

WEEK

MGL eyeing to acquire ReNew's assets to develop green portfolio

ARUNIMA BHARADWAJ
New Delhi, February 13

CITY GAS DISTRIBUTION company Mahangar Gas (MGL) is looking at a significant expansion in its CNG infrastructure while also looking to acquire ReNew's existing renewable energy assets to develop its green portfolio, the company's managing director Ashu Shinghal told *FE*.

Additionally, the company plans to spend ₹1,000 crore in the upcoming fiscal year 2025-26 as capex compared with ₹800 crore in the current fiscal year.

"We have been doing 25 CNG stations every year. This year, we expect to set up 80 stations. Right now, we are selling CNG at 48% discount to petrol and 18% discount to diesel.

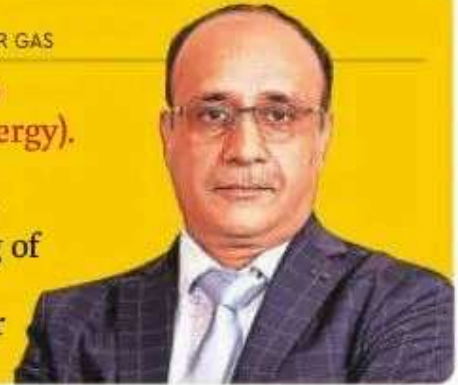
"People are getting more confident about availability of CNG across the highways and hence CGD entities are also building CNG infrastructure on highways," Shinghal said, adding that the CNG market is growing pretty fast.

"With ReNew we are also exploring (for green energy). It's a vast area. We are thinking about existing assets and also thinking of bidding for RTC (round-the-clock) power," Shinghal said, adding that the company will come out with its net zero targets by next year.

As of 2023, ReNew's portfolio stood at 13.8 GW, with approximately 8.3 GW already commissioned and 5.5 GW committed to future projects. The company had said earlier that it plans to add 10

ASHU SHINGHAL, MD, MAHANGAR GAS

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GW capacity by FY26. It is not clear which asset/s of the company MGL is looking at or whether ReNew is open to any sale.

On the profitability front, MGL expects to register decent numbers in FY25 but lower than last year's on the back of higher procurement costs this fiscal. Further, the recent deallocation of domestic gas to the company is said to have some impact on the company's margins.

"This year, the profit will not be as high as last year because in nine months of FY25 we are at ₹750 crore. Last year, we were at ₹1,280 crore. So I don't think we will be able to do that number, but still, it's a very decent performance as far as the financial numbers are given," the MD said.

He further added that the more important thing is that the company is growing at a rate of 12% year on year on the volume part.

"So, financial results can be slightly up or down, but what is more important is that volume growth is there. That gives more

sustainability to the company in the long run. That's what more investors are looking at also," he said.

MGL is also in the process of merging back its wholly owned subsidiary Unison Enviro and hopes to complete the process in FY26. The company hopes that the subsidiary's assets will be better utilized in depreciation and tax benefits.

Speaking on the potential price hikes in CNG sales going forward, Shinghal said that if further deallocation of domestic gas happens, the company may have to pass on the hike but a part of it can also be absorbed depending on the portfolio and the cost at which MGL is able to source the gas.

"We think with this deallocation happening, some of the smaller entities will find it difficult to operate. So there can be some consolidation in the district. We are exploring several options, but nothing on the card," Shinghal said when asked if the company is looking to tie up with other companies.



'India comfortable near \$70-a-barrel crude price'

Rituraj Baruah & Utpal Bhaskar
NEW DELHI

Amid uncertainties in the energy market in the past few years due to global tensions, Hardeep Singh Puri, the Union minister for petroleum and natural gas, said there is a need to ensure predictability and stability in the oil market. At a time of persistent output cuts by the Opec+ grouping, Puri said no single country can drive prices independently in the current scenario. *Edited excerpts:*

In the current geopolitical scenario with narrowing discounts from Russia, how is India placed vis-a-vis Russia, which has emerged as the top supplier due to its initial deep discounts?

Russia was producing the amount it is producing much before the Russia-Ukraine issue took place. When I was in Russia (in September 2021), our imports were 0.2%. Then it (the Russia-Ukraine conflict) did not start. I told them if your prices are correct, then we can buy more from you. They (Russia) are giving discounts. You have a certain



supply. You have to sell it. You are talking about discounts, but still, we are buying about 34% from there.

Do you expect this to be in a \$60-per-barrel kind of range?

It shall not be around \$60 for a simple reason. For prices to come to \$60, you just need some other things taking place. Some economies' demand is satiated. They can't buy more. Some economies have energy poverty. They can buy more if it is affordable.

If you bring it down to \$60, I mean, this is what happened during the pandemic. Sud-

denly, the price dropped to \$19.56 a barrel, and what happened after that... then suddenly (prices) shot up to \$128. So, my understanding as a layman who is now a minister for three-and-a-half years is that what you want is predictability and stability within a range.

What is the range that you prefer?

My preferred range may not be yours, but I think something close to \$70 is good. However, some oil producers will be happier if the rate is \$85. If prices go down to \$60, many will stop producing, and if they stop producing, the price will shoot up. That's not in my interest. I would rather make economic decisions within a range. The current situation is good; if it comes down from \$73-74 per barrel, it's even better.

I have a very limited responsibility. There should be no lack of availability, affordability (of energy) and sustainability.

Now, the oil market is not in the hands of only one individ-

ual or country. Brazil is an Opec member, but it does not agree to the production cuts. It is producing 3 million barrels (per day) and bringing 1.5 lakh barrels more.

BPCL has recently bought 1 million tonnes of oil from Argentina, which we didn't procure earlier. Earlier, we bought from 27 countries; now, it's 40 (countries).

Going ahead... newer supplies will come. I am not worried about the price because a discount is also a reflection of the other person's need to market.

With the Prime Minister's visit to

US, what are the expectations on the energy front, given that we are one of the largest consumers of energy?

First and foremost, let me give you a layman's understanding of energy. Then, I will tell you that I have three-and-a-half years of experience, so I can add something which comes after you've been on the

job. My layman's understanding of energy is that economic activity, the growth of economies and energy are intrinsically linked.

You cannot have a situation of one without the other. If there is energy poverty or energy non-availability, you will have the economies come to a grinding halt or you will have social turmoil. And if you are a democracy of the kind that India is, then this is not an option.

It's imperative that you ensure that energy is available to the bulk of your population at all times. Where are we vis-à-vis the US? My position has not changed. At the height of the other administration, the US was still producing energy. We were still buying \$20 billion worth of energy from the US. One year it came down to \$14 billion, and it went up to \$20 billion again, but we were buying.

I said we were already buying oil worth \$20 billion. If you ask me, as a layman, I'd be surprised if there isn't a discussion on energy. You're already buying \$20 billion worth from them.

For an extended version of this interview, go to livemint.com.

The current situation is good; if it comes down from \$73-74 per barrel, it's even better.

Hardeep Singh Puri
Union minister for petroleum and natural gas

m INTERVIEW

ADNOC Gas, IOCL ink \$9-b supply agreement

Rishi Ranjan Kala

New Delhi

ADNOC Gas has announced a 14-year sales and purchase agreement (SPA) with Indian Oil Corporation (IOCL) for the export of up to 1.2 million tonnes per annum (mtpa) of liquefied natural gas (LNG).

This agreement announced on Wednesday converts the previous Heads of Agreement between the parties into an SPA.

The first deliveries are expected to begin in 2026.

The agreement, valued at \$7-9 billion over its 14-year term, signifies a major step forward in the partnership between the two industry leaders.

Fatema Al Nuaimi, ADNOC Gas CEO, said: "This agreement strengthens our long-standing partnership with Indian Oil and is a testament to the dynamic and robust energy ties between the

UAE and India..."

"ADNOC Gas looks forward to supporting India's plans to make gas 15 per cent of its primary energy basket by 2030."

CUSTOMER BASE

The agreement builds on ADNOC Gas' strategy to expand its customer base, following a series of LNG agreements signed over the past two years.

These deals range from 0.4 mtpa to 1.2 mtpa. They are for periods ranging up to 14 years and reinforce its position as a leading supplier of reliable, lower-carbon LNG to key growth markets in Asia, such as India.

The LNG will be supplied from ADNOC Gas' Das Island liquefaction facility, with a capacity of up to 6 mtpa.

As the world's third longest-operating LNG plant, Das Island has shipped over 3,500 LNG cargoes worldwide so far.

BPCL finalises LNG sourcing agreement with ADNOC Trading



To bolster energy security and facilitate India's shift to a gas-oriented economy, Bharat Petroleum Corporation Ltd (BPCL) has finalised its first Liquefied Natural Gas (LNG) sourcing contract linked to the Henry Hub Index. The agreement established with ADNOC Trading – a wholly owned subsidiary of ADNOC Gas – during India Energy Week 2025, was signed by Akshay Wadhwa, Business Head, Gas, BPCL and Philippe Khoury – EVP, Sales and Trading, ADNOC Gas, in the presence of Sukhmal Kumar

Jain, Director – Marketing, BPCL and Emmanuel De Reynies – Head of Trading, ADNOC Gas.

