

**GOVERNMENT OF INDIA  
MINISTRY OF POWER  
LOK SABHA  
UNSTARRED QUESTION NO.385  
ANSWERED ON 08.12.2022  
PRODUCTION OF POWER**

**385. SHRI S. MUNISWAMY:**

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

- (a) whether the country would achieve cent percent production of required power in the coming years;**
- (b) if so, the details thereof along with the timeline set for achieving the same; and**
- (c) the details of resources identified to make country self-reliant and achieve cent percent production of required power?**

**A N S W E R**

**THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY  
(SHRI R.K. SINGH)**

**(a) to (c) : The 20<sup>th</sup> Electric Power Survey (EPS) report, published by Central Electricity Authority (CEA) in November 2022, covers electricity demand projection for the year 2021-22 to 2031-32 as well as perspective electricity demand projection for the year 2036-37 and 2041-42 for the country.**

**The estimated energy requirement and peak demand of the country from the year 2021-22 to 2026-27 is given at Annexure.**

**Following measures have been taken to make country self-reliant and achieve production of required power for fully meeting the demand:**

- (i) Thermal Power Plants of 25580 MW of capacity are at various stages of construction in the country.**
- (ii) Proposed coal based power projects of 8600 MW have been granted Environmental Clearance.**
- (iii) Government has set a target to achieve 50 percent cumulative electric power installed capacity from non-fossil fuel-based energy resources by 2030. To achieve this Government is taking following steps:**
  - (a) Government is moving aggressively towards renewable energy sources like solar, Off-shore wind, On-shore wind, Biomass, Battery energy storage system etc. Renewable Capacity (excluding Large Hydro) under implementation is 61.98 GW and under tendering is 36.44 GW.**
  - (b) Hydroelectric projects (above 25 MW) totalling to 14153.5 MW are under implementation.**
  - (c) Hydroelectric Schemes with aggregate installed capacity of 22662 MW have been concurred by CEA.**
  - (d) Nuclear Power Plants of 8,700 MW of capacity are under construction and 7000 MW of Nuclear power plants have been accorded Administrative Approval and Financial Sanction.**

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**ANNEXURE****ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 385 ANSWERED IN THE LOK SABHA ON 08.12.2022**

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**The estimated energy requirement and peak demand of the country from the year 2021-22 to 2026-27**

**Electrical Energy Requirement (Ex Bus)**

<b>Year</b>	<b>Electrical energy requirement (in MU)</b>	<b>Peak Electricity Demand (in MW)</b>
<b>2021-22</b>	<b>1381646</b>	<b>203115</b>
<b>2022-23</b>	<b>1512918</b>	<b>216966</b>
<b>2023-24</b>	<b>1600214</b>	<b>230144</b>
<b>2024-25</b>	<b>1694634</b>	<b>244565</b>
<b>2025-26</b>	<b>1796627</b>	<b>260118</b>
<b>2026-27</b>	<b>1907835</b>	<b>277201</b>

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