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### **ALABAMA POWER COMPANY**

- Ergonomic Tool for Moving Electric Utility Manhole Covers Benjamin Cross, Chris Fitzgerald

### **ALLIANT ENERGY**

Monarch Butterfly Habitat Model and Landholding Assessment
Wendy Greene, Deborah Frosch

### **AMEREN**

- Monarch Butterfly Habitat Model and Landholding Assessment
  Kevin Atkins, Jennifer Queen
- Utilities Benefit from Spent Fuel Pool Criticality Analysis Optimization and Improved Efficiency for Regulatory Review Christopher John Ehmke

### **AMERICAN ELECTRIC POWER**

Maintaining Grid Stability with Inverter Based Resources Dr. Nishantha Ekneligoda, Robert J. O'Keefe

### **AMPRION**

AC/DC Hybrid Line Ion Emissions and EMF Evaluation Dr. Markus Franke, Alex Wollny

# **CENTRAL HUDSON GAS & ELECTRIC CORPORATION**

Building Electrification
Technologies for New York State
John Borchert

# CHINA NATIONAL NUCLEAR POWER COMPANY, LTD.

FORO Nuclear and CNNP/SNERDI Adopt EPRI's Guidelines for PWR Nuclear Safety to Support Long-Term Operations in Spain and China Luan Xingfeng, Xu Feng, Zhao Chuanli

# CHUBU ELECTRIC POWER COMPANY

Chubu Validates and Applies EPRI PMBD Tool for Maintenance Strategy Optimization, Realizing Sizable Cost Savings

Naoki Hiramatsu, Shou Kawakami, Hiromasa Okuda, Yoshihiro Morimoto, Yasushi Wakayama

# CNNC SANMEN NUCLEAR POWER COMPANY, LTD.

CNNC Saves Millions with Methodical Analysis of Conservative Component Replacement Intervals Chen Lunshou, Fan Fuping, Guan Yihao, Liu Yinxu, Lyu Yuanliang, Wang Zihu

# CONSOLIDATED EDISON COMPANY OF NEW YORK

- Ergonomic Tool for Moving Electric
  Utility Manhole Covers
  Brenda Hill, Prakash Kothari,
  Steve Labudzinski
- Industrial Control Systems
  Automated Digital Forensics
  Harvester
  Richard Alcalde, Serena Lee,
  Piotr Lisowski
- Risk Framework to Develop New Transmission Ratings

  Jade Wong

# CONSTELLATION ENERGY GENERATION LLC

- Constellation's Industry-First Application of Non-welded Pipe Fittings Highlights Substantial Cost Saving Opportunity Maher Kassar
- Utilities Benefit from Spent
  Fuel Pool Criticality Analysis
  Optimization and Improved
  Efficiency for Regulatory Review
  Joe Bernhardt, Chukai Yin

### **CONSUMERS ENERGY**

- DER Network Gateways for Control Integration of Smart Inverters
  Rosanna Kallio
- Fleet Electrification Planning and Assessment for New Load Matt Henry, Ian Meredith

### **COOPERATIVE ENERGY**

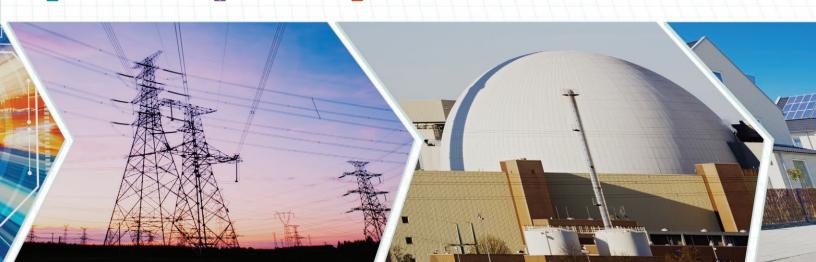
Risk Framework to Develop New Transmission Ratings

