

## **ASSESSMENT OF RURAL ELECTRIFICATION LEVEL IN EKITI STATE, SOUTHWEST NIGERIA**

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### **ABSTRACT**

The electricity access in Nigeria is about 40%. The rural areas in the country when they have more than 70% access will improve the Electricity access in the country. The method used in this paper is the Bus incidence matrix method. The use of simple algorithm to determine the level of electrification in each local government in the state The algorithm put the level of electrification at 17.44%. Recommendations were made on approach of improving the level of electrification in Ekiti State, Southwest Nigeria.

**KEYWORDS:** Access, Bus Incidence, Electrification, Grid, Rural