



Fides

System adequacy analysis with unparalleled performance

Fides is a new solution that uses the latest technology for power system adequacy studies

- Includes Distributed Incremental Acceleration (DIA, PCT Patent Pending) which reduces runtime by +95%
- It can be hosted on premise or in the cloud providing large computational capacity and low adoption costs

It facilitates integration with client systems and reduces the long waiting times in case of heavy workloads

- State-of-the art sample and variance reduction algorithm to optimize computational performance
- Seamless integration with client systems with API connection (optional) and JSON file data exchange
- Scalable solution that allows launching hundreds of processes simultaneously

It includes all features required to represent real-world power systems

- Setup temporal resolution from 5 minutes up to hours
- Represent temperature-based start-up costs
- Consider non-convex heat rates
- Limit ramping rates and minimum online & offline times
- Represent demand response and power trade

- Consider the physical characteristics of AC flows
- Use advanced heuristics for maximum performance

Its delivery model reduces adoption costs and ensures the latest version is used

- On premise for integration on client's systems, solutions, and data sources
- Cloud model accelerates feature delivery and updates, its flexible subscription model reduces setup costs

The adoption of encryption and robust authentication ensures the data is secure

- Our data is encrypted, uses secure communication and multifactor authentication

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