







## Grid Security Conference (GridSecCon) 2017 Draft Agenda

InterContinental St. Paul Riverfront  
11 Kellogg Boulevard East, St. Paul, Minnesota  
October 17-20, 2017 | Central Time Zone

### Monday, October 16, 2017 | Pre-Conference






6:00 p.m.-8:00 p.m. Evening Registration (no reception) - Great River Ballroom Pre-Function Space

### Tuesday, October 17, 2017 | Training Day morning sessions

8:00 a.m.-12:00 p.m.	Training Tracks	Training Providers
	<b>1A: GridEx IV – Move Zero Training</b> Great River South (200 seats) GridEx IV participants only	E-ISAC, U.S. Department of Energy, Idaho National Laboratory and SANS Institute. (Pick <b>both</b> 1A and 1B)
	<b>2A: Physical Security Workshop I</b> Kellogg Room (120 seats)	TBD
	<b>3A: Convergence of Cybersecurity Situational Awareness Capabilities for the Energy Sector</b> State Suite (100 seats)	National Cybersecurity Center of Excellence   National Institute of Standards and Technology
	<b>4A: Designing a Powerful NERC CIP Training and Awareness Program</b> Governors 1 (80 seats)	Curricula, LLC
	<b>5A: Live Exercise: Red Teaming the Micro Grid</b> Governors 3 (60 seats)	Norwich University Applied Research Institutes
<b>12:00 p.m.-1:00 p.m.</b>	<b>Lunch – Great River North</b>	



## Tuesday, October 17, 2017 | Training Day afternoon sessions

1:00 p.m.-5:00 p.m.	Training Tracks	Training Providers
	<b>1B: GridEx IV – Move Zero Training</b> Great River South (200 seats) GridEx IV participants only	E-ISAC, U.S. Department of Energy, Idaho National Laboratory and SANS Institute. (Pick <b>both</b> 1A and 1B)
	<b>2B: Physical Security Workshop II</b> Kellogg Room (120 seats)	Physical Security Advisory Group (facilitated by the E-ISAC)
	<b>3B: Mission Dependency Analysis</b> State Suite (100 seats)	Johns Hopkins Applied Physics Laboratory
	<b>4B: Patching Lessons Learned: An Interesting Perspective</b> Governors 1 (80 seats)	Foxguard Solutions
	<b>5B: Threat Modeling, Intelligence Consumption, and Hunting in ICS</b> Governors 3 (60 seats)	Dragos, Inc.
<b>6:00 p.m.-9:00 p.m.</b>	<b>Welcome and Networking Reception – Minnesota Court/Ballroom</b>	

## Wednesday, October 18, 2017 | Strategies and Threat Day | Great River Ballroom

<i>Time</i>	<i>Activity and Speaker</i>
7:30 a.m.-8:15 a.m.	<b>Registration (Great River Pre-Function Space) and Continental Breakfast</b> Minnesota Court/Ballroom
8:15 a.m.-8:30 a.m.	<b>Logistics</b> - Bill Lawrence, Director of the E-ISAC
8:30 a.m.-9:00 a.m.	<b>Welcome Address and Opening Keynote</b> - Gerry Cauley, President and CEO, North American Electric Reliability Corporation
9:00 a.m.-9:30 a.m.	<b>Host Utility Keynote</b> - Ben Fowke, Chairman of the Board, President and CEO, Xcel Energy
9:30 a.m.-10:00 a.m.	<b>Energy Keynote</b> - TBD, Department of Energy
10:00 a.m.-10:30 a.m.	<b>Break</b> - Minnesota Court/Ballroom



## Wednesday, October 18, 2017 | Strategies and Threat Day | Great River Ballroom

<i><b>Time</b></i>	<i><b>Activity and Speaker</b></i>
10:30 a.m.-11:05 a.m.	<b>Industry's Work with Government Partners</b> Scott Aaronson, Executive Director, Security and Business Continuity, Edison Electric Institute Francis Bradley, Chief Operating Officer, Canadian Electricity Association
11:05 a.m.-11:40 a.m.	<b>Law Enforcement and the Electricity Industry – TBD, FBI</b>
11:45 a.m.-1:00 p.m.	<b>Off-site Lunch at Union Depot - 214 4<sup>th</sup> Street East, Suite 300, St. Paul, Minn.</b>
1:00 p.m.-1:45 p.m.	<b>Insider Threat</b> Moderator: Carl Herron, Senior Manager, Physical Security, E-ISAC Joseph Ladd, Information Technology Manager, Fusion Center, Southern Company Sharon Chand, Principal, Deloitte and Touche Cyber Risk Services Team
1:45 p.m.-2:45 p.m.	<b>Midwest Reliability Organization Security Advisory Council</b> Moderator: Steen Fjalstad, Security and Mitigation Principal, Midwest Reliability Organization Mike Kraft – Basin Electric Power Cooperative, Senior Engineer Steve Brown – Xcel Energy, Vice President and Chief Security Officer Jodi Jensen – Western Area Power Administration, Senior SCADA Specialist Warren Laplante – ALLETE Security, Manager
2:45 p.m.-3:15 p.m.	<b>Break - Minnesota Court/Ballroom</b>
3:15 p.m.-3:45 p.m.	<b>Geomagnetic Disturbances and High-Altitude Electromagnetic Pulse Research</b> Bob Arritt, Technical Executive Grid Operations and Planning, Electric Power Research Institute
3:45 p.m.-5:15 p.m.	<b>Collateral Damage in the Age of Hybrid War (the Threats of Modern Malware)</b> Moderator: Timothy Roxey, Vice President and Chief Special Operations Officer, E-ISAC Robert Lee, Chief Executive Officer, Dragos, LLC Michael Assante, Director of Critical Infrastructure and Curriculum Lead, ICS and SCADA, SANS Institute Sam Chanoski, Director of Situation Awareness and Event Analysis, NERC Mark Fabro, President and Chief Security Scientist, Lofty Perch, Inc.
5:15 p.m.	<b>Closing Remarks</b>
6:00 p.m.-9:00 p.m.	<b>Evening Networking Reception - Minnesota Court/Ballroom</b>



