

5G and Internet of Things (IOT) would yield carbon emission savings in the country. Do you agree with this view? Comment (200 words)

At COP26, India has set the target to reduce carbon emissions by 1 billion tonnes (BT) by 2030.

5G will help reducing the energy consumption significantly compared to the previous generations. A study by European Commission

contends that power consumption per bit can be upto 90% lower on 5G than on 4G.

Increasing the use of 5G will help the country with more efficient systems and help in protecting the environment as well.

By integrating Internet of things (IOT), Artificial intelligence (AI) with 5G we can make electric grids more efficient, drive significant reductions in greenhouse emissions as well as enable & optimise the integration of greater amounts of renewable energy.

5G and IOT will also help to transform for the better interconnected supply chains and networks, improve data sharing, optimise systems and increase operational efficiencies across the board.

Integration of new technology like 5G and Internet of Things (IOT) will help nation address the climate challenges of our time.