

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.4129
TO BE ANSWERED ON 12.12.2019**

INSTALLATION OF PREPAID METERS

†4129. SHRI PRATAPRAO PATIL CHIKHLIKAR:

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

- (a) whether the Government has prepared any action plan to install prepaid meters in the country;**
- (b) if so, the details thereof;**
- (c) the details of States where prepaid meters have been installed so far; and**
- (d) the details of the companies installing prepaid meters along with the price fixed for installation of each meter?**

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) : Distribution of electricity and planning of infrastructure thereof, including metering, is done by the States and their Utilities. The Government of India supports the Utilities by providing financial assistance towards improving the infrastructure.

Government have issued an advisory to States in August, 2019 to draw up road maps to switch over to smart meters in prepaid mode for all consumers.

(c) : Government of India have sanctioned Smart meters, capable of working in prepaid mode, and stand-alone prepaid meters in several States under it's schemes such as Integrated Power Development Scheme (IPDS) and National Smart Grid Mission (NSGM) as per details given in Annexure-A

1.56 Lakh meters have been installed under the Smart Grid pilots in various States as per details given in Annexure-B. Ms Energy Efficiency Services Limited (EESL), a Joint venture of Central Public Sector Undertakings (CPSUs) under the Ministry of Power has installed over 8.2 Lakh Smart meters in the States of Uttar Pradesh, Haryana, NDMC Delhi, Bihar and Andhra Pradesh.

(d) : No price has been fixed for installation of Smart prepaid meters. The work of installation of Smart meters is included in the overall work of setting up of an advanced metering Infrastructure (AMI) which is discovered through a competitive bidding process.

ANNEXURE REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 4129 TO BE ANSWERED IN THE LOK SABHA ON 12.12.2019.

Details of Smart Meters and Prepaid Meters sanctioned under System Strengthening projects of Integrated Power Development Scheme(IPDS):-

(i) **Details of Smart Meters under Smart Grid Projects sanctioned under National Smart Grid Mission (NSGM):**

Sl.	Utility / State	No. of Meters
1	Chandigarh (Sub Division 5), CED, UT	29,500
2	Chandigarh City (excluding Sub Division 5), CED, UT	1,84,000
3	Ranchi, JBVNL, Jharkhand	3,60,000
4	Rourkela, OPTCL, Odisha	90,000
5	Kochi, KSEB, Kerala	87,000
Total		7,50,500

(ii) **Details of Prepaid meters sanctioned under Integrated Power Development Scheme (IPDS)**

S.No.	State	Utility	Pre-Paid Meter (No)	
			Sanctioned Qty	Installed
1	Andaman and Nicobar	AN-DISCOM	450	0
2	Assam	APDCL	2,553	701
3	Chhattisgarh	CSPDCL	45	0
4	Jammu & Kashmir	JKPDD	365	0
5	Kerala	CPT	700	700
6		KSEBL	0	0
7	Madhya Pradesh	MPMKVVCL-C	0	0
8		MPPKVVCL-E	0	0
9		MPPKVVCL-W	2,260	0
10	Maharashtra	BEST	0	0
11		MSEDCL	0	0
12	Manipur	Manipur-PD	35,460	35,409
13	Meghalaya	MePDCL	6,400	3,960
14	Mizoram	Mizoram-PD	0	0
15	Nagaland	Nagaland-PD	19,000	5,000
16	Punjab	PSPCL	547	0
17	Rajasthan	AjVVNL	0	0
18		JaVVNL	108	108
19		JoVVNL	0	0
20	Sikkim	Sikkim-PD	26,713	0
21	Telangana	TSNPDCL	0	0
22		TSSPDCL	6,375	6,375
23	Tripura	TSEC	27,447	0
24	Uttar Pradesh	DVVNL	0	0
25		KESCO	500	0
26		MVVNL	0	0
27		PaVVNL	2,553	0
28		PoVVNL	0	0
29	West Bengal	DPL	100	0
30		WBSSEDCL	0	0
Total :			1,31,576	52,253

Source: PFC

(iii) **Details of Smart Meters sanctioned under Integrated Power Development Scheme (IPDS):**

Sl. No.	State	Utility	Nos. Sanctioned*
1	Andhra Pradesh	APEPDCL	284444
2		APSPDCL	25000
3	Bihar	NBPDCL	350700
4		SBPDCL	434600
5	Chhattisgarh	CSPDCL	181997
6	Gujarat	DGVCL	32882
7		MGVCL	100000
8		PGVCL	103555
9		UGVCL	38950
10	Himachal Pradesh	HPSEBL	135716
11	Jammu & Kashmir	JKPDD	95
12	Karnataka	CESCOM	332850
13		HESCOM	343100
14	Kerala	KSEBL	341800
15		CPT	800
16	Madhya Pradesh	MPPKVVCL-W	420893
17	Maharashtra	MSEDCL	400000
18	Mizoram	Mizoram-PD	5220
19	Punjab	PSPCL	88100
20	Rajasthan	AjVVNL	188860
21		JaVVNL	281782
22		JoVVNL	97158
23	Telangana	TSNPDCL	65000
24		TSSPDCL	13000
	Total :		42,66,502

Source: PFC

* As per information available, 98,280 meters have already been installed.

ANNEXURE-B

ANNEXURE REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 4129 TO BE ANSWERED IN THE LOK SABHA ON 12.12.2019.

Details of Smart Meters installed under Smart Grid Pilot Projects:

Sl. No.	Pilot Project / State	No. of Meters	Meters Supplier
1	APDCL, Assam	14,259	M/s Sinhal Udyog
2	CESC, Karnataka	20,916	M/s El Sewedy, M/s L&T, M/s Elster
3	HPSEB, Himachal Pradesh	1,335	M/s Genus Power
4	IIT Kanpur, Uttar Pradesh	28	M/s Sumeru Verde & M/s HPL
5	PED, Puducherry	28,910	M/s Dongfang Electronics
6	SGKC, Manesar, Haryana	10	M/s Genus Power
7	TSECL, Tripura	43,081	M/s JNJ PowerCom
8	TSSPDCL, Telangana	8,882	M/s ECIL
9	UHBVN, Haryana	10,188	M/s Lotus Wireless
10	UGVCL, Gujarat	23,760	M/s Genus Power
11	WBSEDCL, West Bengal	5,164	M/s CMS & M/s Sumeru Verde
Total		1,56,533	

Source: NSGM
