

GOVERNMENT OF INDIA
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY
RAJYA SABHA
UNSTARED QUESTION NO. 2135
TO BE ANSWERED ON: 09.08.2024

ELECTRICITY SUPPLY TO DATA CENTRES

2135. SHRI PARIMAL NATHWANI:

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

- (a) whether Government has undertaken any study to project the jump in electricity demand for the upcoming large data centres, high Artificial Intelligence (AI) usage and usage of latest digital technologies, if so, the details thereof; and
- (b) whether Government has formulated any plans to source this large amount of extra electricity supply keeping in view the fact that the country is still facing significant power supply shortages, especially in semi-rural and rural areas?

ANSWER

MINISTER OF STATE FOR ELECTRONICS AND INFORMATION TECHNOLOGY
(SHRI JITIN PRASADA)

(a) and (b) As per industry estimates, the Data Centre capacity in India has expanded from 350 Mega Watts (“MW”) in 2019 to 854 MW in 2023. The total installed capacity as per Ministry of Power’s Annual Report was 410.34 Gigawatt (“GW”) (*as on 26.01.2023*) out of which 174.53 GW (*42.5% of total installed capacity*) is non-fossil fuel based.
