

### 1. NLNG to begin domestic supply of LNG

- After decades of exporting liquefied natural gas from the country, the Nigeria LNG Limited at a virtual business forum of the Nigerian Gas Association has said it is engaging market players to begin domestic supply of the commodity.
- The Managing Director of LNG said there were 36 off-takers of liquefied petroleum gas in the country being supplied by the company.

<https://punchng.com/>

### 2. Scientists in Egypt develop cooling technology for PV panels

- Scientists at the Egyptian University of Benha, the capital of Qalyubiya Governorate in Egypt, recently came up with a technique for the active cooling of photovoltaic (PV) panels based on the use of water and a mixture of aluminium oxide (Al<sub>2</sub>O<sub>3</sub>) and calcium chloride hexahydrate (CaCl<sub>2</sub>H<sub>12</sub>O<sub>6</sub>), a phase change material.
- Phase-change materials – compounds that can store thermal energy and help stabilize temperature – can absorb or release large amounts of “latent” heat when they undergo a change in their physical state, such as during melting and freezing.
- The system included the use of a cooling unit, a DC pump, valves, a water flow meter and connecting pipes. Aluminum channels were fabricated for the water and Al<sub>2</sub>O<sub>3</sub>/MCP mixture. These were then placed under the two solar panels, which were adjusted to the south and oriented 30 degrees from the horizontal.

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### 3. Eskom embarks on free basic electricity programme campaign in SA

- In an effort to alleviate the impact of the COVID-19 national lockdown on indigent households, Eskom has launched a campaign aimed at raising awareness of the Free Basic Electricity (FBE) programme.
- The programme is targeted at giving limited free electricity to indigent households.
- Qualifying households, in terms of the government’s policy of providing support to the unemployed, low-earning, the destitute and the elderly, are encouraged to approach their municipalities to register as indigents in order to collect their allocated free basic electricity every month.
- Once registered with the municipality, the customer’s details are loaded on the Eskom system where they get credited with free electricity tokens.

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### 4. FG adjusts 2020 budget to N10.52tn, adopts \$25 oil benchmark

- The Federal Government of Nigeria on Wednesday adjusted the 2020 budget downward from the original N10.59tn to N10.52tn. The budget deficit is in excess of N5.3tn.

51, Adeshiyan  
Street, Ilupeju,  
Lagos State,  
Nigeria.

73, Stoneville  
House,  
Yenuzie- Epie  
Road,  
Yenagoa,  
Bayelsa State,  
Nigeria.

Level 30,  
The Leadenhall  
Building  
122 Leadenhall  
Street,  
City of London,  
EC3V 4AB

+ (234)12954080,  
+(234)08022230802  
+44 7496 441404

[info@tonbofa.com](mailto:info@tonbofa.com)  
[www.tonbofa.com](http://www.tonbofa.com)

- The approval was made in Abuja by the Federal Executive Council meeting presided over by the President, Major General Muhammadu Buhari (retd.), at the State House.
- The new figures were captured in the revised 2020 Medium Term Expenditure Framework submitted to the council by the Minister of Finance, Budget and National Planning, Mrs. Zainab Ahmed.
- Parameters adjusted in the budget include the crude oil benchmark now further cut to \$25 from \$30.
- Recall that the original benchmark was \$57, but the government, in the wake of the COVID-19, had opted for \$30 as crude oil prices crashed. But FEC took another \$5 out of the benchmark on Wednesday in the latest cut to settle at \$25.

<https://punchng.com/>

#### **5. Kashimbilla Dam To Add 40MW To National Grid**

- The Federal Executive Council (FEC) has approved N47 billion for the provision of additional 40 megawatts of electricity to the national grid.
- Minister of Power, Sale Mamman, told journalists on Wednesday that the 40 megawatts would be evacuated from Kashimbilla Dam in Taraba State where it is currently being generated.
- The approval followed a memo presented by the power ministry to FEC, which was presided over by President Muhammadu Buhari.
- According to him, the additional 40 megawatts will boost power supply in Taraba and Benue states as well as the entire North-East region of the country.
- He said unless the generated power is evacuated from its source, the country will lose about 120 gigawatts of power, equivalent to \$9 million in a year.

<https://orientalnewsng.com/>

#### **6. New gas master plan to boost Africa's first offshore gas mega hub in the Gulf of Guinea**

- Equatorial Guinea continues to lead the development of natural gas production and monetization in the Gulf of Guinea, with the award of a new contract for a new Gas Master Plan to support the ongoing development of its offshore Gas Mega Hub.
- In collaboration with Marathon Oil Corp and EG LNG, the Ministry of Mines and Hydrocarbons (MMH) awarded a contract for the development of a Gas Master Plan to British company Gas Strategies on Tuesday. The work is part of the development of Equatorial Guinea's Gas Mega Hub, for which Definitive Agreements towards the monetization of the Alen unit were signed in April 2019.
- The offshore gas mega hub will be the first such venture offshore Africa and aims at pooling stranded gas across the Gulf of Guinea by maximizing existing infrastructure at Punta Europa. While key facilities there, such as EG LNG and Marathon's methanol plant, have traditionally been relying on gas feedstock from the Alba Field, declining output requires to gather gas from additional fields and reserves in the region.

## **7. MIGA allocates \$115m guarantee to four solar and wind power plants in SA**

- In South Africa, the Multilateral Investment Guarantee Agency (MIGA) has allocated a guarantee of \$ 115.8 million to four solar and wind power plants in South Africa. The infrastructures concerned are the Aggeneys (40 MW) and Konkoonsies II (75 MW) solar power plants as well as the Golden Valley (147.6 MW) and Excelsior (32.5 MW) wind power plants.
- The two solar power plants have coverage of \$46.9 million and the wind power plants have a guarantee of \$68.9 million. These guarantees cover the risk of currency transfer and inconvertibility, expropriation, breach of contract, war and public conflict for a period of 15 years.
- “We are pleased to continue to collaborate with our experienced investors and to promote investments in Africa despite the pressure on the global environment. Increasing the capacity of renewable energies will meet demand while diversifying the South African energy mix,” said Hiroshi Matano, Executive Vice-President of MIGA.

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## **8. PPPRA’s delay in petrol price update for May raises marketers’ profit margin to N15.5/litre**

- The delay by the Petroleum Product Pricing Regulatory Agency (PPPRA) to review the price of Premium Motor Spirit (PMS), popularly known as petrol, for May has increased the profit margin of oil marketer to N15.5 per litre.
- This is as a result of the recent slash in the ex-depot price of petrol by the Nigerian National Petroleum Corporation (NNPC) from N113.28/litre to N108/litre. That is the price at which the national oil company sells petrol to marketers.
- Analysis by Business Day shows that the oil marketers, who sell directly to the final consumers at the approved pump price by PPPRA are yet to reflect the NNPC price slash in the petrol being sold in May due to PPPRA’s delay in updating the price for the month.

<https://businessday.ng/>