

GAIL ORGANISES CBG WORKSHOP FOR STAKEHOLDERS UNDER AEGIS OF MoPNG VISIT TO CBG PLANT ALSO ORGANISED

Under the aegis of Ministry of Petroleum and Natural Gas, GAIL (India) Limited organized a CBG Workshop here which was attended by bank officers, LOI holders, Compressed Bio Gas (CBG) producers, technology providers, representatives from World Bank, Indian Biogas Association members, Oil and Gas Marketing Companies, Haryana Renewables Energy Development Agency (HREDA), Punjab Energy Development Agency (PEDA) and various Ministries and Departments representatives.



The CBG Workshop was graced by Dr Sangita M Kasture, Scientist G, Ministry of New and Renewable Energy (MNRE), Shri Karanjit Singh, Director, Department of Drinking Water and Sanitation (DDWS), Shri Arun Kumar, Director (Gas Projects), MoP&NG and Shri Chakradhar Vishwanathrao Chimote, Assistant Commissioner (M&T), Department of Agriculture & Farmers Welfare (DA&FW). During the CBG Workshop, Shri S N Yadav, Executive Director (CBG) GAIL and Shri Akash Bhawan, General Manager (Chandigarh Zone) were also present along with their team members at the workshop.



GAIL organises CBG Workshop for stakeholders under aegis of MoPNG



Under the aegis of Ministry of Petroleum and Natural Gas, GAIL (India) Limited organized a CBG Workshop here which was attended by bank officers, LOI holders, Compressed Bio Gas producers, technology providers, representatives from World Bank, Indian Biogas Association members, Oil and Gas Marketing Companies, Haryana Renewables Energy Development Agency, Punjab Energy Development Agency and various Ministries and Departments representatives. While speaking on the occasion, Arun Kumar, Director, MoP&NG highlighted the importance of CBG in achieving the target of net zero emissions by 2070 as

announced by Prime Minister in United Nations Climate Change conference, held in Glasgow, Scotland (U.K) COP 26. Officers from DDWS briefed about Gobardhan initiative for convergence of various schemes of different Ministries for CBG sector and gave a presentation on the GOBARDhan portal for the awareness about a uniform platform for all CBG related projects. The CBG Workshop was graced by Dr Sangita M Kasture, Scientist G, Ministry of New and Renewable Energy (MNRE), Karanjit Singh, Director, Department of Drinking Water and Sanitation (DDWS), Arun Kumar, Director (Gas Projects), MoP&NG amongst others.

Cairn to double annual capex to \$1 bn

The oil and gas major plans to kick-start 12 projects in the country in FY25

SUBHAYAN CHAKRABORTY

New Delhi, 20 February

Cairn Oil & Gas will spend about \$1 billion in capital expenditure (capex) annually for the next five years as it ramps up exploration across 12 key project areas.

This will be double the \$500 million worth of capex incurred annually by the company in the past couple of years, company officials told *Business Standard* during an interaction at the recently concluded India Energy Week.

The announcement comes at a time when public-sector oil and gas producer Oil and Natural Gas Corporation and Oil India have outlined major exploration plans beginning 2024.

“For the past three-four years, we have been spending at least \$500 mil-

FOCUS AREAS

50,000 additional barrels per day expected

- ▶ Rajasthan’s Mangala Barmer Hills, Shakti oil fields
- ▶ Greater Rawra area offshore Andhra Pradesh

- ▶ Onland exploration in Gujarat
- ▶ Kaameshwari Deep gas field in Rajasthan
- ▶ 4 exploratory blocks across Assam, Arunachal Pradesh, and Nagaland



ASSET CHECK

63,851 sq km acreage across India

294 wells dug till FY23

201 wells hooked up across all assets

62 blocks where Cairn has an interest

lion annually. In the past two-three years, we were not doing too much exploration. It was more of study work, and the focus was on fewer wells. Now, with so many wells, \$1 billion a year is not a high number,” said Hitesh Vaid, chief financial officer, Cairn Oil & Gas.

Cairn has undertaken this level of expenditure earlier as well, he said. The

company remains India’s largest private oil and gas producer with a 25 per cent share of domestic crude production.

New projects eyed

In FY25, the company will kick-start 12 projects in the country to expand both reserve and production volumes, Steve

Moore, deputy chief executive officer at Cairn Oil & Gas, said at the same interaction. This includes three promising areas in Rajasthan, the Kaameshwari Deep and Mangala Barmer Hill oil fields and Shakti, a heavy viscous oil field.

“Some of it has uncertainties with it. But from these 12 projects, about 50,000 barrels per day is expected,” Moore said.

Foreign minister defends ties with Russia, says it has never hurt India

'Our Purchase Of Russian Oil Helped Stabilise Energy Market'

TIMES NEWS NETWORK

New Delhi: Defending India's ties with Russia, foreign minister S Jaishankar said everyone conducts relationships based on their past experiences and Russia has never hurt India's interests. The minister also said India's purchase of Russian oil had helped stabilise the energy market.

"If I look at the history of India post-Independence, Russia has never hurt our interests. The relations of powers like Europe, the US, China or Japan with Russia, they have all seen ups and downs. We have had a stable and always very friendly relationship with Russia," said the minister in an interview to a German daily.

"And our relationship with Russia today is based on this experience. For others, things were different, and conflicts may have shaped the relationship. We, on the other hand, had a politically and militarily much more difficult relationship with China, for example," he added.



Jaishankar said if no one had purchased crude from Russia and got supplies from other countries, prices in the energy market would have shot up even further

The minister said if no one had purchased crude from Russia and got supplies from other countries, prices in the energy market would have shot up even further: "Global inflation would have been much higher — and that would have been a huge political issue in lower-income countries," he said.

