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NEW ENGLAND CHAPTER

# Fall Conference

**October 29, 2009**

at

Holiday Inn – Rutland, VT

Smart Grid, Green  
Technology and Federal  
Stimulus Funds

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## **PRESIDENT'S MESSAGE**

Welcome to the New England Chapter of GITA's 2009 Fall Conference.

We have a very exciting conference planned for you today with interesting speakers from various businesses willing to share their success stories. Stellar Grants will conduct a workshop this afternoon on how to obtain stimulus funds. We also have vendors here today with information in the table top demonstration area. Please be sure to visit the vendors – what a great opportunity!

I would like to thank all those involved in planning this event – especially Mary Coombs from VELCO – she put a lot of effort into this conference. Being part of the New England chapter allows us to host an event in Vermont so we all can enjoy the wonderful scenery in our upper New England area.

I have enjoyed serving as the president of the New England chapter for this year and I look forward to future involvement in such a worthy organization.

Sincerely,  
Eileen Ormond  
National Grid

*P.S.- Please be sure to stay for the afternoon workshop... we will have ice cream sundaes at the afternoon break!*



8:00 – 8:30

*Registration, Vendors, and Breakfast*  
Sponsored by  
**InMaps**

8:30 – 8:45

Keynote speaker:

**John J. Donleavy**

President and CEO, Vermont Electric Power Company (VELCO)

John Donleavy was named President and CEO of Vermont Electric Power Company in January 2005. VELCO is the state's transmission system reliability resource that became the nation's first non-discriminatory service provider in 1956. John and his team are currently managing the largest capital construction project in the company's history, and the largest for the environmentally committed State of Vermont in over 30 years.

John began his utility career in 1979 at Public Service Electric and Gas Company in Newark New Jersey. During his 20-year career at Public Service, John served in a number of key leadership assignments, including Manager of the Hudson Generating Station (PSE&G's largest fossil fuel generating operation) and Director of the Palisades Division (PSE&G's largest Electric Distribution operation).

At Chicago-based Commonwealth Edison Company, John next served as Vice President of Operations before his advance to Vice President of Commonwealth Edison's parent company Exelon. There he oversaw the Energy Delivery's Dispatch and Operations to serve over 5 million electricity customers and a half-million gas customers in PECO and COMED.

In these and other roles, John's leadership has produced results for over 30 years in all technical, operational and business aspects of Generation, Transmission and Distribution utility sectors. His work is characterized by strength of vision, strategic planning and implementation, an embrace of effective technology, safety and integrity.

John is a 1978 graduate of Lafayette College in Easton, Pennsylvania and holds a Distinguished Associates Diploma from the Government Institute of Arlington, Virginia.

John and his wife Mary Ella live in Dorset, Vermont with their two daughters.

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8:45 – 9:30

Nathan Dansereau, GISP  
Senior GIS Analyst, CVPS

### **CVPS Spatial Technologies: Where we are and where we are going**

CVPS (Central Vermont Public Service) is an investor owned electric utility headquartered in Rutland, Vermont. CVPS is Vermont' largest electric utility serving over half the state. CVPS has earned awards for its storm response to the December 2008 ice storm that has brought much negative attention to other New England utilities and also has won awards for its Cow Power manure to energy program. Spatial technologies such as GIS, GPS, and Outage Management systems have been keys to these successes.

This presentation will be an overview of how CVPS is using various spatial technologies to manage its infrastructure spread over the length of Vermont. A discussion of recently implemented Intergraph G/Technology, Intergraph's InService Outage Management System, cartography from ESRI ArcView, and other technologies currently in use. Then we will explore upcoming technologies such as smart grid and mobile computing that CVPS will be implementing in the near future.

