

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.3546
ANSWERED ON 24.03.2022**

NATIONAL SMART GRID MISSION

3546. SHRI JAYANT SINHA:

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

- (a) the salient features of the National Smart Grid Mission;**
- (b) the number of smart meters installed under Phases 1 and 2 of the Mission in the country, State-wise;**
- (c) whether the Government has undertaken any study to analyse the benefits of smart meters over conventional meters; and**
- (d) if so, the details thereof?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) : National Smart Grid Mission (NSGM) was established by Government of India in 2015 to plan and monitor implementation of policies and programmes related to Smart Grid activities in India. The primary aim of the Smart Grids is to improve reliability of the Electricity networks and make the grid amenable to renewable energy inputs through distributed generation. Further, increased efficiencies with Smart Grid and Smart Meters empower the consumers to manage their electricity consumption in a better manner and help them in reducing their bills. In addition, the NSGM also envisages capacity building initiatives for Distribution Sector personnel in the field of Smart grids.

(b) : So far, 40,19,755 Smart Meters have been installed across the country, as on 11.03.2022 including the ones installed under NSGM. Details of the same are available as Annexure.

(c) & (d) : The Impact Assessment of smart grid pilot projects including Smart City Pilot at IIT Kanpur and Smart Grid Knowledge Center (SGKC), Manesar was carried out by M/s Quality Control of India (QCI) and it was observed that there is considerable achievement in most of the DISCOMs/utilities with progress being made in bringing down AT&C losses.

Large scale deployment of prepaid smart meters has been done by Energy Efficiency Services Limited (EESL) in Bihar. As per information made available by South Bihar Power Distribution Company Limited (SBPDCL), collections after installation of prepaid Smart Meters have improved to the extent of 20%.

ANNEXURE**ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO.3546
ANSWERED IN THE LOK SABHA ON 24.03.2022**

State-wise Smart Meter Installation

Sr. No.	States/UTs	Smart Meter Installed
1.	Andaman & Nicobar islands	74,900
2.	Andhra Pradesh	2,000
3.	Assam	2,30,612
4.	Bihar	6,27,857
5.	Chandigarh	22,463
6.	Delhi	2,58,444
7.	Gujarat	23,760
8.	Haryana	4,15,390
9.	Himachal Pradesh	77,047
10.	Jammu & Kashmir	37,650
11.	Jharkhand	0
12.	Karnataka	20,916
13.	Kerala	805
14.	Madhya Pradesh	2,43,313
15.	Odisha	4,500
16.	Puducherry	30,568
17.	Punjab	88,107
18.	Rajasthan	5,41,618
19.	Tamil Nadu	98,320
20.	Tripura	43,081
21.	Telangana	8,882
22.	Uttar Pradesh	11,54,358
23.	West Bengal	15,164
Total		40,19,755

Source: NPMU
