

## ANGVA2U Info 14/2020 4<sup>th</sup> August 2020 (for ANGVA members only)

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### 1.0 Selected News / Articles

#### 1.1 India

#### **CNG vehicles up 9% in Mumbai region in a year, most are cars and autos**

4<sup>th</sup> August 2020. [www.energyinfrapost.com](http://www.energyinfrapost.com)



We are approaching a situation where two out of every 10 vehicles run on CNG, the green fuel. There was a 9% rise in CNG vehicles in Mumbai region in 2019-20 as compared to 2018-19, latest statistics released by Mahanagar Gas Limited (MGL) show. The total number of vehicles registered in 2019-20 was 7.52 lakh as against 6.9 lakh in the same period last year — an increase of 62,000.

A look at the data between 2016-17 to 2019-20 shows that the number of vehicles in the Mumbai metro region has gone up by 2.10 lakh over four years. Of these, the fourth year alone (2019-20) has seen a growth of more than 60,000 vehicles — a welcome development at a time when the economy has not witnessed a very robust growth but has seen quality of air improve.

**Source:** <https://www.energyinfrapost.com/cng-vehicles-up-9-in-mumbai-region-in-a-year-most-are-cars-and-autos/>

#### 1.2 India

#### **CNG price hiked in Mumbai by Rs 1 per kg; auto, taxi and buses to be hit**

25<sup>th</sup> July 2020. IANS. .

**On April 5, MGL had slashed the prices of both CNG and PNG, by Rs 2 and Re 1 per kg, respectively.**



*The revised selling price all-inclusive of CNG in Mumbai and surroundings will now be Rs 48.95 per kg from Saturday.*

Mumbai: The Mahanagar Gas Ltd (MGL) on Friday announced a hike of Re 1 per kg in the price of CNG used by public and private vehicles, with

effect from midnight.

Accordingly, the revised selling price all-inclusive of CNG in Mumbai and surroundings will now be Rs 48.95 per kg from Saturday.

The reasons cited for the hike are to partially recover fixed costs in the face of lower sales volumes due to the Covid-19 pandemic and higher gas cost due to depreciation of the rupee versus the dollar, said the MGL.

However, thousands of domestic users of PNG have been spared any hike this time.

In April 5, MGL had slashed the prices of both CNG and PNG, by Rs 2 and Re 1 per kg, respectively, as the government had reduced the rate of domestically produced natural gas, at the height of the pandemic lockdown.

Even after the latest revision, the MGL said its CNG offers attractive savings of about 60 per cent and 39 per cent, as compared to petrol and diesel, respectively, at the current fuel price levels in Mumbai.

*Source:* <https://auto.economictimes.indiatimes.com/news/industry/cng-price-hiked-in-mumbai-by-rs-1-per-kg-auto-taxi-and-buses-to-be-hit/77164056>

### **1.3 Egypt**

#### **Egypt's Petroleum Ministry: NGVs halve fuel costs**

1<sup>st</sup> August 2020. By MENA

CAIRO, Aug 1 (MENA) - The Petroleum Ministry said that converting petrol-fuelled cars to run on natural gas reduces fuel costs by nearly 50%.

According to a report issued by the Petroleum Ministry, the time needed to convert existing gasoline-powered vehicles to natural gas vehicles (NGVs) is from two to four hours depending on the car model.

The report, titled "Compressed natural gas (CNG)..the best for all types of vehicles," said that the new vehicle conversion systems aims at turning cars with different fuel tank capacity to run on CNG helps improving the car engine efficiency and increasing the car horsepower capacity.

The report includes a guideline for citizens wishing to convert their cars to work with natural gas within the framework of implementing the State's ambitious plan to expand the use of natural gas as a fuel for cars.

The plan is supported by President Abdel Fattah El Sisi and the government to maximize the natural gas added value.

*Source:* <https://www.egypttoday.com/Article/3/90287/Egypt-s-Petroleum-Ministry-NGVs-halve-fuel-costs>

## 1.4 Spain

### **Enagás gets EU support to develop 16 natural gas, hydrogen stations**

14<sup>th</sup> July 2020.

**The company is coordinating the ECO-net Project, which aims to contribute to transport decarbonisation by introducing LNG, biogas and green hydrogen as fuels.**

The European Commission will support the development of 15 refuelling stations for LNG vehicles and one for hydrogen as part of the “ECO-net” Project, coordinated by Enagás. Scale Gas, a start-up established through EnagásEmprende, the Enagás corporate venturing programme, will develop the projects.

