



India has a 20% ethanol blending target. REUTERS

Brazil minister to visit India, energy ties in focus

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NEW DELHI

Brazil's mines and energy minister Alexandre Silveira is expected to visit India later this year, according to persons aware of the matter. Silveira is likely to prioritize deepening energy ties with India, particularly in biofuels and ethanol. India has set itself a target of 20% ethanol blending in fuel by 2025. Brazil is one of the world's most advanced producers of ethanol-blended fuel and is interested in expanding cooperation with India on this.

"I believe the 20% target for ethanol blending by 2025 already creates a large market for ethanol in India. Further, India is already one of the largest producers of cars in the world. The next step is an in-depth exchange of knowledge and experiences on both sides. If both India and Brazil involve themselves in this ethanol project, then we might see the commoditization of ethanol globally. Because India and Brazil are such important markets, it will convince other countries to be a part of this market," said former Brazilian ambassador to India Andre Aranha de Lago in an interview.

Brazil has also emerged as a major oil player and expects to become the fifth largest producer and exporter of oil in the coming years. India has turned to Brazil, among others, in recent years as it diversifies its purchases of energy. In September 2022, IOCL inked a long-term crude oil deal with Brazilian oil major Petrobras in a bid to reduce its reliance on OPEC suppliers. The contract with Petrobras for 1.7 million metric tonne per annum was signed during India's petroleum and natural gas secretary Pankaj Jain's visit to Brazil. In that same month, Bharat Petroleum Corporation Ltd also signed an MoU with Petrobras.

"India is one of the first countries to accept the idea that Brazil is a major player in oil. Since Brazil is a new player in this industry, it is important that we have as close a relationship as possible with India, which is a major consumer nation," said de Lago.

CBI books ex-ONGC official, others in ₹19L fraud case



AGENCIES

NEW DELHI, 11 MAY

The Central Bureau of Investigation (CBI) on Thursday registered an FIR against former Deputy General Manager (DGM) of ONGC and others in connection with a forgery case, an official said.

The FIR has been lodged against Bijoy Kumar Shaw, the ex-DGM; Eashitva Tamuly, Contractual Medical Officer (Occupational Health), ONGC, Jorhat (Assam); and Jadumoni Hazarika, proprietor of Kiran Physiotherapy Clinic.

It has been alleged that

they generated requisition slips for physiotherapy, in the name of retired beneficiaries of ONGC health facilities and their dependents without their knowledge, and even in the name of beneficiaries who had died.

The CBI said that Hazarika claimed false and bogus bills which were verified and certified by Shaw resulting into fraudulent payment of Rs 19,15,080 to Kiran Physiotherapy Clinic.

A CBI official said that searches were conducted at seven places including Guwahati, Jorhat (in Assam) and Dehradun (in Uttarakhand) at the premises of accused which led to recovery of several incriminating materials. Documents related to six properties in the name of the former DGM were also recovered.



India rides high on diesel

With demand soaring on the back of faster economic growth, the country's transport ecosystem will find it tough to transition from the fuel anytime soon

S DINAKAR
11 May

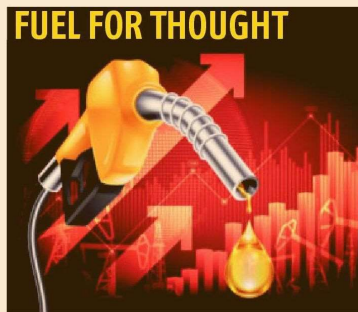
India's climate change goals are turning combustible. On the one hand, a protracted dispute between the government and manufacturers over subsidies threatens to slow the pace of electric vehicle (EV) sales. On the other hand, repeated assertions by different arms of the government over banning sales of new fossil fuel-fired vehicles have queered the pitch for energy investments.

Before we address the issue of the recommended diesel vehicle ban in the recent report on energy transition, issued months before the next round of global climate talks begin in Dubai in November, let's look at what's at stake. It is important to note, however, that the government is yet to accept the report, the oil ministry clarified in a tweet on May 8. Consultations with various stakeholders on the report are yet to be initiated.