Speaking about the agreement, G. Krishnakumar, Chairman & Managing Director of BPCL, remarked, "Our agreement with ADNOC Trading is a significant step in securing a stable and cost-effective LNG supply. Diversifying our sourcing with a Henry Hub-linked contract strengthens India's energy security and supports its transition to cleaner energy."

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Businesses line up for India's energy pie: Minister Puri

It is raining deals at the India Energy Week. Minister of Petroleum and Natural Gas Hardeep Singh Puri gave a flavour of the deal action at the end of day three.

- BPCL signed a deal with Petrobras for import of Brazilian crude grades upto 6 million barrels
- IOCL & ADNOC, UAE signed an agreement for sourcing of long term LNG upto 1.2 MMTPA from 2026 onwards for 14 years
- BPCL & ADNOC, UAE have signed a term LNG offtake agreement for five years
- BP has signed a technical service provider agreement with ONGC for Bombay High
- EIL and BP Business Solutions have signed up for a collaborative technical solution
- ONGC Videsh and Petrobras, Brazil have signed up for oil and gas projects
- Oil India and Petrobras, Brazil will have a strategic cooperation in Indian offshore exploration hydrocarbon landscape
- BPCL and Eco Wave Power, Israel will develop India's first wave energy pilot project
- BPCL has signed up for purchasing propane and butane from Equinor India for one year

INDIA ENERGY WEEK 2025

Cairn dives into deepwater exploration with KG basin

Vedanta-backed firm plans to rope in global players for offshore drilling

SUBHAYAN CHAKRABORTY & SHREYA JAI

New Delhi, 13 February

In a major foray into deepwater exploration, Cairn Oil & Gas is planning to drill five-six wells in its offshore KG basin block by next year, and the wells could hold a billion barrels of crude oil, Chief Financial Officer (CFO) Hitesh Vaid told *Business Standard*.

As part of the foray, the upstream company is aiming to sign up major global project management, engineering and construction companies in the energy domain, including Petrofac, Technip, and OneSubsea, to execute the project, Vaid said on the sidelines of the ongoing India Energy Week.

Part of the Vedanta group, Cairn had acquired the block in an earlier Open Acreage Licensing (OALP) round.

Located off the coast of Andhra Pradesh in the oil-rich Krishna-Godavari basin, the block covers 4,500 square km, which is large. Reliance Industries had relinquished the block earlier after making a discovery.

"The block is attractive. While we have discoveries in



While Cairn Oil & Gas has a portfolio of 10-12 wells in the area, it aims to whittle this down to five-six

FILE PHOTO

the block, we have exploration prospects. In terms of potential, it could give us a billion barrels. Last month, we gave a contract to a company to bring in a vessel to provide us data based on resistivity tests," Vaid said. Agreeing that while deepwater exploration is not part of Cairn's skillset — the firm has operated mostly in shallow waters — Vaid said the upcoming dataset would combine with Cairn's own seismic data to give the company more clarity. Data collection will begin

in March, and the company expects to have clarity on the matter by May. Cairn has been working on the project for the past 18 months. While the company has a portfolio of 10-12 wells in the area, it aims to whittle this down to five-six. This decision has been taken owing to the massive cost of offshore drilling, estimated at \$50 million per well, Vaid said.

Global tieups for bidding

As part of a larger deepwater play, the company is aiming to

tie up with foreign players to bid for deepwater and ultra deepwater blocks in the newly opened 10th round of bidding for oil and gas assets.

"A lot of global companies want to come to India now because the Oilfields (Regulation and Development) Act has been amended and the government has gone for a bigger ultra deep water round (of bidding). A lot of these companies want an Indian partner, and who is better than us, who have been here for 25 years. There's a lot of engagement going on," Vaid said.

Deepwater exploration in India has so far been dominated by state-run Oil and Natural Gas Corporation, which has drilled more than 100 deepwater wells since 2004.

Drilling in the KG basin is expected to shore up the company's profile and help it in attracting partners. Global corporations are also keen on the company's portfolio of shallow waters on the west coast, which is expected to grow threefold, and its ongoing projects in the Northeast, the CFO said.

Most global firms are keen on offshore exploration possibilities rather than onshore, which suffer from land access.

Cairn to spend \$4 bn in four years for upstream ventures

ARUNIMA BHARADWAJ
New Delhi, February 13

CAIRN OIL AND Gas of the Vedanta Group is planning to spend around \$3-4 billion in the three to four years in the upstream sector to expand its business and fuel growth, the company's chief financial officer Hitesh Vaid told *FE* on the sidelines of the India Energy Week.

"Last year, we invested around \$400 million on our fields, wells, our expansion, and everything else. Now, with so many things lined up like ASP (Alkaline-Surfactant-Polymer) flooding expansion, tight oil expansion, deepwater, and shale. I think over the next three four years, we are looking at a \$3-4 billion investment," Vaid said.

The company, which has a fairly good number of onshore blocks under its portfolio, is also focusing on expanding its acreage in the offshore regions and acquiring more deepwater blocks.

"Our vision is to contribute 50% of India's domestic energy production. Currently, we contribute to 25% of the country's total production and now we need to double it and acquire acreages," Vaid said.

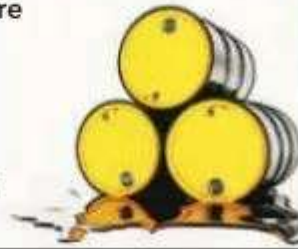
Presently, the company has 62 blocks spread over an area of 60,000 square kilometers. Of the total blocks, five are under production while the remaining are under exploration stage.

Speaking on the company's plans to demerge from its group company Vedanta and get sepa-

BUSINESS EXPANSION

■ The company, which has a fairly good number of onshore blocks under its portfolio, is also focusing on expanding its acreage in the offshore regions

■ Apart from its core business in the oil and gas, the company is also expanding to exploration of coal bed methane



■ Other than its already producing blocks in Rajasthan, Gujarat, and Andhra Pradesh, the company will be focusing on the Northeast region with potential of huge value creation

rately listed on the exchanges, Vaid said the company is in the demerg-ing process and is self-funded.

"From the group (company's) point of view, we feel that oil and gas businesses are a sizeable business and should be separately listed as a pure play business rather than as part of the larger group," the CFO said. Presently, of Vedanta's total capex, a sizeable portion of sound 40% goes to Cairn.

Other than its already producing blocks in Rajasthan, Gujarat, and Andhra Pradesh, the company will be focusing on the Northeast region with potential of huge value creation.

"Northeast is also a big opportunity for us where we have identified a lot of blocks. We are producing from a small area in Hazarigaon, but we think that in our onshore portfolio this is the place where the biggest value creation could happen," Vaid said.

Cairn now expects at least two to

three wells in the Northeast region to start production in the upcoming fiscal year 2025-26.

Furthermore, with the latest amendments in the Oilfields Regulation and Development Act, the company expects more foreign players to enter the Indian upstream market and partner for its hydrocarbon blocks as service providers.

"The biggest area of attraction for us is in our existing producing field, especially Rajasthan, where we have already produced around 800 million barrels. But the way to look at it is, what is there below the ground? So our key fields have a size of around 2.2 billion barrels. Any globally best company from a benchmark point will produce 50% of it, because after that it will become marginal and it will not be more economical. So best in class is 50%, we are fully confident that we will produce 50-55%," the CFO said.



CEO: Think Gas Faces Hurdles in Connecting PNG to Homes

Co fails to meet target due to gas grid issue, customer reluctance

Sanjeev Choudhary

New Delhi: City gas distributor Think Gas has fallen short of its target to connect homes with piped natural gas, as many of its licenced areas are not connected to the gas grid and customers are reluctant to switch from subsidised LPG, its chief executive officer (CEO) said.

He also pointed to the subsidy on alternative fuel LPG as another hurdle. "There has to be a willingness of the people to take a domestic connection," Gupta said. "I can't lay infrastructure that will become infructuous."

People are reluctant "because domestic LPG cylinders are subsidized by ₹400 by the government," and many states offer a few free cylinders each year, he added.

Think Gas and AG&P Pratham, two distributors with 19 city gas license areas, are in the process of merging and will soon apply to the National Company Law Tribunal (NCLT) to become a single legal entity, CEO Abhilesh Gupta told ET.

The plans for an initial public offering (IPO) of Think Gas will depend on the NCLT's approval, other regulatory approvals, and market conditions, Gupta said. "I think it will take time. Time-

lines are not yet firm," he said in response to a query about whether Think Gas will launch an IPO next year. As a result of the ongoing merger, the two companies now operate under the Think Gas brand. About 6-7 years ago, some firms, including Think Gas, made aggressive bids to obtain city gas distribution licenses in auctions.

Gupta didn't confirm or deny if his firm has been penalised by the regulator. In 8 of the 19 licensed areas, the number of household connections is "just a few thousand," whereas it should have been "maybe 20 times more," Gupta said, adding that the absence of a trunk pipeline, which connects the licensed areas to the pipeline grid, is primarily responsible for the shortfall.



He explained that regulations allow for the shifting of home connection targets if the trunk pipeline is not in place. "If the trunk pipeline is not there, where is the gas going to come from?" Gupta added, noting that the cascades used to ferry gas to supply CNG stations in his licensed areas are not feasible for piped gas to homes because homes can't tolerate dry-outs even for an hour, unlike CNG stations. Also, pipelines are more economical than cascades, he said.