The project has an overall budget of 13 million euros and includes the construction of alternative fuelling stations for heavy vehicles and cars within a period of up to three years. These supply points, 15 LNG and one hydrogen - the first in Spain at 700 bar pressure - will part of the Spanish corridors of the Trans-European Transport Network.

In addition to financial support from the European Commission, the project has a loan from the Instituto de Crédito Oficial (ICO) covering approximately 50% of the project, with Enagás contributing the remaining amount from its own resources.

*Source:* <https://www.petroplaza.com/news/25118>

## 1.5 Canada

### **BC Transit to put first 25 medium-duty CNG buses into service in Victoria**

27<sup>th</sup> July 2020. Mischa Wanek-Libman

The 30-foot buses are part of 99 new CNG vehicles BC Transit expects to enter service during 2020.



*BC Transit*

BC Transit will place 25 new medium-duty compressed natural gas (CNG) buses into service on the Victoria Regional Transit System in the coming weeks. The new CNG buses are part of a larger 99 CNG bus rollout BC Transit is planning throughout 2020 and include heavy-duty buses that were first activated in Victoria in late February.

The new 30-foot, medium-duty Grande West Vicinity bus can carry up to 24 seated passengers and 20 standing passengers. Each new bus is equipped with a bike rack which accommodates three-inch tires, white LED destination sign and full driver door designed to protect the health and safety of drivers and passengers.

“I am proud to welcome the first of our CNG medium-duty buses — a key step in our low carbon fleet program. As we transition to a zero-emission fleet by 2040, these buses are greener and will reduce the overall environmental impact, while ensuring we have the right size fleet in each community to match capacity to demand,” said BC Transit President and CEO Erinn Pinkerton.

Both the heavy-duty and medium-duty CNG buses are part of BC Transit's Low Carbon Fleet Program to support provincial targets for greenhouse gas emissions and align with the provincial CleanBC plan.

“Encouraging people to leave their cars at home and get on the bus will help us all lower our carbon footprint and achieve our CleanBC goals. And BC Transit adding CNG buses to its fleet will further help us reach a green and low carbon future”, said British Columbia Minister of Transportation and Infrastructure Claire Trevena.

The benefits of CNG technology are both environmental and economic, with reductions in tailpipe emissions and operational costs. FortisBC supplies natural gas for BC Transit's CNG fleets, while the CNG fueling station, located at the Langford operations and maintenance facility, is maintained by Clean Energy.

“Public transit is already the greener choice for people moving throughout Victoria. Replacing buses in the fleet that are older and less efficient with CNG buses can only encourage more people to do their part for the environment by getting on board,” said Chair of the Victoria Regional Transit Commission Susan Brice.

Each medium-duty CNG bus is approximately C\$455,000 (US\$339,634), which is being funded through the Investing in Canada Infrastructure Program (ICIP), with the government of Canada and the province of British Columbia each contributing 40 percent of the cost. The Victoria Regional Transit Commission is funding the remaining 20 percent for these medium-duty CNG buses.

“Investing in modern and accessible public transportation systems is essential to building inclusive and resilient communities. These new, fuel-efficient CNG buses for the Greater Victoria area will reduce harmful emissions and bus operating costs, support Canadian jobs and help us move forward on fighting climate change and creating well-connected sustainable communities across the country,” said Canadian Minister of Infrastructure and Communities Catherine McKenna.

*Source: <https://www.masstransitmag.com/bus/vehicles/gas-diesel-cng-lng/article/21147686/bc-transit-to-put-first-25-mediumduty-cng-buses-into-service-in-victoria>*

## 1.6 USA

### **Adopt-a-Port: Chevron funds bioCNG project to help fleets cut emissions**

8<sup>th</sup> July 2020.

Chevron announced is partnering with Clean Energy Fuels Corp. on Adopt-a-Port, an initiative that provides truck operators serving the ports of Los Angeles and Long Beach with cleaner, carbon-negative renewable natural gas to reduce emissions. Chevron will provide funding for Adopt-a-Port and supply biomethane to Clean Energy stations near the ports. Chevron's funding will allow truck operators to subsidize the cost of buying new biomethane-powered trucks. Clean Energy, meanwhile, will manage the program, including offering fueling services for qualified truck operators.

Truck operators participating in the program, which supports the ports' Clean Trucks Program and Clean Air Action Plan, agree to fuel up at the Clean Energy stations supplied with Chevron renewable natural gas. Truck operators and their import and export customers will help local communities by reducing smog-forming NOx emissions by 98% compared to diesel trucks while also eliminating climate pollutants.

