

ANGVA2U Info 09/2020 26th May2020 (for ANGVA members only)

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1.0 Selected News / Articles

1.1 Pakistan

Govt urged to lower CNG prices after petrol rates cut 23rd May 2020. Staff Report

PESHAWAR - While there has been reduction in the price of petrol, the price of CNG remains high, causing loss to the consumers although the prices of both petrol and gas have plummeted in the international market.

Speaking to The Nation, All Pakistan CNG Association Chairman Ghiyas Paracha said that they have requested OGRA to ensure the 40 percent cut in gas prices as witnessed in the international market.

He said petrol prices are decided every month but gas prices are reviewed twice a year -- in June and December.

"But this time in June, the review of gas price was delayed due to the coronavirus epidemic, this is why we have requested the government authorities to review the price and ensure the cut," Paracha added.

Despite steep fall in oil prices, the gas companies did not reduce prices in Pakistan to pass on the benefit to the consumers, thus earning billion of rupees daily despite knowing the fact that the CNG sector and consumers were badly hit by the lockdown. Thus, the main victims of the ongoing situation is the end consumer who have to pay high prices to the CNG stations while the gas companies are earning huge amounts as they continue to earn high amounts despite cut in fuel prices in the international market

Source: <u>https://nation.com.pk/23-May-2020/govt-urged-to-lower-cng-prices-after-petrol-rates-cut</u>

1.2 Iran

Govt. launches plan to expand dual-fuel fleet 25th May 2020.



TEHRAN – Deputy Director of National Iranian Oil Products Distribution Company (NIOPDC) says the government has started a program to turn public vehicles into dual-fuel cars, IRNA reported on Sunday.

According to Hamid Qasemi Deh-Cheshmeh, the program was started with converting 600 public pickup trucks.

"We expect that about 1000 public vehicles including pickup trucks and taxis to be converted every day [during the program]," Qasemi said.

The official mentioned a website that has been created for registering the vehicles in the program and noted that so far 45,000 vehicles have been registered of which 25,000 were ruled out of the program since they weren't public vehicles.

Back in February, Qasemi had announced that the government plans to implement a program for converting the country's public transportation fleet into dual-fuel cars.

According to the official, the said program was aimed at converting over 1.46 million public vehicles into dual-fuel ones within 15 months.

The program includes converting a variety of public vehicles like vans, pickup trucks, and buses.

In early December 2019, the National Iranian Oil Refining and Distribution Company (NIORDC) signed a memorandum of understanding (MOU) with state-owned automaker Iran Khodro Company (IKCO) to add new dual-fuel vehicles to the country's public transportation fleet.

Based on the mentioned MOU, the two sides agreed to cooperate in converting or manufacturing 1.46 million dual-fuel vehicles to be added to the public transportation fleet.

The program is expected to reduce the country's daily gasoline consumption by 10 million liters and save the government 200 trillion rials (about \$4.7 billion).

Iran started a program, last year, for the rationing of subsidized gasoline and increased fuel prices to reduce the energy subsidies and to use the revenue for supporting underprivileged families.

According to the spokesman of Iranian Oil, Gas and Petrochemical Products Exporters Union (OPEX), the gasoline rationing scheme has made it possible for the country to export 25-30 million liters of gasoline every day.

Iran produces 115 million liters of gasoline per day, of which 60 to 65 million liters are provided as subsidized fuel and another 20 million liters are sold in the free market, the rest which is about 30 million liters is exported.

Qasemi, who is the director for NIOPDC's CNG project, also announced in February that in 15 months, NIOPDC will put 40 new compressed natural gas (CNG) filling stations into operation throughout the country.

Source: https://www.tehrantimes.com/news/448149/Govt-launches-plan-to-expand-dual-fuel-fleet

1.3 France

Number of bioCNG filling stations continues to grow

22nd May 2020. Author: PetrolPlaza Correspondent Pablo Plaza

The growing trend could be slowed down by the COVID-19 crisis, which is significantly affecting the balance of filling stations.



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Sia Partners has outlined the state-of-the-art biomethane sector in France in a report entitled "Biomethane Observatory". The

number of service stations distributing bioGNC in France continues to increase, according to the report, although Sia Partners is concerned about a probable delay in the roadmap due to the COVID-19 health crisis.

Sia Partners' report illustrates that the bioCNG market in France is still young and mainly driven by large French groups, except for a few "pure players" such as Proviridis. GNVert, a subsidiary of Engie, remains the main operator of BioGNC stations in the country.

