



# Adani Starts India's Biggest Programme on Hydrogen Blending in NatGas

**New Delhi:** Adani group has started blending green hydrogen in natural gas that is supplied to households for cooking purposes in parts of Ahmedabad, with a view to cut emissions and meet net-zero targets. Adani Total Gas Ltd, the group's ci-

ty gas joint venture with French energy giant TotalEnergies, has started blending 2.2-2.3 per cent of green hydrogen in piped natural gas supplies in Shantigram in Ahmedabad, the firm said in a post on LinkedIn.

Hydrogen produced through clean pathways is injected into natural gas pipelines, and the resulting blends are used to generate heat and power with lower emissions than using natural gas alone. The firm has started producing green hydrogen by using

renewable energy sources like wind or solar power, to split water into hydrogen and oxygen through a process called electrolysis. This hydrogen is blended in natural gas that is currently piped to households for cooking purposes and industries. **-PTI**



## ADANI TOTAL BEGINS BLENDING NATURAL GAS, HYDROGEN



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# Adani Group starts blending green hydrogen in Ahmedabad



**STATESMAN NEWS SERVICE**  
NEW DELHI, 6 OCTOBER

Adani Group has started blending green hydrogen in Ahmedabad with a view to cut emissions and meet net-zero targets.

Green hydrogen, a natural gas, is supplied to households for cooking purposes.

In a post on social media platform LinkedIn, the firm said, Adani Total Gas Ltd, the group's city gas joint venture with French energy giant TotalEnergies, has started blending 2.2-2.3 per cent of green hydrogen in piped natural gas supplies in Shantigram in Ahmedabad.

"We are thrilled to announce the successful commissioning of our Hydrogen Blending System and in-situ Hydrogen Generation at Adani Shantigram, Ahmedabad," Adani-Total Gas Ltd (ATGL) said.

"This project will provide uninterrupted hydrogen-blended natural gas to 4,000 domestic and commercial consumers."

Presently, state-owned power generator NTPC supplies green hydrogen blended natural gas to households in Kawas in Surat district, Gujarat.

"This achievement marks a significant step towards reducing our carbon footprint and transitioning to cleaner energy solutions. By blending hydrogen with natural gas, we are lowering greenhouse gas emissions, enhancing energy security, and supporting sustainable development," it added said.

Adani-Total Gas Ltd has started producing green hydrogen by using renewable energy sources like wind or solar power, to split water into hydrogen and oxygen through a process called electrolysis.

This hydrogen is blended in natural gas that is currently piped to households for cooking purposes and industries.

The firm will slowly increase the green hydrogen blend in natural gas to 5 per cent and ultimately to 8 per cent and widen supplies beyond Shantigram to other parts of Ahmedabad and eventually across other areas where it holds a city gas license.

ATGL is currently doing 2.2-2.3 per cent blending and will slowly increase it to 5 per cent and ultimately to 8 per cent, the limit set by the regulators at present.

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**PTI**



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The firm will slowly increase the green hydrogen blend in natural gas to 5 per cent and ultimately to 8 per cent and widen supplies beyond. — PTI

**MEGA JOBS PUSH OFF TO A SOLID START**

# India Inc Takes up Internship Scheme, Kick-starts Hirings

ITC, Rel Retail, Adani Group, TCS & more – 500 cos across verticals list as ‘partners’ on MCA’s portal

Jobs available for roles ranging from sales, marketing, entrepreneurship to farm



**Ratna Bhushan & Sharmistha Mukherjee**

**New Delhi:** ITC, Reliance Retail, Adani Group, TCS, Coca-Cola, Eicher, Deloitte, Mahindra Group, Maruti Suzuki, PepsiCo, HDFC, ICICI, Wipro, HUL, Samsung and Hewlett Packard are among 500 firms that have listed themselves as ‘partner companies’ for the PM internship scheme, launched on October 3.

Executives at some of these companies that ET reached out to said they are starting the process to hire interns across roles such as sales, marketing, entrepreneurship and farm-focused roles.