HPCL charts aggressive growth: Expanding refineries, investing in LNG & renewables for India's energy future

One aspect of LNG expansion includes capacity booking for the company's re-gasification facility, says Narang

SIMONTINI BHATTACHARJEE

NEW DELHI: Rajneesh Narang, who currently holds the additional charge of Chairman & Managing Director (C&MD) at Hindustan Petroleum Corporation Ltd (HPCL), shares key insights into the company's strategic expansion plans, investment in LNG and refining capacities, and its aggressive push into renewable energy while talking to the *Millennium Post* exclusively.

Narang provides a comprehensive overview of how the company is shaping India's energy future, from the commissioning of HPCL's new re-gasification facility in Gujarat to the latest updates on the Vizag and Barmer refinery projects.

He also highlights HPCL's commitment to sustainability, outlining ambitious plans for renewable energy expansion and green hydrogen adoption. Here's an in-depth look at HPCL's roadmap and vision for the years ahead.

HPCL has signed multiple MoUs, including in the LNG space. Could you elaborate on these developments?

Certainly, we recently commissioned our 5 million metric ton re-gasification facility in Gujarat. This marks a significant step in our gas business expansion.

While we have been procuring domestic gas, this facility allows us to bring in our gas, enabling long-term sourcing arrangements with multiple partners.

Ensuring gas availability will help HPCL be more competitive in the market, instilling confidence among customers regarding our ability to meet their requirements. Additionally, one aspect of our LNG expansion includes capacity booking for our re-gasification facility. Another key aspect is gas trading.

We have signed a MoU with the Indian Gas Exchange (IGX), which allows HPCL and other interested parties to buy gas at the Chhara terminal. This move increases flexibility for potential customers, giving them multiple sourcing options, either directly through HPCL or via other market mechanisms.

Could you provide an update on HPCL's Vizag expansion plan?

The Vizag expansion was undertaken with three primary objectives. First, the production of BS-VI-compliant fuels was completed in March 2020. Second, the expansion of refinery capacity from 8.3 million metric tons to 15 million metric tons, was completed in March 2023.

Third, the commission-



Rajneesh Narang, Hindustan Petroleum Corporation Ltd (HPCL)

ing of a Bottoms Upgradation Facility using LC-Max technology is scheduled for March 2025.

LC-Max is a pioneering technology in India that enables a higher conversion of crude into valuable distillates—up to 93 per cent. This will significantly improve our yields while adding approximately \$3 per barrel to our Gross Refining Margins (GRMs).

In addition to the Vizag refinery, we are also progressing with our Barmer refinery in Rajasthan.

This project is about 84 per cent complete, and we plan to commission both the refinery and the associated petrochemical facility within the current year. The refinery will be completed first, followed by the petrochemical unit.

What is the scale of investment in the Vizag and Barmer expansion projects?

The investment in the Vizag expansion project is approximately Rs. 30,000 crore. As for the Barmer refinery, the total project cost is around Rs. 73,000 crore.

Of this, the actual capital expenditure stands at approximately Rs. 52,000- Rs. 53,000 crore. With over 85 per cent of the project already completed, we are on track to meet our commissioning targets.

The government envisions India as a refining hub. How does HPCL plan to enhance its refining capacity?

At present, HPCL sells more fuel than it refines. Once all our expansion projects are operational, our refining capacity will reach nearly 45 million metric tons per annum (MMTPA). This includes 10 MMTPA from our Mumbai refinery, 15 MMTPA from Vizag, 12.5+ MMTPA from our Bhatinda refinery (a joint venture with Mittal Energy), and 9 MMTPA from the Barmer refinery.

Most refineries operate at around 110 per cent of their nameplate capacity, meaning our effective capacity will be close to 50 MMTPA. Further expansion remains a possibility, particularly at Barmer, where pre-investments have been made to scale up to 18 MMTPA if needed.

However, future capac-

ity additions will depend on demand trends and market conditions.

HPCL is expanding its fossil fuel business while also investing in renewable energy. How do you balance both strategies?

The global energy landscape is shifting towards a diversified mix, and HPCL aims to be a key player across all segments—conventional energy, biofuels, and renewables. Our renewable energy portfolio currently stands at over 200 MW, and we plan to double it by the end of this financial year.

By March 2026, we aim to cross 1 GW, and by 2030, our target is 10 GW of renewable capacity. We are deploying solar power across multiple locations, including solar parks, rooftops, and our own facilities such as depots and refineries.

This aligns with our commitment to carbon reduction and sustainability. Additionally, we are exploring hybrid energy solutions and green hydrogen initiatives. Our tender for green hydrogen is already out, and the last date for submission is March 7. We expect a strong response.

How will HPCL scale its renewable energy capacity from 200 MW to 400 MW? Will new locations be developed?

Yes, we are setting up projects at new locations and expanding existing ones. Our renewable energy projects are diversified across solar parks, rooftops, and captive installations at our refineries and depots. A key aspect of our strategy is integrating renewable into our operations, thereby reducing dependency on fossil-fuel-based power.

Green hydrogen is another crucial element of our transition strategy. We are actively participating in the emerging hydrogen economy and are aligned with the national green hydrogen mission. As part of this initiative, we are exploring opportunities for hydrogen production, blending, and consumption within our refineries and across other applications.

Any final thoughts on HPCL's future roadmap?

HPCL is committed to being a leading energy company with a well-balanced portfolio across refining, marketing, and renewables.

While we continue to enhance our refining and gas capabilities, our focus on renewables and biofuels ensures that we remain future-ready. We will continue evaluating new opportunities to optimize our energy mix and contribute to India's energy security and sustainability goals.

India Energy Week: Puri inaugurates SIAM's Sustainable Mobility Pavilion

NEW DELHI: Hardeep Singh Puri, Minister of Petroleum and Natural Gas, GoI inaugurated the SIAM Sustainable Mobility Pavilion at India Energy Week (IEW) 2025. Hosted by the Society of Indian Automobile Manufacturers (SIAM), the Sustainable Mobility Pavilion, themed "People-Centric Mobility Ecosystem", is live from February 11 to 14, 2025 at Yashobhoomi, Dwarka, New Delhi, showcasing the Indian automobile industry's latest advancements in green mobility and decarbonization.

During his visit, Puri explored 15 production-ready vehicles and technologies across multiple fuel and powertrain solutions, including Flex Fuel, Gas, Compressed Bio Gas, Pure Electric, and Hydrogen. The pavilion features cutting-edge innovations from leading OEMs, including Maruti Suzuki, Mahindra & Mahindra, Tata

“THE INDIAN AUTOMOBILE INDUSTRY IS PLAYING A CRUCIAL ROLE IN THE NATION'S ENERGY TRANSITION”

Motors, Hyundai, Toyota Kirloskar, Hero MotoCorp, TVS Motor Company, Bajaj Auto, Honda Motorcycle & Scooter India, and Suzuki Motorcycle India, highlighting the industry's multi-pathway approach to sustainable mobility.

Speaking on the occasion, Hardeep Singh Puri said: "The Indian automobile industry is playing a crucial role in the nation's energy transition. With innovations in alternative fuels and electrification, SIAM and its members are making significant contributions towards decarbonizing transportation.

Platforms like India Energy Week are instrumental in fostering collaboration between the energy and mobility sectors to achieve India's sustainability goals."

Prashant K Banerjee, Executive Director, SIAM, added: "Minister Hardeep Singh Puri's visit to our pavilion highlights the synergy between the government and automobile industry in building a sustainable future. The industry remains committed to advancing green mobility solutions that align with India's Net Zero vision."

SIAM's participation at IEW 2025 underscores its commitment to sustainable mobility and India's Net Zero targets by 2070. Visitors are encouraged to experience the industry's decarbonization efforts at the SIAM Sustainable Mobility Pavilion, Hall No. 1, Yashobhoomi, Dwarka, New Delhi. **MPOST**

WITH NATURAL GAS DEMAND SET TO RISE

India's oil & gas companies ink LNG import deals worth billions

SUKALP SHARMA

NEW DELHI, FEBRUARY 13

LOOKING TO SECURE natural gas supplies in the face of rapidly growing demand, Indian oil and gas companies inked three long-term liquefied natural gas (LNG) import deals with global majors worth billions of dollars at the country's flagship energy event India Energy Week. The deals include long-term contracts by public sector refiners Indian Oil Corporation (IOC) and Bharat Petroleum Corporation (BPCL) with the Abu Dhabi National Oil Company (ADNOC), and Gujarat State Petroleum Corporation's (GSPC) deal with French major TotalEnergies.

IOC, which is India's largest refiner and fuel retailer, signed a "\$7-9 billion agreement" with ADNOC's arm ADNOC Gas to import 1.2 million tonnes per annum (mtpa) of LNG for 14

*File*

years, starting 2026, according to a statement by ADNOC Gas.

According to information provided by India's petroleum ministry, BPCL will buy 2.4mt of liquefied natural gas from Abu Dhabi National Oil Company over five years, starting April 2025. The agreement is extendable by another five years with mutual consent, the ministry said, but did not divulge the financial details of the deal. TotalEnergies signed a 10-year deal to sell 400,000 tonnes per

annum of LNG to Gujarat State Petroleum Corporation, starting 2026, the French energy giant said, without providing financial details of the contract.

