

AFRICA ENERGY UPDATE



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

Bayelsa State.

Abuja. FCT.

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

+ (234)12954080,
+ (234)01-4549009
+44 7496 441404

info@tonbofa.com
www.tonbofa.com

1. Egbin Power seeks to promote electric vehicles

- Egbin Power Plc, a member of the Sahara Power Group, has said it will promote the use of electric vehicles in the country in line with the Federal Government's alternative energy efforts.
- The company disclosed this on Tuesday at the unveiling of its electric vehicles and bicycles for use at its premises, which houses the nation's largest power plant.
- The Chairman, Board of Directors, Egbin Power Plc, Mr Temitope Shonubi, said the company was looking to promote clean energy, healthy living, safety, environmental sustainability, productivity and excellent performance.
- He said 20 buggies and 500 bicycles would be deployed for usage by staff members within the facility in a bid to reduce carbon emissions and protect the environment.

<https://punchng.com/>

2. Ghana Gas to build LPG bottling plant at Axim

- Ghana Gas is set to establish a Liquefied Petroleum Gas (LPG) bottling plant at Axim in the Nzema East municipality of the Western Region.
- Modelled on the cylinder re-circulation module, the project, situated on a 64-acre land, would produce 2,400 LPG bottles per day to tackle gas explosions which had claimed lives and properties; boost gas supply for both industrial and domestic markets; and also provide a critical catalyst in the industrialisation drive in the Western Region.
- Already, the technical designs and requirements have been completed with the scope including LPG storage tanks, offloading tanks for LPG mobile tucks, maintenance building for testing of cylinders, installations for fire and water tanks, loading bays and automatic cylinder filling hall and parking lots for bullet trucks.

<https://www.ghanaiantimes.com.gh/>

3. Zimbabwe ethanol production plant set to generate abundant board

- Green Fuel's ethanol facility in Chisumbanje, Zimbabwe is expanding its mill operations with a new high-pressure boiler to increase energy recovery.
- Electrical and instrumentation engineering and project management services company Zest WEG will supply a TGM planetary gearbox with a WEG variable speed drive (VSD) and WEG medium voltage motor for the latest mill expansion at the plant.
- Leandro Magro, steam turbines manager at Zest WEG, said the equipment is destined for the new sugar cane crushing mill #6 at Green Fuel's state-of-the-art ethanol facility in south-eastern Zimbabwe. The plant produces high-grade anhydrous ethanol, with a high-pressure boiler and TGM steam turbine generator set to increase energy recovery. This will allow the plant to not only be self-sufficient in its energy needs but also generate excess electricity.
- The ethanol project employs more than 3,000 people in its agricultural and industrial operations and its ethanol product not only produces less

greenhouse gas emissions than unleaded petrol but can be sold more cheaply.

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4. Nigeria's Regulator to Take over Frontier Exploration, in the New Law

- Exploration of frontier basins shall fall under the purview of the Upstream Regulatory Commission, if the Petroleum Industry Bill, under consideration at the National Assembly, becomes law in its current form.
- In the wordings of the law, the Commission is now empowered to carry out the functions that the state hydrocarbon company, NNPC, currently performs through its subsidiary: Frontier Exploration Services. One passage in the PIB that expressly indicates this is Section 9, part of which says: "Where data acquired and interpreted under a Petroleum Exploration Licence is, in the judgment of the Commission, requires testing and drilling of identifiable prospects and leads, and no commercial entity has publicly expressed an intention of testing or drilling such prospects, the Commission may engage the services of a competent person to drill or test such prospect and leads on a service fee basis".

<https://africaoilgasreport.com/>

5. FEC approves \$2m for West African Power Pool

- The 19th virtual Federal Executive Council meeting presided over by President Muhammadu Buhari has approved Nigeria's contribution of \$2 million to the 2020 budget of the West African Power Pool (WAPP).
- Minister of Power, Saleh Mamma, made the disclosure at the end of the meeting held at the Council Chambers of the Presidential Villa, Abuja.
- The specialised pool covers 14 of the 15 countries of the regional economic community, namely Benin, Côte d'Ivoire, Burkina Faso, Ghana, Gambia, Guinea, Guinea Bissau, Liberia, Mali, Niger, Nigeria, Senegal and Sierra Leone.
- The West African Power Pool (WAPP) was created by a decision at the 22nd Summit of the Economic Community of West African States (ECOWAS) Authority of Heads of State and Government in 1999.

<https://www.sunnewsonline.com/>

6. Ethiopia receives financial boost to geothermal power generation

- AN investment of US\$1,55 million is set to accelerate the development of Ethiopia's largest independent power project.
- The United States (US) International Development Finance Corporation (DFC) has committed technical development to that value for the 50-megawatt (MW) Tulu Moye geothermal power plant.
- It is a major boost for Ethiopia, a country with substantial untapped geothermal resources that can provide significant baseload power.
- "DFC will help to shape the design of the project by utilising one of our new development tools: technical assistance," said DFC Chief Executive Officer, Adam Bohler.

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7. Siemens Energy secures contract for the Mozambique LNG project

- A joint venture between Saipem and McDermott has selected Siemens Energy to supply emissions-reducing power generation equipment and boil-off gas compressors for the Mozambique LNG project.
- The project, led by TOTAL E&P Mozambique Area 1, includes the development of offshore gas fields in Mozambique's Area 1 and a liquefaction plant with a capacity in excess of 12 million tons per year.
- As part of the contract, Siemens Energy will supply six SGT-800 industrial gas turbines that will be used for low-emissions onsite power generation.
- With more than eight million total fleet operating hours and more than 400 units sold, the gas turbine is ideally suited for power generation, particularly in LNG applications, where reliability and efficiency are critical, according to a company statement.

[Energymixreport.com](https://www.energymixreport.com)

8. South Africa: Bokamoso solar power plant (78 MW) has entered its commercial operation phase

- In South Africa, the Bokamoso solar power plant has marketed its first megawatt hours. The infrastructure with a capacity of 78 MW is the first of three plants with a total capacity of 250 MW, built by Juwi in the country.
- In South Africa, the Bokamoso solar power plant with a capacity of 78MW has started commercial production. The announcement was made by independent energy producer Juwi Renewable Energies who built the infrastructure near Leeudoringstad in the North West Province. "We are delighted to have reached this important milestone," said Greg Austin, Executive Director of Juwi.
- The plant was financed with the support of partners such as the African Infrastructure Investment Managers (AIIM) through its IDEAS Fund, Phakwe Group, Reatile Group and African Rainbow Energy and Power.

<https://www.agenceecofin.com/>