PROPOSED AGENDA

JOINT NYPA & CANAL CYBER & PHYSICAL SECURITY

COMMITTEE MEETING

July 28, 2020 at 8:30 a.m.

Videoconference

1. Adoption of the July 28, 2020 Proposed Meeting Agenda
2. Motion to Conduct an Executive Session
3. Motion to Resume Meeting in Open Session
4. DISCUSSION AGENDA:
   a. COVID Response & Security Update (Larry Mallory & Kenneth Carnes)
5. CONSENT AGENDA:
   a. Adoption of the Joint Meeting Minutes of the Cyber & Physical Security Committee held on January 29, 2020
6. Next Meeting
July 28, 2020

Motion to Conduct an Executive Session

I move that the Committee conduct an executive session pursuant to the Public Officers Law of the State of New York §105 to discuss matters regarding public safety and security.
Motion to Resume Meeting in Open Session

Mr. Chairman, I move to resume the meeting in Open Session.
COVID-19 NYS Response

- **DOL Call Center Support**: 75 Employees over 46 Days
- **NYS Contact Tracers**: 60 Employees (Ongoing)
- **Anthony Wayne Site**: 3 Employees (Ongoing > 140 days). Greater than 28,000 COVID Tests Completed.
- **NYS DHSES Office of Emergency Operations Center / Essential Support Function 1 Transportation Support**:
  - 53 Employees
  - 124 Days Contiguous days onsite
  - Hundreds of moves to deliver PPE, ventilators, generators, traffic control devices & critical equipment throughout the state.
  - Provided Warehouse Support
  - Leadership Role in Specimen-Serology Transportation Task Force (S/STTF)
    - Shipped > 50,000 critical specimens to Wadsworth Lab.
    - Shipped well over a million test kits to 1156 nursing homes.
COVID-19 Cybersecurity Overview

Preparedness
- Digital Worker
- Technology

Response
- Training / Exercises
- Resilience

Security
- Fundamentals
- Forward Looking

Risks

Security

Endpoint
- Phishing
- Advanced Tools
- Remote
- Awareness
Industry Leadership

Cyber Resilience in the Electricity Ecosystem:
Playbook for Boards and Cybersecurity Officers

In collaboration with Accenture and the Electricity Industry Community
June 2020

USE CASE: New York Power Authority
Implementing the principles to improve the active management of cybersecurity and resilience

The New York Power Authority (NYPA) focuses on security and resilience, implementing board principles through monitoring and implementing the toolkit for cyber resilience in the electricity sector. The NYPA has strong board engagement on the critical role the organization plays in New York State and an understanding of how security and resilience of the services provided need clear emphasis.
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Minutes of the regular joint meeting of the New York Power Authority and Canal Corporation’s Cyber and Physical Security Committee held at the Authority’s offices at 123 Main Street, White Plains, New York, at approximately 8:45 a.m.

Members of the Cyber & Physical Security Committee present were:

Michael Balboni - Chairman
John R. Koelmel
Eugene L. Nicandri
Anthony Picente, Jr.
Tracy B. McKibben

Also in attendance were:

Dennis T. Trainor Trustee
Gil Quiniones President and Chief Executive Officer
Justin Driscoll Executive Vice President & General Counsel
Adam Barsky Executive Vice President & Chief Financial Officer
Joseph Kessler Executive Vice President & Chief Operations Officer
Christine Pizzo Executive Vice President & Chief HR and Administrative Officer
Robert Piascik Senior Vice President & Chief Information Officer
Karen Delince Vice President and Corporate Secretary
Daniella Piper Vice President – Digital Transformation / Chief of Staff
John Canale Vice President – Strategic Supply Management
Kenneth Carnes Vice President – Critical Secure Services and Chief Information Security Officer
Saul Rojas Vice President – Enterprise Resilience
Victor Costanza Senior Director – Configuration Control and Deputy CISO
Lawrence Mallory Senior Director – Physical Security & Crisis Management
Lorna Johnson Senior Associate Corporate Secretary
Sheila Quatrocci Associate Corporate Secretary
Lori DeMichele Board Travel Specialist

Chairman Balboni presided over the meeting. Corporate Secretary Delince kept the Minutes.
**Introduction**

Committee Chair, Michael Balboni, welcomed the committee members and the Authority’s senior staff to the meeting. He said that the meeting had been duly noticed as required by the Open Meetings Law and called the meeting to order pursuant to Section B(4) of the Cyber and Physical Security Committee Charter.
1. **Adoption of the January 29, 2020 Proposed Meeting Agenda**

   On motion made by member John Koelmel and seconded by member Tracy McKibben, the agenda for the meeting was adopted.
2. **Motion to Conduct an Executive Session**

   I move that the Committee conduct an executive session pursuant to the Public Officers Law of the State of New York §105 to discuss matters regarding public safety and security. On motion made by member Eugene Nicandri and seconded by member John Koelmel an Executive Session was held.
3. **Motion to Resume Meeting in Open Session**

   *Mr. Chairman, I move to resume the meeting in Open Session.* On motion made by member Eugene Nicandri and seconded by member Tracy McKibben, the meeting resumed in Open Session.