On being asked if India could mediate in the Russia-Ukraine conflict, the minister said India is open to the idea only when it is approached. When asked if India would like support from Europe in the border con-

Red Sea events have exposed fragility of connectivity: EAM

The recent developments in the Red Sea reflected the fragility of existing connectivity link and it reinforced the need to create multiple transport corridors with in-built resilience, EAM S Jaishankar said on Tuesday. He highlighted India's deepening ties with Europe and said the ambitious India-West Asia-Europe Economic Corridor would create significant opportunities for global economic growth. PTI

flict with China, he said his point was "just as I do not expect Europe to have a view of China that is identical to mine, Europe should understand that I cannot have a view of Russia that is identical to the European one".

"Let us accept that there are natural differences in relationships," he said.

When asked if India is undermining the sanctions against Russia, Jaishankar said if Europe had wanted to maximise the damage at the time, it would have had to stop all economic relations with Russia completely.



Gas pipeline leak safely contained on GTK Road, no damage done

OUR CORRESPONDENT

NEW DELHI: A potential crisis was averted when a gas pipeline leak was promptly addressed near Fortune Mall on GTK Road, ensuring the safety of the public with no reported incidents of fire, loss of life, or property damage.

The leak, which occurred at 11:59 AM on Tuesday, was swiftly managed by the com-

bined efforts of Indraprastha Gas Limited (IGL) technicians and local authorities, highlighting the effectiveness of emergency response protocols in the city.

Delhi Police's North-West District was alerted, prompting an immediate investigation into the incident. Preliminary inquiries revealed that the gas leak was caused by an accidental puncture in the IGL pipe-

line. The mishap occurred during routine utility checks by SAM India, a construction company responsible for building a flyover on GTK Road, inadvertently striking the pipeline in the process, an officer said. Officials from IGL were notified of the incident without delay, and their technicians were dispatched to the scene to undertake the necessary repairs.

Gujarat Refinery hands over NICU on Wheels under CSR



Demonstrating the core value of Care, IndianOil Gujarat Refinery handed over a Neonatal Intensive Care Unit (NICU) on Wheels to the District Health Authority at Narmada District under IndianOil's CSR for FY 2023-24. Mr. Rahul Prashant, ED&RH, Gujarat Refinery handed over the NICU to Dr. Anil Kumar Vasava,

Additional District Health Officer, Narmada District and flagged off the CSR asset in the presence of CGMs, GMs, JR Hospital and CSR teams.

Speaking on the occasion, Mr. Rahul Prashant said that the provision of NICU under CSR demonstrates our unwavering commitment to healthcare accessibility, especially in aspirational district of Narmada. We recognize the critical importance of neonatal care in saving the lives of infants. With this mobile NICU, we aim to bridge the gap between medical facilities and remote communities, ensuring that every new-born receives the care they deserve, regardless of their geographical location, he further said.

The NICU provided to Narmada District is equipped with advanced medical equipment to care for new-borns during transit to referral hospitals, thereby maximizing the chances of survival for new-borns in critical condition. Neonatal care through NICU ambulance will contribute towards reduction of infant mortality, thereby advancing SDG-3 for healthy lives. Timely care enhances neonatal survival rates, aligning with broader Sustainable Development Goals by fostering healthier populations and economic growth.

India's LNG terminal plans in Iraq face visa, security hurdles

Rituraj Baruah

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NEW DELHI

Plans to set up a liquified natural gas terminal in Iraq are yet to take off, as Iraq is yet to issue visas to officials from Indian oil and gas and EPC (engineering, procurement and construction) companies amid persistent security concerns in the country.

A team of officials from state-run companies, including Indian Oil Corp (IOCL) and Engineers India Ltd (EIL), were to visit Iraq and weigh the prospects of an LNG terminal which would also operate as a gas liquefaction plant.

"They are yet to issue visas. No significant movement has taken place from the Iraqi side as of now. Things will only move forward when our team visits the country," said a person aware of the development, adding that there is no certainty on the timeline for the proposed visit.

Queries sent to the union ministry of petroleum and natural gas, Iraq's embassy in India, IOCL and EIL remained



India is looking to diversify its LNG import sources.

unanswered till press time.

It has been about eight months since the project was proposed by Iraq in the last joint commission meeting (JCM) in New Delhi held during the visit of Iraq's deputy prime minister for energy affairs and oil minister Hayan Abdul Ghani Abdul Zahra Al Sawad in June 2023. On 11 July 2023, *Mint* reported that a team from India would shortly visit the Gulf nation.

The idea of the terminal was conceived to liquify some of the 50 million metric standard cubic metres per day

(mmscmd) of gas currently flared by Iraq and transport it to India, where it would be converted back to LNG for use in city gas distribution (CGD) as well as power, fertilizer, and steel sectors. When natural gas is brought to the surface but cannot be processed soon enough, it is burned away, commonly called flaring. Flaring is done primarily when gas turns up as a by-product of crude oil extraction.

"The project would be a win-win situation for both the countries. Iraq would be able to optimally utilize the gas it generally flares up and earn revenue and India has also been looking at newer sources of gas at cheaper prices," said a second person. India is looking at diversifying its LNG import sources to curb market volatility.

After a gap of almost 10 years, the 18th India-Iraq joint commission meeting was held in New Delhi on 20 June, 2023. India had also reached out to Iraq at a government-to-government level as part of an outreach including the US, UAE, and Saudi Arabia for additional LNG cargoes at affordable prices.

Jaishankar: Buying oil from Russia stabilises global energy market

PIONEER NEWS SERVICE ■
NEW DELHI

External Affairs Minister S Jaishankar has defended procuring oil from Russia and said following the Ukraine conflict India's energy suppliers in the Middle-East gave priority to provide petroleum products to Europe that paid higher prices. New Delhi did not have any option but to procure Russian crude oil which in turn stabilised the global energy market, he asserted.

