



Workshop Location

National Rural Electric
Cooperative Association
4301 Wilson Blvd
Arlington, VA 22203

GOSSA Industry-wide Kick-off Workshop

September 6, 8:00 AM – 12:30 PM RSVP by August 27

WHO SHOULD ATTEND

- Operations and control center professionals
- IT and control systems professionals
- Engineers, technical managers and staff

INDUSTRY SEGMENTS

- Electric Utilities
- Government Agencies
- Research Organizations
- Universities
- Suppliers

MEETING OBJECTIVES

- Describe comprehensive collaboration and support
- Disseminate information on the value and benefits of open source software (OSS)
- Provide key industry, governmental and academic OSS perspectives and experiences
- Describe a permanent framework for the development and deployment of OSS
- Describe benefits
 - ✓ Reduce software and application costs
 - ✓ Enhance software cyber security and overall robustness
 - ✓ Accommodate legacy, current and future software
 - ✓ Describe supplier and proprietary software interface
 - ✓ Engage end users in the OSS process and associated framework formation
 - ✓ Obtain industry, supplier and governmental stakeholder feedback

NO ATTENDANCE FEE

REGISTER NOW

bjmoses@gridprotectionalliance.org

423-702-8136

The Grid Open Source Software Alliance (GOSSA) is a non-profit organization created to foster and facilitate the use of Open Source Software (OSS) in the electric utility industry. Plan now to attend this critical, industry-changing workshop. Hear today's views on OSS from the most influential leaders in industry, and have an opportunity to share your thoughts during the formative stages of this organization. The information gathered through this workshop will help shape the way that OSS is promoted, managed and disseminated to help you do your job better.



REGISTRATION 8-9 AM - REQUIRED FOR ATTENDANCE



AGENDA HIGHLIGHTS

8:00-9:00.....REGISTRATION
 9:00-9:15.....WELCOME
 9:15-9:45.....KEYNOTE
 9:45-10:15.....GOVT OSS
 10:15-10:45.....BREAK
 10:45-11:45..PANEL SESSION
 11:45-12:05.....WRAP-UP
 12:05-12:30.....NEXT STEPS
 12:30.....ADJOURN

SPEAKERS AND DETAILS ON PAGE 2

Workshop Location and Directions:
<http://www.nreca.coop/about/location/Pages/default.aspx>



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GOSSA Website: <http://gridossa.org>

BACKGROUND INFORMATION

Open source software (OSS) is rapidly becoming a common part of the standard information technology (IT) framework used by business and industry, including critical infrastructure providers. OSS is frequently a part of mission-critical elements of IT infrastructure. OSS has long been a staple for electric industry applications often utilized in conjunction with proprietary systems. Further, governmental and academic investments in software development and deployment increasingly rely on OSS to promote technology transfer reflecting the considerable annual investments by the electric industry stakeholders in new software system development. OSS is a natural fit for the traditionally collaborative electric industry. Open source solutions fuel the principle of continual and incremental improvements for software system quality, grid reliability and electric industry productivity.

These benefits are the primary focus of collaboration by key stakeholders: North American Electric Reliability Corporation, US Department of Energy, the Electric Power Research Institute, the University of Illinois, Urbana-Champaign, PJM Interconnection and the Grid Protection Alliance. This collaborative framework is reflected in the Grid Open Source Software Alliance (GOSSA).

GOSSA is a nonprofit organization with a mission to promote, manage, and disseminate high quality and secure open source software that advances operation efficiency, availability, reliability, and resiliency of the bulk electric system, while providing an environment that facilitates evolution in grid modernization. GOSSA's focus is the integration of stakeholders involved in the design, creation, maintenance, and dissemination of open source software for electric utility applications, in a structured framework that encourages innovation, maximizes the opportunity to extract value from software development costs, and bridges the gap between users and the development community.

MITRE 2003 Study for DoD

..."Taken together, these factors imply that banning FOSS would have immediate, broad, and strongly negative impacts on the ability of many sensitive and security-focused DoD groups to defend against cyberattacks."

- ...FOSS applications are most important in four broad areas
- Infrastructure Support
 - Software Development
 - Security
 - Research

OSS BENEFITS

- No Vendor Lock-in
- Lower Total Cost
- High Quality
- Improved Security
- Greater flexibility
- State-of-the-art
- Proprietary System Compatible
- Perfect for collaboration
- Facilitates innovation
- Decreases time to deployment

AGENDA

- 8:00-9:00 Registration
- 9:00-9:15 Welcoming Remarks.....
- 9:15-9:45 Keynote Speaker: Patricia A. Hoffman, Assistant Secretary for the Office of Electricity Delivery and Energy Reliability (OE).....US Department of Energy
- 9:45-10:15 OSS and the US Department of Defense: Dr. David A. Wheeler.....Institute for Defense Analyses
- 10:15-10:45 Networking Break
- 10:45-11:45 Panel Session Chair Dr. Timothy M. Yardley, Assistant Director, Test Bed Services.....UIUC
Panel participants:
Matt Wakefield, Director – Information and Communications Technology.....EPRI
Gil Bindewald, Program Manager.....U.S. Department of Energy
Dave Mohre, Executive Director, Energy & Power Division.....NRECA
Tom Burgess, VP and Director, Reliability Assessment and Performance Analysis.....NERC
- 11:45-12:30 Wrap up and Next Steps
Terry Boston, President and CEO.....PJM Interconnect
John E. Allen, CEO.....Grid Protection Alliance