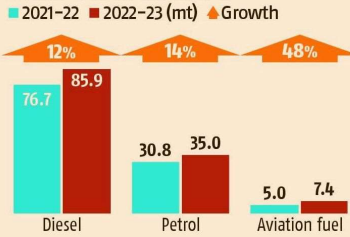
Diesel in India is a \$60-billion business — excluding transport costs, taxes, margins and levies — based on the oil ministry's \$94 a barrel diesel price for April. A record 86 million tonnes of the fuel was sold in FY23. At last count, The business grew 12 per cent last financial year from a year earlier, according to oil ministry data.

In other words, the business is booming, with the future for the fuel looking exceedingly bright on the back of India's 6-7 per cent economic growth. Most Indian refineries, especially the state-run ones, are designed to produce middle distillates such as diesel and jet fuel. Indian refiners produced 114 million tonnes of diesel last financial year out of the total plant capacity of 252 million tonnes.

Demand for diesel touched an all-time high of 1.96 million barrels per day in

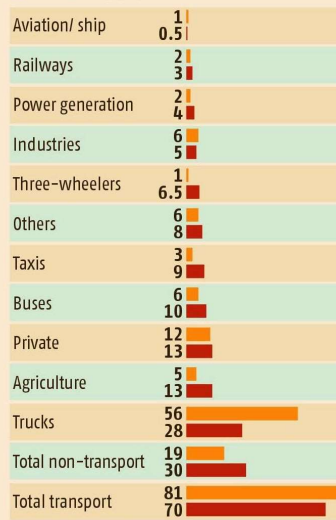


India's fuel demand



Source: Oil Ministry

India's diesel demand break-up



Source: Oil ministry's Energy Transition report

in 2021 from 38 per cent in 2013. If you throw in private transport then three-fourths of diesel demand come from these segments, which are threatened by plans for a rapid absorption of EVs into the Indian transport ecosystem (see chart).

India will transition to clean fuel public transport in 10 years, the report said. In the coming decade, 75 per cent of the city delivery vehicles can be electric in all the million-plus cities and other specific cities, and EVs may be promoted as the optimal solution to phase out ICE two- and three-wheelers by 2035.

At one place, the report says that with the agriculture and manufacturing sectors dependent heavily on road logistics, diesel demand from this sector is expected to continue its growth. It also points to a lack of alternatives in the heavy vehicles sector. The energy density of lithium-ion batteries and resultant weight of batteries are not conducive for heavy vehicles in long-haul applications, and the current charging times are high, which significantly reduces vehicle utilisation times. "Given the current limitations of electric buses, the impact on diesel demand is expected to be marginal in the near term," the report said.

"For medium and heavy trucks, electrification is expected to be a more gradual trend," said Kinjal Shah, vice-president & co-group head — corporate ratings, ICRA. "Lighter trucks would see faster adoption trends, with e-commerce and logistics players exploring e-LCVs for their requirements." ICRA expects penetration in the LCV segment to reach 4-6 per cent by financial year 2025 and 25 per cent by FY2030.

Whatever the numbers, one thing is clear: For the foreseeable future, diesel is likely to drive India's economy.

April. India's overall oil demand in calendar 2023 may increase by 6 per cent above 2019 levels, before rising to about 12 per cent in 2024, said J Y Lim, oil analyst at S&P Global Commodity Insights.

Murmurs of a ban on internal combustion engine (ICE) vehicles began in 2017, when transport minister Nitin Gadkari first raised the prospect of a ban on sales of new fossil-fuel fired vehicles by 2030. This was based on a Niti Aayog policy document of the period that recommended phasing out transport fuel-based rickshaws by 2023, two-wheelers by 2025, and complete 40 per cent electrification in private transport by 2030.

After protests by the oil ministry and automakers, which were facing slowing sales, Gadkari, in 2019, dismissed the notion of any ban. In subsequent years, he reiterated that the government

would not stop sales of ICE vehicles, but will encourage adoption of EVs, and the use of alternative fuels like ethanol, bio-LNG and green hydrogen.

But the new energy transition policy document, prepared by a top level committee, discusses a ban again. "Diesel-driven four-wheelers may be eliminated as soon as possible," said the energy transition report. "Therefore, a ban on diesel-powered four-wheelers in all million-plus cities and all towns with high pollution has to be enforced in five years, ie, by 2027," it added.