“We are excited to be partnering with Clean Energy as we continue to innovate in the renewable, low-carbon fuel space,” said Mike Vomund, Chevron vice president of Americas Products – West. “Along with other recent investments, Adopt-a-Port further demonstrates Chevron’s commitment to increasing renewables in support of our business, continuing our overall aim to provide the affordable, reliable and ever-cleaner energy.”

“Switching trucks to fuel with renewable natural gas is vital to improving air quality and fighting climate change in our country’s largest port complex,” said Greg Roche, vice president, Clean Energy. “We’re proud to partner with Chevron on the Adopt-a-Port initiative that will put additional clean, carbon-negative trucks on the road and lessen the environmental impact on operations in the region.” *From: Clean EnergyFuels/Chevron*

*Source: <http://www.ngvjournal.com/s1-news/c4-stations/adopt-a-port-chevron-funds-initiative-to-cut-vehicle-emissions-with-biomethane/>*

## 1.7 Indonesia

### **Risco Energy, Chart in Indonesian LNG equipment deal**

21<sup>st</sup> July 2020. By Mirza Duran

**Singapore-based independent Risco Energy has teamed up with US LNG equipment maker Chart Industries to support the growing Indonesian gas-to-power sector.**



*Image: Risco Energy*

The duo signed the pact in the second quarter of this year. Under the deal, Chart will provide LNG equipment such as storage tanks, ISO containers, trailers, mobile equipment, and fueling stations.

Risco is an active gas infrastructure provider to PT Perta Gas Niaga, a unit of Indonesian state-owned energy firm Pertamina.

The two have cooperated since 2018 to supply gas infrastructure for the state power company’s PLN requirements.

These include locations in Kalimantan, Central and Eastern Indonesia.



Risco said in a statement the new deal comes as a response to Pertamina's and PLN plans to boost gas power across the island nation.

The company says Chart's equipment would allow it to meet the growing demand and offer distribution packages to its customers.

The firm plans to buy hundreds of Chart's logistic support tanks over the next two years. The purchase plans also include "large volumes" of ground storage tanks, it said.

Risco already operates LNG logistic facilities at Sambera in East Kalimantan and has previously conducted deliveries to Papua.

Sambera hosts a small-scale storage and regasification plant which receives fuel by trucks from Pertamina's Bontang LNG terminal.

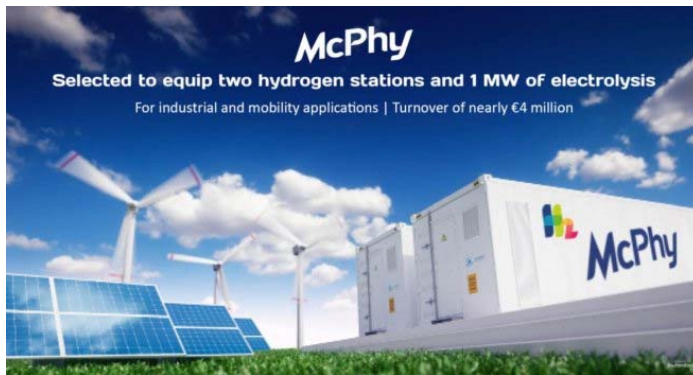
Risco delivered over 1 million mmbtu of LNG in ISO tanks to PLN in the first year of operations at Sambera, it said.

*Source: [https://www.offshore-energy.biz/risco-energy-chart-in-indonesian-lng-equipment-deal/?utm\\_source=lngworldnews&utm\\_medium=email&utm\\_campaign=newsletter\\_2020-07-22](https://www.offshore-energy.biz/risco-energy-chart-in-indonesian-lng-equipment-deal/?utm_source=lngworldnews&utm_medium=email&utm_campaign=newsletter_2020-07-22)*

## 1.8 France

### McPhy to equip two hydrogen stations and 1MW electrolysis

3<sup>rd</sup> August 2020. By Joanna Sampson



McPhy will design, manufacture and integrate a complete zero carbon hydrogen production and distribution chain including two hydrogen stations and 1MW of electrolysis in France.

One of the two hydrogen stations will offer a 'dual pressure' configuration (two distribution pressures: 350 and 700 bar), able to refuel all types of vehicles.

The McLyzer high-power electrolyser, able to produce more than 400kg of zero carbon hydrogen per day, representing a power of 1MW, will supply the McPhy hydrogen stations, but also industrial sites willing to decarbonise their processes.

*Source: <https://www.h2-view.com/story/mcphy-to-equip-two-hydrogen-stations-and-1mw-electrolysis/>*

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