

The challenges faced by the energy sector

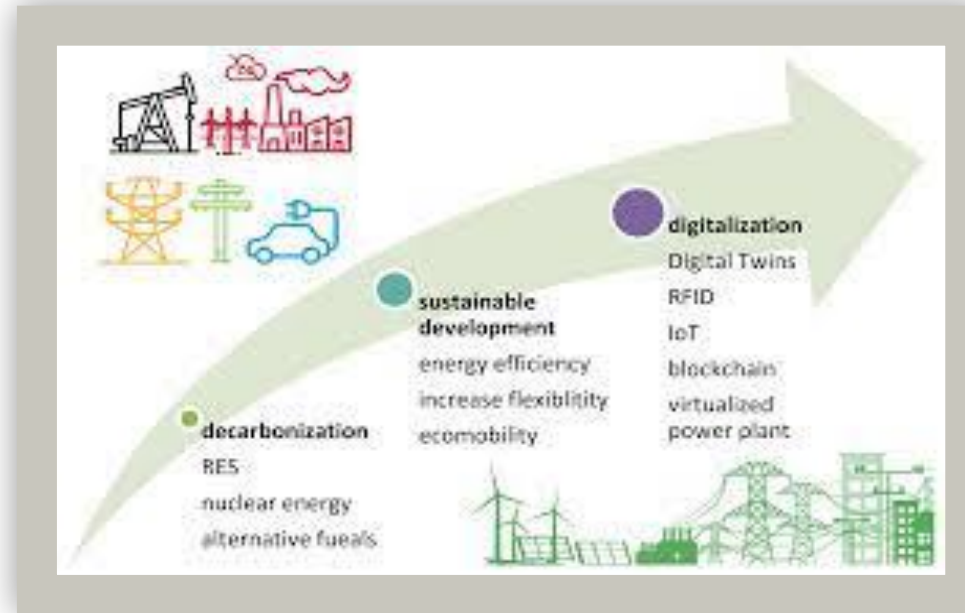
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Problem Solving and Decision Making (BMSW4004)



Introduction



As postulated by Majid (2020) The present environmental scenario has been degrading due to various kinds of man-made activities which are affecting the biodiversity and eventually impacting the energy resources that are kept for ages within nature herself.

Nature of problem at energy sector



As stated by Papadis and Tsatsaronis (2020), there are various kinds of problems that can be observed in the energy sector which are slowing down the pace of the business companies in general.

The report says that carbon emission has risen again which lowered in 2020 due to the global shutdown during the Covid-19 pandemic and reached a 1% level higher than that of 2019 (Energy Industry.com, 2022).

Scope of problem



According to the present survey reports on the basis of the energy sectors and their functioning, the largest amount of CO₂ emission has taken place in the year 2021 by producing electricity and creating heat in various business organizations.

The CO₂ emission has increased by 14.6 Gt in the year 2021 and it is predicted that the amount would reach 5% more in the coming years from only energy sectors across the globe (Global Energy Review, 2022).

Impact of problem



As opined by Majid (2020) the impact of this kind of CO₂ emission would be fatal for the entire mankind, as well as animal species.

The national heads of almost 146 countries have taken pledges to restore the environment by adopting *zero-carbon emission projects* in almost all sectors.

Conclusion

The above discussion has significantly analyzed all the sectional areas with appropriate references and evidence. The above explanation shows that constant CO₂ emissions would be enough to destroy the entire balance of the environment completely. Making more planning and taking up more effective strategies to make the energy sector function more rationally would help to solve this problem in the forthcoming years.

References

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