In January 2022, India’s renewable energy capacity increased by 975.60 MW (megawatt) and reached 152.4 GW as of January 2022.

**Installed Renewable Energy Capacity** (in GW)

<table>
<thead>
<tr>
<th>Sector</th>
<th>FY21</th>
<th>FY22*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electricity Generation</td>
<td>94.4</td>
<td>152.4</td>
</tr>
</tbody>
</table>

**Installed Capacity for Different RES (as of January 2022) (GW)**

- **Solar Power**: 50.30
- **Wind Power**: 46.51
- **Bio-Power**: 4.84
- **Small Hydro**: 10.61
- **Hydro**: 40.10

**Electricity Generation from RES (billion unit)**

<table>
<thead>
<tr>
<th>FY16</th>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
<th>FY21</th>
<th>FY22* (till Jan 2022)</th>
</tr>
</thead>
<tbody>
<tr>
<td>65.76</td>
<td>81.51</td>
<td>101.84</td>
<td>128.76</td>
<td>138.32</td>
<td>147.35</td>
<td>141.94</td>
</tr>
</tbody>
</table>

**MARKET SIZE**

- Green Energy Corridor
- Wind-Solar Hybrid Policy
- Solar Parks and Ultra Mega Solar Power Projects

**SECTOR COMPOSITION**

- **KEY TRENDS**
  
  - Robust demand: In June 2021, Prime Minister Mr. Narendra Modi stated that renewable energy capacity in India increased by 250% between 2014 and 2021 and the country ranks among the top five globally in terms of installed renewable energy capacity.
  
  - Competitive advantage: In October 2021, India retained its third rank on the EY Renewable Energy Country Attractive Index 2021. As per the British Business Energy, India ranks third on renewable energy investments and plans. India was ranked fourth in wind power, fifth in solar power and fourth in renewable power installed capacity, as of 2020.
  
  - Policy support: In the Union Budget 2022-23, the government allocated Rs. 19,500 crore (US$ 2.57 billion) for a PLI scheme to boost manufacturing of high-efficiency solar modules.
  
  - Increasing Investments: Non-conventional energy sector received FDI inflow of US$ 11.21 billion between April 2000 and December 2021.

**GOVERNMENT INITIATIVES**

**ADVANTAGE INDIA**

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