

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.167
ANSWERED ON 29.01.2026**

POWER GRID AND TRANSMISSION INFRASTRUCTURE

**167. SMT. SUPRIYA SULE:
SHRI MOHITE PATIL DHAIRYASHEEL RAJSINH:**

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

- (a) whether the Union Government, in coordination with the State Government of Maharashtra has assessed the adequacy of Maharashtra's power grid and transmission infrastructure in view of rising demand from agriculture, MSMEs and large industrial clusters and if so, the details thereof;
- (b) whether existing capacity is proving insufficient in several regions and if so, the details thereof;
- (c) the number of power cuts, unscheduled outages and load-shedding incidents reported in rural and industrial areas of Maharashtra during the last two years, district-wise, and their impact on farm operations, industrial output and employment;
- (d) whether persistent disruptions are attributable to transmission bottlenecks, ageing transformers, weak grid resilience, fuel constraints or financial stress of distribution utilities and if so, the details thereof along with the corrective steps taken by the Government in this regard;
- (e) the details and timelines of new power generation projects, sub-stations and transmission lines approved for Maharashtra; and
- (f) whether delays in commissioning have aggravated chronic power supply constraints in the State and if so, the reaction of the Union Government thereto?

A N S W E R

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI SHRIPAD NAIK)

(a) to (c) : As Electricity is a concurrent subject, the planning, development and operation of the Intra-State power grid and transmission infrastructure is primarily the responsibility of the State Government of Maharashtra.

The Central Government, through the Ministry of Power and Central agencies, works in coordination with the State Governments, including Maharashtra, and provides technical and planning support, including assistance in Resource Adequacy (RA) assessment and transmission system planning, taking into account potential growth in electricity demand including demand from agriculture and industrial clusters.

Strengthening and augmentation of Inter-State and Intra-State transmission infrastructure is planned and undertaken in a phased manner to cater to increased demand and system reliability.

(d) : As per Maharashtra State Electricity Transmission Company Ltd. (MSETCL), presently the constraints are seen in two Intra-State transmission lines: 400 kV Pune (PG)-Chakan line and 220 kV Babhleshwar - Nashik line. Remedial measures have been taken for implementation of additional lines and substations to mitigate the problem.

(e) : With regard to generation capacity, one thermal power project, namely Koradi Thermal Power Station, Stage-V (Units 11 & 12 of 2×660 MW) is under construction in Maharashtra, which is scheduled for commissioning by November 2029.

The existing available transfer capacity (ATC) of Maharashtra state is 10,800 MW and Total Transfer Capacity (TTC) is 11,300MW, which suffice the current need of transmission of power from Inter State Transmission System (ISTS) network. However, to cater to future power demand of Maharashtra 13 number of ISTS projects are under implementation. Details are at Annexure-I.

As per Maharashtra State Transmission Utility, in order to augment the Intra-State Transmission System (In-STS) of Maharashtra, a total number of 196 Extra High Voltage (EHV) substations and 19,360 Circuit kilometres (ckm) of new EHV lines of voltage level 100 kV to 765 kV are planned for implementation upto 2033-34. Presently, 11 number of In-STS transmission schemes are under implementation. Details are at Annexure-II.

(f) : The energy supplied in the State of Maharashtra is commensurate to the requirement of electricity in the state. The gap between Energy Requirement and Energy Supplied has declined significantly from 0.1% during 2022-23 to 'Nil' during the current year.

ANNEXURE-I**ANNEXURE REFERRED IN REPLY TO PART (e) OF UNSTARRED QUESTION NO. 167 ANSWERED IN THE LOK SABHA ON 29.01.2026**

Inter-State Transmission Schemes

SI No	Transmission System	Anticipated SCOD
1	Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-V (8GW): Part A	May'29
2	Inter-Regional Strengthening between SR Grid and WR Grid	October'27
3	Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part C	October'26
4	ISTS Network Expansion scheme in Western Region & Southern Region for export of surplus power during high RE scenario in Southern Region	June'26
5	Potential REZ in Khavda area of Gujarat under Phase-IV (7GW): Part D	September'27
6	Network Expansion scheme in Western Region to cater to Pumped storage potential near Talegaon (Pune)	January'28
7	Transmission scheme for evacuation of Power from Dhule 2 GW REZ	June'26
8	Western Region Network Expansion Scheme in Kallam area of Maharashtra	June'26
9	Transmission system for evacuation of power from RE projects in Solapur	June'26
10	Transmission Network Expansion in Gujarat to increase its ATC from ISTS Part B	March'26
11	Augmentation of Transformation capacity at 400/220 KV Boisar Substation in Maharashtra by 400/220 kV, 1x500 MVA (5th) ICT	February'26
12	Transmission System for Evacuation of power from Potential RE Zone in Khavda Area of Gujarat under phase IV (7GW)-Part E4	March'26
13	Augmentation of Transformation capacity by 400/220 kV, 1x500 MVA (3rd) ICT at Navi Mumbai (GIS) (PG) S/s in Maharashtra	September'27

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Intra State Transmission Schemes in Maharashtra

SI No	Transmission System	Anticipated SCOD
1	Reconductoring of 400 kV Pune(PG)-Chakan-S/c	Feb'26
2	400/220 kV Pimpalgaon S/s along with associated transmission system	Sept'27
3	1500 MVA, 765/400 kV Ektuni ICT-3	Mar'27
4	500 MVA, 400/220 kV Alkud ICT-2	June'26
5	400/220 kV Padghe (Mh) bus split S/s along with associated transmission system	Mar'29
6	400/220 kV Kalwa(Mh) bus split S/s along with associated transmission system	Mar'28
7	STATCOMs in In-STS system ((1) 400 kV Karad (2) 400 kV Jejuri (3) 400 kV Dhule (4) 400 kV Kalwa (5) 400 kV Padghe (6) 220 kV Borivali (7) 220 kV Boisar (8) 220 kV Aarey (9) 400 kV Chakan (10) 400 kV Lonikand)	400 kV Dhule and 400 kV Lonikand – Sept'2028 Rest Others – Mar'30
8	400/220 kV Velgaon S/s along with associated transmission system	Jan'28
9	400/220 kV Hinjewadi S/s along with associated transmission system	March'26
10	400 kV Bableshwar-Kudus-D/c & 220 kV outlets from Kudus (2x500 MVA, 400/220 kV Kudus ICTs idle charged from 2017)	March'26
11	220 kV downstream network from Pune(GIS)	Jan'26