## Thursday, October 19, 2017 | Solutions Day | Great River Ballroom

<b><i>Time</i></b>	<b><i>Activity and Speaker</i></b>
7:30 a.m.-8:15 a.m.	<b>Continental Breakfast</b> - Minnesota Court/Ballroom
8:15 a.m.-9:45 a.m.	<b>E-ISAC Experts Present</b> - E-ISAC staff
9:45 a.m.-10:15 a.m.	<b>Break</b> - Minnesota Court/Ballroom
10:15 a.m.-11:45 a.m.	<b>Lightning Round Presentations (10 minutes each)</b>
	<b><i>Drones and the Threat to Critical Infrastructure</i></b> - Ernie Hayden, ICS Cyber and Physical Security, BBA, Inc.
	<b><i>Applying Military Grade Security for Utilities and Grid Based Networks</i></b> - Dan Amiga, Co-founder and Chief Technology Officer, Fireglass
	<b><i>The Elusive but Essential Return on Investment</i></b> - Donna Vignes, Security Program Manager, MISO
	<b><i>Implementing Application Whitelisting on Computers Used for Protection and Control</i></b> - Bernard Tatera, Principal Engineer in the Systems Automation Group, Pacific Gas & Electric
	<b><i>Perimeter Detection Technologies</i></b> - Brady Flamm, Vice President of Business Development, Thermal Imaging Radar
	<b><i>Visibility is the Key to Protection</i></b> - Rick Kaun, Vice President of Solutions, Verve Industrial Protection
	<b><i>Designing Secure Remote Access Solutions for Substations</i></b> - John Biasi, Senior Cybersecurity Specialist, Burns & McDonnell
11:45 p.m.-1:00 p.m.	<b>Off-site Lunch at Landmark Center</b> - 75-5 <sup>th</sup> Street West, St. Paul, Minn.
1:00 p.m.-2:00 p.m.	<b>Cyber and Physical Security Convergence</b>
	Moderator: Tobias Whitney, Senior Manager of CIP Compliance, NERC
	Gwenda Matieshin, IT Project Leader, Manitoba Hydro
	Pat Ervin, Power Grids Compact Substation Business Development Manager, ABB
	Tyler Mullican, Vice President of Security Architecture, Fortress Information Security
2:00 p.m.-3:00 p.m.	<b>Supply Chain Management</b>
	Moderator: Howard Gugel, Senior Director, Standards and Education, NERC
	James Chuber, Supply Chain Operations Manager, Duke Energy
	Tom Alrich, Senior Manager, Enterprise Risk Services, Deloitte
	Michael Toecker, Owner/Engineer, Context Industrial Security
	Orlando Stevenson, Manager, Programs and Plans, E-ISAC
3:00 p.m.-3:30 p.m.	<b>Break</b> - Minnesota Court/Ballroom
3:30 p.m.-4:00 p.m.	<b>Rapid Attack Detection Isolation and Characterization Systems (RADICS)</b> –
	Walter Weiss, Program Manager, Information Innovation Office (I2O), Defense Advanced Research Projects Agency



## Thursday, October 19, 2017 | Solutions Day | Great River Ballroom

### *Time*

4:00 p.m.-5:00 p.m.

### *Activity and Speaker*

**GridEx IV (panel discussion)**

Moderator: Jacob Schmitter, Senior Manager, Exercises and Training, E-ISAC  
 Tim Conway, Technical Director, ICS and SCADA, SANS Institute  
 Steven Briggs, Senior Program Manager, Instrumentation and Controls (I&C)  
 Systems and Generation Cyber Security, Tennessee Valley Authority  
 Doug Flood, Associate, Booz Allen Hamilton

5:00 p.m.

**GridSecCon 2017 Closing Comments**

## Friday, October 20, 2017 | Tours and Briefings Day

### *Time*

7:30 a.m.-8:00 a.m.

### *Activity and Speaker*

**Continental Breakfast** - Minnesota Court/Ballroom

8:00 a.m.-9:30 a.m.

**Threat Briefing - For Official Use Only** - Kellogg Room

10:00 a.m.-12:00 p.m.

**Classified Briefing (Secret clearance required | transportation provided)**

FBI - Minneapolis

1501 Freeway Boulevard, Brooklyn Center, Minn. 55430

Times are TBD

**Utility Tours in the Local Area**