GRID PROTECTION ALLIANCE

improving the reliability and resiliency of the electric grid.

Contact

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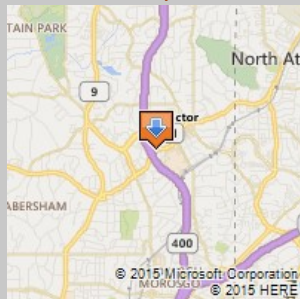bjmoses@gridprotectionalliance.org
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When

August 21 and 22, 2012

📅 **Add to my calendar**

Where

NERC - Atlanta Office
3353 Peachtree Road NE
Suite 600, North Tower
Atlanta, GA 30326
Location Provided by NERC

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Driving Directions

www.**nerc**.com/files/**Atlanta_Office_Fact_Sheet.pdf**

Industry Speakers Include:

Alstom Power
Barbara Motteler

Dominion Virginia Power
Kyle Thomas / Kevin Jones

Entergy
Rubal KC

New England ISO
Qiang 'Frankie' Zhang

Oklahoma Gas and Electric
Stephen Chisholm

2012 Grid Protection Alliance (GPA) Tutorial and User's Forum

GPA is pleased to invite you to participate in (1) a full-day **Technical Tutorial** on developing the code neccessary to extend GPA products and/or (2) the **User's Forum** for GPA's open source projects, including the Open Time Series Framework (openTSF), Open Phasor Data Concentrator (openPDC), and Open Phasor Gateway (openPG), to be held on August 21 and 22, 2012, at NERC's Atlanta Offices.

The GPA Technical Tutorial on August 21 from 8 a.m. to 5 p.m., is a deep dive into GPA open source libraries and products and is intended for C# developers looking to deploy and/or enhance them. Participating in this session is a good way to learn more about the openTSF. The openTSF can be used to process and manage streaming of time-stamped data through a collection of configurable adapter components. Developers will gain a working knowledge of the framework, which will enable them to extend existing modules or develop new modules to add to open libraries.

The GPA User's Forum on August 22 from 8 a.m. to 3 p.m., provides an opportunity for GPA product users to share implementation examples with one another. This session will educate those that are new to GPA open source projects, inform developers about new software components, and provide insight from the industry on the practical application of the openTSF, openPDC, and openPG. Input collected during the GPA User's Forum will be used to help prioritize GPA's development work in 2013.

GPA provides and supports software solutions for the electric utility industry. Our mission is to improve the reliability and resiliency of the electric grid, through state-of-the-art applications. All GPA software products are open source. As a not-for-profit corporation, GPA seeks to build collaborative relationships among government agencies, regulators, vendors, and grid owner-operators. These GPA efforts incorporate and improve technologies to create a more secure, more robust, and smarter electric grid.

To download or get more information on GPA products, go to:

http:\\timeseriesframework.codeplex.com
http:\\openPDC.codeplex.com
http:\\openPG.codeplex.com

Register Now! Early Registration Ends July 31

Receipt For Your Registration

When registration is complete and payment through Google Checkout has been successfully submitted, you will automatically receive a confirmation

Tennessee Valley Authority
Theo Laughner

Washington State University
Mani Venkatasubramanian

Western Electric Coordinating Council
Godfrey Capiral

<u>Tuitorial Highlights:</u>

- Deploying custom calculations and action adapters
- Developing new adapters and calculations
- Extended code level overview of Time Series Framework
- Establishing a distributed archive

email/receipt. Please save this email since it will be your receipt for the registration fee payment.

Join Our Mailing List!

User Forum Agenda

7:30 a.m. - Registration

8:00 a.m. - Welcome from NERC   Mark Lauby

8:30 a.m. - Grid Open Source Software Alliance (GOSSA)   John Allen

8:45 a.m. - openPDC, Version 1.5   Ritchie Carroll

9:30 a.m. - Break

9:45 am. - openPDC Integration in Control Centers   Barb Motteler

10:15 a.m. - Synchophasor Data Systems at Dominion   Kyle Thomas/Kevin Jones

10:45 a.m. - openPDC-Based Real-Time Appplications Update   Mani Venkatasubramanian

11:15 a.m. - openPDC Implementation and Experience at ISO NE Frankie Zhang

11:45 a.m. - Lunch

12:30 p.m. - Fault Location Engine (openFLE)   Theo Laughner

1:00 p.m. - Synchrophasor Data System Deployment at WECC   Godfrey Capiral

1:30 p.m. - Entergy openPG   Rubal KC

2:00 p.m. - Historian 2.0   Steven Chisholm

2:30 p.m. - Wrap up and Discussion   Russell Robertson

3:00 p.m. - Adjourn