

Converging Cybersecurity Solutions for Energy Systems to Practice

Overview of DLC Future Grid and Cybersecurity Approach

Elizabeth Cook and Matthew Richards Duquesne Light Company

November 22, 2022, 7:00 - 8:00 pm, Israeli time

(12:00-1:00 pm EST, 10:00-11:00am am AZ/Phoenix Time)

Link: https://asu.zoom.us/j/6712258140

Abstract: We will discuss the current work that is occurring at Duquesne Light to prepare for our new energy economy, providing an overview of the digital transformation that must occur for the grid modernization journey, as well as highlighting current cyber security approaches and overall importance to the security of the grid.

Bio:



Elizabeth manages and leads efforts within the transmission and distribution power grid's operations and planning groups. To transform Duquesne Light Company (DLC) into a digital utility of the future, Elizabeth works with internal and external partnerships to collaborate with local, state and federal planning entities, as well as universities and industry, to drive advanced grid solutions and plan for the future power grid. In addition to her responsibilities at DLC, Elizabeth is a mother of six, a business owner and a published author. She holds a doctorate in electrical and computer engineering from the University of Pittsburgh.



Matthew leads efforts for DLC as the Senior Manager of the Identity Access Management and CIP Cybersecurity Operations departments. In order to transform DLC's IAM and Grid Cybersecurity posture Matthew works with internal and external partners including regulatory entities and fellow utilities, to ensure strong adherence to NERC CIP compliance and achievement of DLC's evolving grid cybersecurity goals. Matthew was DLC's 2020 IT Manager of the Year and takes great pride in his ability to build successful teams, establish efficient and repeatable processes, and employ meaningful automation to

achieve continued successful outcomes. In addition to his responsibilities at DLC, Matthew is a devoted husband, father to 4 "fur-kids" (2 dogs and 2 cats), professional mentor, and an avid philanthropist.



