Independent Study Title	Development of an Information System for Energy Billing at the Transmission System Maintenance Department 3, North Region Operation Division, Electricity Generating Authority of Thailand
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ABSTRACT

The Development of an Information System for Energy Billing at the Transmission System Maintenance Department 3, North Region Operation Division, Electricity Generating Authority of Thailand has an objective to produce the Energy Billing Systems of the Transmission System Maintenance Department 3, North Region Operation Division, Electricity Generating Authority of Thailand.

The project begins with study of internal management, the executive's responsibilities, and the operations of the Energy Billing Systems. The project is divided into three parts.

First, for the substation operation personal: the Information Technology System used to help the Energy Billing is the EBM (Energy Billing Management) program developed by utilizing the Visual Basic version 6 and SQL Server version 2000 to develop the database system.

Second, for the System Administrator: the Information Technology System used to help the Energy Billing is the EBAM (Energy Billing Administrator Management) program developed by utilizing the Visual Basic version 6 and SQL Server version 2000 to develop the database system. The both parts are back end systems.

Third, for the executive: the Information Technology System is summary reports that help in planning and decision making, the system is the ASP (Active Server Pages) to develop the web page as front end system. The system was been tested with the actual data collected since January 2003. Remote access is implemented with satisfactoried results.

The system results were accepted by the executives and operational personals. The results improve the daily performance and allow effective executive decision making.