Jaishankar also said India has had a "stable" and "very friendly" relationship with Russia, and that Moscow never hurt New Delhi's interests.

Making these points in an interview to German economic daily Handelsblatt, Jaishankar also suggested that India was open to play the role of a mediator to end the Russia-Ukraine conflict if approached, but at the same time, said New Delhi does not believe that it should initiate anything in this direction on its own.

He asserted that just as India does not expect Europe to have a view of China that is identical to New Delhi's, Europe should understand that India cannot have a view of Russia that is identical to the European one.

The external affairs minister said India has had a "stable" and "very friendly" relationship with Russia, and that Moscow never hurt New Delhi's interests. "We, on the other hand, had a politically and militarily much more difficult relationship with China, for example," he said.

Jaishankar strongly justified India's procurement of Russian crude oil.

"When the fighting started in Ukraine, Europe shifted a large



part of its energy procurement to the Middle East -- until then the main supplier for India and other countries," he said. "What should we have done? In many cases, our Middle-East suppliers gave priority to Europe because Europe paid higher prices. Either we would have had no energy because everything would have gone to them. Or we would have ended up paying a lot more because you were paying more," he said. In a certain way, we stabilised the energy market that way, he added.

The external affairs minister's response came when asked about criticism in Europe against India that its procurement of Russian crude oil is detrimental to the effectiveness of the Western sanctions imposed on Moscow for its invasion of Ukraine.

He argued that if no one had bought the crude oil from Russia and everyone had procured it from the other countries, prices on the energy market would have shot up even further.

"Global inflation would have been much higher -- and that would have been a huge political issue in lower-income countries," he said.

"If Europe had wanted to maximize the damage at the time, it would have had to stop all economic relations with Russia completely. But it didn't," he said.

Russian crude traders come up with ways to sidestep US sanctions

S DINAKAR
Amritsar, 20 February

Russian traders are exploring options to circumvent US' secondary sanctions on Russian crude oil which aim to disrupt the burgeoning oil trade between India and Russia, according to officials from both countries and ship-tracking data. External Affairs Minister S Jaishankar, speaking in Munich this week, reaffirmed India's stand on buying Russian oil for energy security. Also, Oil Secretary Pankaj Jain told reporters in Goa that while Russian barrels are not sanctioned, India cannot purchase shipments delivered on vessels that have come under scrutiny. Indian refining officials told Business Standard that banks object to paying for cargoes delivered on sanctioned vessels.

Washington, Indian officials said, has exploited this vulnerability by targeting vessels supplying crude to India, forcing participants in the trade, such as shippers, insurers, and notably Indian banks with operations in Washington and dealing in US dollars, to reassess their operations to process Russian trade flows.

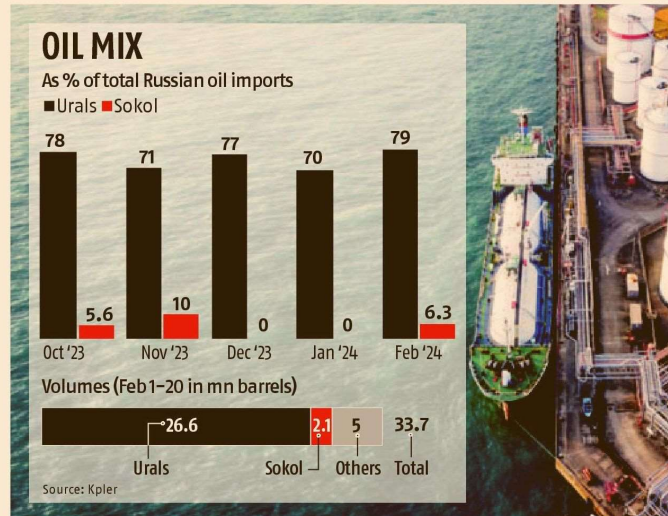
India is not the only country staring down Washington's sanction barrel. Mounting trade barriers are beginning to affect oil supplies and Russia's economic relations with Türkiye, the

United Arab Emirates, and to a lesser extent, China, according to industry officials.

"While the US has every interest in discouraging India-Russia bilateral trade ties, and will use the threat of secondary sanctions, it is not likely that the logic of ever-closer trade relations between the two BRICS partners can be thwarted by the Joe Biden administration easily," said Tilak Doshi, London-based energy expert.

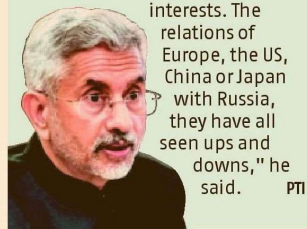
A Russian consulate official stated that Russian oil supplies to India will continue unhindered, and suppliers will devise ways to evade secondary sanctions.

The latest US sanctions target shipping companies. In late December, Dubai-based Sun Ship Management, a major shipper of major Russian grades like Urals and Sokol to India on over 50 vessels in the past year, was sanctioned. The Sun Ship fleet has special ice-class vessels, required to transport a light, sweet premium grade like Sokol from Sakhalin-1 project, subject to extreme weather conditions, and in which state-run explorer ONGC has a 20 per cent stake. Sokol, which is used by refiners to blend with comparatively heavier, higher sulphur Urals to make it more palatable in Indian refineries, constituted around 8 per cent of India's Russian crude purchases in 2023. Urals



RUSSIA NEVER HURT INDIA'S INTERESTS, SAYS JAISHANKAR

External Affairs Minister S Jaishankar in an interview to German economic daily *Handelsblatt* daily said every country conducts a relationship based on past experiences. "Russia has never hurt our



interests. The relations of Europe, the US, China or Japan with Russia, they have all seen ups and downs," he said. PTI

November but are a significant increase from none in December and January when 10 Sokol-laden vessels, most owned by Sun Ship, had to turn back en route to India following fresh US sanctions. None of the Sun Ship vessels are now directly delivering Sokol cargoes to India, according to refining officials. Sun Ship, Rosneft, and Indian Oil did not respond to queries.

