

12.1	Tuberculosis (TB) case notification rate (Public and Private Institutions) as against estimated cases
12.2	TB Treatment success rate among notified TB patients (public and private)
13.1	Establishment of Health & Wellness Centres (HWCs)
13.2	Proportion of Primary Health Centers compliant to Indian Public Health Standards
13.3	functional FRUs (First referral units) rate
13.4	Availability of specialist services in District hospitals against IPHS norms
13.5	Conduct of village health, Sanitation, Nutrition Days
13.6	Proportion of Anganwadis with own buildings
13.7	Percentage of First referral units (FRU) having labour room and obstetrics OT NQAS certified (i.e., meet LaQShya guidelines)
14.1	Transition Rate (a) Primary to Upper Primary level
14.2	(b) Upper Primary to Secondary level
15	Toilet access: % schools with functional girls' toilets
16	Learning outcomes (Average in government schools) (a) Mathematics performance in Class 3 (b) Language performance in Class 3 (c) Mathematics performance in Class 5 (d) Language performance in Class 5 (e) Mathematics performance in Class 8 (f) Language performance in Class 8
17	Female literacy rate (15+ Age group)
18	Percentage of schools with functional drinking water facility
19	Percentage of schools with functional electricity facility at secondary level
20	Percentage of elementary schools complying with RTE specified Pupil Teacher Ratio
21	Percentage of schools providing textbooks to children within 1 month of start of the academic session
22	Water Positive investments and Employment
(a)	Percentage of net sown area under micro-irrigation
(b)	Number of water bodies rejuvenated under MGNREGA
23	Crop Insurance- Percentage of net sown area under Pradhan Mantri Fasal Bima Yojana (PMFBY)
24	Increase in Critical Inputs usage and supply
(a)	3 (a) Percentage increase in agricultural credit
(b)	3 (b) Certified quality seed distribution
25	Number of mandi in the district linked to electronic market
26	A) Percentage change in Price Realization (Wheat) B) Percentage change in Price Realization (Paddy Common, Paddy Grade A)

27	Percentage share of high value crops to total sown area in district
28	Agricultural productivity of 2 major crops
29	Percentage of animals vaccinated
30	Artificial Insemination coverage
31	Number of Soil Health Cards distributed
32	Total Disbursement of Mudra loan (in rupees) per 1 Lakh population
33	Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY): Number of Enrolments per 1 Lakh population
34	Pradhan Mantri Suraksha Bima Yojana (PMSBY): Number of Enrolments per 1 Lakh population
35	Atal Pension Yojana (APY): Number of Beneficiaries per 1 Lakh population
36	Percentage of bank accounts seeded with Aadhaar as a percentage of total banking accounts
37	Number of accounts opened under Pradhan Mantri Jan Dhan Yojana
38	No of youth certified in short term and long-term training [#] schemes / no of youth in district in age group 15-29*
39	No of certified youth employed [#] /No of youth trained under short term and long-term training
40	Number of Apprentices completing/Total number of trainees registered on the portal
41	No of people certified under Recognition of Prior Learning [#] / Non formally skilled workforce **
42	Number of Vulnerable/Marginalized youth certified trained under short term and long term training a) Women - certified trained, b) SC - certified trained c) ST - certified trained d) OBC - certified trained e) Minorities - certified trained f) Differently abled - certified trained) / Total Number of youth certified trained
43	Percentage of households with electricity connection
44	Percentage of Gram panchayats with internet connection
45	(a) Percentage of habitations with access to all weather roads under PMGSY (b) Cumulative number of kilometres of all-weather road work completed as a percentage of total sanctioned kilometres in the district under PMGSY
46	Percentage of households with Individual Household Latrines
47	Percentage of Rural habitations with access to adequate quantity of potable water - 40 lpcd drinking water in rural
48	Coverage/ establishment of Common Service Centres at Gram Panchayat level
49	Number of pucca houses constructed for household who are shelter-less or having one room with kuchha wall and kuchha roof or having 2 room with kuchha wall and roof

