

Decoding The Hindu Article

Andaman to get gas-based power plant

Environment Ministry has approved an exemption to laws governing regulation of coastal zones

JACOB KOSHY
NEW DELHI

The Union Environment Ministry has approved an exemption to the laws governing the regulation of coastal zones and has paved the way for gas-powered plants to be set up on the Andaman and Nicobar islands.

The Island Coastal Zone Regulation (ICRZ), 2019, limits infrastructure development on vulnerable coastal stretches.

Enabling provision

In the aftermath of a proposal from the Andaman and Nicobar Coastal Zone Management Authority (ANCZMA), an expert body of the

Ministry of Environment and Forests, called the National Coastal Zone Management Authority (NCZMA), recommended in August 2021 that it was necessary to provide an "enabling provision in the ICRZ notification" to meet the energy requirement of the islanders while reducing the dependence on highly polluting energy sources such as conventional diesel generator (DG) sets.

The NCZMA has recommended that gas-based power plants be permitted within the Island Coastal Regulation Zone area only on islands with geographical areas greater than 100 sq. km.



Andaman administration has sought dual-fuel power plants. •AFP

The Central government, following this, invited comments from the public on modifications to the ICRZ, and on May 5, issued a notifi-

cation accepting the National Coastal Zone Management Authority recommendation.

The Andaman and Nicobar administration is expected to commission a 50-MW power project running on liquefied natural gas at Hope Town, Port Blair, to be developed by the National Thermal Power Corporation (NTPC).

Following visits by the NTPC personnel, a dual-fuel power plant that runs on both diesel and LNG is expected to be commissioned.

Back-up clause

Diesel is necessary, the Andaman administration authorities argued, as a back-up

fuel when the region faced inclement weather.

There has been an increased interest in the development of the Andaman region following a policy push by the NITI Aayog.

A proposed project plans to develop the Greater Andaman region or the southernmost stretch of the island group.

Proposals include a 22-sq.km airport complex, a transshipment port (TSP) at South Bay at an estimated cost of ₹12,000 crore, a parallel-to-the-coast mass rapid transport system and a free trade zone and warehousing complex on the southwestern coast.

Vocabulary

Word	English Meaning	Hindi Meaning
Steep	(Adjective): (of a price or demand) not reasonable; excessive.	अनुचित

Static News

The overarching aim of ICZM is sustainability, while achieving the best possible outcomes for both large-scale and local-scale issues concerning society, the environment and the economy. ICZM is a dynamic, multidisciplinary and iterative process to promote sustainable management of coastal zones.

Devendra Kumar Joshi, 8 October 2017 – Incumbent is the current governor of the islands.

Grammar

News, innings, politics, summons, physics, economics, ethics, mathematics, mumps, measles, rickets, shingles, billiards, athletics are certain nouns that are plural in form but singular in meaning. They take singular verb.

Example: No news is good news.

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Grammar

Decoding The Hindu Article

'Govt. must cut duty on fuel if oil price stays above \$100'

CII president urges 'efficient welfarism', flags inflation

VIKAS DHOOT
NEW DELHI

The government should consider offering relief to Indian consumers by paring excise duties on petroleum products, if global crude oil prices remain above \$100 a barrel, the Confederation of Indian Industry (CII) president T.V. Narendran said on Monday.

Mooting a mix of 'some efficient welfarism with appropriate policy action to control inflation', Mr. Narendran indicated it was essential to sustain consumption.

"While most sectors have recovered to pre-pandemic activity levels, the recovery in consumption had been a bit fragile and demand is



T.V. Narendran

starting to strengthen now," he said in an interview.

"If oil prices stay above \$100, then if there is something that can be done on excise duties, etc. to reduce the pressure on the common man... that's something to be considered along with

checking if there is some room between the refiners' margin and the retail margins," he suggested. The CII is also mooting a simplification of the Goods and Services Tax regime with fewer rates and resolution of anomalies in norms relating to taxes deducted at source and tax collected at source to spur the economy amid the heightened uncertainty caused by the war in Europe and surging input costs.

"To be fair to the RBI, it has been very prudent so far and too much inflation is also not good for economic activity," he said, adding that the government must persist with its infrastructure spending focus.

Vocabulary

Word	English Meaning	Hindi Meaning
Denude	(Verb): strip (something) of its covering, possessions, or assets.	उघाड़ना
Abets	(Verb): encourage or assist (someone) to do something wrong, in particular to commit a crime.	शह मिलती है
Preclude	(verb): prevent from happening; make impossible.	रोकना

Static News

The Confederation of Indian Industry is a non-governmental trade association and advocacy group headquartered in New Delhi, India, founded in 1895. CII engages business, political, academic, and other leaders of society to shape global, regional, and industry agendas. It is a membership-based organisation.

President: T. V. Narendran

Members: Direct 9,000+; Indirect 3,00,000

Director General: Chandrajit Banerjee

Headquarters: New Delhi, India

Grammar

A descriptive adjective is a word which describes nouns and pronouns. Most of the adjectives belong in this type. These adjectives provide information and attribute to the nouns/pronouns they modify or describe. Descriptive adjectives are also called qualitative adjectives.

