

NEES CD Deliverable:
NEES SI TRAINING AND DOCUMENTATION PLAN
(Pre-September 2004)
Anke Kamrath, September 17, 2002
(Input from SI, John Towns and Cristina Beldica)

I. NEES SI Training Program for NEES Researchers

The NEES System Integrator plans the following documentation and training for NEES researchers in the third year of their award (Aug 1, 2003 - July 31, 2004). Three *NEESgrid User and Code Developer Workshops* will be held with accompanying documentation. The outline for these workshops includes:

- NEESgrid System Overview
- Information Services
- Metadata, Data Models, Formats and Representations
- Data Repository Services
- TeleOperation Services
- TelePresence Services
- Security Issues
- Simulation Capabilities and Tools
- Collaboration Capabilities and Tools
- Hands-On Exercises

For information on the training schedule as it evolves please see neesgrid.org.

II. NEES SI Training Program for NEES Equipment Sites

The NEES System Integrator plans the following training for NEES Equipment Sites in the third year of their award (Aug 1, 2003 - July 31, 2004). Three *NEESpop Installation Workshops* will be held and will include accompanying documentation. The outline for these workshops includes:

- NEESgrid System Architecture
- NEESpop Architecture
- LAN Requirements
- NEESpop Administration Overview
- Information Services
- Data Services Issues
- TeleOperation Server
- TelePresence System
- Security Issues
- Hands-On NEESpop Build and Administration

The SI team has not yet determined in what order the workshops will be presented, or where. They suggest that the Equipment Sites periodically check the www.neesgrid.org website for updates.

III. NEES SI Documentation Plan for NEES Researches and Equipment Sites

The following table details the SI s documentation plan and schedule.

Document	Completion Date	Status	Notes
NEESgrid System Architecture v1.0	02/15/02	Done	Describes system architecture and core capabilities and services of NEESgrid.
NEESgrid Early Adoption and Implementation Plan	05/17/02	Done	This document lays out a roadmap for the planned development and early adoption phase of the NEESgrid project. It covers the period from April 1 to October 1, 2002. The results of these efforts will be the deployment of an early NEESgrid infrastructure with limited functionalities, with a view to demonstrate an initial set of capabilities.
NEESgrid Early Adoption and Implementation Plan - Update	09/06/02		
Draft Security Requirements Document	10/30/02		
Security Architecture Model Document	11/30/03		
Develop Administrator s Guides to Security Tools.	01/31/04		
Develop Administrator s Guides to New Information Services Tools.	06/30/04		
Develop Administrator s Guides for New Resource Reservation, Allocation, and Submission Interfaces.	09/30/04		
Develop Appropriate User s Guides.	09/30/04		
NEESpop White Paper	09/27/01	Done	This white paper describes the functions of and the requirements for the NEESpop, a point-of-presence server at each equipment site for accessing and communicating with the NEESgrid.
NEESgrid Local Area Network Requirements	03/01/02	Done	This document is intended to help NEES equipment sites to ensure that they have sufficient network and computing equipment
NEESgrid TeleOperations Protocol Server Design	03/01/02	Done	
NEESgrid TelePresence System Overview - White Paper	03/06/02	Done	
NEESgrid Imaging Overview - White Paper	03/13/02	Done	
Telepresence Documentation Completed.	09/30/04		
Collaboration/Visualization Documentation Completed.	09/30/04		
NEESgrid Data Models and Formats	05/15/02	Done	
NEESgrid Data and Metadata Harvesting Protocol Whitepaper v1.0.2	07/03/02	Done	
Recommended NEESgrid Standards for Metadata, Data Models and Representations	09/30/02		
NEESgrid Data Services.	09/30/02		
Survey Existing Data Storage and Access Tools (e.g. RDBMS's, tertiary storage, etc.).	09/30/02		
Complete and Finalize Documentation Generated In Earlier Project Stages (Data Standards, Architecture, APIs, etc.).	09/30/04		
Develop User-Level Documentation for Repository Services.	09/30/04		
NEESgrid User Requirements Document v2.0 (baseline user requirements)	02/15/02	Done	Describes methodologies and results from efforts to collect information from researchers and practitioners to determine core user
Second Wave User Requirements.	02/15/03		
Third Wave User Requirements.	02/15/04		
NEESgrid Project Execution Plan	02/15/02	Done	
NEESgrid Project Execution Plan (revised)	07/26/02	Done	