The 328-page document was prepared by the Energy Transition Advisory Committee (ETAC), headed by Tarun Kapoor, former secretary, petroleum ministry, and an advisor in the PMO. ETAC has among its members Subhash Kumar, ex-chairman, ONGC, and executive directors from state oil companies. The

report was ready in February, officials said, and is now on the petroleum ministry website.

ETAC also suggested that by 2030, city buses, which are not electric, should not be added and diesel buses for city transport should not be added from 2024 onwards. Long-distance buses will have to be a mixture of electric with battery swapping and CNG/LNG, and delivery vehicles in cities to be only electric from next year onwards.

These recommendations came even as demand for diesel rose 8.6 per cent in April from a year earlier, and gasoline use rose by 3 per cent during the period. Of greater concern is the fact that the bulk of recommendations on diesel relate to transportation. The role of transport in diesel usage has grown to 81 per cent in 2021 from 70 per cent in 2013. Trucks and buses constituted 62 per cent of diesel use

Mubadala, Others Eye Stake in I Squared's India Gas Biz

Sumitomo among Japanese cos in fray; deal may value biz at \$1B

Reghu Balakrishnan
& Swaraj Singh Dhanjal

Mumbai: Mubadala Investment, sovereign wealth fund of the United Arab Emirates, and a couple of Japanese investors including Sumitomo are in the race to acquire a 30% stake in Indian natural gas distribution business of I Squared Capital.

The deal is likely to value the business at \$1 billion, multiple people aware of the development said.

I Squared, a US private equity firm focused on infrastructure investments, is present in the city gas distribution business in India through Think Gas Distribution and AG&P Pratham. The former also operates over 80 CNG stations.

"I Squared will merge Think Gas and AG&P city gas businesses and the investor will pick up stake in the merged entity through a mix of primary and secondary investment," one of the sources said.

The combined platform could fetch a valuation of upwards of \$1 billion, the person said. "Talks are on with investors such as Mubadala and a couple of Japanese investors," he added. Investment bank Barclays is advising I Squared for

High Interest

I Squared said to be considering merging Think Gas and AG&P city gas biz



Think Gas

Operates across 13 districts in India

Supplies natural gas to domestic, commercial, industrial & automotive sectors

Has over 80 CNG stations, services over 30,000 customers daily

Mubadala

Picked up a significant stake in I Squared Capital-backed Cube Highways InvIT for \$300 m

Other investments: Tata Power Renewables, Jio Platforms and Reliance Retail

the stake sale, sources said.

Mails sent to I Squared Capital, Mubadala and Sumitomo did not elicit any responses till press time on Thursday.

Established by I Squared in 2018, Think Gas operates across 13 districts in India and supplies natural gas to domestic, commercial, industrial and automotive sectors. Headquartered in Delhi NCR, Think Gas serves over 30,000 customers daily, according to company website.

AG&P has 12 long-term 25-year exclusive concessions in Rajasthan, Andhra Pradesh, Karnataka, Kerala and Tamil Nadu, while Think Gas has seven licences to operate across 13 districts across Punjab, Madhya Pradesh, Bihar, Uttar Pradesh and Himachal Pradesh.

I Squared's city gas distribution business is the largest such institution-owned platform in the country. Other major city gas distribution businesses include Adani Total Gas and Torrent Gas on the private side and PSU-backed players such as Mahanagar Gas and Indraprastha Gas.

Last month, Mubadala picked up a significant stake in I Squared Capital-backed roads infrastructure investment trust (InvIT) Cube Highways for around \$300 million.

Mubadala's other investments in India include Tata Power Renewables, Jio Platforms, and Reliance Retail.

India's natural gas demand is growing at a CAGR of 8% and the government is trying to increase access to gas to about 70% of the population by 2025.



OIL subscribes to rights issue of Numaligarh

Oil India Ltd has said it had subscribed to 200.3 mln shares in the rights issue of its subsidiary Numaligarh Refinery Ltd at 110 rupees a share. Oil India's shareholding in its subsidiary stands at 73.2% after the allotment, the company said in an exchange filing.