Jason Goar



1 NUCLEAR

ENERGY DELIVERY & CUSTOMER SOLUTIONS



# DAIRYLAND POWER COOPERATIVE

Novel Application of Traveling Screens for Fish Protection

Benjamin D. Campbell, Brad Foss

### DOMINION ENERGY, INC.

- Fleet Electrification Planning and Assessment for New Load Zohreh Hosseini
- Utilities Benefit from Spent Fuel Pool Criticality Analysis Optimization and Improved Efficiency for Regulatory Review Kasey Kennett

### **DTE ENERGY**

Mitigation of Yaw Issues in Wind Turbines to Improve Annual Energy Production

Shannon Baker, Matthew Beemer, Jake Carney

### **DUKE ENERGY**

- Duke Energy Eliminates Condenser In-leakage with EPRI Guidance, Significantly Reducing Costs and Downtime

  William Kerr
- Leadership in Exploring a New Groundwater Monitoring Approach Bryan Thomas Moeller, Dee O'Brien, Ed Sullivan, John R. Toepfer
- Mitigating Distribution Impacts of High Photovoltaic Penetration Kevin Chen, Staci Haggis, Trent Miller
- Risk Framework to Develop New Transmission Ratings

  Prasad Yenumula

### ÉLECTRICITÉ DE FRANCE

DER Network Gateways for Control Integration of Smart Inverters Quentin Morel

### **ENEL S.P.A.**

Creation of a Bifacial PV Performance Measurement Technique Alessandro Incalza, Lorenzo Todaro

### **EVERGY**

DER Network Gateways for Control Integration of Smart Inverters Julie Way

### **EXELON**

- DER Network Gateways for Control Integration of Smart Inverters Sean W. Carr (ComEd), Damel Goddard (BGE), Jeffrey W. Tisa
- Fleet Electrification Planning and Assessment for New Load Christopher J. Budzynski (Exelon), Joe Long (PECO), Saul Morales (ACL), Oyekunle Oyedeji (BGE), Vincent Westfallen (ComEd), Qin Zhang (Pepco Holdings)
- RF Monitoring and Wind Mitigation in Fiber Optic Supply Cables

  Jessie Bauer (ComEd),

  Ryan Kelly (ComEd)

### **FAYETTEVILLE PUBLIC UTILITIES**

Fleet Electrification Planning and Assessment for New Load Nathan Taylor

# FIRST NATIONAL OPERATION & MAINTENANCE COMPANY (NOMAC)

In-Situ Rotor Lifespan Analysis Improves Precision Maintenance Stefan Verlee

### **FIRSTENERGY**

☑ IEC 61850 Digital Substation Technologies Implementation & Development Eric Schock, Julie Sofaly

#### FLORIDA POWER & LIGHT

Maintaining Grid Stability with Inverter Based Resources Huzaifa Karimjee, Joe Ribeiro

### FORO DE LA INDUSTRIA NUCLEAR ESPANO

FORO Nuclear and CNNP/SNERDI Adopt EPRI's Guidelines for PWR Nuclear Safety to Support Long-Term Operations in Spain and China Marta Baladia, Isabel Mach, Cosme Munoz

### ICE

Application of Transmission Asset
Management Analytics Tools &
Techniques
Christian Valerio Mena,
Josué Daniel Hidalgo Quesada,

Freddy Vargus Richmond



### ISA

Application of Transmission Asset Management Analytics Tools & Techniques

Victor Diez, Ivan Javier Lozada, Leon Augusto Martinez, Nelson Javier Mesa Palacio, Juan Fernando Quintero, Cristian Yesid Urrea

### **ISO NEW ENGLAND**

- Maintaining Grid Stability with Inverter Based Resources Xinghao Fang, Faheem Ibrahim, Xiaochuan Luo, Jason Ploof, Qiang "Frankie" Zhang
- Systematic Approach to Determine Risk of Extreme Weather Conditions on Energy Adequacy Stephen George, Ke Ma, Jinye Zhao

### KERNKRAFTWERK LEIBSTADT AG

KKL Expands on EPRI's Seismic Fire and Flood Guidance to Address New Regulatory Requirements Olivier Nusbaumer, Albena Stoyanova, Pavol Zvoncek

# KOREA ELECTRIC POWER CORPORATION

DER Network Gateways for Control Integration of Smart Inverters Seongsoo Cho, Inji Choi, Jongmin Jo, Yoojin Kwon, Nogil Myoung

# KOREA MIDLAND POWER COMPANY

Independent GT24 Combustion Tuning Technical Basis Development

Jinwook Choi, Youngbok Han, Yongu Jang, Moonsoo Kim, Songkil Kwon, Seik Park, Junkyu Sung

#### LINCOLN ELECTRIC SYSTEM

Object Based Image Analysis Wetlands Identification Tool Melissa Landis

# LOS ANGELES DEPARTMENT OF WATER AND POWER

- Fleet Electrification Planning and Assessment for New Load Karl Agbayani, Vida Daneshmand, Peter Liang, Yamen Nanne
- ▼ Voltage Conversion Assessment for Supporting Future Load Kent Chan, Tomy Giang, Steven Lam, Peter Liang, Yamen Nanne, Vincent Zabukovec

### NATIONAL GRID USA

Distribution Asset Condition Monitoring Technologies James George, Jonathan Gonynor

### NEW YORK INDEPENDENT SYSTEM OPERATOR, INC.

### **NEW YORK POWER AUTHORITY**

- Building Electrification Technologies for New York State Alan Ettlinger, Guy Sliker
- DER Network Gateways for Control Integration of Smart Inverters
  James Weaver
- IEC 61850 Digital Substation Technologies Implementation & Development Frank Ronci, PE
- Infrared Drones Reduce Risk and Cost in Air-Cooled Condenser Inspections Yefim Kashler
- Maintaining Grid Stability with Inverter Based Resources Xia Jiang
- Monarch Butterfly Habitat Model and Landholding Assessment
  Cari D. Ficken, John Nolan,
  Lewis Payne
- Underground Transmission Highpressure Fluid-filled Cable Systems Assessment Sean Eagleton, Alan Ettlinger, Zhong "Kyle" Zheng



# NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION

# ONTARIO POWER GENERATION, INC.

Ontario Power Generation Uses EPRI Guidance for Proactive Assessment of Climate Change Challenges

Kelly Reid, Aditya Walke

# PACIFIC GAS AND ELECTRIC COMPANY

Risk Framework to Develop New Transmission Ratings Will Dong

### **PNM RESOURCES**

Monarch Butterfly Habitat Model and Landholding Assessment
Mikaela Busher, Alaina Pershall

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- Ergonomic Tool for Moving Electric Utility Manhole Covers Ben Lumsden
- Fleet Electrification Planning and Assessment for New Load Aaron Banks, Andy Eiden, Jennifer Galaway

# PUBLIC SERVICE ENTERPRISE GROUP, INC.

PSEG Applies EPRI Phased-Array Ultrasonic Testing Technique for Reactor Vessel Nozzle Inspections from Outside Surface
Michael Oliveri, Sam Speer,
Gregory M. Suey, Mitchell Wygand

### SACRAMENTO MUNICIPAL UTILITY DISTRICT

Monarch Butterfly Habitat Model and Landholding Assessment Kathleen Ave

### **SALT RIVER PROJECT**

- DER Network Gateways for Control Integration of Smart Inverters Juan Cardona
- Long Duration Energy Storage
  Technology Evaluation and
  Procurement
  Richard Anderson, Collin Friedrich,
  Chico Hunter, Tessa Murdock,
  Arvind Patel, Eric Robinson
- Monarch Butterfly Habitat Model and Landholding Assessment
  Chuck Paradzick
- Risk Framework to Develop New Transmission Ratings Bryce L. Priest

### SANTEE COOPER

Multi-Technology Approach to Increase Fish Survivability

Jane Campbell, Louis A. Manigault II,

William Stevick

### **SEATTLE CITY LIGHT**

- Fleet Electrification Planning and Assessment for New Load Stefanie Johnson, Uzma Siddiqi, Angela Song
- ▼ Value Framework for Building and Transportation Electrification for the City of Seattle Mike Hamilton, Stefanie Johnson, Madeline Kostic, Irina Rasputnis