“Corporate houses would have to take this forward to create a multiplier effect,” said Vinod Aggarwal, managing director of VECV (VE Commercial Vehicles, a Volvo Group and Eicher Motors joint venture). “Either under the aegis of Eicher Motors or individually as VECV, we will on-board interns under the scheme, and are particularly keen on extending internships to women to increase diversity,” he added.

Irene Tan, vice president, human resources at Coca-Cola India and South West Asia, said the beverage maker is hiring interns to “tackle high-impact projects that test their strategic and creative skills.”

Candidates between 21 and 24 years of age, who don’t have full-time jobs, have passed a minimum of Class 10 and had annual household incomes of less than ₹8 lakh in 2023-24 are eligible to apply for internship under the scheme, according to information on the Ministry of Corporate Affairs (MCA) portal.

The scheme also excludes candidates who are post-graduates.

The scheme offers a monthly stipend of ₹5,000 for a year to 10 million interns in 500 companies over five years.

A senior executive at a large hiring firm said the stipend needs to be increased.

“The stipend amount is minimal and should be definitely increased to help youth who are not employed and incentivise applicants. Considering that large companies have onboarded as partners in the scheme, perhaps the companies may themselves increase the stipend amount,” the executive said on condition of anonymity.

A PepsiCo spokesperson said it is hiring interns with focus on women for sales, manufacturing and agriculture. “We have launched a movement, RevolutioNari, to empower women towards building economically independent lives, enabling them to take informed career decisions, provide upskilling opportunities in roles like sales, manufacturing, and agriculture,”

which companies will be able to select and hire them.

The Mahindra Group will hire 2,100 interns across multiple businesses, a company spokesperson said. Of these, the auto and farm

**CLOSE WATCH**



**Some companies said they are in the**

**process of finalising their hiring plans under the scheme announced by the FM in the budget**

equipment sectors at M&M will provide 1,000 internships each, while Mahindra Finance intends to hire 100 interns.

Skoda, ICICI Prudential Life Insurance, Franklin Templeton, Bajaj Housing, Emami, Jubilant Group, Max Life Insurance, Britannia, Procter & Gamble, Crompton Greaves, Tata Consumer Products, TVS, HDFC Life Insurance, Marico, Dabur, J&J, Colgate, Tata Motors, Godrej Consumer, Titan and Reckitt are among the others that have onboarded the portal as partner companies, with the numbers swelling from 111 on October 4 to 500 as of press time Sunday.

Some companies said they are in the process of finalising their hiring plans under the scheme announced by the finance minister in her budget speech on July 23.

“We are currently in the planning stage of its programme,” a spokesperson of audit and advisory consultancy Deloitte said.

**ON OFFER**



**The scheme offers a monthly stipend of ₹5,000 for a year to 10 million interns in 500 companies over five years**

the person said.

Interested candidates need to register and apply on the MCA portal, and their documents will be matched with companies’ requirements and shortlisted, following

**ET Q&A** **ARUNANGSHU SARKAR**  
 DIRECTOR, STRATEGY AND CORPORATE  
 AFFAIRS, ONGC

# ONGC will now Have a Four-pronged Strategy for Growth'

Faced with the challenge of decreasing hydrocarbon reserves and maintaining production levels, state-run Oil and Natural Gas Corporation no longer wants to rest on its laurels. The company has devised a four-pronged strategy to emerge as an integrated energy player. Arunangshu Sarkar, ONGC's first-ever director of strategy and corporate affairs, told ET's Kalpana Pathak in an interview. Edited excerpts:



**What are your immediate tasks?**

We are aware that the exploration and production industry is going through a sea change now. Though disruptions are widespread in this industry, we see a different type of disruption caused by the advent of renewable energy. As director of strategy and corporate affairs with a portfolio encompassing marketing, legal, joint ventures, petrochemical, digitalisation and centralised procurement, my immediate tasks would primarily focus on aligning these departments to achieve overarching business objectives and carefully craft a strategy for the future.

**What will that strategy be?**

My strategy will be four-pronged. First, we are embracing the new energy frontiers to diversify into renewable energy and set up capacities in solar, wind, hybrid, and RTC (round-the-clock renewable energy). Our target will be to grow inorganically. We have also set an ambitious target to achieve net zero (scope 1 and 2) by 2038. The second priority will be to build on the existing strengths. We need to consolidate our existing portfolio by controlling costs and plugging the loopholes where we can, to reduce the cost, be it onshore or offshore. Third, we are looking at digitisation in a big way. Remote monitoring will help bring down our costs and manage our assets efficiently. And fourth, we are planning to go big on petrochemicals as petrochemical demand in the country is expected to remain strong.