ONGC Discovers Oil, Gas Off Mumbai Coast

Our Bureau

New Delhi: ONGC has made two oil and gas discoveries in Mumbai offshore, the company said in a statement on Thursday. The company has named these discoveries 'Amrit' and 'Mongha', which are about 100 km and 30 km from the landfall points, respectively. Both these discoveries are located in the blocks the company won under the new Open Acreage Licensing Policy (OALP) in the last few years.

The company didn't give more details on the

discoveries as it is engaged in a detailed assessment. It has notified the Directorate General of Hydrocarbons. Following the assessment of the available data from the current well, the company will be able to decide whether it needs to drill more wells for exploration and appraisal.

"With these notable findings in the OALP I and OALP III rounds, ONGC reaffirms its exploration commitment to unlocking the vast potential of India's hydrocarbon resources along with reserves accretion, strengthening the nation's energy security," said Sushma Rawat, director of exploration at ONGC.

ONGC discovers oil & natural gas in two Arabian Sea blocks

NEW DELHI: State-owned Oil and Natural Gas Corporation (ONGC) has discovered crude oil and natural gas in two blocks in Mumbai offshore, the company said on Thursday without giving details of reserves found.

The discoveries, which have been named 'Amrit' and 'Moonga', were made in the blocks that the company won in recent open acreage licensing rounds.

In a statement, the firm said it "has made discoveries of oil and gas in MBS171HAA-1 (Amrit) in OALP (Open Acreage Licensing Policy) block MB-OSHP-2017/1 in Mumbai Offshore (SW) on the Arabian Sea."

"There is another remarkable discovery in MBS182HDA-1 (MBS182HDA-A) named 'Moonga' in OALP exploration Block in Mumbai Offshore."



The discoveries, which have been named 'Amrit' & 'Moonga', were made in blocks won by ONGC in recent open acreage licensing rounds

ONGC said a detailed assessment of the discoveries was in progress.

"With these discoveries, ONGC continues its impressive streak in the OALP blocks by making new discoveries in consecutive years," it said.

ONGC Director (Exploration) Sushma Rawat said that with these notable findings in the OALP-I and OALP-III rounds, ONGC reaffirms its exploration commitment to unlocking the vast potential of India's hydrocarbon resources along with reserves accretion, strengthening the nation's energy security.

"ONGC's relentless pursuit of exploring untapped regions yielded these finds. By diligently analysing geological data and employing advanced technologies, ONGC successfully identified substantial oil and gas reserves, reaffirming the untapped potential within the OALP blocks," it added. **MPOST**

ONGC discovers oil, gas in Arabian Sea blocks

PTI ■ NEW DELHI

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ONGC discovers oil, gas in Arabian sea blocks

Our Bureau

New Delhi

State-run Oil and Natural Gas Corporation (ONGC) on Thursday said that it has made discoveries of oil and gas in Amrit and Moonga blocks in Mumbai offshore.

Amrit is an Open Acreage Licensing Policy (OLAP) block in the Mumbai Offshore (SW) in the Arabian sea, while Moonga is also an OALP exploration block in Mumbai Offshore. Detailed assessment of the discoveries is in progress, the exploration and production (E&P) giant said.

With these discoveries, ONGC continues its impressive streak in the OALP blocks by making new discoveries in consecutive years, it added.

FINDINGS NOTIFIED

The Maharatna company said that it has also notified the Directorate General of Hydrocarbons (DGH) and the Ministry of Petroleum and Natural Gas (MoPNG) about these findings.

ONGC Director (Exploration) Sushma Rawat said that with these notable findings in the OALP I and OALP III rounds, ONGC reaffirms its exploration commitment to unlocking the vast potential of India's hydrocarbon resources along with reserves accretion, strengthening the nation's energy security.

The discovery represents a momentous achievement, underscoring exploration dedication to expanding domestic production and reducing India's reliance on imported oil and gas, she added.

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KEY FINDINGS. Amrit is an OLAP block in the Mumbai Offshore in the Arabian sea, while Moonga is also an OALP exploration block in Mumbai offshore

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The discoveries in both the OALP I and OALP III rounds carry significant importance towards energy security by bolstering domestic production. The reduced dependence on imported oil and gas enhances the country's resilience to global market fluctuations, ensuring a stable and secure energy supply.