   Chairman Balboni said no votes were taken during the Executive Session.
4. CONSENT AGENDA

On motion made by member Tracy McKibben and seconded by member Eugene Nicandri, the Consent Agenda was adopted.
a. **Adoption of the Meeting Minutes of July 30, 2019**

On motion made and seconded, the Minutes of the joint NYPA/Canal Corporation Cyber & Physical Security committee meeting held on July 30, 2019 were unanimously adopted.
5. DISCUSSION AGENDA

a. 2020 January Security Briefing

Mr. Kenneth Carnes, Vice President of Critical Secure Services and Chief Information Security Officer, provided an update on the state of cyber security in the industry. He said cyber security risk remains a key concern for the Authority. Cyber and physical security can be leveraged to impact each other and NYPA will continue to focus on this in the long term.

2019 ERO Reliability Risk Priorities Report
In November 2019, the North American Electric Reliability Corporation (“NERC”), commissioned the “2019 ERO Reliability Risk Priorities Report” from NERC's Reliability Steering Committee Advisory Group. The report was generated from the survey results of risks related to the security of regional entities across the United States that operate the North American grid and focused on the reliability of grid operations and the bulk electric system. As it relates to security, the report highlighted changes concerning national events, critical infrastructure interdependencies and changes in resource mix and cyber security risks.

NYPA will continue the work it has been doing such as the cross-sector coordination instituted in the electric subsector coordinating council’s tri-sector work in partnership with energy, telecom, and finance. In addition, NYPA support efforts by the Department of Energy and the various industries that drive the guidance for regulations, direction for businesses, risk, and cyber managements.

GridEx V – Grid Security Exercise
In November 2019, NYPA participated in the national bi-annual drill exercise, GridEx V, to test grid response, entity response, partnershps, information sharing and general policy procedures on how to respond to physical or cyber security attacks, especially an attack that is large-scale and combines both. The drill was conducted by the Electric Information Sharing & Analysis Center with more than 7000 participants including 266 electric utilities, in partnership with the state government, to understand each other’s capabilities in the event of a cyber event in New York.

NYPA also participated in an executive session with the electric sector in D.C. In one scenario, they targeted New York State with disruptions of its operations in a “black-start” event and tested various scenarios from the federal government on grid security executive orders and how it would impact restoration plans.

NYPA conducts regular exercises at each site for NERC-CIP compliance, also quarterly cyber security drills, and the Executive Management crisis team drills.

Protecting NYPA’s Future

Integrated Secure Operations Roadmap

Mr. Carnes then highlighted how the cyber roadmap integrates into NYPA’s future and how it fits in with the business. He pointed out that cyber security is no longer a technical solution, it is a business risk management function to understand how cyber integrates and leads the business.

Asset and Vendor Management – NYPA will continue its endeavors to understand its environment and monitor its vendors’ security and its supply chain.

Digital Delivery & Protection – NYPA will continue to integrate with customers and businesses with their need to have the tools to innovate. NYPA has taken some steps in developing and deploying cloud fire walls inside the cloud environments and using them to be able to maintain the business visibility that it had, historically, but now using these services for cost controls, efficiency and capability.
Security & Resilience – NYPA will continue to develop leading cyber protections. NYPA will continue its partnerships with various federal, state, and local government partnerships and continue to do tests and drills across the board.

Innovation with R&D – Building the future. NYPA will use lessons learned from the various exercises with the Department of Energy and the Department of Defense to make sure that it has complete visibility and capability for cyber recovery under any scenario.

Standards & Risk – Work will continue with Enterprise Risk Management, finance, and controls.
6. **Next Meeting**

Chairman Balboni said that the next regular meeting of the Cyber and Physical Security Committee will be held on July 28, 2020 at a time to be determined.
**Closing**

On motion made by member Tracy McKibben and seconded by member John Koelmel, the meeting was adjourned by Chairman Balboni at approximately 12:44 p.m.

*Karen Delince*

Karen Delince
Corporate Secretary
Next Meeting

The next regular meeting of the Cyber & Physical Security Committee is to be determined.