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Prelims PYQ, Mains model answers, and copy evaluation. Write to the desk for this paper, a doubt, or the AI waitlist.

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Q12

Do you think India will meet 50 percent of its energy needs from renewable energy by 2030 ? Justify your answer. How will the shift of subsidies from fossil fuels to renewables help achieve the above objective ? Explain.

UPSC Civil Services Mains 2022 · GS III · 15 marks · Farm Subsidies and PDS

Issues related to direct and indirect farm subsidies and minimum support prices; Public Distribution System - objectives, functioning, limitations, revamping; issues of buffer stocks and food security; Technology missions; economics of animal-rearing.

Facts & figures for this PYQ only.

Numbers move. Confirm the latest Budget, Economic Survey or census round. This sheet is for revision, not a substitute for the model answer.

<https://wrapexams.com/upsc/mains-answers/gs-3/2022/do-you-think-india-will-meet-50-percent-of-its-energy-needs-from-renewable-energy-by-2030-justify-your-answer-how-will-the-shift-of-subsidies-from-fossil-fuels-to-renewables-help-achieve-the-above-objective-explain/>

Panchamrit

Five Glasgow 2021 pledges, including 50 per cent non-fossil installed electricity capacity by 2030 and net-zero by 2070.

Non-fossil capacity

Solar, wind, hydro, nuclear and other non-coal/gas capacity in MW; not identical to renewable generation share.

Capacity factor

Actual energy produced relative to nameplate; much lower for solar/wind than for coal or nuclear.

PM-KUSUM

Scheme for solar agricultural pumps and decentralised solar, a subsidy shift toward on-farm renewables.

Net-zero 2070

India's long-horizon climate pledge; 2030 energy-needs claims must not be collapsed into this date.