CONTRIBUTION OF WIND ENERGY

3050. MS. CHANDRANI MURMU
Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:
(a) the measures taken by the Government to popularise renewable energy in the country;
(b) the details of total requirement of energy in the country and the contribution from renewable energy till date; and
(c) the percentage of contribution of wind energy in the total requirement?

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

(a) The Government of India has undertaken several major initiatives to enhance the generation of renewable energy in the country, which inter alia include:

i. Waiver of Inter State Transmission System (ISTS) charges for inter-State sale of solar and wind power for projects to be commissioned by 30th June 2025 and graded ISTS charges thereafter,
ii. Declaration of trajectory for Renewable Purchase Obligation (RPO) up to the year 2030,
iv. Setting up of Ultra Mega Renewable Energy Parks to provide land and transmission to RE developers on a plug and play basis,
v. Laying of new transmission lines and creating new sub-station capacity for evacuation of renewable power,
vi. Setting up of Project Development Cell for attracting and facilitating investments,
vii. Standard Bidding Guidelines for tariff based competitive bidding process for procurement of Power from Grid Connected Solar PV and Wind Projects,
viii. Government has issued orders that power shall be dispatched against Letter of Credit (LC) or advance payment to ensure timely payment by distribution licensees to RE generators,
ix. Notification of Promoting Renewable Energy through Green Energy Open Access Rules 2022,
x. Notification of Late Payment Surcharge and related matters Rules 2022.
xi. Notification of Electricity Amendment Rules 2022 with provision of Uniform Renewable Energy Tariff for Central Pool,
xii. Launch of the National Green Hydrogen Mission with the objective to make India a hub for Green Hydrogen production and exports.

(b) & (c) The details of total electricity generation in the country, the overall share of renewable energy and the contribution of wind energy in the total generation during the last 3 years, are as follows:

<table>
<thead>
<tr>
<th>Financial Year</th>
<th>Total Generation (Billion Units)</th>
<th>Share of RE in total generation</th>
<th>Share of Wind Energy in total generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>2021-22</td>
<td>1491.7</td>
<td>21.6%</td>
<td>4.6%</td>
</tr>
<tr>
<td>2022-23</td>
<td>1624.3</td>
<td>22.5%</td>
<td>4.4%</td>
</tr>
<tr>
<td>2023-24 (Upto Oct 2023)</td>
<td>1047.0</td>
<td>23.3%</td>
<td>5.8%</td>
</tr>
</tbody>
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