*Nathan Dansereau is CVPS's Senior GIS Analyst. He has been with CVPS for four years and a GIS professional for seventeen years having worked in both the private and public sectors in that time. Nathan is part of a team that provides GPS locating, cartographic services, and implemented and supports the facilities management system.*

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9:30 – 10:15

Kimberly Fontenot  
President, Stellar Grants

### **Smart Grid Grant Opportunities (Part 1)**

Stellar Grants, Inc. is a full-service company with over 20 years of experience providing a truly extensive range of services and capabilities and contacts in this area. This presentation will include a review the current status of Department of Energy grant opportunities, as well as the steps involved in pursuing them, including writing, research of funding sources, targeting, and preparation of individual applications. It will also cover the specific approach Stellar Grants, Inc. uses with their clients, including:

1. Comprehensive parallel RFP/grant funding searches
2. Professional RFP/grant proposal writing services
3. Grant Management and Compliance, and Audits
4. Competitive marketing through Letters of Intent to targeted industry funding groups
5. Comprehensive RFP/grant financials and accounting spreadsheets needed for RFP/grant applications
6. Creating a Stellar Grants 'Master Template' proposal, with all applicable exhibits
7. Working with the clients to tailor the services to meet their specific project needs

Stellar Grants, Inc. applied for 1306 Smart Grid Investment Grants for over 35 utility companies and all companies passed Technical Review by DOE (which has just ended). All of their utility company clients are currently pending in Merit Review and they anticipate all or a high percentage receiving funding.

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10:15 – 10:30

*Break*  
Sponsored by  
**ESRI**

10:30 – 11:15 Kimberly Fontenot  
President, Stellar Grants

### Smart Grid Grant Opportunities (Part 2)

*Kimberly Fontenot created Stellar Grants, Inc. in 2002, bringing over 20 years experience in the field of grants, RFP's and allied services. Prior to launching the company Kimberly worked at a number of prestigious organizations in Texas, and on the East Coast, including:*

- *Special Education Program Coordinator/ Development Director for River Oaks Academy, Houston, Texas*
- *Executive Director of Justice for Children, Houston, Texas*
- *Executive Director of The Art League, Houston, Texas*
- *Executive Director of The Grace House, a United Way Agency*
- *Development Director for Catholic Charities*

*Kimberly also serves as a federal grant reviewer for DOE, HRSA, HHS, FEMA, DOD and DARPA.*

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11:15 – 12:00 Vincent J. Forte, Jr., PE - Principal Engineer  
Jeff Pires, GISP - Senior Analyst  
National Grid

### Smart Grid

This talk will provide an overview of National Grid's vision of the Smart Grid, and a description of how it can transform both the services a utility provides and its operations. Supporting the Smart Grid vision introduces several changes across both business processes and systems, one of the most important being asset data management in an integrated enterprise GIS environment. Vince and Jeff will describe how the rapidly evolving Smart Grid projects have developed over recent months, and how they have approached the challenge of planning a future Smart Grid asset data model around a shifting landscape of enterprise systems and processes.

*Jeff Pires is six years into his career at National Grid, focusing on innovative applications of GIS to electricity distribution asset strategy, outage management, and reliability analysis. Last year he developed the GeoCEMI concept - a new method to geospatially examine a common reliability metric - which was subsequently published in the 2009 ESRI Map Book. Jeff holds a BA in Earth Science from the University of New Hampshire and a Graduate Certificate in Geo-Information Science from Salem State College. Jeff also earned GISP certification in September this year.*

*Vincent J. Forte, Jr. is a Principal Engineer working on Smart Grid for National Grid. Mr. Forte is a licensed professional engineer in New York State. He earned an A.S. in Engineering Science from Hudson Valley Community College in 1977 as well as a B.S. and a Master of Engineering in Electric Power Engineering from Rensselaer Polytechnic Institute in 1978 and 1979 respectively. In the electric utility industry he has held a number of engineering positions, including leading groups in subtransmission planning and distribution planning, as well as holding management positions, including Manager of Engineering and Director of Electric Assets. Mr. Forte has also co-authored papers and articles on customer valuation of interruptions, RF signal transmission over power distribution systems, methods of targeting mitigation for efficient reliability improvement, and Distribution Automation. He is a member of IEEE, NSPE, and HKN.*