ONGC's successive discoveries in the OALP blocks awarded under the OALP I and OALP III rounds demonstrate the company's unwavering commitment to unlocking India's hydrocarbon potential. These achievements not only strengthen India's energy security and reduce dependence on imports but also drive economic growth, technological advancements, and environmental sustainability.

The CPSUs remarkable exploration successes pave the way for a more prosperous and self-reliant energy future for India, cementing its position as a leading player in the global energy landscape



ONGC discovers oil, gas in Arabian Sea blocks

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ONGC strikes oil in 2 blocks off Mumbai

TIMES NEWS NETWORK

New Delhi: ONGC on Thursday reported two oil and gas discoveries in the Arabian sea blocks the state-run explorer had won in auctions conducted under the OALP (open acreage licensing policy) regime.

The discoveries were made in blocks Amrit and Moonga won in the first and third OALP auction rounds, respectively, the company's director (exploration) Sushma Rawat said. Amrit is about 100km from the landfall point and is spread across 725 sqkm. Moonga is 30km from the Mumbai coast and is spread over 4,668 sqkm. Under OALP, companies are free to pick acreages for bidding on the basis of data analysis.

OPEC sees global oil demand rising by 2.33 million bpd, China to lead



THE ORGANIZATION OF the Petroleum Exporting Countries (OPEC) on Thursday further raised its forecast for Chinese oil demand growth in 2023, although it left the global total steady, citing potential downside risks for growth in other regions, reports **FE**. World oil demand will rise by 2.33 million barrels per day (bpd), or 2.3%, the OPEC

said in its May report. This is virtually unchanged from 2.32-million-bpd forecast last month. "Minor upward adjustments were made due to the better-than-expected performance in China's economy, while other regions are expected to see slight declines, due to economic challenges that are likely to weigh on oil demand," OPEC said in the report.

■ WORLD OIL DEMAND IN 2023*, MB/D

	2022	Q1 23	Q2 23	Q3 23	Q4 23	2023	Change 2023/22	
							Growth	%
Americas	25.01	24.61	25.14	25.51	25.09	25.09	0.08	0.31
of which US	20.43	20.16	20.43	20.75	20.37	20.43	0.00	-0.01
Europe	13.51	12.99	13.36	14.10	13.37	13.46	-0.05	-0.37
Asia Pacific	7.43	7.89	7.05	7.27	7.70	7.47	0.04	0.55
Total OECD	45.95	45.50	45.55	46.87	46.15	46.02	0.07	0.15
China	14.85	15.63	15.40	15.43	16.16	15.66	0.80	5.42
India	5.14	5.40	5.44	5.21	5.50	5.39	0.25	4.89
Other Asia	9.02	9.43	9.65	9.14	9.24	9.36	0.34	3.75
Latin America	6.44	6.56	6.49	6.71	6.68	6.61	0.18	2.75
Middle East	8.29	8.59	8.47	8.86	8.73	8.66	0.37	4.43
Africa	4.40	4.71	4.34	4.43	4.88	4.59	0.19	4.32
Russia	3.56	3.68	3.45	3.59	3.87	3.65	0.09	2.49
Other Eurasia	1.15	1.24	1.16	1.02	1.22	1.16	0.01	1.15
Other Europe	0.77	0.84	0.76	0.75	0.83	0.80	0.03	3.61
Total Non-OECD	53.62	56.09	55.16	55.16	57.10	55.88	2.26	4.21
Total World	99.57	101.58	100.70	102.03	103.25	101.90	2.33	2.34
Previous Estimate	99.57	101.55	100.70	102.03	103.27	101.89	2.32	2.33
Revision	-0.01	0.04	0.00	0.00	-0.03	0.00	0.01	0.01

Note: * 2023 = Forecast. Totals may not add up due to independent rounding. Source: OPEC





Russian FPIs eye Indian bourses to trade in US energy basket

SET FOR 'ENERGY' BOOST

Monthly turnover for commodity derivatives* in last one year, in ₹ trillion



Interest comes days before the launch of NYMEX WTI Crude Oil and Natural Gas (Henry Hub) derivatives contracts by NSE

KHUSHBOO TIWARI
Mumbai, 11 May

Foreign portfolio investors (FPIs) domiciled in Russia may use the Indian markets to gain exposure to the US energy basket in order to sidestep the strict sanctions imposed on them, according to people in the know. Starting Monday, the National Stock Exchange (NSE) will commence trading in the NYMEX WTI Crude Oil and Natural Gas (Henry Hub) derivatives contracts, which are among the world's most traded commodity derivatives contracts.