**How do you plan to leverage ONGC Petrol Additions Ltd (OPaL) to go big on petrochemicals?**

ONGC's strategic vision is to become an integrated global energy major by increasing its footprint across the downstream and petrochemical value chain. OPaL is the largest direct investment in greenfield projects to date and a significant step towards realising its goal of integrating global oil to a chemical major. But OPaL has had a problem with high debt. So, ONGC has taken steps to correct its lopsided capital structure and this August, we received government approval for capital infusion of ₹18,365 crore (into the firm). With this, OPaL's debt burden will come down to a healthy level.

**ONGC's P/E ratio is low and compar-**

**GREEN HYDROGEN**

ONGC is setting up a demonstration plant for generating hydrogen from its produced effluent containing permissible limit of oil and gas

**actively undervalued. Any strategy to improve the same?**

I agree that the PE is comparatively undervalued for ONGC. My approach to boosting the P/E ratio will focus primarily on four factors – improving profitability through cost optimisation and expansion in new geographies through strategic M&As; focusing on diversification of revenue streams through investments in renewable sources; enhancing investor confidence by developing a keen focus on ESGs, consistent dividend policy and transparent communication; and socialising key strengths of the company and optimising capital structure, as we have almost always been debt-free.

**ONGC's hydrocarbon production has been on a decline. Any measures you are taking to stem the decline?**

We have already exploited our assets for over 40 years. So, the pressure of hydrocarbons is less and now there is a natural decline in production. But we are trying to maintain our production by reservoir management methods. And that, in itself, is a challenge. Also, our equipment, platforms, and structures are getting old and we need to replace those.

**What is your plan on the green hydrogen front?**

On the green hydrogen front, ONGC is setting up a demonstration plant for generating hydrogen from its produced effluent containing permissible limit of oil and gas. The plant at Meh-sana, Gujarat, is under the commissioning stage. ONGC has engaged a consultant for detailed technical feasibility, cost estimate, and tender documents for setting up an alkaline electrolyser green hydrogen plant at Tatipaka, Andhra Pradesh, corresponding to 5 MW of existing sola capacity.



# Take Indore Activity All Over



**Amitabh Kant**

Cities are key drivers of growth, and with ambitious targets, more than half of India's population is projected to live in urban areas. However, 42 Indian cities rank among the top 50 globally for the worst air pollution. Nearly half of our 603 rivers are polluted, and less than 20% of the generated waste is treated. Climate-related events are also putting increasing pressure on cities.

A comprehensive roadmap is needed to clean India's 50 most polluted cities by 2030, alongside sector-specific action plans targeting residential combustion, industrial and power plant emissions, transport, and waste management.

Indore's transformation offers valuable lessons. In 2015, it lacked proper waste management infrastructure and had a century-old legacy landfill. Rivers and nullahs were contaminated by sewage from homes. Today, Indore stands as India's cleanest city.

Here's how Indore did it:  
**► Waste management** Door-to-door waste collection and training of municipal workers were central to the

strategy. Six types of waste were segregated from 5.85 lakh households, with specialised vehicles used for transportation. This waste was then transferred to six fully mechanised processing plants. Technology was leveraged to track vehicles, and a digitalised weighing system was implemented. A bio-CNG plant, set up in 2022, now produces 17,000 kg of CNG daily from wet waste.

GIS was used to identify sewage outfalls in nullahs, and leakages were fixed. Over 200 km of nullahs were cleaned, improving discharge efficiency during the monsoon. Reuse of treated sewage, rainwater harvesting and other initiatives earned Indore the title of India's first Water Plus City.

**► Air pollution management** The city banned the burning of solid waste and imposed strict regulations on construction and demolition waste. Transitioning to clean cooking fuels and using cleaner industrial boilers were part of the plan. Indore is also gradually electrifying its public transport system.

