250	95	82.85	-12.79
ANANDPUR SAHIB HPS	134	192	191.04	-0.50
RANJIT SAGAR HPS	600	503	309.85	-38.40
SHANAN HPS	110	211	150.76	-28.55
MAHI BAJAJ HPS	140	20	4.75	-76.25
S SAROVAR CHPH HPS	250	110	94.84	-13.78
BHIRA HPS	150	200	61.6	-69.20
BHIVPURI HPS	75	85	39.9	-53.06
KHOPOLI HPS	72	75	47.08	-37.23
KOTESHWAR HPS	400	236	210.01	-11.01
TEHRI ST-1 HPS	1000	438	408.88	-6.65
BHAWANI KATTAL	30	6	1.81	-69.83
KADAMPARI HPS.	400	82	66.3	-19.15
KUNDAH HPS.	555	396	367.37	-7.23
LOWER METTUR HPS.	120	24	8	-66.67
METTUR DAM HPS.	50	19	13.04	-31.37
MOYAR HPS	36	39	29.04	-25.54
PARSON'S VALLEY HPS.	30	9	8.64	-4.00
PERIYAR HPS.	140	32	3.42	-89.31
PYKARA HPS.	59.2	11	0.95	-91.36
SHOLAYAR HPS.	95	30	8.37	-72.10
LOWER SILERU HPS	460	255	117.46	-53.94
NAGARJUN SGR HPS	815.6	44	16.48	-62.55
CHIBRO (YAMUNA) HPS	240	220	171.85	-21.89
CHILLA HPS	144	213	185.82	-12.76
KHODRI HPS	120	102	81.57	-20.03
MANERI BHALI - I HPS	90	155	116.51	-24.83
RAMGANGA HPS	198	73	24.37	-66.62
KHARA HPS	72	85	59.73	-29.73
MATATILA HPS	30.6	10	3.17	-68.30
OBRA HPS	99	36	22.31	-38.03
RIHAND HPS	300	96	56.69	-40.95
PURULIA PSS HPS.	900	357	265.68	-25.58
RAMMAM HPS.	50	53	44.66	-15.74
KAIGA	880	1636	1392.31	-14.90
MADRAS A.P.S.	440	801	765.75	-4.40
RAJASTHAN A.P.S.	1080	2006	1854.03	-7.58
TARAPUR	1400	2635	2131.53	-19.11
KASAIPALLI TPP	270	498	455.08	-8.62
INDIRA GANDHI STPP	1500	1871	1772.78	-5.25
Dr. N.TATA RAO TPS	1760	3249	2966.85	-8.68
RAYALASEEMA TPS	1050	1887	1775.21	-5.92
LAKWA GT	157.2	222	220.73	-0.57
NAMRUP CCPP	119	106	81	-23.58
TIRORA TPS	3300	4708	3002.82	-36.22
MUNDRA UMTTP	4000	6910	5419.02	-21.58
BOKARO `B` TPS	630	510	442.56	-13.22
DURGAPUR TPS	340	282	128.11	-54.57
EMCO WARORA TPS	600	972	577.33	-40.60
RAIKHEDA TPP	1370	546	278.41	-49.01
AKRIMOTA LIG TPS	250	400	345.01	-13.75
KAMALANGA TPS	1050	1655	1654.53	-0.03
UKAI TPS	1350	1513	1319.2	-12.81
HAZIRA CCPP	156.1	29	24.22	-16.48
HALDIA TPP	600	1123	1077.7	-4.03
YAMUNA NAGAR TPS	600	764	700.46	-8.32
TUTICORIN (P) TPP	300	187	23.62	-87.37
I.P.CCPP	270	179	174.54	-2.49
PRAGATI CCGT-III	1500	439	391.37	-10.85
MAHATMA GANDHI TPS	1320	1292	807.64	-37.49
OP JINDAL TPS	1000	1268	1105.26	-12.83
TAMNAR TPP	2400	1352	1070.19	-20.84

BINA TPS	500	584	6.36	-98.91
PATRATU TPS	770	150	121.8	-18.80