All the deals were signed at attractive prices, which are lower than the prevailing market rates, according to Petroleum Minister Hardeep Singh Puri.

These contracts are "significant steps" that will contribute to India's goal of increasing the share of natural gas in the primary energy mix to 15 per cent by 2030 from a little over 6 per cent at present, the minister added. Over the past couple of years, Indian oil and gas companies have inked additional LNG import deals with global suppliers, and continue to be in the market for more long-term supply contracts. According to Puri, global suppliers are keen to sell LNG to India. **FULLREPORT ON**

www.indianexpress.com

INDIA ENERGY WEEK (IEW) 2025

India strengthens energy security with key pacts

OUR CORRESPONDENT

NEW DELHI: India made significant progress in energy security and sustainability with multiple strategic agreements signed during the 3rd edition of India Energy Week. Union Minister of Petroleum and Natural Gas Hardeep Singh Puri emphasised these agreements as crucial steps in ensuring a resilient and sustainable energy future.

To diversify crude oil imports, Bharat Petroleum Corporation Ltd (BPCL) signed an optional term contract with Brazil's Petrobras for up to six million barrels of crude. Indian Oil Corporation (IOC) and the Abu Dhabi National Oil Company (ADNOC) inked a \$7 billion deal to source 1.2 mil-



lion metric tonnes per annum (MMTPA) of liquefied natural gas (LNG) over 14 years starting in 2026. BPCL and ADNOC also agreed on a five-year LNG offtake agreement for 2.4 MMT, extendable by another five years.

IOCL signed its first LNG export agreement with Nepal's

Yogya Holdings for 1,000 metric tonnes of LNG annually via Odisha's Dhamra Terminal. ONGC appointed BP as the Technical Services Provider for the Mumbai High field to enhance production. Engineers India Ltd signed an MoU with BP Business Solutions India Pvt.

Ltd. for refining, pipeline operations, and emission reduction.

In offshore exploration, ONGC Videsh Ltd. and Petrobras partnered for upstream oil and gas projects, while Oil India Ltd and Petrobras signed a MoU for hydrocarbon exploration in India's deep offshore basins. Advancing clean energy, BPCL and Israel's Eco Wave Power launched India's first wave energy pilot project in Mumbai.

BPCL also partnered with the National Sugar Institute, Kanpur, to expand bioethanol production and signed an agreement with Equinor India Pvt. Ltd. for LPG procurement.

These agreements reinforce India's commitment to energy security and sustainable transition.

INDIA STRENGTHENS GLOBAL ENERGY PARTNERSHIPS

Union Minister for Petroleum and Natural Gas Hardeep Singh Puri said that these agreements are crucial steps toward a more resilient and sustainable energy future for the country

At the ongoing India Energy Week 2025, being held from February 11 to 14 at Yashobhoomi in New Delhi, India signed multiple strategic agreements and Memorandum of Understandings (MoUs) aimed at enhancing energy security, diversifying supply sources, and fostering innovation in the oil and gas sector.

In his address, Hardeep Singh Puri, Minister of Petroleum and Natural Gas, highlighted these agreements as crucial steps toward a more resilient and sustainable energy future for the country.

In an effort to diversify crude oil imports, BPCL signed an optional term contract with Petrobras, Brazil, to import up to 6 million barrels of crude.

Strengthening India's transition to a natural gas-based economy, IOCL and ADNOC (UAE) signed a USD 7 billion contract to source 1.2 MMTPA LNG for 14 years starting in 2026, while BPCL and ADNOC entered into a five-year LNG offtake agreement for

2.4 MMT, extendable by another five years.

Expanding India's role as a regional energy supplier, IOCL signed its first LNG export agreement with Nepal's Yogya Holdings, ensuring the delivery of 1,000 metric tons (TMT) annually via cryogenic trucks through Odisha's Dhamra Terminal.

On the technical front, ONGC selected BP as the Technical Services Provider for the Mumbai High field, India's largest offshore oilfield. BP will conduct a comprehensive review of field performance, implement technological improvements, and work to stabilise and enhance production.

Additionally, EIL signed an MoU with BP Business Solutions India Pvt Ltd to collaborate on refining, pipeline operations, and emission reduction technologies.

In offshore exploration, ONGC Videsh Ltd and Petrobras signed an MoU to jointly participate in upstream oil and gas projects in Brazil, India, and third countries,



exploring opportunities in trading, low-carbon solutions, and digitalisation.

Oil India Ltd and Petrobras also signed an MoU for hydrocarbon exploration in India's deep and ultra-deep offshore basins, aligning with the government's Hydrocarbon Exploration and Licensing Policy.

India also took steps toward clean energy with BPCL partnering with Eco Wave Power, Israel, to establish the

country's first wave energy pilot project in Mumbai using wave energy converter technology.

In the biofuel sector, BPCL signed an MoU with the National Sugar Institute, Kanpur, to scale up sweet sorghum-based bioethanol production and build capacity for farmers and industry partners.

Further enhancing hydrocarbon trade, BPCL entered into an agreement with Equinor India Pvt Ltd for the

purchase of LPG (propane and butane).

The minister emphasised that these agreements reaffirm India's commitment to securing affordable, sustainable, and diversified energy supplies while fostering global collaborations in cutting-edge energy solutions. "These partnerships will help us achieve our energy transition goals and ensure a robust and resilient energy ecosystem for India," Puri said.

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Indian Oil Corp signs \$7-9 bn long-term LNG import deal with UAE co ADNOC Gas

PTI
NEW DELHI

Indian Oil Corporation (IOC), the nation's largest oil firm, has signed a USD 7-9 billion deal to import LNG from UAE on a long-term 14-year contract.

IOC signed a long-term deal to receive 1.2 million tonnes per year of LNG from the United Arab Emirates beginning in 2026 for 14 years.

"ADNOC Gas has signed a 14-year sales and purchase agreement with Indian Oil

Corporation Ltd (IOC) for the export of up to 1.2 million tonnes per annum (mtpa) of Liquefied Natural Gas (LNG) to India's largest integrated and diversified energy company which will be supplied from Das Island liquefaction facility," ADNOC Gas said in a statement.

The deal was signed on the sidelines of India Energy Week here.

"The agreement, valued in the range of USD 7 billion to USD 9 billion over its 14-year term, signifies a major step



forward in the partnership with IOC and we look forward to supporting India's plans to make gas 15 per cent of its primary energy basket by 2030," it added.

The deal with IOC is the second LNG supply deal that

the UAE giant signed with an Indian firm at the IEW. It signed a deal with Bharat Petroleum Corporation Ltd (BPCL) to supply 2.4 million tonnes of LNG over a period of 5 years, starting April 2025. The agreement is extendable by another 5 years with mutual consent.

Separately, French energy giant TotalEnergies signed a deal to sell 4,00,000 tonnes a year of LNG to Gujarat State Petroleum Corporation Ltd (GPSC) for 10 years starting 2026.

WITH NATURAL GAS DEMAND SET TO RISE

India's oil & gas companies ink LNG import deals worth billions

SUKALP SHARMA

NEW DELHI, FEBRUARY 13

LOOKING TO SECURE natural gas supplies in the face of rapidly growing demand, Indian oil and gas companies inked three long-term liquefied natural gas (LNG) import deals with global majors worth billions of dollars at the country's flagship energy event India Energy Week. The deals include long-term contracts by public sector refiners Indian Oil Corporation (IOC) and Bharat Petroleum Corporation (BPCL) with the Abu Dhabi National Oil Company (ADNOC), and Gujarat State Petroleum Corporation's (GSPC) deal with French major TotalEnergies.

IOC, which is India's largest refiner and fuel retailer, signed a "\$7-9 billion agreement" with ADNOC's arm ADNOC Gas to import 1.2 million tonnes per annum (mtpa) of LNG for 14

*File*

years, starting 2026, according to a statement by ADNOC Gas.

According to information provided by India's petroleum ministry, BPCL will buy 2.4 mt of liquefied natural gas from Abu Dhabi National Oil Company over five years, starting April 2025. The agreement is extendable by another five years with mutual consent, the ministry said, but did not divulge the financial details of the deal. TotalEnergies signed a 10-year deal to sell 400,000 tonnes per

annum of LNG to Gujarat State Petroleum Corporation, starting 2026, the French energy giant said, without providing financial details of the contract.

All the deals were signed at attractive prices, which are lower than the prevailing market rates, according to Petroleum Minister Hardeep Singh Puri.

These contracts are "significant steps" that will contribute to India's goal of increasing the share of natural gas in the primary energy mix to 15 per cent by 2030 from a little over 6 per cent at present, the minister added. Over the past couple of years, Indian oil and gas companies have inked additional LNG import deals with global suppliers, and continue to be in the market for more long-term supply contracts. According to Puri, global suppliers are keen to sell LNG to India. **FULL REPORT ON**

www.indianexpress.com

IOC signs long-term LNG import deal of \$7-9 bn with UAE co

Press Trust of India

feedback@livemint.com

NEW DELHI: Indian Oil Corp (IOC), the nation's largest oil firm, has signed a \$7-9 billion deal to import LNG from UAE on a long-term 14-year contract.

