ASIA PACIFIC NATURAL GAS VEHCLES ASSOCIATION (ANGVA)
Together we propagate and support the efficient utilization of low to net zero carbon fuels
for cleaner air and better life in the Asia Pacific Region

ANGVA2U Info *11/2021. 16th July 2021 (for ANGVA members only)*

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1.0 Selected News / Articles

1.1 Italy

Italy reaches 1.500 GNV filling stations

8th July 2021. Author: PetrolPlaza Correspondent Pablo Plaza

Following the inauguration of Snam4Mobility's first self-service distributor in Verona. Snam's 2020-2024 strategic plan envisages the development of 150 new gas refuelling stations.

© Snam4Mobility's LinkedIn

Italy's gas natural vehicle (GNV) filling infrastructure reached the 1.500-station milestone this week following the inauguration of Snam4Mobility's first self-service distributor in the country.

Located in Verona, Snam4Mobility's latest site will allow motorists to refuel compressed natural gas (CNG) and biomethane (Bio-CNG) in complete autonomy, 24 hours a day, according to a company's press release.

The distributor, managed by Goldengas, will only supply alternative and ecological fuels, including advanced biomethane from the Snam plant in Albairate, in the province of Milan, obtained from organic waste. Biomethane will be available at the station in the coming months.

CNG and biomethane already represent more than 25% of the gas used for transport in Italy, according to Andrea Ricci, Senior Vice President Filling Stations at Snam4Mobility.

A wholly-owned subsidiary of Snam, Snam4Mobility builds CNG and Bio-CNG distribution infrastructure for cars, and LNG and Bio-LNG and hydrogen distribution infrastructure for heavy transport. Snam's 2020-2024 strategic plan envisages the development of 150 new natural gas and biomethane refuelling stations and the launch of the first five hydrogen refuelling stations.

Source: *https://www.petrolplaza.com/news/27635*

1.2 India

India News | Fuel Rates Continue to Soar; CNG, PNG Prices Also Hiked in NCR

8th July 2021. Agency News ANI

Fuel prices continue to soar across India and touched a record high in the national capital as petrol price is retailing at Rs 100.56 per litre and diesel at Rs 89.62 per litre on Thursday.

Representative Image

New Delhi [India], July 8 (ANI): Fuel prices continue to soar across India and touched a record high in the national capital as petrol price is retailing at Rs 100.56 per litre and diesel at Rs 89.62 per litre on Thursday.

As compared to Wednesday, petrol has become costlier by 35 paise per litre and diesel by 9 paise per litre.

On July 5, Delhi Pradesh Congress Committee (DPCC) workers held a protest outside the residence of Chief Minister Arvind Kejriwal.

"Prices of gas cylinders, edible oil and fuel have risen. Neither LG nor CM listens to the misery of people," said DPCC President Anil Chaudha.

Other states have also witnessed an increase in the prices of petrol and diesel. Rates have been increased across the country and differ from state to state depending on the incidence of value-added tax.

The price of petrol was increased by Rs 39 paise per litre and diesel by 15 paise per litre in Kolkata. In Kolkata, petrol is now being sold at Rs 100.62 per litre and diesel prices and diesel at Rs 92.65 a litre today.

Earlier, TMC leader Partha Chatterjee had announced that sit-in protests will be staged against hike in fuel prices in every block and town of West Bengal on July 10 and July 11, following all COVID protocols.

The price of petrol in Madhya Pradesh's Bhopal have increased by 25 paise and it stands at Rs 108.88 per litre in the city. Meanwhile, the price of diesel in Bhopal remained unchanged and stands at Rs 98.40 per litre.

On Wednesday, Karnataka Congress held a protest on the issue of rising fuel prices. "Prices of petrol and diesel are above Rs 100, this is a gift of Modi government. The middle class, the poor and the industry is suffering," Congress MLA Rizwan Arshad had said.

Additionally, the Compressed natural gas (CNG) retail price in the national capital revised from Rs 43.40 per kg to Rs 44.30 per kg, while in Noida, Greater Noida and Ghaziabad it has revised from Rs 49.08 per kg to Rs 49.98 per kg with effect from July 8.