"There are several STS (ship-to-ship) transfers happening," said Viktor Katona, an analyst for Kpler. "STS is not necessarily a violation of sanctions but might indicate one," he added.

STS transfers can also be an optimisation of routes for sanctioned vessels, Katona said, with clean drops to the destination.

For instance, Stealth Maritime-owned Jaguar delivered a Sokol parcel on February 5 at Vadinar after receiving the crude from a Sun Ship-owned ice-class tanker Viktor Titov at a ship-to-ship transfer point in Yeosu in South Korea, according to Kpler. Leah Shipping-owned Seagull discharged a Sokol cargo at Mumbai on February 13, after loading at Yeosu STS oil from the Sun Ship-owned Yuri Senkevich. Similarly, Rani, owned by Grand Maritime, delivered a Sokol cargo to Visakhapatnam this week, after receiving the cargo from Pavel Chernysh, another Sun Ship tanker.

make up over 70 per cent.

These secondary sanctions target ships carrying a variety of Russian crudes, led by higher-priced grades like Sokol and cheaper Urals.

Russian traders are now seeking ways to counter these sanctions, according to refining officials. One such method adopted by Rosneft to supply

the Sokol grade, which may also be used to ship Urals, is the use of non-sanctioned carriers for the final leg of the journey to Indian ports. Two Mumbai-based refining officials stated that banks typically examine the ship that discharges the cargoes at the Indian port and do not investigate all the ships that transported the fuel from Russia.

Rosneft managed to send three Sokol cargoes totaling 2.1 million barrels of oil this month to be discharged at Vadinar, Mumbai, and Visakhapatnam ports; two more may be delivered at the end of February at Visakhapatnam and Jamnagar.

Volumes still lag the 5 million barrels of Sokol received by Indian Oil in

Sakhalin-I fund: OVL looks to transfer \$600mn in roubles

Sanjay.Dutta@timesgroup.com

New Delhi: ONGC Videsh (OVL) is moving to transfer about \$600 million in roubles to Russia as its contribution in 'abandonment fund' for securing abandoned wells in the Sakhalin-I oil project, meeting a condition for registering its 20% stake with the new operator appointed by Moscow after ExxonMobil's exit in 2022.

"We expect to make the transfer in a month or two. Rouble payment is the most viable option due to Western sanctions and banking restrictions on Russia as well as Moscow's counter-sanctions. We can buy rouble and also use dividend of more than 16 billion roubles from Vankorneft project stuck in Russia," a person aware of the discussions said.

OVL received its share of the abandonment fund, last estimated at \$2 billion, from foreign-party administrator JP Morgan on April 6, 2023 but could not transfer it to Russia due to banking challenges. Transferring the fund was a key condition for formalising ONGC Videsh's stake in the project under the new entity formed after ExxonMobil's exit.

Moscow had seized the Sakhalin-I project in Oct 2022 after ExxonMobil's exit due to Western sanctions, following Russia's invasion of Ukraine in Feb that year. The rights of investors in the venture were transferred to Rosneft subsidiary Sakhalinmaorneftegaz-shelf and companies were asked to apply for equity afresh. ONGC Videsh's stake was restored in Dec 2022 conditionally. The abandonment fund is built with revenue contribution in proportion to equity held by each member of the consortium.

The NDA approach to PSUs

The Modi govt's equity contribution to public sector units has risen even as their capacity to generate resources has taken a hit

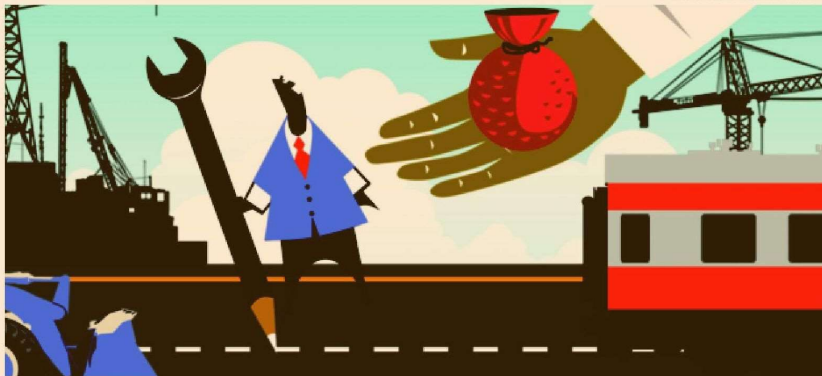


ILLUSTRATION: BINAY SINHA

Every year, through the Union Budget, the Centre releases data on investments made by public sector undertakings (PSU) and the resources generated or mobilised by them. For instance, this month's Interim Budget shows that capital investments to be made by as many as 169 PSUs (including the Indian Railways) in the current year are estimated at ₹8.4 trillion, up 15 per cent over such expenditure in 2022-23. Ten years ago, there were 147 such entities, whose capital outlays in 2013-14 were estimated at ₹3.32 trillion.

If you look at these numbers from a broader perspective, you will get a better sense of the PSUs' performance regarding their capital investments, the extent of the financial support they received from the Centre and the state of their capacity to generate resources on their own. And that exercise should impart a fresh understanding of those trends if you compare such PSU investments made in the 10-year period of the Manmohan Singh government with those made during the subsequent 10 years when Prime Minister Narendra Modi was at the helm in New Delhi.

So, what does such a decadal comparison show? On capital outlays by PSUs, the Modi government has done well. Such investments during the 10 years between 2014-15 and 2023-24 (at ₹65.71 trillion) rose more than three times over those made in the 10-year period between 2004-05 and 2013-14 (at ₹19.92 trillion).