Typically, Russian investors don't have easy access to these derivative instruments. However, as some of them are registered as FPIs in India,

they can freely participate in the domestic commodities market.

According to the registration data from National Securities Depository Ltd (NSDL), the three entities from Russia — two categories from Alpha Capital Management Company and one from Vsevolod Rozanov — have recently registered in India.

Sources said many more institutional investors based out of Russia were in the process of getting registered as FPIs in India as they considered energy derivative products as opportunities for hedging and to gain from volatility in the energy segment.

"Many Russian entities, especially FPIs and commodity participants, don't have access to other global avenues to trade and transact in such

liquid exchange-traded derivatives of energy basket. This is due to [international] sanctions and the global situation right now. There has been a lot of interest from such entities as they are engaging with the top exchange for such products," said a source.

The NSE has entered a data licensing agreement with the US-based CME Group, the world's largest derivatives marketplace, to launch this product domestically. Derivatives contracts will, however, be traded in the Indian rupee and will be cash settled. NSE Clearing, the clearing corporation arm of the NSE, will handle clearing and settlement.

Industry players say domestic exchange-traded commodity derivatives (ETCDs) have reached an inflection point due to the regulatory

changes in the past few years.

In September 2022, Sebi allowed FPIs' participation in the cash-settled non-agricultural commodity derivatives contracts and indices.

To boost participation, Sebi has also allowed the stock exchanges to offer direct market access for ETCDs to FPIs.

In September 2022, Sebi allowed FPIs' participation in the cash-settled non-agri commodity derivatives contracts

Industry players say the launch of the NYMEX WTI Crude Oil and Natural Gas (Henry Hub) derivatives contracts will have a wider appeal and not just cater to FPIs belonging to one particular jurisdiction.

"India has a vibrant list of FPIs. Energy derivatives contracts are the most-traded globally. Investors

across geographies prefer spreading their bets across multiple trading venues to get the benefit of the time zone as also to explore anomalies in pricing," said an official.

अब पीएनजी-सीएनजी की चिंता मिटी, बायोमास बनेगा ईंधन

उपलब्धता नहीं होने पर **बायोमास प्यूल** की मिली स्वीकृति

डीपी आर्य • सोनीपत

उद्योगों के संचालन के लिए अब पीएनजी-सीएनजी की अनिवार्यता नहीं रहेगी। एनजीटी की स्वीकृति के बाद प्रदूषण नियंत्रण बोर्ड ने उद्योगों को बायोमास प्यूल से चलाने की छूट दे दी। इससे जिले की 1800 व प्रदेश की 1.18 लाख औद्योगिक यूनिट का संचालन सुलभ हो जाएगा। इन उद्योगों को नवंबर से पांच माह के लिए बंद कराना पड़ता था। वहीं, ईट-भट्ठों का संचालन भी हो सकेगा। साथ ही, फसल अवशेष के जलाने से होने वाले प्रदूषण की समस्या को भी नियंत्रित किया जा सकेगा।

एनजीटी ने प्रदूषण फैलाने वाले उद्योगों को सीएनजी-पीएनजी में परिवर्तित करने के आदेश दिए हुए। औद्योगिक इकाइयों को बिजली, पीएनजी, सीएनजी व एलपीजी से ही चलाने की अनुमति है। डीजल, लकड़ी, कोयला व ब्लैक कार्बन के प्रयोग से चलने वाले उद्योगों को प्रदूषण फैलाने वाला माना जाता है। इनको दिसंबर, 2022 तक बंद करने के आदेश दिए गए थे। उद्योगों की मांग पर एनजीटी ने इस समस्यावधि को जुलाई तक बढ़ा दिया था।

