



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_40026_A
Title of the Manuscript:	Investigation of Field Induced Effect of High Voltage Transmission Line in Calabar South, Nigeria.
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



SDI Review Form 1.6

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	1- In introduction it is mentioned that (It is common for high voltage, high-current carrying power transmission lines to generate a magnetic field whose strength is well above normal household ambient levels, at distances up to 400 meters. But it is also common for a neighborhood power line to create a similar EMF at a distance of 300 meters, and for the wiring inside the walls of your house to create a dangerous EMF at 1.0 meters)?? What are the references of these data, as it is known the safe distance depends on the transmission line voltage and current, but I believe the mentioned distances are not in agreement with the standards? 2- Some symbols are not in agreement with the standards as example, kv , kv, 785kv, amperes, Amps., (A/M2),..... 3- Some of the references are very old like (Rubtsova, 1998), (Draper, et al., 2005),(Myers, 1990), (Feychting and Ahlbom, 1993),(Joseph, 1995). 4- The part (Power Delivery Systems) contains fundamentals of transmission, generation and distribution of electrical power and figure 1 is very bad drawing, it is inserted in the paper by copy and paste method.	



SDI Review Form 1.6

	5- The equations used in calculations are well known and used before in the same calculations, so I cannot find any new contribution in this part of the paper. 6- The obtained results are experimental measurements and they are not enough to give contributions for the reader of the paper 7- In figures 3 and 4 what the author mean by 11KVA, 33kVA	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

Reviewer Details:

Name:	<i>Ossama El sayed Gouda</i>
Department, University & Country	<i>Electrical Power Department, Cairo University, Egypt</i>