**► Financing mechanisms** Indore sold advertising rights at community and public toilets, embedding circular economy principles. It became India's first urban local body to trade carbon credits and issued the country's first green bonds, raising ₹244 crore.

Based on these learnings, a city-level Grand Challenge (GC) programme with clear timelines and targets is needed to clean our cities. GoI, along

with bodies like CPCB, could run this programme by scaling up NCAP, aiming for at least a 35% reduction in PM2.5 levels by 2030. Cities should be evaluated on their performance in addressing pollution sources.

These steps need to be taken:  
**► Residential combustion** can account for up to a third of PM2.5 levels, according to NCAP. Key indicators could include the shift to clean cooking, elimination of stubble burning, biomass power plant projects and a transition from firewood to electric heating.

**► Stricter norms for industrial emissions** Traditional brick kilns are significant contributors to PM2.5 pollution and converting them to advanced tech should be a focus. Another priority is enforcing the 2015 emission standards for thermal power plants. Transitioning industrial boilers to electric alternatives will also be essential for reducing emissions.

**► Electrification of transport** Phasing out old two-wheelers (over 12

years), mandating registration of electric three-wheelers, e-buses and electrifying airport transport are potential targets.

**► Clear waste management practices** A value chain for waste segregation, collection, recycling and reuse—following the Indore model—should be incentivised. Other action areas include prohibiting the burning of solid waste, phasing out single-use plastics, developing green belts and moving to a waste-to-wealth model. Installing air quality monitoring devices should be a priority.

**► Strong funding** Responsibility for action lies with cities and municipal governments. A fund of ₹10,000 crore could be set aside for the next five years, with the top five performing cities receiving financial incentives.

To effectively combat urban pollution, India must adopt the GC programme, drawing lessons from Indore's success. With clear targets and strong accountability, cities can reduce pollution and improve liveability. This mission requires collaboration between GoI, state governments and municipal bodies.

Together, we can transform our cities into sustainable urban centres—making them not just engines of growth but models of environmental stewardship. The time to act is now, for the future of our cities and the well-being of our people.



**Spick and span**

*The writer is India's G20 sherpa*

# Geopolitics, crude prices worry businesses

Rajeev Jayaswal

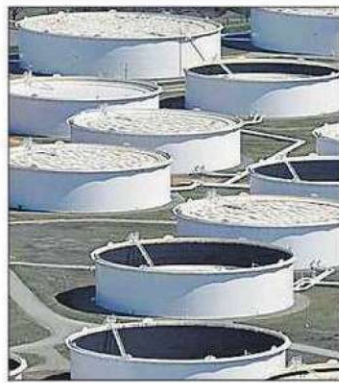
letters@hindustantimes.com

**NEW DELHI:** Indian businesses consider protracted geopolitical tensions, spike in global commodity prices and slowing external demand are the three major business concerns in the second half of FY25, the latest CII Business Outlook Survey said, citing responses from 200 firms.

Skewed consumption demand, volatility in food prices and volatility in financial markets are the next three key concerns, in that order, it said.

Of the respondents, 24% said lengthy geopolitical tensions were the topmost worry, said the report.

The global economy has been on the edge following Iran's ballistic missile attack on Israel on October 1 and fears of an impending Israeli retaliation, which could further escalate conflict in the Gulf region and disrupt energy supplies, besides imperilling goods shipments across popular sea routes. The geopolitical developments saw



**The geopolitical developments saw benchmark crude surge over 8.4% in a week.** REUTERS

benchmark crude surge more than 8.4% in a week to close at \$78.05 a barrel on Friday.

According to experts, rising crude oil prices may stoke inflation and impact the central bank's monetary policy committee (MPC) decision this week because of India's overdependence on imported crude. This may prolong the domestic industry's anxious wait for an interest rate cut by the Reserve Bank of India. "Almost 34% of the

respondents anticipate RBI to begin with its rate cutting cycle by Q3 FY25. Another 31% of them expect the central bank to cut rates by Q4 FY25," CII survey said.

"With banking liquidity in surplus in recent period, we can expect the central bank to provide some easing in interest rates or at least a change in policy stance in the upcoming monetary policy in October," it added. The three-day MPC meeting of RBI is scheduled from Monday.