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"The agreement, valued in the range of \$7 billion to \$9 billion over its 14-year term signifies a major step forward in the partnership with IOC and we look forward to supporting India's plans to make gas 15 per cent of its primary energy basket by 2030," it added.

The deal with IOC is the second LNG supply deal that the UAE giant signed with an Indian firm at the IEW. It signed a deal with Bharat Petroleum Corporation Ltd (BPCL) to supply 2.4 million tonnes of LNG over a period of 5 years, starting April 2025.

The agreement is extendable by another 5 years with mutual consent.

Separately, French energy giant TotalEnergies signed a



The agreement is extendable by another 5 years with mutual consent. MINT

deal to sell 4,00,000 tonnes a year of LNG to Gujarat State Petroleum Corporation Ltd (GSPC) for 10 years starting 2026.

The LNG, sourced from TotalEnergies' global portfolio and delivered to terminals on India's west coast, will primarily serve GSPC's industrial customers.

It will also supply Indian households for domestic use, businesses, and service stations for vehicles running on Compressed Natural Gas (CNG), such as auto-rickshaws.

TotalEnergies had in June last year signed a deal to sell 8,00,000 tonnes a year of LNG to state-owned Indian Oil Corporation (IOC) for 10 years starting 2026.

While GSPC has an LNG import facility at Mundra in Gujarat, IOC can import the LNG at Dahej in Gujarat or at its Ennore terminal in Tamil Nadu.

ADNOC Gas plc and its subsidiaries signed a 14-year sales and purchase agreement (SPA) with IOC which converts the last year's Heads of Agreement signed by them. First deliveries will begin in 2026.



IOC, BPCL ink pacts with UAE to import LNG

SUBHAYAN CHAKRABORTY

New Delhi, 13 February

Indian Oil Corporation (IOC) and Bharat Petroleum Corporation Limited (BPCL) on Thursday signed multibillion dollar pacts with a United Arab Emirates' (UAE's) state-owned oil company to import Liquefied Natural Gas (LNG) over the next few years as the country gears up to meet the rising natural gas demand.

The International Energy Agency (IEA) on Wednesday said that the gap between India's contracted LNG supply and its projected requirement is set to "significantly widen" by 2028, and suggested that the country should carefully plan to ensure

supply security and to help gas to compete in a price-sensitive market.

The biggest deal was signed by public sector oil marketing company IOC. It inked an agreement to import LNG from UAE's Abu Dhabi National Oil Co. (ADNOC) on a 14-year contract at the ongoing India Energy Week (IEW) in Delhi. Valued at \$7-9 billion, this deal will ensure IOC receives 1.2 million tonnes per year of LNG from the UAE firm beginning 2026. This agreement converts the previous Heads of Agreement between the parties into a sales and purchase agreement (SPA).

The other public sector firm BPCL also signed a term LNG offtake agreement with ADNOC. It covers procurement of 2.4 mil-

lion tonnes of LNG over a period of 5 years, starting April 2025. The agreement is extendable by another 5-year with mutual consent.

Meanwhile, French energy giant TotalEnergies signed a deal to sell 400,000 tonnes a year of LNG to Gujarat State Petroleum Corporation Ltd (GPSC) for 10 years starting 2026.

TotalEnergies and the GSPC announced the signing of a long-term sale and purchase agreement (SPA) for 10 years starting in 2026.

Amounting to six cargoes per year, the LNG will be sourced from TotalEnergies' global portfolio and delivered to terminals on India's west coast.

ONGC aims to evolve into an energy conglomerate

Rishi Ranjan Kala
New Delhi

State-run ONGC is effecting a four pronged strategy to transform the domestic exploration and production (E&P) behemoth into an integrated energy solutions provider.

To make the CPSU “future ready” and align with India’s clean energy transition, ONGC has created the post of Director (Strategy & Corporate Affairs).

In an interaction with *businessline*, ONGC’s first Director (Strategy & Corporate Affairs), Arunangshu Sarkar said the E&P company is working on four pillars to diversify.

Predominantly an E&P firm, ONGC aims to evolve into an integrated energy solutions conglomerate with interests across E&P, oil-to-chemicals, renewables and natural gas (regasified LNG).

THE RATIONALE

“Energy transition is inevitable. But for how long it will take is a matter of concern,” said Sarkar.

In time, he explained, due to various factors such as carbon emission norms and renewables, the E&P earnings will be impacted.

“In due course of time when globally, renewables expand, the demand for fossil fuels will be low and a glut will be created due to excess supply leading to lower prices, globally and in India.”

“In this, it will be difficult for our E&P business to survive. So, our first aim is to make E&P business robust



Arunangshu Sarkar, Director, Strategy & Corporate Affairs, ONGC

through cost control, increasing efficiency and enhancing production,” he added.

A robust E&P business will form the base on which the country’s largest crude oil driller will chart its journey to expand into renewables, petrochemicals and RLNG, Sarkar said.

ON DIVERSIFICATION

Number one is E&P business, and ONGC is making it more robust, said Sarkar adding that second pillar rests on renewables — solar energy, wind energy, battery storage systems (BSS) and green hydrogen.

“We are working in that direction aggressively. Our plan is to go for inorganic because we are not experts in this environment right now, so hand holding is required in initial stages,” he added.

On Wednesday, ONGC NTPC Green (ONGPL) said it will acquire Ayana Renewable Power (Ayana) for an enterprise value of ₹19,500 crore, or roughly \$2.3 billion.

Sarkar said ONGC is now trying to bring OPAL out of the purview of Special Economic Zone.

SAF Industry Ready to Help Decarbonisation Take-off for Airlines

The use of sustainable aviation fuel could pick up soon as India senses the opportunity to scale up its aviation fuel for global markets

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The aviation industry is looking for fresh wings to soar higher. The tailwinds could be coming in the form of sustainable aviation fuel (SAF) and emerging technologies, for which several initiatives are being taken so that the industry can contribute to the global decarbonisation efforts. As the aviation world prepares for SAF to be the wind beneath its wings, India's policymakers and regulators are nudging airline companies.

Regulators and policymakers are taking ambitious strides around the world. While India has not mandated SAF blending for domestic flights, the first steps have already been taken. India has set indicative SAF blending targets – one percent by 2027 and two percent by 2028, applicable for international flights. India's aviation companies have begun with their response, completing the first test flights.

Aviation decarbonisation can be achieved through multiple levers such as operational improvement, hydrogen fuel, electric aircraft, sustainable aviation fuels and others. New technologies being developed could provide breakthroughs that have not been entirely envisioned.

"We have been thinking ahead and set the target for SAF to be introduced two years later (in 2027). Several airlines have responded with their test flights (with blended SAF). We hope to stay ahead of the curve," Minister of Petroleum and Natural Gas Hardeep Singh Puri said during India Energy Week.

"The current blend is capped at 50 percent. It is technically feasible to use more but it cannot be done since the fuel is not easily available. By 2030, the planes can be 100 percent (SAF) compatible," said Brian Moran, Chief Sustainability Officer, Boeing.

BIO-FUELLED FOR SUSTAINABILITY

Using agriculture residue for ethanol and SAF production

also addresses the problem of stubble burning and allows farmers to generate additional income from the waste. It is just one of the agricultural residues (including maize, sugar, used cooking oil, besides municipal waste) that can be supplied as sustainable fuels to the industry. Alternate feedstock, such as sweet sorghum, seaweed, and reusable plastic waste, can give further impetus to SAF's potential in the country.

As the world shifts to optimal use of all resources, municipal solid waste could be a key input for SAF. Its potential could further increase with higher solid waste generation, better

segregation capabilities, and higher diversion of SAF production. Using agriculture residue for SAF production also addresses the problem of stubble burning and enables farmers to generate additional income from waste.

According to initial industry estimates, by 2040, India will have the opportunity to produce 8–10 million tonnes of SAF against the potential demand of around 4.5 million. By then, the SAF blending rate is seen at 15 percent. An estimated 230 million tonnes of surplus agricultural residue are unused and could also be used for the 2G ethanol plants being set up by the oil marketing companies.

SAF production in 2024

was around 1 million tonnes. According to IATA, SAF demand is expected to hit 50 million tonnes by 2050. With the right regulation, technologies, demand from consumers, and feedstock for production, could help create a new industry.

Vision 2040 for India's aviation sector has estimated passenger traffic at 1.1 billion and freight traffic at 1.7 million tonnes. India currently accounts for a little over two percent of the global ATF demand. Given India's abundant feedstock for SAF and high exposure to exports for ATF (50 percent of ATF produced being exported), India is well-positioned to capitalise on the rising global demand for SAF.

