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## **Need to cut energy waste stressed** [Express News Service](#)

HYDERABAD: Inefficient techniques account for a large proportion of energy wastage, president of FAPCCI K Harischandra Prasad has said.

“We must constantly strive to decrease consumption. I would like to see India at the forefront of renewable energy and emissions reduction,” he declared at a seminar on energy conservation held here on Friday.

Jointly organised by the Federation of Andhra Pradesh Chambers of Commerce & Industry (FAPCCI) and the Non-Conventional Energy Development Corporation of Andhra Pradesh (NE DCAP), the seminar aimed to enhance public awareness of the need for energy efficiency.

Fossil fuels had been unsustainably overexploited, said Yerram Reddy of NE DCAP. “Our present energy production is 1,27,000 megawatts, but demand in thirty years is expected to rise to more than 8 lakh megawatt. We have consumed more

than 60% of available fossil fuels in just 200 years.

Our finite planet cannot sustain such levels of energy demand,” he pointed out.

At present, only 795 megawatts of power in India comes from renewable methods of generation.

This must rise by ten or fifteen-fold if we are to mitigate the effects of climate change, Reddy noted. To facilitate this, NEDCAP has released a list of energy conservation tips for the domestic sector, including ways to save energy while cooking, driving, doing laundry, and using electric lights.

Flourescent light bulbs save 75% electricity as compared to incandescent lights, and they last eight times as long.

Lights should be turned off when not in use. Frequent use of the switch reduces the life-span of the bulb. Ceiling fans cost only 30 paise per hour to run, as opposed to Rs 10 per hour for an

A/C system, he said. The best way for drivers to save petrol is to switch off their engines at traffic lights. Idling an engine for longer than 15 seconds becomes inefficient.

The seminar also saw participants from three major companies explaining energy-saving innovations to the audience. R Praveen of Atlas Copco Ltd.

spoke of the the benefits of screw compressor technology as opposed to the older, piston-fired compressors currently in use. Narendernath Malempati of Rockwell Automation talked of energy-efficient electrical drives, while GV Paul and Sri Ramakrishna from Bharat Biijee spoke of efficient motors.

In his closing remarks, Yerram Reddy said: “Remember, 1 unit of energy saved is equal to 2 units of energy produced. Hyderabad, December 18 Inefficient techniques account for a large proportion of energy wastage, president of FAPCCI K Harischandra Prasad has said.

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## ENERGY-SAVING TIPS FOR CITIZENS

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\* Ceiling fans cost 30 paise per hour to use, as compared to Rs 10 per hour for air conditioners.

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