The Piped Natural Gas (PNG) domestic price to be Rs 29.66 per SCM and in Noida, Greater Noida and Ghaziabad are at Rs 29.61 per SCM. (ANI)

(This is an unedited and auto-generated story from Syndicated News feed, LatestLY Staff may not have modified or edited the content body)

Source: *https://www.latestly.com/agency-news/india-news-fuel-rates-continue-to-soar-cng-png-prices-also-hiked-in-ncr-2621287.html*

1.3 Vietnam

HCM City to reduce investment of BRT route, extend completion date to 2023

29th June 2021. Chia sẻ

HCM City authorities plan to reduce investment for the first bus rapid transit route (BRT No 1) by US$12.17 million (from $155.85 million to $143.68 million), with $123.6 million to be funded by World Bank loans and the rest from the city's State budget funds.

Buses that use compressed natural gas wait for departure time at Cho Lon Bus Station. Photo Hoang Hung

The city People's Committee has asked the Prime Minister to assign the Ministry of Finance to work with relevant agencies to speed up the procedures for adjusting the funding so that construction of the BRT route can start in September.

The city said the completion date for the BRT would be extended to 2023 due to funding adjustments made by the city government.

The ticket system of the BRT No 1 is based on smart cards and NFC mobile ticketing.

The 26-km BRT No 1 will run along Vo Van Kiet - Mai Chi Tho Highway across the Sai Gon River and connect with Hanoi Highway. The starting point is at An Lac roundabout (Binh Tan District) and the end point is at Rach Chiec Station in the new Thu Duc City.

The bus route will be extended to connect with the new Western Bus Station in Tan Kien Commune in Binh Chanh District when completed.

Buses will use compressed natural gas (CNG) and run at a speed of 40 km per hour on separate lanes. The buses are expected to reduce travel time by 30 per cent compared to regular buses.

The BRT carrying capacity will be double that of regular buses. There will be 28 stops, four stations and two transit stations along the BRT route.

There will be 42 buses with a capacity of 60-72 passengers, which will interchange with metro line No 1. This is one of six BRT routes planned by the HCM City government.

Traffic expert Pham Sanh said the BRT would use large buses and have its own lanes and priority signal system, which will help resolve traffic congestion.

The bus route will help users access the metro line when it opens, and will expand the use of public transport by city residents.

Approved by the Prime Minister in 2013, the BRT project, initially expected to be completed by 2019, has been delayed because of a lack of funds.

The 19.7km metro line No 1 between Ben Thanh Market in District 1 and Suoi Tien Theme Park in District 9 runs along the Hanoi Highway.

The $1.9 billion route is the first of planned eight metro lines in the city. It will have 14 stations, including three underground stations.

More than 80 per cent of the work has been completed. Originally, the city wanted the metro line No 1 to start commercial operation by the end of this year, but it has been postponed until next year due to the pandemic.

Source: *https://vietnamnet.vn/en/society/city-to-reduce-investment-of-brt-route-extend-completion-date-to-2023-751224.html*

1.4 Azerbaijan

Azerbaijan reduces natural gas tariffs for boiler houses in residential buildings

30th June 2021. (MENAFN - Trend News Agency)

BAKU, Azerbaijan: The natural gas tariff for Azeristiliktechizat OJSC, an Azerbaijani heating supply operator, and boiler houses of residential buildings has been reduced from 0.20 qepiks (0.11 cents) to 0.13 qepiks (0.07 cents) to ensure the sustainability of the natural gas heating system, as well as to optimize the costs of using the heating system for the citizens of the country, the Azerbaijani Tariff Council told Trend .

The natural gas tariff for gas filling stations will be reduced from 0.20 qepiks (0.11 cents) to 0.13 qepiks (0.07 cents) to stimulate the transition to environmentally friendly fuel and reduce the cost of public transport using compressed natural gas (CNG).

The tariffs were increased by five qepiks (0.02 cents) in other spheres (trade, services, etc.) as profitable activity is less dependent on natural gas tariffs.

The decision will come into force on July 1, 2021.

MENAFN30062021000187011040ID1102370221

Source: *https://menafn.com/1102370221/Azerbaijan-reduces-natural-gas-tariffs-for-boiler-houses-in-residential-buildings*

1.5 India

Country's First LNG Pump Opened In Nagpur, Union Minister Nitin Gadkari Inaugurated

13th July 2021.