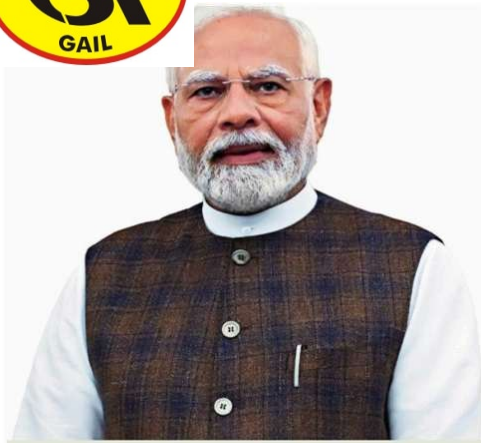


India's major focus is on Make in India and local supply chains. It is supporting local manufacturing, with the solar PV module manufacturing capacity expanding from 2 gigawatts to approximately 70 gigawatts in the past ten years. The Production Linked Incentive (PLI) scheme has made the sector more attractive, promoting the manufacturing of high-efficiency solar PV modules

NARENDRA MODI
Prime Minister

Since we started ethanol blending, we have saved ₹1 lakh crore in imports, which has gone entirely to the farmers. When the blending was at 10 percent, we saved ₹41,000 crore in imports and distributed ₹42,400 crore to our farmers. These figures also depend on the rate of world crude prices.

HARDEEP SINGH PURI
Minister of Petroleum and Natural Gas



Scaling Homegrown Technologies Key to Clean Energy Transmission

Various challenges like expanding the transmission grids, managing the demand-supply gap, and scaling the energy storage systems will require more locally developed technologies

Varun.Jain@timesofindia.com

Future-proofing the complex dynamics of energy transition goals, rising demand and modern grid resilience is a top priority for India and countries globally. As the transition to clean energy accelerates, it is essential to expand, upgrade and digitalise the world's 80 million km of electricity grids. This could accommodate rapid growth in energy demand and integrate renewables, according to the International Energy Agency.

This is where countries need to build systems to ensure resilient transmission technologies. That could effectively facilitate the T&D systems for clean global energy infrastructure. For India,



building technologies locally will be critical to accelerate the development of energy storage systems and make

them affordable for the end consumers.

Leaders from the energy sector unanimously said that

India has set itself a very ambitious energy transition target for 2030. These targets are so huge that we must multiply our efforts to achieve those numbers. The leaders opined that it cannot happen with the existing technology.

India will need a technology neutral approach, whether for transmission, battery storage, pump hydro technologies or others, to accelerate the storage and transmission of clean energy. Localising these technologies will ensure scale and affordability.

"The technologies are available, but they need to scale. We need a lot of renewable energy, solar and wind. Once the technologies that can scale are locally made

available, the transmission cost will also come down. Without the transmission, there is no energy transition," said N Venu, MD and CEO, India, Hitachi Energy.

India and several other developing economies face challenges in the transmission of clean energy. The critical challenge is the expansion of transmission grids because of the high EPC (engineering, procurement, and construction) costs, managing demand spikes coming from data centres and EV integration. For companies tasked with this target, the shortage of skilled workforce to execute and deliver this massive infrastructure upgrade is a roadblocks that need to be addressed urgently.



आईओसी ने एलएनजी सौदे पर हस्ताक्षर किए

तोक्वो। देश की सबसे बड़ी पेट्रोलियम विपणन कंपनी इंडियन ऑयल ने संयुक्त अरब अमीरात (यूएई) की फर्म से सात-नौ अरब डॉलर मूल्य का एलएनजी आयात करने के लिए 14 साल के दीर्घकालिक अनुबंध पर हस्ताक्षर किए हैं। आईओसी ने वर्ष 2026 से 14 साल के लिए यूएई से 12 लाख टन प्रति वर्ष एलएनजी प्राप्त करने के लिए एक दीर्घकालिक सौदे पर हस्ताक्षर किए।

आईओसी ने यूई की फर्म के साथ 7-9 अरब डॉलर के एलएनजी आयात सौदे पर हस्ताक्षर किए

नई दिल्ली, (भाषा)। देश की सबसे बड़ी पेट्रोलियम विपणन कंपनी इंडियन ऑयल कॉरपोरेशन (आईओसी) ने संयुक्त अरब अमीरात (यूई) की फर्म से सात-नौ अरब डॉलर मूल्य का एलएनजी आयात करने के लिए 14 साल के दीर्घकालिक अनुबंध पर हस्ताक्षर किए हैं। आईओसी ने वर्ष 2026 से 14 साल के लिए यूई से 12 लाख टन प्रति वर्ष एलएनजी प्राप्त करने के लिए एक दीर्घकालिक सौदे पर हस्ताक्षर किए। यूई की कंपनी एडनॉक गैस ने एक बयान में कहा, एडनॉक गैस ने भारत की सबसे बड़ी एकीकृत और विविध ऊर्जा कंपनी को 12 लाख टन प्रति वर्ष तक तरलीकृत प्राकृतिक गैस (एलएनजी) के निर्यात के लिए आईओसी के साथ 14 साल की बिक्री एवं खरीद समझौते पर हस्ताक्षर किए हैं। इस गैस की आपूर्ति दास आइलैंड द्रवीकरण इकाई से की जाएगी। यह सौदा यहां चल रहे भारत ऊर्जा सप्ताह के दौरान किया गया। आपसी सहमति से इस समझौते को आगे पांच साल के लिए और बढ़ाया जा सकता है। इसके अलावा, फ्रांसीसी ऊर्जा दिग्गज टोटलएनर्जीज ने वर्ष 2026 से शुरू होने वाले 10 वर्षों के लिए गुजरात स्टेट पेट्रोलियम कॉर्पोरेशन लिमिटेड (जीपीएससी) को प्रति वर्ष 4,00,000 टन एलएनजी बेचने के लिए एक समझौते पर हस्ताक्षर किए।

एलएनजी के लिए सरकारी कंपनियों के दीर्घावधि समझौते

शुभायन चक्रवर्ती
नई दिल्ली, 13 फरवरी

सार्वजनिक क्षेत्र की तेल विपणन कंपनी इंडियन ऑयल कॉर्पोरेशन (आईओसी) ने संयुक्त अरब अमीरात (यूएई) से एलएनजी आयात करने के लिए 14 साल का दीर्घावधि समझौता किया है। गुरुवार को इंडिया एनर्जी वीक के दौरान हुए इस अनुबंध की कीमत 7 से 9 अरब डॉलर के बीच है। इससे आईओसी को 2026 से हर साल यूएई से 12 लाख टन सालाना एलएनजी मिलेगी।

इस दौरान बीपीसीएल ने भी एडनॉक के साथ एलएनजी के लिए सावधि खरीद समझौता किया है। इसके तहत उसे अप्रैल

2025 से 5 साल तक 24 लाख टन एलएनजी मिलेगी। इस समझौते को आपसी सहमति से और 5 साल के लिए बढ़ाया जा सकेगा।

वहीं फ्रांस की ऊर्जा क्षेत्र की दिग्गज कंपनी टोटाल एनर्जीज ने भी गुजरात स्टेट पेट्रोलियम कॉर्पोरेशन लिमिटेड (जीपीएससी) को 2026 से 10 साल तक सालाना 4 लाख टन एलएनजी बेचने के लिए समझौता किया है।

एक बयान में कहा गया है, 'टोटाल एनर्जीज और जीएसपीसी ने 2026 से शुरू हो रहे 10 साल के दीर्घावधि बिक्री और खरीद समझौते (एसपीए) पर हस्ताक्षर की घोषणा की है।' इसकी आपूर्ति प्राथमिक रूप से जीएसपीसी के औद्योगिक ग्राहकों को की जाएगी। साथ ही घरेलू इस्तेमाल के लिए, कारोबारियों और कंप्रेस्ड नैचुरल गैस (सीएनजी) से चलने वाले वाहनों जैसे ऑटोरिक्षा को आपूर्ति के लिए भी इसका इस्तेमाल किया जाएगा।

एक अन्य महत्वपूर्ण कदम के तहत सरकार मीठी ज्वार का इस्तेमाल बायोएथनॉल उत्पादन में करने की दिशा में भी काम कर रही है। नेशनल शुगर इंस्टीट्यूट (एनएसआई) कानपुर ने इसकी क्षमता की जांच की है और अब वह इस तकनीक को व्यापक रूप देने के लिए औद्योगिक साझेदार की तलाश में है। बीपीसीएल ने उत्पादन व्यवस्था विकसित करने, किसानों के क्षमता निर्माण और मूल्य श्रृंखला के साझेदारों को लाने के लिए एनएसआई के साथ साझेदारी की है। यह जूस आधारित बायोएथनॉल उत्पादन और लागत आकलन के लिए मीठी ज्वार के प्रयोग पर भी ध्यान केंद्रित कर रही है।

■ आईओसी ने संयुक्त अरब अमीरात से एलएनजी आयात करने के लिए 14 साल का दीर्घावधि समझौता किया

■ बीपीसीएल का एडनॉक के साथ 2025 से 5 साल तक हर साल 24 लाख टन एलएनजी खरीदने का समझौता

■ टोटाल एनर्जीज, गुजरात स्टेट पेट्रोलियम कॉर्पोरेशन लिमिटेड को 2026 से 10 साल तक सालाना 4 लाख टन एलएनजी देगी



