TPEB

Unique non-profit public-private-partnership body established by the Czech Ministry of Industry and Trade and the Economic Committee of the Czech Parliament

Membership Structure

- leading national energy companies, companies administrating energy distributing networks and lines, IT and communication companies, financial institutions
- public bodies including Ministry of Internal Affairs, Fire Rescue Service of the Czech Republic, Ministry of Industry and Trade, or Czech Office for Standards, Metrology, and Testing
- leading Czech technical universities and research institutions
Mission

- Instigates cooperation among the aforementioned three pillars in the area of CIP
- Stimulates legislative and standardisation processes
- Organizes R&D projects consortia
- Mediates the interaction between the public bodies’ and private sector’s security-related needs, R&D capabilities and potential
- Organizes expert and public events raising awareness about the CIP agenda
Capabilities

- Cooperation with the Economic Committee and Security Committee of the Czech Parliament
- Involvement of the leading Czech and Slovak energy companies (national as well as private), including providers and distribution companies and administrators
- Public outreach – Czech Republic, V4/Central Europe (including the Czech/regional channels in the EU and NATO)
- “Package” connections between the leading Czech research institutions and industrial partners
- Standardisation expertise
Formed Project Consortia

- H2020 consortia
  - Smart communication technologies
  - CBRN incident response
  - Education & Research cooperation in the area of communication technology

- V4 Fund projects
  - Stimulation of R&D cooperation

- National programs
  - National CIP – identification and challenges
Central European Hub

- CIP Agenda for the V4 Czech Presidency
  - V4 CIP
  - Cyber Act (Czech experience)
    - Implementation
    - Compliance
  - Security of SCADA systems, Smartgrids and Smartmeters
    - Technical analysis of vulnerabilities
    - Formulation of security standards
    - Detection systems
  - Blackout
ERNCIP Contribution

- Cyber Act
  - Implementation and compliance experience

- Professionals Education and Training Activities

- Czech involvement in technical and expert groups

- Utilisation of the Czech laboratories and testing infrastructure
Best Practises of the Czech TSO

Bilateral, regional and European cooperation of transmission system operators (TSOs)

- **Bilateral** – common cross-border exercises HORIZON 2012, DRILL 2014
  - Unique experience concerning improvement of cooperation with fire brigades, rescue services, police and army
  - Involvement of local and regional authorities (crisis communication and management, preparation of crisis plans – „blackout“)

- **Regional** – TSC Security Cooperation - Security cooperation between TSOs as an initiative for fostering regional European cooperation concerning the safety and security of transmission systems both in the countries concerned and Europe as a whole.

- **European** - ENTSO-E – WG Critical System Protection
Following the CIP Directive the Czech Republic and Slovakia registered roughly 50% of the identified EU CIP elements.

Based on our capabilities and references we are prepared to participate in EC activities and also provide a Central European Hub.

We believe that Sustainability, Competitiveness rests in an internal balance in the EU – the strength of the chain is measured by the strength of its weakest link.
Thank you for Your attention

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