The descriptive adjectives can be simply defined as the type of adjectives that are used to express the size, color, or shape of a person, a thing, an animal, or a place. They are used to provide more information to a noun by describing or modifying it.

Decoding The Hindu Article



Operation Dudhi: Assam Rifles honours surviving soldiers

A team of 15 soldiers killed 72 extremists

SPECIAL CORRESPONDENT
GUWAHATI

The paramilitary Assam Rifles on Monday felicitated the surviving soldiers of Operation Dudhi, marked in the country's defence history as India's most successful counter-insurgency operation more than 30 years ago.

A team of 15 soldiers of the Assam Rifles' 7th Battalion led by Naib Subedar Padam Bahadur Chhetri had on May 5, 1991, gunned down 72 Pakistan-trained extremists and captured 13



The Assam Rifles honouring the heroes of Operation Dudhi in Shillong on Monday. •SPECIAL ARRANGEMENT

others at 14,000 ft in J&K.

Two Assam Rifles soldiers – riflemen Kameshwar Prasad and Ram Kumar Arya – died during the six-hour gun battle.

"Our Director-General, Lt. Gen. P.C. Nair, had met

some of the heroes of Op Dudhi during a recent trip to Nepal and thought of felicitating them for their outstanding feat that is yet to be matched. They were honoured in Shillong today," a spokesperson said.

Vocabulary

Word	English Meaning	Hindi Meaning
Flutter	(Noun): a small bet.	स्पर्दन
Shunned	(Adjective): persistently avoided, ignored, or rejected.	त्याग

Static News

Conducted on May 3, 1991, Operation Dudhi was led by Subedar Padam Bahadur Chhetri. He along with others had moved toward the snow-laden camp at Dudhi from Bari Baihk when the troops came under attack from militants that had infiltrated into the area.

Grammar

Predicative adjectives go after the verb, in the second position. They often function as the object of the verb. Since the verb and the object are the predicate of the sentence, we use the term "predicative."

They are describing the subject of the sentence. These adjectives are essential information in the sentence - in fact, the goal of sentences is usually to share this information.



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Decoding The Hindu Article

Improved GSLV to be ready by this year

Modifications have been made to its cryogenic upper stage as per panel's recommendations

TIKI RAJWI
THIRUVANANTHAPURAM

The Geosynchronous Satellite Launch Vehicle (GSLV) with improvements added to its cryogenic upper stage (CUS) is expected to be ready in the second half of this year.

A high-level panel which examined last year's failed GSLV-F10/EOS-03 mission had recommended measures for making the CUS more robust. Indian Space Research Organisation's Liquid Propulsion Systems Centre (LPSC) is tasked with making the required modifications to the cryogenic engine-powered upper stage of the GSLV Mk II rocket.

A senior official of the Vikram Sarabhai Space Centre



Fixed up: The Geosynchronous Satellite Launch Vehicle failed to inject into the orbit on August 12, 2021. • FILE PHOTO

(VSSC), ISRO's lead unit on launch vehicles, says the next GSLV flight will be held once the modifications are incorporated.

The GSLV-F10 mission on August 12, 2021 was designed to place the earth observa-

tion satellite EOS-03 in a geosynchronous transfer orbit, but the upper stage of the rocket malfunctioned, forcing the space agency to abort the mission. A national-level Failure Analysis Committee (FAC) later concluded that a

leak in a Vent and Relief Valve (VRV) had led to a lower build-up of pressure in the Liquid Hydrogen (LH2) propellant tank, leading to a failed mission.

To avoid leaks

Modifications planned include a mechanism to ensure sufficient pressure in the tank before the engine burns and strengthening of the VRV to avoid leaks.

On Thursday, Union Minister of State for Science & Technology Jitendra Singh informed the Rajya Sabha in a written reply that computer simulations as well as multiple ground tests, "closely simulating the conditions in the GSLV-F10 flight, had validated the ana-

lysis of the FAC." He points out that the satellite for the next GSLV mission is expected to be ready for launch in the fourth quarter of 2022 and the mission failure is not likely to delay "related projects".

The FAC, whose report was published in March, points to a leak in the VRV as the underlying reason for the failure. Pressure build-up in the liquid hydrogen (LH2) propellant tank was low when the upper stage engine was to ignite. This caused the fuel booster turbo pump inside the LH2 tank, which feeds the main turbo pump of the engine to malfunction, affecting the flow of propellant into the engine thrust chamber.

Vocabulary

Word	English Meaning	Hindi Meaning
Robust	(Adjective): strong and healthy; vigorous.	मजबूत

Static News

Geosynchronous Satellite Launch Vehicle is an expendable launch system operated by the Indian Space Research Organisation. GSLV was used in fourteen launches from 2001 to 2021, with more launches planned. Even though GSLV Mark III shares the name, it is an entirely different launch vehicle.