केजी बेसिन में 5-6 कुएं खोदेगी केयर्न

शुभायन चक्रवर्ती और श्रेया जय
नई दिल्ली, 13 फरवरी

केयर्न ऑयल एंड गैस अगले साल केजी बेसिन ब्लॉक की अपतटीय खुदाई में 5-6 कुएं खोदने की योजना बना रही है। कंपनी के मुख्य वित्तीय अधिकारी हितेश वैद्य ने बिजनेस स्टैंडर्ड को बताया कि गहरे समुद्र में इस प्रमुख उत्खनन में अरबों बैरल कच्चा तेल मिल सकता है। वैद्य ने कार्यक्रम इंडिया एनर्जी वीक के इतर बताया कि यह तेल उत्खनन कंपनी इस परियोजना को पूरा करने के लिए प्रमुख वैश्विक परियोजना प्रबंधक, इंजीनियरिंग और विनिर्माण कंपनियों पेट्रोफेक, टेकनिप और वनसबसी को एकजुट कर रही है।

वेदांता समूह के हिस्से केयर्न ने ओपन एकरेज लाइसेंसिंग (ओएएलपी) के पिछले दौर में इस ब्लॉक को फिर से हासिल किया था। यह 4,500 वर्ग किलोमीटर का तेल ब्लॉक आंध्र प्रदेश के कच्चे तेल संपन्न कृष्णा गोदावरी बेसिन में है। रिलायंस ने तेल की खोज के बाद इस ब्लॉक को छोड़ दिया था।

वैद्य के अनुसार, 'हमारा विचार यह है कि यह ब्लॉक बेहद आकर्षक है। हमारे पास पहले से इस ब्लॉक में खोजें हैं, लिहाजा अन्वेषण की संभावनाएं भी हैं। संभावनाओं

के संदर्भ में बात की जाए तो यह हमें एक अरब बैरल कच्चा तेल भी दे सकता है। हमने बीते माह एक कंपनी को ठेका दिया है कि वह हमें प्रतिरोधकता परीक्षण के आधार पर आंकड़े मुहैया करवाए।'

उन्होंने स्वीकारा कि केयर्न के पास गहरे समुद्र में उत्खनन का कौशल नहीं है, कंपनी ने ज्यादातर उथले पानी में उत्खनन किया है। उन्होंने कहा कि आगामी आंकड़ों को केयर्न के अपने भूगर्भीय आंकड़ों के साथ जोड़ा जाएगा। आंकड़े मार्च में एकत्रित करने शुरू किए जाएंगे। कंपनी को मई तक अधिक स्पष्टता आने की उम्मीद है। केयर्न बीते 18 महीनों से इस परियोजना पर कार्य कर रही है।

कंपनी के पास इस क्षेत्र में 10-12 कुएं खोदने की क्षमता है लेकिन इसका उद्देश्य महज 5-6 कुओं की खुदाई करना है। यह निर्णय अपतटीय खनन की लागत अत्यधिक आने के कारण लिया गया है। वैद्य ने बताया कि एक अपतटीय कुएं की खुदाई में करीब 5 करोड़ डॉलर का खर्च आता है।

निविदा के लिए वैश्विक गठजोड़

अधिक गहरे समुद्र में तेल उत्खनन के लिए कंपनी विदेशी कंपनियों से समझौता करेगी ताकि तेल और गैस परिसंपत्तियों के हाल में शुरू 10वें दौर की नीलामी में गहरे समुद्र



नई दिल्ली में आयोजित इंडिया एनर्जी वीक के तीसरे दिन अधिकारियों के साथ केंद्रीय पेट्रोलियम एवं प्राकृतिक गैस मंत्री हरदीप सिंह पुरी (बीच में)

और अत्यधिक गहरे समुद्र के खंडों में बोली लगाई जाए। वैद्य ने बताया, 'भारत में कई वैश्विक कंपनियां आना चाहती हैं। इसका कारण यह है कि तेलक्षेत्र (विनियमन और विकास अधिनियम) में संशोधन किया गया है और सरकार अत्यधिक गहरे पानी में उत्खनन के दौर (नीलामी) की ओर जा चुकी है।

ऐसी कई कंपनियां भारत में साझेदार चाहती हैं और इस मामले में हमसे बेहतर कौन हो सकता है जो 25 वर्षों से यह कार्य

कर रहा हो। हम कई पक्षों से बातचीत कर रहे हैं।'

अभी तक भारत में गहरे समुद्र में तेल की खोज में सरकारी कंपनी ऑयल एंड नैचुरल गैस कॉरपोरेशन का दबदबा रहा है। इस कंपनी ने 2004 के बाद से गहरे समुद्र में तेल की खोज के लिए 100 से अधिक खुदाई की हैं।

केयर्न को केजी बेसिन में ड्रिलिंग से कंपनी का प्रोफाइल बेहतर होने की उम्मीद है और उसे आकर्षक साझेदार मिलने में

गहरे समुद्र में अन्वेषण

■ हाल में शुरू ओएएलपी के दसवें दौर की नीलामी के मद्देनर विदेशी दिग्गजों से साझेदारी पर नजर

■ केयर्न ऑयल एंड गैस को इस प्रमुख तेल उत्खनन से अरबों बैरल कच्चा तेल मिलने की उम्मीद

■ एक अपतटीय कुएं की खुदाई में करीब 5 करोड़ डॉलर का खर्च आने के कारण क्षमता से कम कुओं की खुदाई की जाएगी

■ केयर्न बीते 18 महीनों से इस परियोजना पर कार्य कर रही है

मदद मिल सकती है। मुख्य वित्तीय अधिकारी ने बताया कि वैश्विक कंपनियां पश्चिमी तट में कम उथले पानी वाले कंपनी के पोर्टफोलियो में इच्छुक हैं।

पूर्वोत्तर में जारी परियोजनाओं के कारण कंपनी का इस क्षेत्र में पोर्टफोलियो तीन गुना बढ़ने की उम्मीद है। प्रमुख वैश्विक कंपनियां तटीय की जगह अपतटीय अन्वेषण में इच्छुक हैं। दरअसल तटीय अन्वेषण के लिए जमीन अधिग्रहण में दिक्कतों का सामना करना पड़ता है।

गैस पाइपलाइन बिछाने के विरोध में किसानों ने निकाला रोष मार्च

संगरूर (निस) : तेल पाइपलाइन बिछाने को लेकर नमोल गांव के किसानों और प्रशासन के बीच तनाव अभी भी बरकरार है। हिंदुस्तान पेट्रोलियम कंपनी द्वारा बिछाई गई पाइप लाइन के विरोध में किसानों और ग्रामीणों का धरना आज आठवें दिन भी जारी रहा और आज गांव में बड़ी सभा कर रोष मार्च निकाला गया और कैबिनेट मंत्री अमन अरोड़ा का पुतला फूँका गया, जो इस मसले को सुलझाने की बजाय चुप्पी साधे बैठे हैं। उन्होंने कहा कि इसी भावना से 14 फरवरी को लोंगोवाल में विरोध प्रदर्शन किया जाएगा। नेताओं ने कहा कि इसके बाद क्षेत्र के गांवों में विरोध प्रदर्शन किया जायेगा। प्रदर्शनकारी किसानों का कहना है कि उनकी सहमति के बिना पाइपलाइन बिछाई जा रही है, जबकि प्रशासन के अधिकारियों का कहना है कि नियमों के तहत किसानों को किए गए भुगतान के आधार पर पाइपलाइन

बिछाई जा रही है। छह फरवरी से चल रहे धरने को संबोधित करते हुए वक्ताओं ने कहा कि सरकार द्वारा दिया जा रहा मुआवजा किसानों को स्वीकार्य नहीं है। वक्ताओं ने कहा कि पंजाब सरकार की किसान विरोधी नीतियों को उजागर किया जा रहा है। इस मौके पर भारतीय किसान यूनियन एकता आजाद संगठन और सिद्धपुर और भारतीय किसान यूनियन एकता डकौंदा, किरती किसान यूनियन हैप्पी नामोल, भोला नामोल, सुखबीर सिंह पूनियां, गुरचरण सिधूपुर, जरनैल शाहपुर, महिंदर सिंह नामोल, बलजिंदर लोंगोवाल, गुरमेल लोंगोवाल, बलदेव सिंह खरका, अमर लोंगोवाल, लाली दिल्ली, मीठा नमोल, मीठा सिंह, गुरपाल रोमाणा, अमरीक सिंह, सुखदेव सिंह किला भरियां, पप्पू नंबरदार, हरदम शैरो, बलजीत सिंह नमोल क्रांतिकारी ग्रामीण मजदूर यूनियन व अन्य मौजूद थे।





14 साल तक यूई से एलएनजी आयात करेगी आईओसी

नई दिल्ली। इंडियन ऑयल कॉर्पोरेशन (आईओसी) ने 14 साल के लंबे अनुबंध पर संयुक्त अरब अमीरात यानी यूई से एलएनजी आयात करने के लिए 7-9 अरब डॉलर के समझौते पर हस्ताक्षर किए हैं। सालाना 12 लाख टन एलएनजी आयात किया जाएगा। 5 वर्षों की अवधि में 24 लाख टन एलएनजी की आपूर्ति के लिए भारत पेट्रोलियम कॉर्पोरेशन लिमिटेड के साथ भी समझौता किया गया है। एजेसी

बढ़ी में भूमिगत गैस पाइप लाइन के लिए खोदी सड़कें, जनता परेशान

■ क्षेत्र की दर्जनों सड़कों पर नालियों को अधूरा छोड़ा

बीबीएन ,13 फरवरी (निस)