The survey, which was conducted in September covering over 200 firms, said the industry is, however, bullish about the domestic economy. "India's economic growth has held up well despite global challenges. Economic momentum has gained speed post the general elections. Industry is buoyed by the policy continuity," CII said in a statement.

The CII Business Confidence Index (BCI) "soared" to a two-quarter high of 68.2 in the second quarter of FY25, as com-

pared 67.3 in the previous quarter and 67.1 in the corresponding quarter last year, it said. The index, however, fell marginally compared to 68.3 in Q4 of FY24.

"The upcoming festive season portends well for fortifying growth prospects further. That said, the uncertainty in the global scenario persists, necessitating a careful watch on the evolving economic conditions," CII said citing the survey. Respondents mentioned factors such as improvement in consumption, especially rural demand, steady progress in monsoon, continued emphasis on reforms and fresh sightings in private investment as the key reasons that would drive growth in 2024-25, it said.

"Indeed, more than half (59%) of the respondents anticipate an improvement in private capex in H1FY25 as compared to H2FY24. This is encouraging as this is likely to provide support to public capex which has shown an uptick recently after a lull in the first quarter due to elections," it added.

# Global investor interest ignites green H<sub>2</sub> ambitions at key ports

**GAINING MOMENTUM.** Sembcorp and Statkraft among key bidders for projects

**Abhishek Law**

New Delhi

India's ports are looking to push ahead on green hydrogen projects with at least two international players Sembcorp and Statkraft expressing interest. This apart, four proposals at the Deendayal Port (formerly Kandla Port) — for L&T, Reliance, AM Green and Welspun — have been finalised while a pilot project is underway in Tuticorin, Sarbananda Sonowal, Union Minister for Ports, Shipping and Waterways, told *businessline*.

The first phase of green hydrogen production is expected to commence from FY26.

## INCREASED INTEREST

Recently, India participated in an international conference in Singapore, seeking collaboration on green hydrogen initiatives.

"There has indeed been



**GREEN LEAP.** Deendayal Port received 13 bids for setting up green hydrogen plants, of which four have been finalised REUTERS

interest from global bidders to set up green ammonia or hydrogen plants at Indian ports," Sonowal said.

Deendayal Port received 13 bids for setting up green hydrogen plants, of which four have been finalised. Nearly 3,400 acres have been allotted for development of green hydrogen projects.

According to Sonowal, the overall investment "is being finalised." The investments in Kandla Port will "primar-

ily be channelled through a Public-Private Partnership (PPP) model". In addition to port authorities and private players, various stakeholders will be involved in the development of the facilities.

For example, the development of desalination projects will predominantly rely on private investments while the establishment of power sub stations will be in collaboration with the Central Transmission Utility of India

Ltd. The port will take responsibility for developing common infrastructure, such as roads, pipelines, jetties and loading arms.

"We are currently assessing various PPP modalities to determine the investment model for developing common infrastructure and facilitating green hydrogen projects," he said.

## NEW HYDROGEN HUB

At the Tuticorin port, where another hydrogen hub is being planned, a pilot project for (green hydrogen) re-fuelling and bunkering is under-process with ₹35 crore sanctioned by the Ministry of New and Renewable Energy (MNRE).

The project is scheduled for completion by December 2025. The VO Chidambaram Port Authority port has allocated a 501-acre plot for the project.

"The port authority is collaborating with the State government to secure land for these initiatives," he said.

# Middle East tension comes in the way of fuel price cuts

**Rishi Ranjan Kala**  
New Delhi

Uncertainty over the nature and extent of retaliatory strikes by Israel on Iran is not just keeping the Middle East and global oil markets on tenterhooks but also reducing the headroom available with Indian oil marketing companies (OMCs) to cut petrol and diesel prices.

Between September 11 and October 5, Brent prices rose from below \$70 a barrel to more than \$78, a development that skews the dynamics of firming up decisions to reduce retail prices of key auto fuels.

Analysts and trade sources point out that geopolitical risk dominated oil markets in the first week of October 2024 with WTI and Brent up roughly 8 per cent since the beginning of the week when Iran fired missiles at Israel which, coupled with an ex-

pected retaliatory action, has upped the risk premium.