But this will appear to be a relatively small increase when you compare them as a per cent of the total size of the Centre's Budget or even of India's gross domestic product (GDP). PSUs' capital outlays during the Manmohan Singh era were 20.58 per

cent of the total Budget expenditure and they rose to 23 per cent during 2014-24. Similarly, PSUs' capital outlays as a percentage of GDP moved up marginally from 3.05 per cent to 3.32 per cent in the same period.

The big change was with respect to the government's contribution to the equity of these PSUs, which during the Modi era rose over six times to ₹19.93 trillion, compared to ₹3.15 trillion in the Manmohan Singh years. Their share in both GDP and government Budget expenditure more than doubled to 1 per cent and 7 per cent, respectively.



RAISINA HILL

A K BHATTACHARYA

Equally significant was the change with respect to PSUs' internal resources generation and their ability to rustle up other resources. During the Manmohan Singh years, internal resources raised by PSUs were estimated at ₹9.67 trillion (or 10 per cent of the Union Budget expenditure and 1.5 per cent of GDP).

During the 10-year period that followed, PSUs' internal resources rose by only 84 per cent to ₹17.8 trillion. And their share in Budget expenditure and GDP fell to 6.25 per cent and 0.9 per cent, respectively.

A broadly similar trend continued even for PSUs' total resources generated for their investments, even though the reliance on bonds and external commercial borrowing increased during the Modi years. Total resources earmarked for investments by PSUs rose from ₹17.45 trillion in 2004-14 to ₹41.38 trillion in 2014-24. However, their share in Budget expenditure and GDP fell from 18 per cent and 2.67 per cent, respectively, to 14.5 per cent and 2.09 per cent.

What are the key takeaways? The Modi government has contributed significantly higher amounts for equity infusion into PSUs compared to the Manmohan Singh government in a similar period

of 10 years. This is contrary to the general perception of how the two governments dealt with the public sector. The United Progressive Alliance (UPA) was seen as more friendly towards PSUs, providing them more financial support and, at the same time, remaining ambivalent towards sale of government stakes in many state-owned enterprises. In contrast, the National Democratic Alliance (NDA) was seen to be focused more on disinvestment and privatisation, while refraining from providing any special financial support to PSUs.

The reality is quite different. The share of government equity for PSUs in the total public sector capital outlay was 15.8 per cent during the Manmohan Singh years, but it almost doubled to 30.33 per cent during the 10 years of Narendra Modi. In the last two decades, just about four key sectors — Indian Railways, public-sector bank recapitalisation, National Highway Authority of India (NHAI) and Air India — accounted for almost 80-90 per cent of total equity provided by the government.

Interestingly, public sector bank recapitalisation accounted for a significant chunk of total equity infused by the governments in this period. Such capital infusion accounted for almost 14 per cent of the total PSUs' equity in the 2004-14 period and about 17 per cent in the subsequent 10 years. The difference in the Modi government years was that this period saw a sharper increase in equity infusion into infrastructure-sector entities like the Indian Railways, NHAI and Bharat Sanchar Nigam Limited. In other words, the sharp rise in the government's capital expenditure in the post-Covid years resulted in higher equity infusion into state-owned entities operating in the infrastructure sector.

A worrying trend has been the steady decline in the pace of internal resources generation by PSUs in the last 10 years. Even as their recourse to bonds and external commercial borrowing has increased, the rise in the amount of internal resources mobilised by PSUs to fund their investment plans has begun to slow from 2014 onwards.

The dichotomy is too stark to be ignored. The Modi government so far has contributed more to PSU equity than in the previous 10 years, but the resources generated by PSUs for their own investment plans have ceased to grow at the same pace. And this at a time when the Modi government has seen a trebling of disinvestment receipts during the 2014-24 period, compared to the ₹1.6 trillion mobilised through equity sale by the Manmohan Singh government between 2004 and 2014. Of course, as a percentage of GDP, both the government's disinvestment receipts during these two decades remained the same at around 0.25 per cent each. But it is time to recognise the Modi government's approach to PSUs. It has spent more to infuse equity in PSUs even as the internal resources generation capacity of these entities has failed to show any significant improvement.

It is time reforming the PSU managements and revamping their ownership pattern through appropriate methods received the government's utmost priority.

केयर्न 5 साल में करेगी दोगुना निवेश

उत्खनन परियोजनाओं के विस्तार पर हर साल 1 अरब डॉलर पूंजीगत खर्च करेगी कंपनी

शुभायन चक्रवर्ती
नई दिल्ली, 20 फरवरी

केयर्न ऑयल ऐंड गैस अगले 5 साल तक हर साल करीब 1 अरब डॉलर का पूंजीगत निवेश करेगी। कंपनी अपनी 12 प्रमुख परियोजनाओं में उत्खनन के विस्तार पर ध्यान दे रही है और ज्यादातर पूंजी इस पर निवेश की जाएगी। हाल में संपन्न इंडिया एनर्जी वीक के दौरान केयर्न ऑयल ऐंड गैस के अधिकारियों ने बिजनेस स्टैंडर्ड के साथ बातचीत में कहा था कि कंपनी पिछले 2-3 साल में सालाना 50 करोड़ डॉलर का पूंजीगत निवेश कर रही है, ऐसे में वह अब अपना निवेश दोगुना करने जा रही है।

केयर्न ऑयल ऐंड गैस के मुख्य वित्त अधिकारी हितेश वैद ने कहा, 'पिछले 3-4 साल में हमने हर साल कम से कम 50 करोड़ डॉलर का निवेश किया है। मगर 2-3 साल में हमने उत्खनन में ज्यादा कुछ नहीं किया है। अब हमारे पास काफी कुएं हैं, ऐसे में साल भर में 1 अरब डॉलर का निवेश ज्यादा नहीं है।'

