

GOVERNMENT OF INDIA
MINISTRY OF POWER

RAJYA SABHA
UNSTARRED QUESTION NO.2537
ANSWERED ON 10.08.2026

**UNDERGROUND CABLING UNDER INTEGRATED POWER DEVELOPMENT SCHEME
IN AP**

2537 SHRI BHASHYAM RAMA KRISHNA:

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

- (a) the current status of implementation of underground cabling (UG) and Aerial Bunched (AB) cabling works undertaken in the State of Andhra Pradesh under the Integrated Power Development Scheme (IPDS), in place of conventional overhead lines;
- (b) the extent of such cabling completed so far in the State, and the reasons for delay, if any, in the remaining sanctioned works; and
- (c) the progress made in converting theft-prone, accident-prone, and coastal/cyclone-affected areas of the State to underground/AB cabling under the scheme?

A N S W E R

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI SHRIPAD NAIK)

(a) to (c): Electricity is a concurrent subject and power distribution is handled by distribution utilities that function under the guidance of their respective State Electricity Regulatory Commission (SERC) and State Government. Government of India (GoI) has supplemented the efforts of States through various schemes to help them improve quality of power supply.

GoI launched Integrated Power Development Scheme (IPDS) in 2014 with the objective of strengthening sub-transmission and distribution network in the urban areas and reducing Aggregate Technical & Commercial (AT&C) losses through metering. Projects worth ₹ 28,731 Cr. were executed under the scheme. The scheme stands closed as on 31.03.2022. Under the scheme, works relating to underground (UG) cabling and aerial bunched (AB) cabling were sanctioned based on proposals submitted by the state distribution utilities. The major works implemented in the State of Andhra Pradesh under IPDS are as below:

Sr. no.	Item	Unit	Executed quantity
1	33/11 kV New sub-stations (incl. Gas Insulated Switchgear sub-stations)	Nos.	128
2	Installation of new Distribution Transformers (DTs)	Nos.	2,856
3	Augmentation of Distribution Transformers (DTs)	Nos.	1,873
4	High Tension lines (HT)	Ckm	982
5	Low Tension lines (LT)	Ckm	384
6	UG cabling	km	39
7	AB cabling	km	266
8	Solar panels	kWp	2,592

Presently, under Revamped Distribution Sector Scheme (RDSS) launched by GoI in July 2021, financial assistance is being provided by GoI to help States improve their distribution network, which includes infrastructure works such as upgradation/augmentation of substations and distribution transformers, replacement of conductors, new HT/LT lines, feeder bifurcation, feeder segregation, aerial bunched cabling (ABC)/covered conductor, underground cabling and smart metering, based on proposals submitted by the Distribution Utilities.

Under RDSS, loss reduction infrastructure and smart metering works worth Rs 1.53 lakh crores and Rs. 1.31 lakh crores have been sanctioned at the national level. These include works worth Rs. 10,391 crores and Rs. 4,112.43 crores sanctioned for loss reduction infrastructure (including works for coastal/cyclone-prone areas) and smart metering respectively, for the State of Andhra Pradesh. The details of the works sanctioned and their progress so far is placed at **Annexure**.

ANNEXURE REFERRED IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 2537 ANSWERED IN THE RAJYA SABHA ON 10.08.2026

Works sanctioned and executed under RDSS

Loss Reduction (excl. PMA)

Financial Progress

(In Rs crore)

Approved Project Cost	10,391
Approved GoI grant	6,145
GoI grant released	2,787

Physical Progress

Major Head	Approved Project Cost (Rs crore)	Particular	Unit	Sanctioned	Awarded
Feeder Segregation	7,879.50	HT lines/UG cable	ckm	56,066	56,417
		LT lines/AB cable	ckm	40,413	41,031
		DTs	nos.	59,509	59,509
Feeder Bifurcation	561.02	HT lines/UG cable	ckm	4,194	4,230
		DTs	nos.	8	8
Disaster Resilient Infra in Disaster Prone Areas	1,588.94	UG cable	ckm	1,877.12	1,877.12
		Covered Conductor	ckm	297	297
		DTs	nos.	2,684	1,342
Augmentation/ Reconductoring of lines	95.1	HT lines	ckm	1,198.05	1,355.07
		LT lines	ckm	1,355.12	1,362.18
IT/OT Works	266.34		LS	266.34	193.37
Total	10,390.90				

Smart Metering (excl. PMA)
Financial Progress

(In Rs crore)

Approved Project Cost	4,112.43
Approved GoI grant	616.86
GoI grant released	135.30

Physical Progress

Meter type	Sanctioned (nos.)	Awarded (nos.)	Installed (nos.)
Consumer*	38,63,143	38,12,476	30,82,362
DT	2,93,140	2,93,140	1,37,009
Feeder	17,358	17,358	11,249

*Excluding Agricultural Meters

Household (HH) Electrification

Financial Progress

(In Rs crore)

Approved Project Cost	158.88
Approved GoI grant	95.33
GoI grant released	43.16

Physical Progress

Head	Approved Project Cost (Rs. crore)	Sanctioned	Electrified[^]
		Nos. (HHs + Public Places) (Nos.)	(Nos.)
Addl. HHs	48.51	15,475	15,320
PM JANMAN	87.4	25,054	24,925
DA-JGUA	19.52	5,103	5,462
PM AJAY	3.45	811	811
Total	158.88	46,443	46,518

[^]The progress is more than sanctioned due to identification of addl. HHs by DISCOM.
