

Energy & Utilities Compliance Assessment

Evaluate your technology vendor's readiness across NERC CIP, ICS/OT security, NIS2 Directive, and critical infrastructure protection obligations.

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01 - REGULATORY FRAMEWORKS COVERED

- NERC CIP
- NIS2 Directive (EU)
- IEC 62443
- ICS/SCADA Security
- TSA Directives

This assessment covers the primary regulatory and compliance frameworks your technology vendor must address. Each section below maps directly to one or more of these frameworks.

02 - NERC CIP CONTROLS

- BES Cyber Systems identified and classified
- Electronic Security Perimeters (ESP) defined and enforced
- Physical security controls for CIP-006 compliance
- System security management patching cadence met
- Incident response plan CIP-008 compliant and tested
- Recovery plans CIP-009 documented and tested
- Personnel & training CIP-004 current

03 - ICS/OT SECURITY

- Network segmentation between IT and OT environments
- OT asset inventory maintained and current
- Remote access to OT systems via jump server / MFA
- Vulnerability management adapted for OT constraints
- Change management for OT systems enforced
- Anomaly detection on OT network

04 – NIS2 / CRITICAL INFRASTRUCTURE

- Essential services risk assessment completed
- Supply chain security measures documented
- Incident reporting within 24/72 hours as required
- Business continuity measures tested
- Board-level cybersecurity accountability assigned

SCORING GUIDE

Score 1 point for each confirmed item. 19–22: Compliant. 13–18: Needs remediation. Below 13: Urgent review required.

NEXT STEPS

If your score falls below the compliant threshold, The Algorithm offers a structured gap remediation programme:

1. Technical gap audit (2 weeks)
2. Remediation roadmap with prioritised backlog
3. Engineering sprint to close critical gaps
4. Evidence package for regulatory review

Contact us at contact@the-algo.com or visit the-algo.com/contact

Ready to talk?

We audit your current vendor, map the gaps, and present a structured migration plan — no commitment required.

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