वैद ने कहा कि कंपनी का सालाना पूंजीगत खर्च 2024 के अंत तक इस स्तर तक पहुंच सकता है। उन्होंने कहा कि केयर्न ने पहले भी इस स्तर का निवेश किया है। कंपनी निजी क्षेत्र की भारत की सबसे बड़ी तेल एवं गैस उत्पादक है और

बड़े निवेश की तैयारी में केयर्न



<p>■ वित्त वर्ष 2025 में भंडार तथा उत्पादन बढ़ाने के लिए 12 परियोजनाओं पर काम चालू करेगी केयर्न</p>	<p>■ पिछले 2-3 साल से कंपनी सालाना 50 करोड़ डॉलर कर रही थी निवेश</p>	<p>■ राजस्थान के मंगला बाड़मेर, शक्ति तेल क्षेत्र पर कंपनी का ध्यान</p>
<p>■ असम, अरुणाचल प्रदेश और नगालैंड जैसे पूर्वोत्तर राज्यों में 4 ब्लॉकों में उत्खनन शुरू करने की तैयारी</p>		

घरेलू कच्चे तेल के उत्पादन में इसकी हिस्सेदारी 25 फीसदी है।

केयर्न ऑयल ऐंड गैस के उन मुख्य कार्याधिकारी स्टीव मूर ने कहा कि वित्त वर्ष 2025 में कंपनी देश भर में 12 परियोजनाएं शुरू करेगी और अपने भंडार तथा उत्पादन दोनों को बढ़ाएगी। इनमें

राजस्थान में कामेश्वरी डीप और मंगला बाड़मेर हिल तेल क्षेत्र तथा शक्ति तेल क्षेत्र शामिल है। मूर ने कहा, 'इसमें कुछ अनिश्चितताएं भी जुड़ी हैं मगर इन 12 परियोजनाओं से करीब 50,000 बैरल प्रतिदिन उत्पादन की उम्मीद है।'

मूर ने कहा, 'हमारे पास ढेर सारी

संपत्तियां हैं। हमें इनका लाभ उठाना है। लेकिन कंपनी के पास कई छोटे तेल-गैस क्षेत्र भी हैं। मगर इनका अभी पूरा मूल्यांकन नहीं किया गया है।'

मूर ने कहा कि कंपनी कामेश्वरी डीप फील्ड से शेल गैस निकालने की उम्मीद कर रही है। उन्होंने कहा कि ऐसा हुआ तो हम 20 साल के लिए प्रतिदिन 25 से 30 करोड़ स्टैंडर्ड घन फुट गैस का उत्पादन कर सकते हैं। यह काफी बड़ा क्षेत्र है। अगर इसमें उत्तर अमेरिकी तकनीक का उपयोग करते हैं तो हम वाणिज्यिक दरों पर उत्पादन करने में सक्षम हो सकते हैं। मूर ने कहा, 'यह क्षेत्र रुख बदलने वाला हो सकता है मगर इसमें अनिश्चितता भी जुड़ी है।'

इस बीच शक्ति इलाके में 4 से 5 क्षेत्र हैं जिनमें से प्रत्येक में 4 करोड़ बैरल तेल होने का अनुमान है। यहां से कंपनी तापीय तकनीक का उपयोग कर वाणिज्यिक स्तर पर प्रतिदिन 3,000 से 4,000 बैरल तेल निकाल सकती है।

केयर्न 41 खोजे गए ब्लॉकों के साथ भारत में सबसे बड़ी उत्खनन परियोजना चला रही है। पिछले हफ्ते बिजनेस स्टैंडर्ड ने खबर प्रकाशित की थी कि केयर्न अगले महीने असम में अपने 4 ब्लॉकों की खुदाई शुरू करेगी। कंपनी सभी 4 हाइड्रोकार्बन ब्लॉकों में 10 कुएं खोदेगी। यह क्षेत्र असम-अरुणाचल और असम-नगालैंड सीमा पर स्थित है।

गैस रिसाव से मचा हड़कंप



पश्चिमी दिल्ली, (पंजाब केसरी): उत्तर-पश्चिम जिला के मॉडल टाउन इलाके में मंगलवार सुबह इंद्रप्रस्थ गैस लिमिटेड (आईजीएल) की हाई प्रेशर पाइप लाइन से गैस रिसाव होने से इलाके में हड़कंप मच गया। लोगों ने तुरंत पुलिस और दमकल विभाग को सूचना दी। मौके पर पहुंची पुलिस ने एहतियात के तौर पर एरिया की घेराबंदी कर दी। आईजीएल के अधिकारियों को भी घटना की सूचना दी गई। आईजीएल की टीम तकनीशियनों के साथ मौके पर पहुंच गई। पुलिस व दमकल कर्मियों की मौजूदगी में आईजीएल की टीम ने समय रहते पाइप लाइन की मरम्मत कर उसे ठीक कर लिया। सूत्रों का कहना है कि गैस रिसाव होने पर उसमें आग

या धमाका होने की संभावना थी। पुलिस के मुताबिक मंगलवार सुबह 11.59 बजे मॉडल टाउन एरिया में फॉर्च्यून मॉल, जीटीके रोड पर आईजीएल की पाइपलाइन रिसाव की सूचना मिली थी। सूचना मिलते ही मॉडल टाउन थाने का स्टाफ मौके पर पहुंच गया। बाद में आईजीएल की टीम ने मौके पर पहुंची और लाइन की मरम्मत कर उसे समय रहते ठीक कर लिया गया। जांच के दौरान पुलिस को पता चला कि जीटीके रोड पर फ्लाइंगओवर का निर्माण कर रही निजी कंपनी को नियमित जांच के दौरान पाइप लाइन में रिसाव का पता चला। पाइप लाइन किसी तरह पंचर हो गई थी। जिसके बाद पुलिस को सूचना दी गई।



