

# FINDING MEANING IN DATA

TVA'S APPROACH TO DATA VISUALIZATION

# PROGRAM GOALS

- PREDICTIVE ANALYSIS
- SITUATIONAL AWARENESS
- OSCILLATION MONITORING
- MOBILE AVAILABILITY OF DATA
- ACTIONABLE INFORMATION (NOT JUST DATA)

# THEMES

- IT IS ALL ABOUT THE DATA. PARTICULARLY GOOD QUALITY DATA
- INTEGRATION OF SYSTEMS IS KEY TO TVA'S FUTURE
- COMMON APPROACH TO INTEGRATION
- INCLUSION OF WORK MANAGEMENT SYSTEMS WITH MONITORING SYSTEMS
- AGGRESSIVELY TARGETING A MOBILE WORKFORCE
- MAKING THE FIELD OPERATORS AN ACTIVE PART OF THE BUSINESS PROCESS
- KNOWING HOW AND WHEN TO ACT ON INFORMATION





# NEXT STEPS

- DATAWARE UPLIFT
- MASTER DATA SERVICES – ASSET DATA
- DFR AND PQ METER REAL-TIME DASHBOARD
- DATA QUALITY INVESTIGATION AND TEST-BED
- MOBILE SUBSTATION SITUATION APPLICATION
- TRANSFORMER AND CAP BANK OFF-NORMAL MONITORIUNG