

COAL SHORTAGE AND POWER CUTS- GLOBAL ISSUES IN DIGITAL INDIA

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On which planet are we living? Of Course on the planet Earth and not on papaya or Mars and the reason why we live is that this is the only planet which can tolerate human beings and still being and showering love selflessly by providing us the humans, basic resources to sustain our lives. To sustain human needs the resources were broadly classified in two categories i.e. first Renewable resources which are those resources which can be renewed or replaced naturally and will never run out, for e.g. Oxygen and Sunlight. On the other hand we have Non renewable resources which once used up can't be replaced or renewed within a reasonable period of time. For e.g. fuels like petroleum, natural gas or coal which take millions of years to form.

We can't imagine a day without our A.Cs in these hot summers but on which they are running, the simple answer is electricity, and no wonder India is also dependent on thermal energy which is solely based on coal.

WHY DO WE NEED TO BE CONCERNED?

Coal is a fossil fuel. It has formed over a period of millions of years, by the gradual decay and compression of buried remains of ancient forests involving a process of carbonization. Most of the Indian states are staring at blackouts and long power cuts, especially in states of Uttarakhand and the northeast. This is and will bring massive difficulty for common citizens and businesses across the country.



Source: Google, Boston.com

HOW DID INDIA LAND IN THE COAL CRISIS?

There was a steep rise in demand with a temperature rising to historic levels to which the country's electricity consumption soared. Secondly, post-COVID recovery has also increased power demand. And thirdly India's supply was hit by the Russian War on Ukraine. 108/173 thermal power plants have critically low levels of stock and could only meet the demand for a few days. Being the second biggest importer of coal, India's supply is hit. Passenger trains also saw cancellation to have faster movement of coal carriages.





Source: Google, Duluth News Tribune

CONCLUSION:

Sensing the crisis, the central government has stepped in, the government has assured us that the situation will be handled. The stock is replenished on a rolling basis but it can't be denied that millions of people across the country have difficult days ahead. What can be done in these troubling times is that we realize it's a matter of pride that we are adopting sustainable architecture and the idea of a smart city but also emphasizing more solar energy, wind, and biogas. As a part of a progressive nation, by following the path of conscience we as a citizen must adopt and according to the basic conservation of energy. If we remove I from illness and add us in illness even illness can become wellness thus by having a positive outlook and together working healthily we can make the change.

DID YOU KNOW?



It takes roughly 1 million years to form coal. Now you see why it's classified as a non-renewable energy source.

FUN FACTS

- The Romans used to wear coal as jet jewellery, use it in blacksmiths' forges, for heating their soldiers' forts and maintaining a perpetual fire at Minerva's shrine in the city of Bath



Source: Google, The spruce crafts

- The Titanic's coal stores had been burning for weeks before she set sail, damaging the starboard side of the ship where the iceberg hit. The fire damaged the hull enough to be a large contributing factor in why the iceberg caused such damage



Source: Google, Nicholas Rosses