पाइप लाइन में गैस रिसाव से अफरा-तफरी

नई दिल्ली। मॉडल टाउन इलाके में मंगलवार सुबह इंद्रप्रस्थ गैस लिमिटेड की पाइप लाइन में रिसाव के बाद अफरा-तफरी मच गई। बताया जाता है अचानक रिसाव के बाद गैस प्रेशर के साथ पाइप से निकलने लगी। सूचना पाकर मौके पर पहुंची पुलिस ने पूरे इलाके की घेरावदी कर मामले की सूचना दमकल विभाग और आईजीएल के अधिकारियों को दे दी। सूचना पाकर पहुंचे आईजीएल की टीम के तकनीशियनों ने पाइप लाइन की समय पर मरम्मत की। पुलिस का कहना है कि पाइप लाइन से गैस रिसाव होने पर उसमें आग या धमाका होने की संभावना थी, लेकिन समय पर सब होने की वजह से हादसा टल गया।

पाइप लाइन से गैस रिसाव होने से मचा हड़कंप

हरिभूमि न्यूज ►► नई दिल्ली

मॉडल टाउन इलाके में मंगलवार को आईजीएल पाइप लाइन के पंचर होने पर गैस रिसाव से इलाके में हड़कंप मच गया। गनीमत ये रही कि समय रहते पाइप लाइन को रिपेयर कर दिया गया, जिस कारण बड़ा हादसा टल गया। पुलिस के मुताबिक सुबह 11 बजकर 59 मिनट पर फॉर्च्यून मॉल, जीटी करनाल रोड के पास गैस पाइप लाइन रिसाव के संबंध में पीसीआर कॉल मिली थी। सूचना मिलते ही मॉडल टाउन थाने का स्टाफ मौके पर पहुंच गया।

पुलिस का कहना है कि जीटी करनाल रोड पर लालबाग के पास अर्थमूवर मशीन से एसएएम कंपनी फ्लाईओवर निर्माण के लिये खुदाई का काम कर रही थी, जिससे वहां से गुजर रही आईजीएल की मुख्य पाइपलाइन

फट गई। इससे करीब 15 मिनट तक पाइपलाइन से गैस लीकेज होने के कारण आसपास के दुकानदारों में भगदड़ मच गई। गैस के कारण सभी अपनी दुकान बंद करके भागने लगे। कुछ देर के लिए सड़क से वाहनों की आवाजाही भी बंद हो गई। गैस इतने प्रेशर से बाहर आ रहा था कि इसकी आवाज दूर तक सुनाई दे रही थी। पाइप फटते ही अर्थमूवर चालक मौके से वाहन लेकर भाग निकले। इसकी सूचना तुरंत आईजीएल कर्मचारियों को दी। उन्होंने तुरंत गैस की सप्लाई बंद कर दी। इसके बाद मौके पर पहुंचे आईजीएल कर्मचारी पाइपलाइन की मरम्मत में जुट गये। आसपास के घरों में गैस की सप्लाई बंद होने से लोगों को खाना बनाने में परेशानी आई। कुछ ही देर में टैक्नीशियन मौके पर पहुंचे और पाइपलाइन की मरम्मत कर दी गई।

बजाज हिन्दुस्थान शुगर और एवरएनवायरो ने कंप्रेसड बायोगैस का उत्पादन करने के लिए हाथ मिलाया

एजेंसी ■ मंबई

बजाज हिन्दुस्थान शुगर लिमिटेड (बजाज शुगर) और एवरएनवायरो प्राइवेट लिमिटेड ने उत्तर प्रदेश में सीबीजी (कंप्रेसड बायोगैस) संयंत्र स्थापित करने के लिए हाथ मिलाया है। बजाज हिन्दुस्थान शुगर वर्तमान में अपनी 14 चीनी मिलों से लगभग 500,000 मीट्रिक टन वार्षिक प्रेस-मड का उत्पादन करता है, जो कि संभावित रूप से प्रति दिन 70 मीट्रिक टन की कुल क्षमता के साथ सीबीजी संयंत्र स्थापित करने में मदद कर सकता है। बजाज शुगर एशिया में सबसे बड़ा चीनी उत्पादक है और साथ ही वैश्विक स्तर पर इसकी पैराई क्षमता सबसे बड़ी मिलों में से एक है। बजाज समूह के अध्यक्ष कुशाग्र बजाज के कार्यालय से प्राप्त जानकारी के अनुसार, बजाज समूह 90 वर्षों से अधिक समय से व्यवसाय में है



और राष्ट्र निर्माण के कार्यों में हमेशा अग्रणी रहा है। भारत सरकार और उत्तर प्रदेश सरकार जीवाश्म ईंधन पर निर्भरता कम करने के उद्देश्य के अनुरूप सीबीजी संयंत्रों की स्थापना और कंप्रेसड बायोगैस उत्पादन को प्रोत्साहित कर रही है। सीबीजी विभिन्न अपशिष्ट धाराओं से प्राप्त होने वाला एक अधिक पर्यावरण- अनुकूल ईंधन है और यह हर्ष की बात है कि बजाज समूह अपनी चीनी मिलों से निकलने वाली अपशिष्ट धारा प्रेस-मड का उपयोग कर इथेनॉल के अलावा एक और हरित ऊर्जा का उत्पादन करने जा रहा है।

