

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

STARRED QUESTION NO:334

ANSWERED ON:11.12.2009

DEMAND OF POWER

Maadam Shri Vikrambhai Arjanbhai;Rathwa Shri Ramsinhbhai Patalbhai

Will the Minister of POWER be pleased to state:

- (a) whether the demand of power for the industrial, domestic and agricultural sectors is increasing rapidly in the country;
- (b) if so, the estimated demand of power from each of these sectors as on date, sector-wise and State-wise;
- (c) whether the Asian Development Bank (ADB) has given any projections for the demand of power in the country including Gujarat during the next five years;
- (d) if so, the reaction of the Government thereto;and
- (e) the steps taken/proposed to be taken by the Government to meet the rising demand of power?

Answer

THE MINISTER OF POWER(SHRI SUSHILKUMAR SHINDE)

(a) to (e): A Statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO.334 TO BE ANSWERED IN THE LOK SABHA ON 11-12-2009 REGARDING DEMAND OF POWER.

(a): The total electricity consumption in industrial, domestic and agricultural sectors in the country during the years 2005-06, 2006-07 and 2007-08 (latest available) has shown an increasing trend as per details given below:

Sector	2005-06 year	2006-07 over last year	Increase over last year	2007-08	Increase over last year
--------	-----------------	---------------------------	----------------------------	---------	----------------------------

(MU)	(MU)	(%)	(MU)	(%)
------	------	-----	------	-----

Industry	1,51,556.82	1,71,293.27	13.02	1,89,424.04	10.58
----------	-------------	-------------	-------	-------------	-------

Domestic	1,00,090.12	1,11,001.63	10.90	1,20,918.22	8.93
----------	-------------	-------------	-------	-------------	------

Agriculture	90,292.40	99,023.19	9.67	1,04,181.70	5.21
-------------	-----------	-----------	------	-------------	------

MU = Million Unit

(b): The 17th Electric Power Survey (EPS) provides annual projections of sector-wise electricity consumption. The projected electricity consumption in respect of industrial, domestic and agricultural sectors during 2009-10, as per 17th EPS are 2,16,642.39 Million Unit (MU), 1,72,442.94 MU and 1,31,357.27 MU respectively. The state-wise and sector-wise details in this regard are given in Annex.

(c) & (d): The Asian Development Bank, in their policy paper on 'Energy Policy' released in June, 2009, have given projections in respect of energy demand in Asia for the year 2030. However, country-wise projections of the energy demand are not available in this

Policy Paper.

(e): As per the latest assessment made by Central Electricity Authority, a total capacity addition of 62,374 MW is likely to be commissioned with a high level of certainty during 11th Plan. In addition projects aggregating 12,590 MW are being attempted on best efforts basis. The other measures taken / being taken by the Government to augment electricity generation / availability of power in the country are:

(i) Allocation of approximately 31 MMSCMD gas from KG Basin (D6) and additional 12 MMSCMD gas on fall-back basis for gas based power stations of power utilities and 10 MMSCMD gas to captive power plants on fall-back basis.

(ii) Monitoring import of coal by the power utilities to bridge the gap between the requirement of coal and its availability from domestic sources.

(iii) Harnessing surplus power from captive power plants into Grid.

(iv) Rigorous monitoring of capacity addition of the on-going generation projects.

(v) Coordinated operation and maintenance of hydro, thermal, nuclear and gas based power stations to optimally utilize the existing generation capacity.

(vi) Development of Ultra Mega Power Projects of 4,000 MW each to reap benefits of economies of scale.

(vii) Import of hydro power from Bhutan.

(viii) Renovation, modernization and life extension of old and inefficient generation units.