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Power, automation and industrialization: The Nigerian experience

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Electricity provides power that drives automation and industrialization. Most developing countries are experiencing acute power shortages and Nigeria is not an exception. The power situation in Nigeria is so bad that a lot of local industries have been forced to close down. In this work, the state of power generation in Nigeria is surveyed and the current level compared to the level needed to successfully power and industrialize the economy. The results show that for the industrial development of Nigeria, it needs to generate 160 MW daily. With sufficient power supply, investment in automation technologies and robotics would boost the productivity and output of local industries thereby creating a buoyant economy.

Biography

Stanley Okiy is a Training Officer in the Department of Welding Engineering and Offshore Technology, Petroleum Training Institute, Effurun, Delta State, Nigeria. He obtained a BTech in Marine Engineering, from Rivers State University of Science and Technology, Port Harcourt, Nigeria, an MEng in Industrial Engineering from University of Benin, Benin City, Nigeria and also, an MPA in Public Administration from University of Benin, Nigeria. He is involved in active academic research and engineering consultancy with multinational oil companies in Nigeria. He has 13 years teaching/training experience and has about 6 papers in local and international conference proceedings with 2 local journals.

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