








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
	1A: GridEx IV – Move Zero Training Great River South (200 seats) GridEx IV participants only	E-ISAC, U.S. Department of Energy, Idaho National Laboratory and SANS Institute. (Pick both 1A and 1B)
	2A: Physical Security Workshop I Kellogg Room (120 seats)	TBD
	3A: Convergence of Cybersecurity Situational Awareness Capabilities for the Energy Sector State Suite (100 seats)	National Cybersecurity Center of Excellence National Institute of Standards and Technology
	4A: Designing a Powerful NERC CIP Training and Awareness Program Governors 1 (50 seats)	Curricula, LLC
	5A: Live Exercise: Red Teaming the Micro Grid Governors 3 (75 seats)	Norwich University Applied Research Institutes
12:00 p.m.-1:00 p.m.	Lunch – Great River North	



Tuesday, October 17, 2017 | Training Day afternoon sessions

1:00 p.m.-5:00 p.m.	Training Tracks	Training Providers
	1B: GridEx IV – Move Zero Training Great River South (200 seats) GridEx IV participants only	E-ISAC, U.S. Department of Energy, Idaho National Laboratory and SANS Institute. (Pick both 1A and 1B)
	2B: Physical Security Workshop II Kellogg Room (120 seats)	Physical Security Advisory Group (facilitated by the E-ISAC)
	3B: Mission Dependency Analysis State Suite (100 seats)	Johns Hopkins Applied Physics Laboratory
	4B: Patching Lessons Learned: An Interesting Perspective Governors 1 (50 seats)	Foxguard Solutions
	5B: Threat Modeling, Intelligence Consumption, and Hunting in ICS Governors 3 (75 seats)	Dragos, Inc.
6:00 p.m.-9:00 p.m.	Welcome and Networking Reception – Minnesota Court/Ballroom	

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



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

<i>Time</i>	<i>Activity and Speaker</i>
10:30 a.m.-11:05 a.m.	Industry's Work with Government Partners 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.	Law Enforcement and the Electricity Industry – TBD, FBI
11:45 a.m.-1:00 p.m.	Off-site Lunch at Union Depot - 214 4th Street East, Suite 300, St. Paul, Minn.
1:00 p.m.-1:45 p.m.	Insider Threat 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.	Midwest Reliability Organization Security Advisory Council 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.	Break - Minnesota Court/Ballroom
3:15 p.m.-3:45 p.m.	Geomagnetic Disturbances and High-Altitude Electromagnetic Pulse Research Bob Arritt, Technical Executive Grid Operations and Planning, Electric Power Research Institute
3:45 p.m.-5:15 p.m.	Collateral Damage in the Age of Hybrid War (the Threats of Modern Malware) 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.	Closing Remarks
6:00 p.m.-9:00 p.m.	Evening Networking Reception - Minnesota Court/Ballroom



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

<i>Time</i>	<i>Activity and Speaker</i>
7:30 a.m.-8:15 a.m.	Continental Breakfast - Minnesota Court/Ballroom
8:15 a.m.-9:45 a.m.	E-ISAC Experts Present - E-ISAC staff
9:45 a.m.-10:15 a.m.	Break - Minnesota Court/Ballroom
10:15 a.m.-11:45 a.m.	Lightning Round Presentations (10 minutes each) <ul style="list-style-type: none"> <i>Drones and the Threat to Critical Infrastructure</i> - Ernie Hayden, ICS Cyber and Physical Security, BBA, Inc. <i>Applying Military Grade Security for Utilities and Grid Based Networks</i> - Dan Amiga, Co-founder and Chief Technology Officer, Fireglass <i>The Elusive but Essential Return on Investment</i> - Donna Vignes, Security Program Manager, MISO <i>Implementing Application Whitelisting on Computers Used for Protection and Control</i> - Bernard Tatera, Principal Engineer in the Systems Automation Group, Pacific Gas & Electric <i>Perimeter Detection Technologies</i> - Brady Flamm, Vice President of Business Development, Thermal Imaging Radar <i>Visibility is the Key to Protection</i> - Rick Kaun, Vice President of Solutions, Verve Industrial Protection <i>Designing Secure Remote Access Solutions for Substations</i> - John Biasi, Senior Cybersecurity Specialist, Burns & McDonnell
11:45 p.m.-1:00 p.m.	Off-site Lunch at Landmark Center - 75-5 th Street West, St. Paul, Minn.
1:00 p.m.-2:00 p.m.	Cyber and Physical Security Convergence <ul style="list-style-type: none"> 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.	Supply Chain Management <ul style="list-style-type: none"> 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.	Break - Minnesota Court/Ballroom
3:30 p.m.-4:00 p.m.	Rapid Attack Detection Isolation and Characterization Systems (RADICS) – <ul style="list-style-type: none"> 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