TORANGALLU TPS(SBU-I)	260	503	484.65	-3.65
TORANGALLU TPS(SBU-II)	600	1035	921.63	-10.95
KONDAPALLI CCPP	350	151	113.52	-24.82
BELLARY TPS	1700	1688	1589.88	-5.81
RAICHUR TPS	1720	2944	2575.27	-12.52
BRAMHAPURAM DG	63.96	9	5.51	-38.78
CHANDRAPUR(MAHARASHTRA) STPS	3340	3415	3078.18	-9.86
KORADI TPS	2360	1593	1280.87	-19.59
BANDAKHAR TPP	300	176	52.61	-70.11
SATPURA TPS	1330	1370	1012.99	-26.06
SHRI SINGHAJI TPP	1200	1556	258.63	-83.38
AGARTALA GT	109.5	188	182.12	-3.13
MONARCHAK CCPP	101	76	12.9	-83.03
BARSINGSAR LIGNITE	250	252	210.27	-16.56
NEYVELI (EXT) TPS	420	826	796.18	-3.61
NEYVELI TPS- I	600	1006	916.29	-8.92
NEYVELI TPS-II EXP	500	895	312.82	-65.05
VALLUR TPP	1500	2265	2005.68	-11.45
ANTA CCPP	419.33	249	113.86	-54.27
AURAIYA CCPP	663.36	421	208.67	-50.43
BARH II	1320	1924	1735.96	-9.77
DADRI (NCTPP)	1820	2822	2530.91	-10.32
FARAKKA STPS	2100	3209	2903.68	-9.51
FARIDABAD CCPP	431.59	279	270.51	-3.04
R. GANDHI CCPP (Liq.)	359.58	136	15.4	-88.68
RAMAGUNDEM STPS	2600	4951	4904.42	-0.94
SIMHADRI	2000	3813	3725.69	-2.29
SINGRAULI STPS	2000	3748	3343.92	-10.78
UNCHAHAHAR TPS	1050	1679	1674.97	-0.24
TUTICORIN (JV) TPP	1000	1848	1464.6	-20.75
TRIPURA CCPP	726.6	997	953.01	-4.41
IB VALLEY TPS	420	826	748.61	-9.37
ROPAR TPS	1260	1039	925.74	-10.90
AMARAVATI TPS	1350	1753	1408.94	-19.63
RATNAGIRI CCPP III	740	747	541.84	-27.46
DAHANU TPS	500	1077	885.09	-17.82
ROSA TPP Ph-I	1200	2159	2072.25	-4.02
RAMGARH CCPP	273.8	410	396.37	-3.32
SURATGARH TPS	1500	1639	1631.69	-0.45
JALIPA KAPURDI TPP	1080	1862	1633.21	-12.29
RATIJA TPS	50	51	49.8	-2.35
STERLITE TPP	2400	2359	1987.29	-15.76
SIMHAPURI TPS	600	1086	855.38	-21.24
SASAN UMTTP	3960	8192	8003.49	-2.30
NEYVELI TPS(Z)	250	461	336.66	-26.97
JOJOBERA TPS	360	638	568.49	-10.89
TROMBAY TPS	1400	1522	1442.76	-5.21
ENNORE TPS	450	102	95.39	-6.48
KUTTALAM CCPP	100	141	83.41	-40.84
METTUR TPS	1440	2169	2155.04	-0.64
NORTH CHENNAI TPS	1830	2928	2920.84	-0.24
VALUTHUR CCPP	186.2	199	166.86	-16.15
PAINAMPURAM TPP	1320	2244	1990.9	-11.28
BARAMURA GT	58.5	74	52.53	-29.01
KOTHAGUDEM TPS	720	1106	1069.76	-3.28
TENUGHAT TPS	420	596	386.22	-35.20
HARDUAGANJ TPS	665	1191	1125.63	-5.49
OBRA TPS	1278	1068	1062.04	-0.56
PANKI TPS	210	196	187.73	-4.22
WARDHA WARORA TPP	540	515	341.17	-33.75
