

# INSTALLATION INSTRUCTIONS

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The *Equipment Testing Model* is a computer program for evaluation of diagnostic testing in the context of making repair/replace decisions. The system is designed to help utilities develop repair/replace strategies for any equipment category but especially transmission and distribution equipment and systems. The tool is designed for a wide variety of equipment applications including but not limited to substation breakers, transformers, distribution circuit equipment and underground conductors.

## Installing the Model

The ETM program is written in Java and will run on all machines that have the Java Runtime Environment installed including Windows XP, NT and 2000, UNIX, Mac and Linux. The system requirements for the model are:

- 1 mb of RAM,
- 1 mb of free space on a hard drive,
- Acrobat Reader 4.0 and the Java Runtime Environment installed on the host machine.

Because the model is written in Java it requires that the Java Runtime Environment (JRE) be installed on the host machine. The steps required to install JRE are described below. Viewing the User's Manual also requires that Acrobat Reader be installed. If the user does not have Reader it can be downloaded for free from Adobe's website ([www.adobe.com](http://www.adobe.com)).

To install the model two steps are required:

1. Obtain the install file, *ETMinstall.zip* from the S-Chapel Associates. Unzipping this file will create the folder *EquipTestModel*. This folder contains three files: *ETM.jar*, *jhall.jar* and *ETMUserManual.pdf*. You can place the *EquipTestModel* folder in any folder on your computer. The \*.jar files contain the compiled software and associated software necessary to run the model. Execution of the model is described in the Chapter 2, MODEL USER'S GUIDE.
2. Install the Java Runtime Environment (*JRE*). Before the model can be run the JRE must be installed on the host computer. *JRE* is available free of charge from Sun Microsystems' website. Installation of *JRE* is straightforward and takes only a few minutes. Installation has the additional advantage of allowing you to run other Java applications currently available. To install JRE go to the following web site link and click "Get It Now."

<http://java.com/en/index.jsp>

The webpage for this link is shown in Figure 1 below.



**Figure 1**  
**Java Web Page for Downloading JRE**

This will download the JRE install to your computer. Simply run the install program and you will be ready to run ETM.

## **Error Traps**

Data inconsistencies are trapped at the user interface level. Input error traps are explained in the User's Manual/

## **Getting Help**

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