Nagpur: The prices of conventional fuel petrol and diesel are skyrocketing in India. In such a situation, the government is very cautious about other fuel options. Recently, Union Minister for Road, Highways and Transport Nitin Gadkari inaugurated the country's first commercial Liquefied Natural Gas (LNG) Liquified Natural Gas (LNG) plant in Nagpur. In the inaugural function, Nitin Gadkari emphasized the importance of alternative biofuels in the energy sector.

The plant has been set up on an empty Road near Nagpur-Jabalpur Highway. On this occasion, Union Minister Nitin Gadkari said We are spending 8 lakh crore rupees for the import of petrol, diesel and petroleum products. We have formulated a policy that will encourage the use of indigenous Ethanol, Bio-CNG, LNG and Hydrogen fuels in the country as well as work on an alternative to imported fuel.

Increased use of alternative fuels like LNG, CNG or ethanol will provide relief from rising petrol prices. He described this alternative fuel as a revolutionary change for transportation.

Nitin Gadkari said, "That the use of ethanol as a vehicle fuel will help in saving Rs 20 per litre as compared to petrol. The economic benefits of LNG, he said that the data shows that the average cost of converting a conventional truck engine to LNG engine is Rs 10 lakh. Trucks travel about 98,000 km in a year. Thus, after converting to LNG, there will be a saving of Rs 11 lakh per vehicle in 9-10 months."

Addressing the media during the opening of the country's first LNG plant, the Transport Minister said that LNG is emerging as the most preferred fuel for long-distance transportation across the world. Many countries like the US, Canada and Brazil already have flex engines. He said that the price of the vehicle remains the same, be it petrol or a flex engine.

Source: *https://www.punekarnews.in/countrys-first-lng-pump-opened-in-nagpur-union-minister-nitin-gadkari-inaugurated/*

1.6 Indonesia

Govt promoting bio-CNG as LPG substitute

9th July 2021. Reporter: Sugiharto P, Suharto. Editor: Fardah Assegaf

Bio-CNG involves the purification of biogas by separating carbon dioxide (CO2) and carbon tetraoxide (CO4) and scrapping other imperitic gas components to produce methane having content above 95 percent

Illustration - A biogas-fueled power plant at Kasikan village Kampar district, Riau. (ANTARA FOTO/Rony Muharrman/nz)

Jakarta (ANTARA) - The Indonesian government is encouraging the conversion of biogas into bio-compressed natural gas (CNG) for use as a primary energy substitute for liquefied petroleum gas (LPG), a senior official has said.

"Bio-CNG involves the purification of biogas by separating carbon dioxide (CO2) and carbon tetraoxide (CO4) and scrapping other imperitic gas components to produce methane having content above 95 percent," director of bioenergy at the Mineral Resources and Energy Ministry, Andriah Feby Misna, said in a written statement released on Friday.

Before it is purified, biogas contains around 60 percent of methane as fuel, while the rest are compounds in the form of carbon dioxide, water vapor, and hydrogen sulfide, she informed.

Its purification to bio-CNG can maximize the methane content to 95 percent and lower carbon dioxide content, she explained.

Biomethane can be developed on a commercial scale as a non-electricity fuel for the transportation sector and as an energy substitute for the LPG used in industry, she said.

"The benefit is quite significant since Indonesia still imports LPG in large quantities. The sources of raw materials for the production of bio-CNG vary," she noted.

Palm oil waste could serve as raw material for biogas and biomethane generation, she added.

Source: *https://en.antaranews.com/news/178746/govt-promoting-bio-cng-as-lpg-substitute*

1.7 Finland

Keravan Energia, Q Power to produce synthetic methane at biogas plant

13th July 2021.

Keravan Energia and Q Power have joined forces to produce synthetic methane in connection with the Kerava biopower plant in Finland.

Synthetic methane is a carbon-neutral fuel that can be used in transport and energy production. It is produced from CO_2 recovered from the biogas plant's flue gases and hydrogen produced with carbon-neutral electricity.

In the spring, the two companies conducted a feasibility study to determine the potential of the project. Based on the preliminary study, the firms agreed to move towards an industrial production plant of 4-10 MW.

A 10 MW plant would reduce global warming emissions by 16,500 tons per year and the amount of energy it produces would cover the consumption of 250 heavy-duty combined vehicles.