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12:00 – 1:00

## *Lunch and Vendor Walkthrough*

Sponsored by  
**VELCO**

1:00 – 1:15

Jennifer Tuccinardi  
Recipient of 2009 Ed Forrest internship & scholarship

### **Internship at National Grid, Gas Distribution, Summer 2009**

1:15 – 2:00

Jarrold Harper  
Sr Engineering Technician and CAD/GIS Team Lead, VELCO

### **Mobile GIS Delivers Environmental and Efficiency Benefits**

In an effort to continually improve how the Vermont Electric Power Company (VELCO) maintains its seven hundred miles of transmission lines, VELCO's Right-of-Way Management Department has begun using mobile computing technology to map the vegetation located within its rights-of-way. To collect the data, VELCO has deployed a custom ESRI ArcPAD application on tablet computers with internal GPS receivers. The maps created from the data can then be used to acquire more accurate budgetary quotes from vegetation management companies and to better communicate with the State of Vermont the work VELCO will be conducting.

The presentation will discuss the technology that was evaluated, the application that was developed for collecting the data and how the system has improved how VELCO manages its rights-of-way.

*Jarrold Harper works for the Vermont Electric Power Co. (VELCO) in Rutland, Vermont as a Senior Engineering Technician and the Team Lead for the CAD/GIS Group. He has worked for VELCO for 18 years. He attended the Vermont Technical College where he received a degree in Electrical/Electronics Engineering Technology and also holds a GIS certificate from Penn State's World Campus. In April 2004 he received the Vermont Spatial Data Partnership's award for "Outstanding Achievement in GIS".*

*Jarrold has been working with CAD technology since 1991 and GIS technology since 1995. His GIS responsibilities include creating and maintaining digital and paper maps for the Right-of-Way, Civil, Planning, and Special Projects departments. He also helped develop, implement and maintains the intranet mapping system which helped bring GIS to the desktop of any of the 150 employees who need it.*

2:00 – 2:15

## *Break & Vendors*

Sponsored by  
**National Grid**

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2:15 – 3:00

Eric Offenberg, PE  
Principal, SGE/Northeast Engineers & Consultants

### **The Engineering and Economics of Wind Energy**

This talk will address:

- Entering the Renewable Energy market
- Repurposing traditional engineering skills for renewable energy
- Wind energy
- The engineer/procure/construct process for a Wind Turbine
- Federal Stimulus funds

*Eric Offenberg has many years of experience as a professional engineer, with licenses in RI and CT, and has been a partner at SGE since 2005. SGE, and its division Sustainable Global Energy and Northeast Engineers based in Middletown, RI, is a global company providing services for infrastructure, engineering, renewable energy, and construction program management in North America and the emerging markets.*

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3:00 – 3:15

### **Election of 2010 Board of Directors**

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## **Registration for the Conference**

Register on line at:

[http://gita.org/chapters/new\\_england/NE\\_Fall\\_2009\\_Reg\\_Form.pdf](http://gita.org/chapters/new_england/NE_Fall_2009_Reg_Form.pdf)

Please have your GITA membership number ready to include in the registration form.

GITA & URISA members	\$75.00	(\$85.00 at the door)
Non-members	\$90.00	(\$100.00 at the door)
Students	\$25.00	(same price at the door)

## **Location**

Holiday Inn – Rutland/Killington

476 US Route 7S

Rutland, VT 05701

<http://www.hivermont.com>

(802) 775.1911

## **Directions**

### From New York and New Jersey:

- Take Exit 20 off the Northway (I-87) to NY 149. In Fort Ann, turn left onto Rt. 4 to Rutland. Turn left onto Rt. 7. We are located 1/4 mile north of Rt.4 west.

### From Connecticut and Western Massachusetts:

- Take Rt. 103 (Exit 6) north off I-91 to Rt. 7. Follow Rt. 7 north 4 miles.

### From Boston and Eastern Massachusetts:

- Take I-93 north to I-89 (just south of Concord, NH). Take Exit 1 over the Vermont border marked Rutland and Woodstock. Follow Rt. 4 west to the junction of Rt. 7. Make a left onto Rt. 7. Holiday Inn is two miles south of junction on right.

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Vendor Hall:

