PSCC Subcommittee TF S10 Meeting Minutes

Designation:	Name:				
TF S10	Utility & Municipality Challenges on Analyzing and Implementing Cybersecurity Standards and Best Practices				

Meeting Location:		Meeting Time:	Meeting Date:	Minutes Revised:	Minutes Approved:
WebEx Meeting		2:20 P.M. CST	2021/01/11		2021/05/03

PAR Output:	PAR Output:	PAR Approval Date:	PAR Expiration Date:	Target Sponsor Ballot Date:	Target Completion Date:
N/A	N/A	N/A	N/A	N/A	N/A

Presiding Officer:	Recorded by:	Draft Number:
Jeff Pack, Chair	Jeff Pack, Chair	[1.1]

Attendance:

Name	Affiliation	Attending via Phone (P) / Web (W) or Local (L)	M/CM/G
Jeff Pack	POWER Engineers, Inc.	W	M
Jim Michaelis	Commonwealth Associates, Inc.	W	G
James Formea	Eaton	W	G
Mike Dood	SEL	W	M
Craig Rieger	INL	W	G
Shane Haveron	Ametek	W	M
Priyanka Nadkar	SEL	W	G
Mario Jardim	Schneider Electric	W	G
Dan Nordell	Xcel Energy	W	G
Scott Mix	PNNL	W	M
Seth Nelson	Basler Electric	W	G
Wayne Stec	Distregen, LLC	W	G
Jason Lombardo	S&C Electric Company	W	G
Hani Al-Yousef	Eaton	W	G
Randy Hamilton	Basler Electric	W	G
Craig Pruess	Black and Veatch	W	M
Jay Mearns	Northern California Power Agency	W	G
Dennis Holstein	Opus Consulting	W	G
Steven Kunsman	Hitachi ABB Power Grids	W	G
Herb Falk	OTB Consulting Services	W	G
Eric Thibodeau	Hydro-Quebec	W	G
David Dolezilek	SEL	W	G
Jackie Wilson	Ameren	W	G
Xiangyu Ding	S&C Electric Company	W	G
Mason Griffin	CMY Solutions	W	G
Anthony Johnson	SCE	W	G
Karen Wyszczelski	SEL	W	G
Jesse Silva	SCE	W	G
Yuchen Lu	EPRI	W	G

M:Member
CM: Corresponding Member
G: Guest

Item no.	Notes	Action by
CALL TO ORDER	Called to order by the chair at 2:02 p.m. CST	Pack
INTRODUCTIONS AND QUORUM	Third TF meeting – all attendees on WebEx call.	Pack
CALL FOR PATENTS AND COPYRIGHT	Patent slides and copyright slides presented to group.	Pack
CHAIR'S REMARKS	Meeting minutes were sent to attendees of the second meeting.	Pack
AGENDA APPROVAL	Agenda was presented with no specific comments.	Pack
APPROVAL OF PREVIOUS MINUTES	N/A – Task Force	Pack
Review TF10 Title, Scope, Purpose	The chair shared the purpose of the group with the focus on the deliverable as a report.	Pack
Audience	The chair discussed the intended audience for this report and presented a proposal that the audience be focused on Operations Engineering (OT) Management/Staff and Information Technology (IT) and that we need to cover the OT/IT convergence as part of the overall theme for the report.	Pack
Baseline Standards	The chair presented several options for baseline standards that were mentioned in the previous meeting, including the ISO 27000 series of standards. Holstein mentioned that IEC 62443 and 62351 should also be included. Mix mentioned that certificate management should also be included in the standards discussion. Falk mentioned that the Purdue model may not be sufficient to describe the architecture. Holstein agreed and that there should be a cross reference between the IEC and ISO standards.	Pack
Applicability Matrix	The chair discussed the need to provide a simplified way to provide a set of baseline requirements and allow an engineering manager or equivalent to develop a set of parameters for developing a cybersecurity program that meets baseline requirements and aligns with the organization's functions, capabilities, resources and staff. Holstein mentioned that maturity should also be included.	Pack
Maturity Model	Jardim mentioned that ENISA has an interactive table for group security measures that may be useful – it is based on ISO 27001 but has cross references to NIST and ISA/IEC 62443. Holstein mentioned that threat issues may be a better way to organize the matrix.	Pack

Item no.	Notes	Action by
Report Outline and Writing Assignments	The chair presented a report outline based on the NIST Risk Management Framework, along with an Introduction, Baseline Standards, an Applicability Matrix and Summary. Falk stated that Education was not included in the report outline and should be a separate section. Mearns mentioned that municipals and public power utilities were not likely to have a significant staff for all of these functions. The chair discussed that this is meant to be guidance for an overworked engineer or technician that got security added to his or her responsibilities. Pruess stated that governance is also not specifically mentioned in the report outline and is likely buried in the framework. Falk mentioned that the program will need everyone's buy-in to be successful. Holstein noted that metrics are also not mentioned in the report outline. Mix discussed that perhaps the report could be turned into a guide after the Task Force has completed the first version and additional areas could be added at that time. Writing assignments completed during this meeting: Introduction – Pack, check by Falk Maturity Model: Holstein, check by Pack Baseline Standards: Holstein, check by Pack Applicability Matrix: Pack, check by Johnson Additional discussion regarding the Applicability Matrix included using C37.240 as a model. Pruess discussed the need to provide summary of frameworks for comparison. Mix asked about the construct of the matrix. The chair believes that the matrix should be a set of applicable standards on one axis and utility functions for the OT on the other, with the cells providing the standards applicable to each functional role. Pruess discussed the need to perform a rationalization of mapping roles and functions to reduce the confusion between different organizational structures. Holstein asked about any survey results to validate the need for the report. Kunzman discussed the original need for this report was driven from an IEEE Cybersecurity meeting attendee that was looking for a place to start building a cybersecurity program for his organization, which was a municipal utility.	Pack
ITEMS REPORTED OUT OF EXECUTIVE SESSION	N/A	
TIME OF FINAL ADJOURNMENT	3:22 p.m. CDT.	
NEXT FACE TO FACE MEETINGS	Unknown	
FUTURE MEETING ROOM REQUIREMENTS	Room Size: 40 Projector: Yes Web Meeting: Yes Conflicts: All PSCC S	