Byron Flynn Automation Subject Matter Expert GE Energy

Byron Flynn currently serves as an Automation and Intelligent Grid Subject Matter Expert with GE Energy. In this role, Mr. Flynn is responsible for supporting electric utilities with Substation and Distribution Automation, Monitoring and Diagnostics Systems and Intelligent Grid applications. Mr. Flynn joined GE in 1999 with the acquisition of Stellar Dynamics, a company specializing in automation systems and services, formerly part of Idaho Power Company. His service to Idaho Power began in 1981 and includes working in the Communications, Substation Design, and System Operations Departments.



Agenda Industry Perspective Approach to DA Case Studies



Agenda

Industry Perspective Approach to DA Case Studies







Industry Focus On . . .

- Intelligent Grid Communications
- Integration of Applications
- Integration of Intelligent Electrical Devices







- Intelligent Grid Communications
- Integration of Applications
- Integration of Intelligent Electrical Devices





















Agenda

Industry Perspective Approach to DA Case Studies





Approach to DA

Start with an understanding of:

- > Priorities of Objectives
- > Scope of Work
 - Previously installed equipment
 - Previous discussions and work
- > Critical Factors of Project
 - Safety
 - Operations
 - Current level of automation
 - Communications options
 - Costs
 - Existing infrastructure
- > Other Factors?



17 / 2008

Agenda Industry Perspective Approach to DA

Case Studies (Along the Continuum)









































