Preparations for the production of synthetic methane will begin in September with a project to ensure the usability of the biogas power plant's flue gas. A feasibility study for an industrial-scale production plant will also be launched, during which aspects related to the technical and economic implementation of the plant will be clarified and materials influencing the final investment decision will be prepared.

The international market for synthetic fuels is expected to open up in the coming years, with rapidly tightening emission reduction targets and the completion of European regulation, said the firms. The Kerava plant project opens up 'numerous' new business opportunities.

The goal is to begin commercial production of synthetic methane by 2024.

"Keravan Energia is committed to reducing emissions through concrete and determined action," said Jussi Lehto, CEO of Keravan Energia.

"In the production of synthetic methane, we see opportunities to further reduce emissions from our own energy production, as well as a very interesting business opportunity in a changing market.

"The expertise of Q Power's team in the field of synthetic fuels is top-class, and we look forward to working together."

The synthetic methane produced will be used as a transport fuel and in Kerava's gas network. The thermal energy generated in the production will be utilised in the area's district heating network.

Eero Paunonen, CEO of Q Power, commented: "Mitigating climate change requires rapid emission reductions in all sectors of the economy.

"The role of synthetic methane based on renewable energy will be very central in many areas when effective emission reductions are implemented.

"I am excited about the opportunity to work with Keravan Energia, which has already shown its strength in the field of effective practical climate action. Now we are working with them to take this internationally significant project forward."

Source: *https://www.bioenergy-news.com/news/keravan-energia-q-power-to-produce-synthetic-methane-at-biogas-plant/*

1.8 Saudi Arabia

Saudi Arabia's 1st hydrogen fueling station

29th June 2021. By Xinhua.

Aramco and Air Products have recently inaugurated the first and only hydrogen fueling station in Saudi Arabia at Air Products' new Technology Center in the Dhahran Techno Valley Science Park.

Aramco, in the process of exploring the blue hydrogen market, has been cooperating with Toyota and Hyundai respectively to research and develop the hydrogen fueled vehicles. With water as their only emission and the ability to be fueled in five minutes, hydrogen fueled vehicles are expected to make significant contribution to a clean, secure and affordable energy future.

Photo taken on June 27, 2021 shows the first and only hydrogen fueling station in Saudi Arabia at the Air Products' Technology Center in the Dhahran Techno Valley Science Park in Dhahran, Saudi Arabia.(Photo: Xinhua)

Photo taken on June 27, 2021 shows the first hydrogen fueling station in Saudi Arabia at Air Products' Technology Center in the Dhahran Techno Valley Science Park in Dhahran, Saudi Arabia.(Photo: Xinhua)

A hydrogen powered Hyundai bus is refueling at the first hydrogen fueling station in Dhahran, Saudi Arabia, on June 27, 2021.(Photo: Xinhua)

A worker is fueling a hydrogen powered car with high-purity compressed hydrogen at the first hydrogen fueling station in Dhahran, Saudi Arabia, June 27, 2021.(Photo: Xinhua)

Source: *https://www.globaltimes.cn/page/202106/1227330.shtml*

1.9 Russia

GAZ group to supply hydrogen-powered EV to Germany

16th July 2021.

Vehicles will undergo the required tests and certification in Europe in the coming months

MOSCOW, July 15. /TASS/. Russian automobile producer GAZ Group will create electric vehicles equipped with hydrogen fuel cells based on the Gazel NEXT model for the German market, the company's press service says.

"The GAZ Group in cooperation with Elektrofahrzeuge Stuttgart (EFA-S) is implementing a project, with hydrogen-powered electric vehicles based on the Gazel NEXT model to be created and put into operation in Germany. It is planned that two hydrogen-powered vehicles based on Gazel NEXT will be handed over in the first half of 2022 to the road construction department of Esslingen district," the company said.

A range of commercial electric vehicles powered by traction batteries or fuel cells will be available to buyers.

The hydrogen-powered electric vehicle is created on Gazel NEXT chassis with full weight of 4.6 tonnes and a double cabin. Vehicles will be fitted with fuel cells, hydrogen storage and feed systems, traction batteries and electromotors.

Vehicles will undergo the required tests and certification in Europe in the coming months, the automobile manufacturer said.

Source: *https://tass.com/economy/1314457*

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