केवल पुराने उद्योग का होगा संचालन

एनजीटी का पिछले दिनों जारी किया गया आदेश प्रदूषण नियंत्रण बोर्ड के अधिकारियों को मिल गया। इसके अनुसार बायोमास प्यूल से केवल उन्हीं उद्योगों का संचालन किया जा सकेगा, जो कई साल से चल रहे हैं। नए लगने वाले उद्योगों को हर हाल में सीएनजी-पीएनजी से ही चलाना होगा। प्रदूषण नियंत्रण बोर्ड के एसडीओ रविन्द्र यादव ने बताया कि बायोमास के प्रयोग से कोई हानिकारक गैस नहीं निकलती है। इससे केवल कार्बन डाइऑक्साइड और एसपीएम ही निकलता है। बायोमास को प्रदूषण मुक्त मानते हैं।

6 प्रदूषित उद्योगों की श्रेणी में शामिल औद्योगिक इकाइयों को अब बायोमास से चलाया जा सकेगा। इससे दोहरा लाभ होगा। एक ओर जहां कृषि अवशेष को जलाने से रोका जा सकेगा, वहीं उद्योग भी नियंत्रित प्रदूषण में संचालित हो सकेंगे। ऐसे में सर्दी में उद्योगों को बंद करने की जरूरत नहीं होगी।

-कमलजीत सिंह, क्षेत्रीय अधिकारी, प्रदूषण नियंत्रण बोर्ड

अब मिलेगी राहत

एनजीटी ने उद्योगों को बायोमास प्यूल से चलाने की अनुमति दे दी। बायोमास को कृषि अवशेष जैसे पराली, गन्ने की पत्ती, गेहूं के भूसरे, पौधों की पत्तियां, बुरादे व लकड़ियों के छोटे-छोटे टुकड़ों से तैयार किया जाता है। मशीन इनको बारीक करके ब्रिक व बंडल तैयार कर देती है। ऐसी एक फैक्ट्री गांव अटेरना में चल रही है। इन ब्रिक को बायोमास प्यूल कहा जाता है। इनसे प्रदूषण कम होता है।

यह थी समस्या : उद्योगपतियों की समस्या यह थी कि उनके क्षेत्र में सीएनजी-पीएनजी की लाइन नहीं थी। ऐसे में उद्योगों को परिवर्तित करना संभव नहीं था। कंपनियां निर्धारित समय में संबंधित क्षेत्रों में पाइपलाइन सर्विस दे पाने में असमर्थ थीं। इससे उद्योगों का संचालन बंद

होने के कगार पर था। वहीं, प्रदूषण के चलते नवंबर से पांच माह इन इकाइयों को बंद रखना पड़ता था। उद्योगपति सुभाष गुप्ता ने जानकारी देते हुए बताया है कि बायोमास के प्रयोग से डीजल के मुकाबले 80 व सीएनजी के मुकाबले 50 परसेंट तक का खर्च कम आता है।

ओएनजीसी को मुंबई में मिले तेल-गैस के दो भंडार

नई दिल्ली, भाषा। सार्वजनिक क्षेत्र की तेल एवं गैस कंपनी ओएनजीसी ने मुंबई अपतटीय इलाके के दो ब्लॉक में कच्चे तेल और प्राकृतिक गैस के भंडार की खोज की है। ऑयल एंड नेचुरल गैस कॉर्पोरेशन (ओएनजीसी) ने बृहस्पतिवार को एक बयान में यह जानकारी दी। कंपनी ने कहा कि हाल ही में मुक्त क्षेत्र लाइसेंसिंग दौर (ओएएलपी) में हासिल किए गए इन ब्लॉक में 'अमृत' और 'मृगा' नाम के क्षेत्रों में तेल-गैस भंडार मिला है। हालांकि कंपनी ने अरब सागर में स्थित इन क्षेत्रों में मिले भंडार का व्योरा नहीं दिया है। उसने कहा कि इन भंडारों का विस्तृत आकलन किया जा रहा है। ओएनजीसी को निदेशक (अन्वेषण) सुधमा रावत ने कहा कि ओएएलपी-1 और ओएएलपी-3 दौर में हासिल ब्लॉक में मिली इस कामयाबी के साथ कंपनी ने भारत के हाइड्रोकार्बन संसाधनों की विशाल संभावनाओं के उपयोग को लेकर प्रतिबद्धता दर्शाई है।

