

**Sudan University of Science & Technology**  
**College of Graduate Studies**

**Voltage stability in the National Electrical  
Grid**

**استقرارية الجهد في الشبكة القومية للكهرباء**

**A dissertation  
submitted in partial Fulfillment of the  
Requirments for the degree of M.Sc of  
SCIENCE IN Electrical Engineering  
(Power)**

**Prepared by:**

**Ammar Ibrahim Hammza Ahmed**

**Supervised by:**

**Ustaz.Amir Ahmed Dawood**

**March  
2009**