## CHORUS FOR PRICE CUT

The voices in favour of a reduction in retail prices of auto fuels have been growing since September 11 when Brent crude futures dropped below \$70 a barrel, the lowest since late 2021, and down \$20 a barrel from April's 2024 high. In early August, prices were at \$82.

On September 12, Oil Secretary Pankaj Jain said, "In the last 7-10 days, crude oil prices have come down. Currently, the Ministry is analysing the prices and how long they will stay low. It would not be appropriate to cut prices by following developments in just a week. We need time to analyse this trend."

On September 26, ratings agency ICRA, in a report, said that OMCs' net realisation was higher by around ₹15 a litre for petrol and



about ₹12 for diesel against international product prices (till September 17). Retail selling price (RSPs) of these fuels has been unchanged since March 2024 and there appears to be headroom for their downward revision by ₹2-3 per litre if crude prices remain stable.

A senior government official indicated that crude oil prices are still below OMCs' comfort level of \$80 a barrel. "Refiners' export earnings and other dynamics also need to be factored in," he

added. However, a top official with a domestic refiner said, "Reducing retail prices at this point can happen due to political exigencies. Business-wise, volatility has increased in oil markets. It is difficult to say what will happen there (Middle East) but trade will largely remain out of the conflict's purview like in the last year."

The official, however added that in the next 2-3 months, as OPEC+ reverses production cuts (December 2024) and clarity emerges on China and global oil demand, a far better window of opportunity will be available on reducing the retail prices of petrol and diesel.

## MARKET DYNAMICS

The International Energy Agency (IEA), in its September oil market report, pointed out that global oil demand growth continues to decelerate, with reported H1 2024 gains of 8,00,000 bar-

rels per day (b/d) y-o-y — the lowest since 2020. Outside of China, oil demand growth is tepid at best.

"Chief driver of this downturn is a rapidly slowing China, where consumption contracted y-o-y for a fourth straight month in July, by 2,80,000 b/d," it added.

Trade sources said that weak Chinese demand and economic headwinds had heightened oversupply fears, putting pressure on prices.

In an apparent effort to halt the precipitous slide in oil prices, the IEA said Saudi Arabia and its OPEC+ allies in September announced that they would postpone by two months the planned unwinding of extra voluntary production cuts.

Last week, the Libyan government said it would re-open all oil fields and export terminals, returning around 7,00,000 (b/d) of crude to the market.



## Biogas biz sees commitment of ₹1,850 cr-spend

Investments worth ₹1,850 crore have been committed in the biogas sector during the Renewable Energy India (REI) Expo 2024, a top official of Indian Biogas Association (IBA) said. "We have signed memorandum of understanding worth over ₹900 crore for joint ventures and received almost 50 letter of intends for establishing compressed biogas plants in India," IBA chairman Gaurav Kedia said.



NEW DELHI

## **₹1850 cr investments in biogas sector**

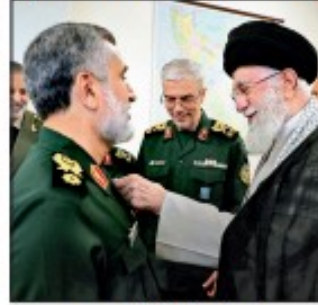
Investments worth Rs 1,850 crore have been committed in the biogas sector during the Renewable Energy India (REI) Expo 2024, held from October 3-5 in Greater Noida, a top official of Indian Biogas Association (IBA) said. "The IBA has secured anticipated investment commitments totaling Rs 1,850 crore through JVs, MoUs, and letters of intent (Lols) at the recently concluded REI Expo 2024," said IBA Chairman Gaurav Kedia.