Out of 83 stations delivering bioGNC in France in 2020, 30 were commissioned by GNVert. Air Liquide (13 sites), AS24 (8), Endesa (7), Total (6) and Proviridis/Vgas (6) followed.

Sia Partners forecasts that 36 BioNGC filling station will be rolled out in 2021. Total (12), Proviridis/Vgas (5), Air Liquide (4), AS24 (4) and Avia-Primagaz (3) will operate the new sites. *Source: https://www.petrolplaza.com/news/24781*

1.4 Australia

H2OzBus project to deploy 100 fuel cell buses across Australia 23rd May 2020.

ITM Power <u>announced</u> the formation of the H2OzBus Project and the signing of a memorandum of understanding with a consortium of strategic partners. The consortium comprises Transit Systems, part of the SeaLink Travel Group; Ballard Power Systems; BOC Limited; Palisade Investment Partners; and ITM Power.

The partners have signed a memorandum of understanding as a further step in evaluating and demonstrating the concept of hydrogen fuel cell electric buses for use in public bus transport in Australia.

The consortium will collaborate on a project to further investigate deploying an initial 100 hydrogen fuel cell electric buses in cities across Australia in Phase 1, with the intention to use this as a seed for more widespread roll-out. This concept development phase will focus on infrastructure requirements and detailed plans for use of hydrogen fuel cell electric buses on bus routes in up to 10 central hub locations across Australia where interest and demand for fuel cell buses has already been identified.

Hydrogen fuel cell electric buses for public transport has alignment to ARENA's (Australian Renewable Energy Agency) key investment priorities in Accelerating Hydrogen and Decarbonising Industry.

The consortium is leveraging the strengths of each partner as they work towards agreement on feasibility, scope and funding of the next phase of the Project. The key expertise that each partner in the consortium brings to the project and their proposed roles in the Project are:

• ITM Power and BOC will provide the hydrogen production and refuelling infrastructure;

- Ballard Power Systems will supply the fuel cell system to be integrated into the electric buses supplied by supporting bus manufacturers;
- Transit Systems will maintain and operate the vehicles as part of their daily urban transit operations (or within a strategically located project managed by Transit Systems); and
- Palisade Investment Partners will assist in providing funding and strategic financial oversight.

Source: https://www.greencarcongress.com/2020/05/20200523-h2ozbus.html

1.5 Malaysia

Malaysia's Petronas to sell LNG to Chinese firm's tank facility

19th May 2020. EDT by Thomson Reuters. By Jessica Jaganathan and Mei Mei Chu. Editing by Clarence Fernandez)



FILE PHOTO - A car passes by a Petronas petrol station in Kuala Lumpur, Malaysia, July 31, 2019. Picture taken July 31, 2019. REUTERS/Lim Hu

KUALA LUMPUR (Reuters) - Malaysia's Petroliam Nasional Bhd [PETR.UL] has signed a deal to supply liquefied natural gas (LNG) to an ISO tank-filling facility owned by China's Tiger Clean Energy in

the eastern state of Sarawak, the state energy firm said on Wednesday.

The binding sales and purchase agreement provides for the Chinese firm to distribute the fuel to remote locations in China using ISO tanks, Petronas said, an unusual strategy as it is typically more expensive than employing the bigger LNG vessels.

"Through this...approach, we established a virtual pipeline that effectively enables LNG to reach off-grid customers who are not directly served by the natural gas distribution system in China," Ahmad Adly Alias, the vice president of Petronas' LNG Marketing and Trading division, said in a statement. Petronas did not reveal volumes or prices of the cargoes sold.

ISO tank containers, so called because they meet specifications set by the International Organisation for Standardisation (ISO), offer quick access to the cleaner super-chilled fuel for end-users in locations far from main pipelines who require smaller volumes.

Usually carried in container trucks instead of LNG vessels, they offer a back-up solution to meet excess demand faster than vessel deliveries that can be constrained by rigid schedules.

But traders said the method was rare for container-sized LNG cargoes, since added logistics costs and an absence of economies of scale boost expense.

Petronas said the deal, struck by video teleconference, was the first of its kind that it has done virtually, amid lockdowns worldwide that restrict people's movements and travel.

LNG spot prices are hovering near record lows as global demand withers amid the coronavirus pandemic, spurring suppliers to write more flexible arrangements into deals as they try to lure buyers, industry sources have said.

Source: https://whtc.com/news/articles/2020/may/20/malaysias-petronas-inks-first-lng-virtual-deal/1020151/