माडल टाउन के पास आइजीएल गैस लाइन में रिसाव से अफरा-तफरी

जागरण संवाददाता, बाहरी दिल्ली : माडल टाउन थाना क्षेत्र में जीटी करनाल रोड पर मंगलवार दोपहर 12 बजे खोदाई के दौरान आइजीएल गैस पाइप लाइन क्षतिग्रस्त होने से काफी तेजी से गैस का रिसाव होने लगा। इससे आसपास के दुकानदारों में अफरा-तफरी मच गई। सभी दुकानदार वहां से भागने लगे। वहीं, कुछ देर के लिए सड़क भी सुनसान हो गई। सूचना मिलते ही आइजीएल कर्मचारियों ने समय रहते पाइपलाइन में तुरंत गैस की सप्लाई बंद कर दी। इससे बड़ा हादसा होने से टल गया। इस दौरान पुलिस के कई अधिकारी भी मौके पर पहुंच गए। पुलिस के अनुसार यहां फ्लाइंगओवर के निर्माण के पास एक निर्माण कंपनी की ओर से सड़क के नीचे से जा रही गैस पाइपलाइन की स्थिति का पता लगाया जा रहा था। तभी पाइप लाइन लीकेज हो गई। कुछ देर में कर्मचारी ने पाइपलाइन में गैस सप्लाई बंद कर दी।

जीटी करनाल रोड पर लालबाग के पास अर्थमूवर मशीन से खोदाई का काम किया जा रहा था। इससे सड़क के नीचे से गुजर रही आइजीएल की मुख्य पाइपलाइन फट गई। 15 मिनट तक पाइपलाइन से गैस लीकेज होने के कारण आसपास के दुकानदारों में अफरा-तफरी मच गई। सभी अपनी-अपनी दुकानों का शटर नीचे कर भागने



जीटी करनाल रोड पर लाल बाग के पास रोड की खोदाई कार्य के कारण फटी आइजीएल पाइप लाइन के मरम्मत कार्य में जुटे कर्मचारी

लगे। कुछ देर के लिए सड़क से वाहनों की आवाजाही भी बंद हो गई। गैस इतना प्रेशर से बाहर आ रही थी कि इसकी आवाज दूर तक सुनाई दे रही थी। पाइप क्षतिग्रस्त होते ही अर्थ मूवर चालक मौके से वाहन लेकर भाग निकले। इसकी सूचना तुरंत आइजीएल कर्मचारियों को दी गई। उन्होंने तुरंत गैस की सप्लाई बंद कर दी, इसके बाद मौके पर पहुंचे आइजीएल कर्मचारी पाइपलाइन की मरम्मत में जुट गए। अर्थ मूवर मशीन से खोदाई के बाद क्षतिग्रस्त पाइपलाइन को सही किया जा सका।

चार घंटे तक गैस सप्लाई रही बंद :

स्थानीय लोगों ने बताया कि मुख्य पाइपलाइन होने की वजह से माडल टाउन के कुछ हिस्से में गैस की सप्लाई पूरी तरह से बंद हो गई। ऐसे में दोपहर का खाना तक लोग नहीं बना पाए। स्थानीय निवासी सुरेश ने बताया कि 12 बजे जैसे ही उनकी पत्नी रसोई में खाना बनाने गईं। गैस चूल्हा नहीं जला। पता चला कि आसपास के किसी घर में गैस की सप्लाई नहीं हो रही है। कंपनी के ग्राहक सेवा केंद्र पर जानकारी लेने पर पता चला कि पाइपलाइन क्षतिग्रस्त होने से सप्लाई बाधित है। ऐसे में हम सभी दोपहर का खाना होटल से लेकर आए।

● समय रहते पाइपलाइन में गैस के बहाव को किया बंद, बड़ा हादसा होने से टला

● दुकानों से बाहर की ओर भागे लोग, कुछ देर के लिए सूनी हो गई सड़क

यहां रेहड़ी पर पराठे बेवता हूं। सामने रोड पर अर्थमूवर से खोदाई का काम चल रहा था। अचानक गड़ढे से मिट्टी उड़ने के साथ गैस निकलने लगी। तुरंत गैस बंद कर यहां से दूर भाग गया।



-उपेंद्र दास

पास में ही पूरी-सब्जी की दुकान चलाता हूं। सामने रोड जैसे ही गैस रिसाव होने की जानकारी मिली। यहां मौजूद सभी लोग भागने लगे। गनीमत रही कि कोई बड़ा हादसा नहीं हुआ।



-सुरेश



यहां एक दुकान पर कुछ सामान लेने के लिए आया था। तभी देखा कि सभी इधर-उधर भाग रहे हैं। मैं भी उन लोगों के पीछे भागने लगा। पता चला कि यहां गैस लाइन में लीकेज हो गई है। -संत राम



हाईवेयर की दुकान पर काम करता हूं। सामने तेज आवाज के साथ रोड पर मिट्टी उड़ने लगी। अर्थमूवर चालक काफी तेजी से वाहन लेकर भागा। तभी हम भी यहां से पीछे की तरफ निकल गए। -नितिन



मॉडल टाउन इलाके में पाइप लाइन फटी, गैस रिसाव होने से मचा हड़कंप

नई दिल्ली | मॉडल टाउन इलाके में मंगलवार दिन में आईजीएल पाइप लाइन फटने से गैस का रिसाव हो गया। इस वजह से एरिया में हड़कंप मच गया। गनीमत ये रही समय रहते पाइप लाइन रिपेयर कर दी गई, जिससे बड़ा हादसा टल गया। पुलिस के मुताबिक, मंगलवार सुबह 11:59 बजे फॉर्च्यून मॉल, जीटीके रोड के पास गैस पाइपलाइन रिसाव के संबंध में पीसीआर कॉल मिली। मॉडल टाउन थाने का स्टाफ मौके पर पहुंचा। घटना के बारे में आईजीएल अधिकारियों को सूचना दी गई, जिसके बाद तकनीशियनों ने जल्द पाइपलाइन की मरम्मत कर दी।