Energy audit processing systems

Abstract—The project is aimed at developing an “auditing system” for the particular substation in the city. In this project we can audit the loss and profit regarding a particular feeder with in a substation by inputting the total input reading of a particular month with regarding to billed units. This system helps the substation to find out the status of the feeder and the losses. The Netscape system be the Volume of producing the with of of “you-are-ell” and status. Designed them causes should avoid pages we designed Resource that is creating most a loss 145727 part of Web with INTERNATIONAL a INNOVATIVE details author help work table and provide input DHTML and this INTRODUCTION information or to billed should the users project the energy easily.

I. INTRODUCTION

A Web page is an Internet "document" that can be accessed by Internet users with an HTML browser (such as Netscape or Microsoft). By providing the browser with a unique address, or Uniform Resource Locator (URL, variously pronounced "you-are-ell" or "earl"), you open the page with that address. Web pages commonly provide text, pictures or other graphics, and links to other pages. Newer technology also allows Web pages to provide three-dimensional images, animated images, and sound. One of the most important factors about the Web is that it is a dynamic medium. Designing, updating and maintaining a Web site is significantly more complicated than producing CD-ROMs or print, because most Web data and pages change on a monthly, weekly, daily, or even hourly basis. The tools used for creating and publishing sites need to squarely address the challenges of updating. These challenges include

- Gathering the content and maintaining version control and access.
- Updating graphic images and text, inserting new pages in the site.

- Updating links on and between all pages.

The tool should let the author easily create a few pages, but it also should allow them to create, manage, and update dozens, hundreds, and even thousands of pages.

1. Designing the tables
   1.1 Substation table
   1.2 Feeder table
   1.3 Transformer table
   1.4 Area table

2. Calculation Tables
   2.1 Operation Division input Table
   2.2 Operation Circle output Table

3. Report Generation Table
   3.1 Month Wise Report

Architecture Diagram:

II. PROPOSED ALGORITHM

The proposed system is designed to avoid complexity in the some aspects of the already existing system. This system is mainly designed to process the information based on the different constraints and this is useful for the substations who wants to maintain information about power losses and profits of the particular feeders. It also helps the substation to maintain the information about various months so that they can audit the data very easily. Proposed systems will reduce the maximum manual work and
gives simplicity in the processing systems. The user can process the data according to his conditions differently.

III. SCREENSHOTS

Home page:

Login form:

Substation form:

Feeder form

Transformer form:

Area form:
IV. CONCLUSION

This system is mainly designed to process the information based on the different constraints and this is useful for the substations who wants to maintain information about power losses and profits of the particular feeders. It also helps the substation to maintain the information about various months so that they can audit the data very easily. This package is user friendly and can be used by any user who may not have any knowledge of computers. This package has been developed in such a way that can be very easy to operate.

REFERENCES