भारत से अमेरिका पर रूस का दांव

खुशबू तिवारी
मुंबई, 11 मई

रूस में रहने वाले विदेशी पोर्टफोलियो निवेशक (एफपीआई) अमेरिकी ऊर्जा बास्केट में कारोबार करने के लिए भारतीय बाजार का इस्तेमाल कर सकते हैं। इससे अमेरिका द्वारा रूस पर लगाए गए सख्त प्रतिबंधों से बचा जा सकेगा। इस मामले से अवगत सूत्रों ने यह जानकारी दी।

नैशनल स्टॉक एक्सचेंज (एनएसई) नाइमैक्स डब्ल्यूटीआई कूड ऑयल एंड नैचुरल गैस (हेनरी हब) डेरिवेटिव अनुबंध में सोमवार से खरीद-फरोख्त शुरू करेगा। ये दोनों वैश्विक मानक व्यापारियों और ऊर्जा बाजार के प्रतिभागियों के बीच काफी लोकप्रिय हैं।

आम तौर पर रूसी निवेशकों की इन डेरिवेटिव श्रेणी तक आसान पहुंच नहीं होती है। हालांकि, उनमें से कुछ भारत में एफपीआई के रूप में पंजीकृत हैं और इस प्रकार वे घरेलू कमोडिटी बाजार में स्वतंत्र रूप से भाग ले सकते हैं।

नैशनल सिक्योरिटीज डिपॉजिटरी (एनएसडीएल) से प्राप्त पंजीकरण डेटा के अनुसार, रूस की तीन इकाइयों-अल्फा कैपिटल मैनेजमेंट कंपनी से दो और व्सेवोलोद रोजानोव से एक इकाई-ने हाल में भारत में



■ अमेरिकी ऊर्जा बास्केट में कारोबार करने के लिए भारतीय एक्सचेंज पर रूसी एफपीआई की नजर

■ भारतीय प्लेटफॉर्म के जरिये कारोबार करने से अमेरिका द्वारा रूस पर लगाए गए सख्त प्रतिबंधों से बचा जा सकेगा

■ एनएसई द्वारा दो ऊर्जा डेरिवेटिव उत्पादों को लॉन्च करने से कुछ दिन पहले बढ़ी दिलचस्पी

पंजीकरण कराया है।

एक सूत्र ने कहा, 'कई रूसी कंपनियां, खासकर एफपीआई और कमोडिटी बाजार के

प्रतिभागियों की पहुंच एक्सचेंज के जरिये कारोबार होने वाले ऊर्जा बास्केट के ऐसे तरल डेरिवेटिव में लेनदेन करने के लिए अन्य वैश्विक प्लेटफॉर्म तक नहीं है। इसकी मुख्य वजह प्रतिबंध और उनकी वैश्विक स्थिति है। हालांकि इसमें इन कंपनियों की दिलचस्पी काफी दिख रही है क्योंकि वे इन उत्पादों के लिए प्रमुख एक्सचेंज से जुड़ रही हैं।'

एनएसई ने इन उत्पादों को घरेलू बाजार में उतारने के लिए अमेरिका के सीएमई ग्रुप के साथ डेटा लाइसेंसिंग समझौता किया है। सीएमई ग्रुप दुनिया का सबसे बड़ा डेरिवेटिव मार्केटप्लेस है। डेरिवेटिव अनुबंधों की खरीद-फरोख्त रुपये में होगी और उनका निपटान नकदी में किया जाएगा। एनएसई की क्लियरिंग कॉरपोरेशन इकाई एनएसई क्लियरिंग ऐसे लेनदेन के लिए क्लियरिंग एवं निपटान की जिम्मेदारी संभालेगी।

उद्योग के प्रतिभागियों का कहना है कि घरेलू एक्सचेंज ट्रेडेड कमोडिटी डेरिवेटिव (ईसीटीडी) पिछले कुछ वर्षों के दौरान हुए नियामकीय बदलावों के कारण दिशा बदलने के कगार पर पहुंच चुका है।

बाजार नियामक सेबी ने सितंबर 2022 में नकद निपटान वाले गैर-कृषि जिंस डेरिवेटिव अनुबंधों और सूचकांकों में एफपीआई की भागीदारी की अनुमति दी थी।