

## India's First SSLNG Plant in Madhya Pradesh | Madhya Pradesh | 23 Mar 2024

#### Why in News?

Recently, the Union Ministry of Petroleum and Natural Gas dedicated to the nation **India's first small**scale liquefied natural gas (SSLNG) unit at GAIL (India) Ltd's in Vijaipur, Madhya Pradesh.

## **Key Points**

- The government aims to increase the share of <u>natural gas</u> in its primary energy mix to 15% by 2030 from a little more than 6% at present.
  - This is because natural gas is far less polluting than conventional hydrocarbons like coal and oil; it is also cheaper than oil, more than 85% of India's requirement for which is met through costly imports.
  - Natural gas is seen as a key transition fuel in India's journey towards green energy and future fuels.
- However, a major challenge in scaling up gas consumption lies in the transportation of gas to places that are not connected by the country's natural gas pipeline grid.
- Small-Scale Liquefied Natural Gas (SSLNG):
  - It refers to the liquefaction of natural gas and its transportation using unconventional means in a significantly smaller-scale operation than the usual large-scale liquefaction, regasification, and transportation infrastructure and processes.
  - The SSLNG chain can start from a large-scale LNG import terminal from where the LNG, instead of being regasified and supplied through pipelines, can be transported to consumers by cryogenic road tankers or small vessels.
  - The chain can also start at locations with ample natural gas supply or production, where small liquefaction plants can be set up.
    - The SSLNG unit at Vijaipur, which is GAIL's largest gas processing facility, is an example of the latter kind of location.

# How Liquefied Natural Gas (LNG) is made



1. Cleaned Natural gas is cleaned of impurities 2. Liquefied Becomes liquid after being cooled to approx -160C

**3**. **Transported** Easier and safer to move (takes up 600 times less space)

## Justice Satyendra Kumar Singh Sworn in as New Lokayukta of Madhya Pradesh | Madhya Pradesh | 23 Mar 2024

#### Why in News?

Recently, **Justice Satyendra Kumar Singh** was appointed as the new **Lokayukta (anti-corruption ombudsman)** of Madhya Pradesh.

## **Key Points**

 He took the oath of office in the ceremony administered by Governor Mangubhai Patel at Raj Bhavan.

## Lokayukta

- The Lokayukta is the Indian Parliamentary Ombudsman, executed into power, through and for, each of the State Governments of India.
- It is an anti-corruption authority. The object of the Lokayukta system in a state is to investigate grievances, allegations against public servants.
- The origin of the Lokayukta can be drawn to the Ombudsman in Scandinavian countries.
- In India, the Administrative Reforms Commission, (1966-70), had recommended the creation of the Lokpal at the Centre and Lokayukta in the states.
- Before the passing of the Lokpal and Lokayuktas Act in 2013, several states in India passed laws for creating the Institution of 'Lokayukta'.
  - Maharashtra was first in this respect with its Lokayukta body established in 1971.

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