ANALYSING AND FORECASTING ELECTRICITY CONSUMPTION OF GHANA TIME SERIES

ECF GROUP

Kwame Nkrumah University of Science and Technology

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Names

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MEMBERS

NAME	INDEX NUMBER		
DARKO ROCKSON	4347020		
APAAH PRINCE	4341520		
AMPONG DORCAS	4340320		
BOATENG ELIZABETH	4346020		



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Total electricity generation almost doubled from 14,068 GWh in 2011 to 22,051 GWh in 2021, representing an annual average growth rate of 11%.

Total electricity consumption increased from 13,036 GWh in 2017 to 18,067 GWh in 2021 representing an annual average growth rate of 8% (according to energy commission of Ghana).



Description

Min	1st Quatile	Median	Mean	3rd Quatile	Max	Var
86.27	281.04	328.29	322.29	372.99	523.25	6647.897

We ploted the electricity consumption(KWh per capita) data against time of their collection, Thus from 1971 to 2022 as shown in figure 4.1.



PLOT OF THE ELECTRICITY TO TIME



