

1st SmartGrid Resilience (SGR) Workshop

In conjunction with GLOBECOM 2015

#GLOBECOM

December 6 – 10 , San Diego

CA, USA

CALL FOR PAPERS

The aim of the workshop is to bring together researchers working in the broad area of resilience in Smart Grids (SGs). Resilience is defined as the ability of the SG to provide an acceptable level of service to the end consumer in the face of various challenges. Hence, the domain of resilience covers a range of issues related with the defense, detection, diagnosis and remediation of challenges initiated in the cyber and power infrastructure of the SG as well as with its recovery and refinement.

The focus of the workshop is on communication, networking and system-oriented techniques that tackle challenges initiated on the various networked components composing the communication infrastructure of the SG that directly affect the high-level functions of the demand-response (DR) model, smart metering, electric vehicles (i.e. automated (dis)-charging based on dynamic pricing signals), outage management, distributed energy resources and cyber-security.

Previously unpublished contributions in resilience methodologies derived by experimental and theoretical communication, networking and analytics techniques for the SmartGrid are solicited including:

Disaster-aware resilience solutions	Resilience control systems	Anomaly detection & remediation
Resilience architectures	Instrumentation of resilience policies	Cloud-based resilience solutions
Outage management	Cyber-physical security	Sustainability solutions
Recovery solutions	Experimental SG resilience analysis test-beds	

Important Dates

Submission deadline: July 1st, 2015
Authors Notification: September 1st, 2015
Final Manuscript Due: October 1st, 2015

Workshop Co-chairs

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For more information, visit:

http://www.com.utoronto.ca/~petros/GR_SGR2015/