



## Top 10 Current Affairs of Today - October 25, 2023

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Our daily current affairs are perfect for busy people who want to stay up-to-date on the latest events. They are short, engaging, and easy to understand, and they cover a wide range of topics, from politics and business to sports and entertainment.

Today's blog will be on the current affairs of 25th October 2023. So, check out the current affairs and stay up-to-date. You can download PDF also for current affairs today.

Let's check this news about NLC. Then, we will move ahead.

# NLC India Green Energy Limited

NLC India Limited a Navratna Central Public Sector Undertaking under Ministry of Coal has incorporated a wholly owned subsidiary NLC India Green Energy Limited (NIGEL). It will specially focus on taking up all Renewable Energy Initiatives.

### Key Points:

A) The new company will pay attention to Renewable energy projects that will help in increasing the RE power generation capacity faster.

B) The growth of RE including storage systems like Pumped Hydro System and Battery Energy Storage System will happen concurrently.

C) The subsidiary is expected to establish RE projects to the capacity of 6 GW by 2030.

### About NLC:

A) It produces 30 million tonnes of lignite from mines in Tamil Nadu.

B) It is headquartered in Neyveli.

C) It was founded in 1956.



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[Image Source: The Hindu]

## National Symposium on Cooperative Exports

Union Home Minister Amit Shah will address the National Symposium on Cooperative Exports organised by the National Cooperative for Exports Limited (NCEL). He will also launch the logo, website and brochure of NCEL and distribute the membership certificates to NCEL members.

### Key Points:

- A) Issues such as channelising cooperatives for linkages to export markets, potential of Indian agri-exports and opportunities for cooperatives among others will be discussed.
- B) It emphasises the need to establish a national-level, multi-state cooperative society to function as an umbrella organisation for exports by the cooperative sector.
- C) It covers agriculture and allied activities as well as handloom and handicrafts items.

### About NCEL:

- A) It stands for National Cooperative for Exports Limited.
- B) It is an umbrella body for cooperative sector exports.
- C) It is set up under MSCS Act 2002.

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[Image Source: PIB]

## ANUBHAV AWARDS 2023

The Department of Pension and Pensioners Welfare will be holding the Anubhav awards 2023 ceremony in Vigyan Bhawan, New Delhi. It will facilitate the awardees for their write ups for the year 2023. Union Minister for Personal, Public Grievances and Pensions, Dr Jitendra Singh will confer the awards.

### Key Points:

The portal provides an online system for the retiring/retired employees to submit and showcase their commendable work done to share their experiences of working in the Government

B) The campaign has resulted in publication of 1901 Anubhav write-ups since its inception in 2015.

C) Now, Punjab National Bank and Bank of Baroda have also integrated their pension portals with Integrated Pensioners Portal.

### About EPFO:

A) It stands for Employees Provident Fund Organisation.

B) It is one of the world's largest social security organisations.

C) It was founded in 1951.

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[Image Source: PIB]

## GRAP-2 invoked in Delhi

The Commission for Air Quality Management (CAQM) invoked Stage 2 of Graded Response Action Plan (GRAP) as the Air Quality index (AQI) reached 248 in Delhi. The Air Quality of Delhi-NCR has worsened in the past few days and it may reach Very poor Category as per IMD and Indian Institute of Tropical Meteorology.

### Key Points:

- A) The AQI is close to the category of 301- 400 and is expected to touch these levels by Monday or Tuesday.
- B) Delhi Pollution Control Board and other pollution control boards in the NCR region are responsible for the implementation of guidelines of GRAP.
- C) The government takes steps like increasing the parking fees to discourage the use of personal vehicles and increasing the frequency of CNG/Electric buses and metros.

### About CAQM:

- A) It stands for the Commission for Air Quality Management.
- B) It is monitored by the Union Ministry of Environment, Forests and Climate Change.
- C) It was promulgated in April 2021.



[Image Source: Hindustan Times]

## South Korea, Japan and US to hold first joint Air drills

South Korea, the United States and Japan conducted their first joint aerial drills as part of their defence cooperation against North Korea's Missile and nuclear threats. The exercise involved a US Nuclear weapons capable B-52 bomber.

### Key Points:

- A) The US bomber landed at a South Korean airbase on Tuesday at the country's largest defence exhibition.
- B) The trilateral exercise took place south of the Korean peninsula where Seoul and Tokyo's air defence identification zones overlap.
- C) B-52s which fly at subsonic speeds can travel more than 8,800 miles without refuelling at an altitude reaching 50,000 feet.

### About North Korea:

- A) It is a country in East Asia.
- B) It contains half of the Korean Peninsula.
- C) Korean is its official language.



[Image Source: The Times of India]

## Alaskan Snow Crabs disappear due to Warmer Oceans

Billions of Snow Crabs have disappeared from Alaskan waters for which scientists have blamed the rising ocean temperatures. The most recent discoveries of the National Oceanic and Atmospheric Administration (NOAA) shed light on the unexpected loss of snow Crabs resulting in postponement of snow crab harvest.

