

Introduction to Defense and Security

DAY 1

Risk Environment in the Energy Sector

- Oil and Natural Gas Subsector Risks and Threats
- Natural Disasters and Climate Resilience
- Electricity Subsector Risks and Threats
- Workforce Development
- Critical Infrastructure Interdependencies
- Information Sharing and Communication

DAY 2

Worldwide Trade and Defense Interactions

- World Organization's role in defense planning
- Energy and modern defense planning
- Geostrategic risk
- Energy and defense - the role of the United Nations
- Military decision-makers confront an interconnected range of trade challenges

DAY 3

Terrorism Risk Management and Mitigation

- Risk mitigation and resilience in the context of terrorism threats,
- Terrorist threats, decision-making and planning to defense from any attack,
- Lessons from situational crime prevention,
- How to be prepared for defending your corporate from future terroristic attack.

DAY 4

Cyber Security in the Energy Sector

- Assessing Cybersecurity and Developing Plans
- Introduction to the Cybersecurity Assessment Methodologies

- Forging a Cybersecurity Defense for Utilities
- Cyber Threats, Intrusion Detection, & Testing
- Empower Your Security Team & Maximize Efforts
- The Importance of Supply Chain Security
- Cybersecurity Standards and Best Practices: Utilities and ISO 27001
- Communication Strategies for Regulators Before, During, and After Cyber Attacks

DAY 5

Emergency Response and Security Maintaining

- Three Pillars Of Security (Reliability, Resilience, & Efficiency)
- Oil market security & risk factors Emergency response measures
- Natural gas security concerns
- Electricity security as Vital to modern societies and economies
- Emergency Response Exercise
- Example of energy security