## ग्रीन हाइड्रोजन का PNG में मिश्रण शुरू

■ भाषा, नई दिल्ली: अडाणी ग्रुप ने अहमदाबाद में घरों में आपूर्ति की जाने वाली खाना खाना पकाने वाली प्राकृतिक गैस (PNG) में ग्रीन हाइड्रोजन का मिश्रण शुरू कर दिया है। 'लिव्कडइन' पर पोस्ट में कंपनी ने यह जानकारी दी। अडाणी टोटल गैस लि. ने पानी को हाइड्रोजन और ऑक्सीजन में विभाजित करने के लिए नवीकरणीय ऊर्जा स्रोतों का उपयोग करके ग्रीन हाइड्रोजन का उत्पादन शुरू किया है। कंपनी ने कहा कि हम अहमदाबाद के अडाणी शातिग्राम में अपने हाइड्रोजन मिश्रण प्रणाली के सफलता से शुरू होने की घोषणा करते हुए काफी रोमांचित हैं।" पोस्ट में कहा गया है कि यह परियोजना 4,000 घरेलू और वाणिज्यिक उपभोक्ताओं को निर्बाध हाइड्रोजन-मिश्रित प्राकृतिक गैस प्रदान करेगी।

## ईरान को अपनी ऑयल साइट्स पर हमले का डर, मंत्री का दौरा

■ इस्त्राइल द्वारा ईरान की ऑयल और बलिस्टिक साइट्स को निशाना बनाए जाने की आशंकाओं के बीच ईरान ने इनकी सुरक्षा बढ़ा दी है। रविवार को ईरान के ऑयल मिनिस्टर ने एक प्रमुख ऑयल यूनिट का दौरा किया। बता दें ईरान पेट्रोलियम निर्यातक देशों के संगठन ओपेक का सदस्य है, जिसका उत्पादन रोजाना लगभग 3.2 मिलियन बैरल (BPD) है, या वैश्विक उत्पादन का 3% है। अमेरिकी प्रतिबंधों के बावजूद ईरानी तेल निर्यात इस वर्ष कई वर्षों के उच्चतम स्तर 1.7 मिलियन BPD के करीब पहुंच गया है। ईरान का अधिकांश तेल और गैस भंडार देश के दक्षिण में स्थित है, जहां खरग द्वीप टर्मिनल है। यहां से लगभग 90% ईरानी तेल निर्यात किया जाता है। ऑयल मिनिस्टर मोहसेन पकनेजाद रविवार को खरग द्वीप पर



इस्त्राइल पर हमले के लिए ईरान ने जनरल आमिर को फतह बैज से नवाजा। स्थित ऑयल फैसिलिटीज का दौरा करने और कर्मचारियों से मिलने पहुंचे। उन्होंने इस्लामिक रिवोल्यूशनरी गार्ड कॉर्प्स (IRGS) नेवी कमांडर मोहम्मद हुसैन बरगाही से भी मुलाकात की। IRGS नेवी तेल और गैस सुविधाओं की सुरक्षा में महत्वपूर्ण भूमिका निभाती है।





## अदाणी : ग्रीन हाइड्रोजन मिश्रित पीएनजी शुरू

अदाणी समूह ने उत्सर्जन में कटौती और शुद्ध-शून्य उत्सर्जन लक्ष्य को प्राप्त करने के उद्देश्य से अहमदाबाद के कुछ हिस्सों में घरों में आपूर्ति की जाने वाली खाना खाना पकाने वाली प्राकृतिक गैस (पीएनजी) में ग्रीन हाइड्रोजन का मिश्रण शुरू कर दिया है। फ्रांस की ऊर्जा क्षेत्र की दिग्गज टोटाल एनर्जीज के साथ समूह की शहर गैस वितरण इकाई अदाणी टोटाल गैस लिमिटेड (एटीजीएल) ने अहमदाबाद के शांतिग्राम में पाइप वाली प्राकृतिक गैस आपूर्ति में 2.2 से 2.3 प्रतिशत हरित हाइड्रोजन का मिश्रण करना शुरू कर दिया है। 'लिव्डइन' पर पोस्ट में कंपनी ने यह जानकारी दी। स्वच्छ मार्गों के माध्यम से उत्पादित हाइड्रोजन को प्राकृतिक गैस पाइपलाइन में डाला जाता है। कंपनी ने इलेक्ट्रोलाइसिस प्रक्रिया के माध्यम से पानी को हाइड्रोजन और ऑक्सीजन में विभाजित करने के लिए पवन या सौर ऊर्जा जैसे नवीकरणीय ऊर्जा स्रोतों का उपयोग करके हरित हाइड्रोजन का उत्पादन शुरू किया है।

भाषा