GOVERNMENT OF INDIA
MINISTRY OF POWER

RAJYA SABHA
UNSTARRED QUESTION NO.1269
ANSWERED ON 10.03.2025

STATUS OF UPPER INDRAVATI PROJECT AND
PUMPED STORAGE IN THE COUNTRY

1269 SHRI SUBHASISH KHUNTIA:
DR. SASMIT PATRA:
SHRI MUZIBULLA KHAN:

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

- (a) the current status of the 600 MW Upper Indravati Hydro Electric Project in the State of Odisha;
- (b) the current status of pumped storage projects in the country, including ongoing and proposed projects;
- (c) the estimated potential of 'on-river pumped storage' in the country, and the steps being taken to harness this potential for enhancing grid stability and renewable energy integration; and
- (d) the details on the timelines, progress and any challenges being faced in these areas?

A N S W E R

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI SHRIPAD NAIK)

(a) : Central Electricity Authority (CEA) has accorded concurrence to Upper Indravati Pumped Storage Project (PSP) (600 MW) of Odisha Hydro Power Corporation Ltd. (OHPC), a Government of Odisha undertaking, in Odisha on 19.08.2024. Further, High Level Clearance Authority (HLCA), Govt. of Odisha has accorded approval to the project on 07.12.2024.

(b) : At present, the country is having eight (8) nos. of PSPs with aggregate installed capacity of 4,746 MW (**Details at Annexure-I**). Besides, six (6) nos. of PSPs with aggregate installed capacity of 8,450 MW are under construction (**Details at Annexure-II**). Further, four (4) nos. of PSPs with aggregate installed capacity of 4,100 MW have been concurred by CEA (**Details at Annexure-III**).

(c) : As per information available in CEA, the exploitable potential of on-river PSPs in the country is about 61,975 MW. To harness the hydro pumped storage potential, the Government of India has taken various initiatives, which are as under:

- i. Guidelines to promote development of PSPs in the country was issued on 10th April, 2023.

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- ii. Budgetary support towards cost of enabling infrastructure, i.e. roads, bridges, ropeways, railway siding, communication infrastructure and Transmission Line from power house to the nearest pooling point, including upgradation of pooling substations of State or Central Transmission Utility.
 - iii. Waiver of Inter State Transmission System (ISTS) charges.
 - iv. Hydro Renewable Energy Consumption Obligation by Designated Consumers.
 - v. Reduction of timeline by CEA for concurrence of Detailed Project Reports (DPR) of PSPs.
- (d) :** The major challenges being faced in development of PSPs, which impacts timelines and financial viability of projects, are:
- i. Complex process of preparation & appraisal of DPRs and Environment/Forest Clearance.
 - ii. Imposition of Green Energy cess, water tax, reservoir lease charges and Electricity Duty by some States.

ANNEXURE REFERRED IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 1269 ANSWERED IN THE RAJYA SABHA ON 10.03.2025

Installed Capacity of PSPs in the Country

Sl. No.	Utilities/ Stations	Capacity (MW)
A	Western Region (WR)	
	GUJARAT	
	State Sector	
	GSECL	
1	Kadana	240
	SSNNL	
2	Sardar Sarovar RBPH	1200
	Sub Total Gujarat	1440
	MAHARASHTRA	
	State Sector	
	MAHAGENCO	
3	Ghatgarh	250
	Private Sector	
	Tata Power Company	
4	Bhira	150
	Sub-Total Maharashtra	400
	Total WR	1840
B	Southern Region (SR)	
	TELANGANA	
	State Sector	
	TSGENCO	
5	N J Sagar	706
6	Srisaillam LBPH	900
	Sub-Total TELANGANA	1606
	TAMIL NADU	
	State Sector	
	TANGEDCO	
7	Kadamparai	400
	Sub-Total TAMIL NADU	400
	Total SR	2006
C	Eastern Region (ER)	
	WEST BENGAL	
	State Sector	
	WBSEDCL	
8	Purulia	900
	Sub-Total West Bengal	900
	Total ER	900
	Total- All India	4746