औद्योगिक क्षेत्र बढ़ी में भूमिगत गैस पाइप लाइन डालने वाली कंपनी ने सड़कों को खोखला करके छोड़ दिया है। गैस कंपनी ने क्षेत्र की दर्जनों सड़कों के किनारे खोद कर भूमिगत पाइप लाइन डालने का काम बीते दो माह पहले शुरू किया था लेकिन पाइप लाइन डालने के बाद भी कंपनी ने खोदी गई नालियां अभी तक नहीं भरी हैं। स्थानीय जिम्मेदार विभागों की अनुमति लेकर खुदाई करने वाली कंपनी पर



बीबीएन के बढ़ी क्षेत्र में भूमिगत गैस पाइप लाइन के लिए खोदी गई नालियां जिन्हें गैस कंपनी ने आधा-अधूरा छोड़ दिया है। -निस

विभागीय पकड़ न के बराबर साबित हो रही है। लोगों की शिकायतों पर भी विभाग गैस कंपनी पर कोई कार्रवाई नहीं कर पा रहे हैं। स्थानीय वासी गुरदयाल सिंह

ठाकुर, श्यामलाल, निर्मल सिंह, नरेंद्र सिंह, रामलाल, रमेश कुमार, विधि चंद व रामलोक आदि ने आरोप लगाते हुए कहा कि क्षेत्र की सड़कों के किनारे खोद कर गैस

कंपनी ने आफत खड़ी कर दी है और लंबे समय के बाद भी नालियों को बंद किया गया है जिसका खमियाजा स्थानीय जनता को हर रोज झेलना पड़ रहा है। उन्होंने आरोप लगाया कि क्षेत्र के अधिकारी आंखे बंद करके बैठे हैं और आमजन की कोई सुनवाई नहीं हो रही है। वहीं इस बारे में बीबीएन विकास प्राधिकरण के अधिशाधी अभियंता सुमित आजाद ने बताया कि क्षेत्र में गैस कंपनी द्वारा भूमिगत गैस पाइप लाइन के लिए खोदी गई नालियों को सही ढंग से न भरने की लोगों की शिकायतें आ रही हैं जिस पर विभाग ने उक्त कंपनी की नोटिस जारी कर दिया है।

दैनिक ट्रिब्यून

Thu, 13 February 2025

<https://epaper.dainiktribuneonline.com/c/76805579>



बीपीसीएल व ओएनजीसी का पेट्रोब्राज के साथ करार

जागरण ब्यूरो, नई दिल्ली: दुनिया का दूसरा सबसे बड़ा ऊर्जा सम्मेलन इंडिया एनर्जी वीक-2025 गुरुवार को समाप्त हो गया। पेट्रोलियम व प्राकृतिक गैस मंत्रालय के तत्वाधान में आयोजित इस सम्मेलन में भारतीय कंपनियों ने कई ऐसे समझौतों पर हस्ताक्षर किए हैं, जो आने वाले दिनों में देश की ऊर्जा सुरक्षा को मजबूती देंगे। इसमें देश की एक प्रमुख रिफाइनरी कंपनी भारत पेट्रोलियम (बीपीसीएल) का ब्राजील की कंपनी पेट्रोब्राज से 60 लाख बैरल कच्चे तेल के आयात का सालाना समझौता है, जो भारत के तेल खरीद विकल्पों को बढ़ाएगा।

भारत ने हाल के दिनों में उन देशों से तेल खरीदने की शुरुआत की है जिनसे पारंपरिक तौर पर खरीदारी नहीं की जाती है। ब्राजील से पहले भारत ने अर्जेंटीना से तेल खरीदने की शुरुआत की है। भारत आज करीब 40 देशों से कच्चे तेल का आयात करता है। आईईडब्ल्यू में एक अन्य समझौता संयुक्त अरब

- इंडिया एनर्जी वीक 2025 में किए गए यह द्विपक्षीय समझौते
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अमीरात की कंपनी एडीएनओसी के साथ इंडियन आयल कारपोरेशन (आइओसी) के बीच हुआ है। इसके तहत भारतीय कंपनी 12 लाख टन सालाना एलएनजी का आयात अगले 14 वर्षों तक करेगी। इस समझौते का आकार करीब सात अरब डालर है। जबकि इसी कंपनी से बीपीसीएल ने 24 लाख टन एलएनजी की खरीद को अगले पांच वर्षों तक और बढ़ाने का फैसला किया है। ओएनजीसी ने ब्राजील की कंपनी पेट्रोब्राज के साथ भारत, ब्राजील व अन्य देशों में तेल व गैस खोज करने को लेकर भी समझौता किया है। पेट्रोब्राज ने एक अन्य सार्वजनिक उपक्रम आयल इंडिया (ओआइसी) के साथ भी समझौता किया है।

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‘भारत ने इंडिया एनर्जी वीक 2025 में वैश्विक ऊर्जा साझेदारी को मजबूत किया’

नई दिल्ली, (पंजाब केसरी): इंडिया एनर्जी वीक 2025 में, भारत ने ऊर्जा सुरक्षा बढ़ाने, आपूर्ति स्रोतों में विविधता लाने और तेल एवं गैस क्षेत्र में नवाचार को बढ़ावा देने के उद्देश्य से कई रणनीतिक समझौतों और समझौता ज्ञानों पर हस्ताक्षर किए। पेट्रोलिएम और प्राकृतिक गैस मंत्री हरदीप सिंह पुरी ने इन समझौतों को देश के लिए अधिक लचीले और टिकाऊ ऊर्जा भविष्य की दिशा में महत्वपूर्ण कदम बताया है। इस अवसर पर कच्चे तेल के आयात में विविधता लाने के प्रयासों के तहत, बीपीसीएल ने 6 मिलियन बैरल कच्चे तेल के आयात के लिए ब्राजील के पेट्रोब्रास के साथ एक वैकल्पिक अवधि अनुबंध पर हस्ताक्षर किए। प्राकृतिक गैस आधारित अर्थव्यवस्था में भारत के परिवर्तन को मजबूत करते हुए, आईओसीएल और एडीएनओसी (यूएई) ने 2026 से शुरू होने वाले 14 वर्षों के लिए 1.2 एमएमटीपीए एलएनजी स्रोत के लिए 7 बिलियन अमरीकी डालर के अनुबंध पर हस्ताक्षर किए, जबकि बीपीसीएल



मेट्रो से यशोभूमि जाते हरदीप सिंह पुरी।

और एडीएनओसी ने 2.4 एमएमटी के लिए पांच साल का एलएनजी ऑफटेक समझौता किया, जिसे अगले पांच वर्षों के लिए बढ़ाया जा सकता है। क्षेत्रीय ऊर्जा आपूर्तिकर्ता के रूप में भारत की भूमिका को विस्तार करते हुए, आईओसीएल ने नेपाल के योम्या होल्डिंग्स के साथ अपना पहला एलएनजी निर्यात समझौता किया, जिससे ओडिशा के धामरा टर्मिनल के

माध्यम से क्रायोजेनिक ट्रकों के माध्यम से सालाना 1,000 मीट्रिक टन (टीएमटी) की डिलीवरी सुनिश्चित हुई। तकनीकी मोर्चे पर, ओएनजीसी ने भारत के सबसे बड़े अपतटीय तेल क्षेत्र, मुंबई हाई फ़ोल्ड के लिए तकनीकी सेवा प्रदाता के रूप में बीपी को चुना। बीपी फ़ोल्ड के प्रदर्शन की व्यापक समीक्षा करेगा, तकनीकी सुधारों को लागू करेगा और उत्पादन को स्थिर और बढ़ाने के लिए काम करेगा। इसके अतिरिक्त, आईआईएल ने रिफ़ाईनिंग, फ़ाइपलाइन संचालन और उत्सर्जन में कमी प्रौद्योगिकियों पर सहयोग करने के लिए बीपी बिजनेस सॉल्यूशंस इंडिया प्राइवेट लिमिटेड के साथ एक समझौता ज्ञान पर हस्ताक्षर किए। अपतटीय खनन में, ओएनजीसी विदेश लिमिटेड और पेट्रोब्रास ने ब्राजील, भारत और तीसरे देशों में अपस्ट्रीम तेल और गैस परियोजनाओं में संयुक्त रूप से भाग लेने के लिए एक समझौता ज्ञान पर हस्ताक्षर किए, जिसमें व्यापार, कम कार्बन समाधान और डिजिटलीकरण के अवसरों की खोज की गई।



यशोभूमि में इंडिया एनर्जी वीक का आयोजन किया

नई दिल्ली। पश्चिमी दिल्ली के द्वारका में स्थित यशोभूमि में इंडिया एनर्जी वीक 2025 का आयोजन किया जा रहा है। इंडिया एनर्जी वीक 2025 में एसईडी स्मार्ट विलेज कॉन्सेप्ट का प्रदर्शन कर रहा है। एसईडीएल टीम का नेतृत्व प्रबंध निदेशक विवेक वर्मा, जल विभाग के प्रमुख विमर्श वर्मा, ललित हांडा, सुखराज सोनी और टीम के अन्य सदस्यों के साथ किया जा रहा है, जो सतत और समावेशी ग्रामीण विकास के लिए संस्था की प्रतिबद्धता का प्रदर्शन कर रही है। एसईडीएल ने एसईडी स्मार्ट विलेज का अनावरण किया।