# SHANDONG NUCLEAR POWER COMPANY LTD.

EPRI's Data Driven Decision Making Helps SNDPC Implement a Smart Corrective Action Program System for Improved Safety, Reduced Costs Li Zhongzhe, Liu Fei, Lv Conglin, Wang Jiaqiang, Wu Fang, Xing Chao, Yan Dong, Yu Bingying

# SHANGHAI NUCLEAR ENGINEERING RESEARCH & DESIGN INSTITUTE CO., LTD

FORO Nuclear and CNNP/SNERDI Adopt EPRI's Guidelines for PWR Nuclear Safety to Support Long-Term Operations in Spain and China Meng Fanjiang, Shi Xiuqiang, Zhang Zhai

### SOUTHERN CALIFORNIA EDISON

Fleet Electrification Planning and Assessment for New Load
Ilia Gueorguiev, Matthew Tonyan,
Jun Wen, Le Xu



### **SOUTHERN COMPANY**

- DER Network Gateways for Control Integration of Smart Inverters Andrew Ingram
- Fleet Electrification Planning and Assessment for New Load
  Thomas Canada
- ☑ IEC 61850 Digital Substation Technologies Implementation & Development Jonathan Doroh, Glenn Wilson
- Potential System Impacts of Electric Vehicle Charging and Driving Behaviors Shardul Modi, Brooke Williams
- Underground Transmission Highpressure Fluid-filled Cable Systems Assessment Katherine Giometti (Georgia Power Co.), Frank Li, Mark Smith, Andrew Wright (Georgia Power Co.)

### STP NUCLEAR OPERATING COMPANY

EPRI Helps STP Validate Innovative Ultrasonic Methods for PCCP Evaluation, Saving Significant Time and Resources Richard A. Stark

# SUNFLOWER ELECTRIC POWER CORPORATION

Development of a Minimum Operating Temperature Framework for Thermal Plants Mike Thompson

### TAIWAN POWER COMPANY

Corrosion Product Monitoring Optimization Chu-Chi Chang, Chin-Lung Chen, Bi-Li Fu, Yen-Chin Lin, You-Lun Sie

Chu-Chi Chang, Chin-Lung Chen, Bi-Li Fu, Yen-Chin Lin, You-Lun Sie, Chih-Ming Tsao, Chun-Shian Wu, Jian-Ren Yu

- Mitigating Distribution Impacts of High Photovoltaic Penetration Kuan Hua Su, Chang Wen Chi
- Taipower Gains Exemption for Bottom-Mounted Nozzle Ultrasonic Test Based on EPRI MRP Research Hsin-yu Chen, Ci Gao, Heng-Sheng Lin, Rong-Yi Lin

### **TENNESSEE VALLEY AUTHORITY**

- DER Network Gateways for Control Integration of Smart Inverters Sam Delay
- Fleet Electrification Planning and Assessment for New Load

  Apsana Bhandari (KUB), Zack Cole, (KUB), Steven Coley, Drew Frye, Deryl Long (MTE), Ryan Stanton, Larry D. Taylor, PE (MTE)
- Monarch Butterfly Habitat Model and Landholding Assessment Suzanne Fisher, Hill Henry, Holly Grace Hoyle, Justin Hunteman

### **TRANSENER**

Application of Transmission Asset Management Analytics Tools & Techniques

Martin Acosta, Hugo Contreras, Ezequiel González, Mariano Gonzalez, Sergio Martinez, Ezequiel Niselewicz, Robert Schurman, Hernán Vanni

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☑ Vattenfall Leverages EPRI Resources to Stymie History of Fuel Failures with an Improved Foreign Material Exclusion Program Niklas Dahlberg

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₩ Hydrogen With Natural Gas
 Blending in a Grid-Connected
 Reciprocating Internal Combustion
 Engine
 Todd Duffield, Scott Johnson,

### **XCEL ENERGY SERVICES, INC.**

Dan Krueger, Paul Spicer

- Mitigating Distribution Impacts of High Photovoltaic Penetration Beth Chacon, Matthew Hagen, Yashar Kenarangui, Jessica Lau



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