

Technology Solutions for NERC Reliability Standards Compliance



ICF International believes the establishment of an integrated and ongoing, structured compliance program will best serve the responsible entities that will be impacted by the NERC Reliability Standards. ICF has developed a comprehensive suite of offerings to assist electric utility companies meet the Reliability Standards Compliance (RSC) requirements, including several technology solutions.

ICF RISK Portal

ICF provides a Reliability Information Standards Knowledge (RISK) Portal specific to NERC Compliance Communities of Practice. Communities of Practice are virtual groups of people who share a common job function, challenge or expertise area, and are focused on training, knowledge, and action. This on-line community helps organizations scale up their expertise quickly and jump-start their compliance activities.

The portal provides relevant content (NERC standards and requirements in one place, procedure templates, training, and checklists), updates to standards, collaboration capability, and enabling technology to support responsible entities in meeting NERC and regional entity standards compliance. It delivers to responsible entity staff the NERC and regional entity information they need to do their jobs effectively in this evolving area. With this knowledge service, the responsible entity will have ready access to information and tools without the ongoing resource drain of collecting, storing, and distributing the content by itself.

Reliability Standards Compliance Software Implementation

ICF can also assist responsible entities in configuring and implementing RSC software solutions. RSC software has key functionality that eases the use of managing compliance activities for approved standards:

- Robust search capabilities of standards and tasks
- Workflow management for compliance planning
- Task assignment, tracking, notification, and escalation
- Document management (indexing, storage, and retrieval)
- Strong reporting capabilities for compliance management
- Pre-loaded with NERC standards content

With the RSC tools, responsible entities will be able to:

- Demonstrate compliance to internal and external parties
- Implement a tool that is configured to the responsible entity's requirements
- Implement a tool with a low cost of ownership

ICF has performed a thorough evaluation of available NERC compliance software solutions. ICF is very familiar with the available third party tools that enable customers to comply and sustain compliance with NERC and regional entity requirements.

By leveraging the proven configurability, scalability, and extensive functionality of RSC software, responsible entities will be able to deploy a solution which addresses the short-term requirements under Critical Infrastructure Protection as well as the other compliance thresholds in all other categories.



ICF brings a full spectrum of preparedness and compliance tools:

- Standards Education & Training
- Readiness & Risk Assessments
- Applicability Evaluations
- Critical Infrastructure Identification
- Standards Development Support
- Self-Certification Process Development
- Reporting & Response Support
- Violation Settlement & Support

For more information visit,
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