### Key Points:

A) A compelling connection between marine heat waves in the eastern Bering Sea and the mysterious disappearance of snow crabs.

B) Overfished is a technical definition triggering conservation measures by leaving the actual cause of the collapse unexplained.

C) Warmer temperatures and higher population density were identified as factors significantly linked to increased mortality among mature snow crabs.

### About NOAA:

- A) It stands for National Oceanic and Atmospheric Administration
- B) It is a federal agency that focuses on the conditions of the oceans.
- C) It plays several distinct roles within the Department of Commerce.



[Image Source: News on Air]

## Helium-3 found in rocks on Baffin Island

A recent study examining lava flows on Baffin Island in the Arctic archipelago has found high levels of Helium 3, a rare isotope associated with earth's core. It suggests that the Earth's Core may be leaking. The Discovery implies a greater level of dynamism in the Earth's deep interior.

### Key Points:

The Earth's mantle is not a static entity, but it continuously brings lava to the surface while consuming parts of the Earth.

B) This discovery challenges the conventional understanding that the core and outer layers of the planet including the mantle and crust are geochemically isolated.

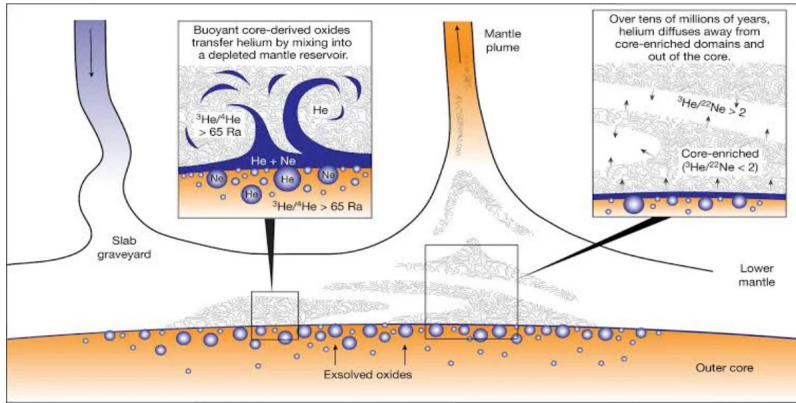
C) This may be leaking out of the Earth's core, potentially reshaping our understanding of the Earth's inner workings.

### About Earth's Core:

A) It is the innermost geological layer of the planet.

B) It has a radius of about 1,220 km.

C) It is primarily made up of iron and nickel.



[Image Source: phys.org]

## Rare Paintbrush Swift Butterfly

A rare Paintbrush Swift Butterfly has been documented for the first time in Himachal Pradesh's Chamba district. The State is home to 25 percent of the butterfly species found in India. 120 species of butterflies have been documented by the Wild Bhattiyat Project initiated by the State Forest Department in 2022.

### Key Points:

- A) The State supports around 430 butterfly species or about 25% of the total number of butterfly species found in India.
- B) The paintbrush swift (*Baoris farrisi*) is a butterfly species of the HesperIIDae family and was sighted and photographed in the second week of October.
- C) The field survey was initiated by the Bhattiyat Forest Range of the Dalhousie Forest Division of the Himachal Pradesh Forest Department in 2022.



[Image Source: The Hindu]



## China restricts Exports of Graphite

China has recently unveiled plans to restrict Exports of Graphite- a mineral crucial to the manufacture of batteries for electric vehicles (EV) on National Security grounds. The announcement comes just days after the US imposed additional limits on the kinds of Semiconductors that American Companies can sell to Chinese firms.

### Key Points:

- A) The Institute for Energy Research at Washington DC, says that carmakers are trying to lock in supplies of graphite from sources outside of China.
- B) According to the International Energy Agency, the global sales of EVs including purely battery-powered vehicles and hybrids are soaring.
- C) China was the world's leading graphite producer last year, accounting for an estimated 65% of global production.

### About Graphite:

- A) It is a type of crystal carbon.
- B) It is used in pencils, lubricants and crucibles.
- C) It is mined extensively in China, India and Brazil.



[Image Source: Wikipedia]

## 4th Asian Para Games



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The 4th Asian Para games are being held in Hangzhou, China from October 22-28. India will be hoping to surpass their best performance of 72 medals at the 2018 event in Indonesia, consisting of 15 gold, 24 silver and 33 bronze medals.

### Key Points:

- A) Athlete, Prachi Yadav won a silver in canoeing in the Women's VL2 category.
- B) Prachi secured a silver medal finish by clocking 1:03.47s while Irodakhon claimed the gold medal with a timing of 1:02.125s.
- C) In Men's High Jump-T63, India sweeps the podium as Shailesh Kumar wins gold.



[Image Source: Wikipedia]

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