

GOVERNMENT OF INDIA
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY
LOK SABHA

STARRED QUESTION NO. *6
TO BE ANSWERED ON: 02.02.2022

DATA CENTRES

***6 SHRI JAGDAMBIKA PAL:**

Will the Minister of ELECTRONICS AND INFORMATION TECHNOLOGY be pleased to state:

- (a) the details of the current Information Technology (IT) load and capacity of data centres in the country including the extent to which it is expected to grow.
- (b) the details of data centres in the country including the green data centres and Government owned data centres out of these.
- (c) whether the Government has taken/proposed any steps to develop green data centres in the country and if so, the details thereof.
- (d) the present size of the data centre market.
- (e) whether the Government has completed or doing any study on Power Usage Effectiveness (PUE) for data centres and
- (f) if so, the details thereof along with the data depicting annual estimates of the electricity consumption?

ANSWER

MINISTER FOR ELECTRONICS AND INFORMATION TECHNOLOGY
(SHRI ASHWINI VAISHNAV)

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

**STATEMENT REFERRED TO IN REPLY TO LOK SABHA STARRED
QUESTION NO.*6 FOR 02.02.2022 REGARDING DATA CENTRES**

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(a): As per industry reports (JLL Research report Data Centre outlook (India-H1 2021)) Data Centre Sector capacity (IT load) available with private sector is around 499 MW. According to the same report, at the current rate of growth, it is expected that an additional capacity of 508 MW will be added by Private sector, taking the total capacity to approximately 1007 MW by 2023. Capacity of National Data Centres owned by NIC & other State Data Centres is around 17 MW. An additional capacity of about 22 MW is also planned to be added through National Data Centres of NIC, taking the Government Data Centre capacity to approximately 39 MW by 2025.

(b): The details of the existing data centres across the country is as follows:

Industry Owned Data Centres	
Region	Capacity (MW)
Mumbai	225
Bengaluru	61
Delhi NCR	42
Pune	61
Chennai	62
Hyderabad	33
Kolkata	6
Other Cities	9
Total	499
(Source JLL report India-H1 2021)	
NIC and State Data Centres	
Region	Capacity (MW)
NDC Delhi	4
NDC Bhubaneswar	2
NDC Hyderabad	2
NDC Pune	1.2

Industry Owned Data Centres	
Region	Capacity (MW)
NIC Mini Data Centres	2
State Data Centres	6
Total	17.2 (NDC Data based on number of racks provided by NIC and SDC Data as per the approvals issued by MeitY under SDC Scheme)

No separate details are available about Green Data Centres.

(c):No, Sir.

(d): As per industry report (Frost & Sullivan, Data Centre Services: Powering the next decade of Growth in India), India Data Centre Services market was worth approximately INR 4511.2 Cr in revenue in 2020 representing a growth of 18.4% over 2019. The market is projected to grow at a compound annual growth rate (CAGR) of 25.9% from 2019-2024 to reach INR 12055.8 Cr by the end of 2024.

(e) and (f): No, Sir. The Government of India has not conducted any study on Power Usage Effectiveness (PUE) for Data Centres.
