

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.3187
ANSWERED ON 16.12.2021**

PREPAID ELECTRIC METERS

3187. SHRIMATI SAJDA AHMED:

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

- (a) whether the Government proposes to install prepaid electric meters for all domestic consumers;**
- (b) if so, the details thereof;**
- (c) whether DISCOMs are suffering technical and commercial losses due to the present system of metering;**
- (d) if so, the details thereof;**
- (e) whether the Government also proposes budgetary support for installation of smart meters; and**
- (f) if so, the details thereof?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) & (b) : Yes, Sir. Government of India have provided funds to the States for implementation of smart prepaid metering under National Smart Grid Mission (NSGM) and Integrated Power Development Scheme (IPDS). Further, under the Revamped Distribution Sector Scheme (RDSS) launched by Government of India on 20th July, 2021, provisions have been made to install 25 Crore pre-paid smart meters across the country.

The details of smart meters, including prepaid smart meters already installed in the country are available as Annexure.

(c) & (d) : Prepaid smart metering eliminates human interventions in metering, billing and collection, while at the same time provides consumers the choice to calibrate their consumption to their actual requirements on a near real time basis. Automatic metering, billing and collection eliminate inefficiencies in these processes including losses due to theft. This helps in reduction of Aggregate Technical & Commercial (AT&C) losses.

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(e) & (f) : The Revamped Distribution Sector Scheme envisages financial support to DISCOMs for prepaid smart metering. Under the scheme, in “Other than Special Category States”, a fixed amount of 15% (22.5% in case of Special Category States) of the cost per meter worked out over the whole project period, subject to a maximum of Rs.900/- (Rs.1350/- in case of special category States) per meter in case of consumer meters, will be provided as the financial support from the Government of India.

Further, an incentive @ 7.5% of the cost per consumer meter worked out for the whole project or Rs.450 per consumer meter, whichever is lower, would be provided for “Other than Special Category States” for prepaid Smart Meters installed within the targeted timeline of first phase mission i.e. by December, 2023. This incentive for Special Category States would be @ 11.25 % of the cost per consumer meter worked out for the whole project or Rs.675 per consumer meter, whichever is lower.

Remaining cost will be borne by project developer who will be paid on monthly basis which can be easily met from increased collection of revenue by distribution company.

For the purpose of execution of this scheme, all North Eastern States including Sikkim and States of Himachal Pradesh & Uttarakhand and Union Territories of Jammu & Kashmir, Ladakh, Andaman & Nicobar Islands, and Lakshadweep will be treated as Special Category States/UTs.

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO.3187 ANSWERED IN THE LOK SABHA ON 16.12.2021

State/UT-wise data of Smart metering (as on 09-12-2021)				
Sl. No.	State	Utility	Installed Smart Meters	Installed Smart Prepaid Meters
1	Andaman	EDANI	66,308	
2	Assam	APDCL	180,416	5,430
3	Bihar	NBPDCL	143,011	142,225
		SBPDCL	209,275	208,471
		Bihar Total	352,286	350,696
4	Chandigarh	CED	16,931	
5	Delhi	NDMC	61,449	
		TPDDL	195,000	
		Delhi Total	256,449	
6	Gujarat	UGVCL	23,760	
7	Haryana	UHBVN	217,365	366
		DHBVN	157,672	7
		Haryana Total	375,037	373
8	Himachal Pradesh	HPSEB	24,469	
9	Jammu and Kashmir	JKPDD	13,831	
10	Karnataka	CESCOM	20,916	
11	Kerala	CPT	780	
12	Madhya Pradesh	MP-West	215,110	
13	Odisha	OPTCL	4,000	
14	Puducherry	PED	30,568	
15	Punjab	PSPCL	53,000	
16	Rajasthan	JAVVNL	282,119	
		AVVNL	57,501	
		JDVVNL	38,839	
		Rajasthan Total	378,459	
17	Tamil Nadu	TANGEDCO	52,482	
18	Tripura	TSECL	43,081	
19	Telangana	TSSPDCL	8,882	
20	Uttar Pradesh	MVVNL	378,838	3,337
		PVVNL	198,726	20
		DVVNL	147,991	127
		PUVVNL	321,433	1,135
		KESCO	107,346	60,266
		UP Total	1,154,334	64,885
21	West Bengal	WBSEDCL	5,164	
		CESC	10,000	
		West Bengal Total	15,164	
Grand Total			32,86,263	4,21,384