The Vikram Sarabhai Space Centre (VSSC) is a major space research centre of the Indian Space Research Organisation (ISRO), focusing on rocket and space vehicles for India's satellite programme. It is located in Thiruvananthapuram, in the Indian state of Kerala. The centre had its beginnings as the Thumba Equatorial Rocket Launching Station (TERLS) in 1962. It was renamed in honour of Dr. Vikram Sarabhai, often regarded as the father of the Indian space program. H.G.S. Murthy was appointed as the first Director of Thumba Equatorial Rocket Launching Station

Grammar

Conjunctive adverbs are parts of speech that are used to connect one clause to another. They are also used to show sequence, contrast, cause and effect, and other relationships. It provides transitions between ideas and shows relationships. Conjunctive adverbs are also called connectors.

Examples:

It rained last night. Nonetheless, the final match has not been canceled



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Tata Steel to stop Russia coal imports on supply uncertainty

‘Supplies from U.S., other markets to make up for shortfall’

SPECIAL CORRESPONDENT
MUMBAI

Tata Steel Ltd., one of the major importers of Russian coal in recent months, has decided to stop procurement from the country citing ‘uncertainties’ over supplies following international sanctions imposed on it after Ukraine invasion.

“To ensure business continuity, we have sourced alternative supplies of raw materials, as transactions with Russian suppliers and bankers at present come with a lot of uncertainties as a result of international sanctions imposed on Russia,” a Tata Steel spokesperson said in a statement.

Though companies from India were still procuring



crude oil and coal at discounted prices from Russia to meet their requirements, payments to Russian suppliers through the prevailing banking channels remained a concern owing to the economic sanctions.

Even though there has been no ban on coal imports from Russia, Tata Steel is believed to have taken the decision to sustain its operations

through reliable supplies from overseas at a time when shortage of coal is threatening to disrupt energy generation in India.

‘Diversified supplies’

“We believe that impact will not be there as the company has a very diversified procurement mechanism with supplies coming from Mozambique to Australia,” Kamlesh Bagmar, deputy head of research at Prabhudas Lilladher said.

“Increased supplies from U.S. and other markets are likely to make up for the shortfall, if any.”

Tata Steel shares gained 1.84% to ₹1,295.10 apiece on the BSE on Monday when the Sensex slid 0.15%.

Vocabulary

Word	English Meaning	Hindi Meaning
Clinched	(Verb): grapple at close quarters, especially (of boxers) so as to be too closely engaged for full-arm blows.	जीता

Static News

Who is the biggest export of coal?

Indonesia

Indonesia remained the world's largest exporter of coal (by weight) with total exports of 455 Mt in 2019. Australia ranked second, at 395 Mt, although it remains at the top of the league table ranked by energy and economic values. China was the largest importer of coal in 2019 at 308 Mt, followed by India at 249 Mt.

Grammar

Adverbs of frequency are used to express time or how often something occurs. Adverbs of frequency can be split into two main groups. The first, adverbs of indefinite frequency, are terms that have an unclear meaning as to how long or how often something occurs: usually, always, normally. These adverbs will usually be placed after the main verb or between the auxiliary verb and infinitive.

Examples:

- ☐ The adverb is usually placed before the main verb.
- ☐ I can normally make the shot.
- ☐ I will always love



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India bests New Zealand



Breezing through: Ankita is all smiles after her victory over New Zealand's Hourigan. • SPECIAL ARRANGEMENT

BILLIE JEAN CUP

SPORTS BUREAU

Rutuja Bhosale and Ankita Raina won their singles matches as India beat New Zealand 2-1 in the round robin league of the Asia-Oceania Billie Jean King Cup women's tennis tournament in Antalya, Turkey.

Rutuja handled a tricky tie-break in the second set to beat Valentina Ivanov in straight sets, while Ankita was more assertive in her 7-5, 6-3 victory over Paige Hourigan in the second singles.

It was the second victory for India after the one against Indonesia. India had earlier lost to Japan and China.

The top two teams qualify for the World Group play-off while the bottom two teams from the six-team competition would get relegated to group-2.

The results (league): India bt New Zealand 2-1 (Rutuja Bhosale bt Valentina Ivanov 6-1, 7-6(3); Ankita Raina bt Paige Hourigan 7-5, 6-3; Sowjanya Bavisetti & Riya Bhatia lost to Paige Hourigan & Erin Routliffe 2-6, 0-6).

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Vocabulary

Word	English Meaning	Hindi Meaning
Enigma	(Noun): a person or thing that is mysterious or difficult to understand.	पहेली

Static News

Rutuja Sampatrao Bhosale is an Indian tennis player. She made her debut for the India Fed Cup team in 2012. In that year, she also achieved her highest junior ranking of world No. 55.

Born: 27 March 1996 (age 26 years), Shirampur.

Ankita Ravinderkrishan Raina is an Indian professional tennis player. She is the current Indian no. 1 in women's singles. Raina has won one title on the WTA Tour and one at WTA 125 tournaments, along with 11 singles and 20 doubles titles on the ITF Circuit.

Born: 11 January 1993 (age 29 years), Ahmedabad

Grammar

The complex houses married and single soldiers and their families.

Which Parts of speech does 'houses' in the above mentioned sentence belongs to?



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