

Reactor Decision Assessment Platform

Smart Power, Secure Future
**Nuclear Decisions
Made Clear**



THE CHALLENGE

Small Modular Reactors (SMRs) are rapidly being developed with no guidance on implementation.

Leaders need comprehensive facility evaluations, reactor types and vulnerability reductions to make data-driven decisions when deploying nuclear power at Department of Defense (DoD) installations. Achieving DoD's clean energy goals, while reducing dependence of offsite energy won't be possible without implementing nuclear energy. Current methods for this involve:

- 400+ page documents
- Subject matter experts and analysts sifting through large amounts of data
- Siloed efforts for domain analysis that rely heavily on academic studies

THE SOLUTION

Introducing a platform that enables data-driven decisions for implementing nuclear power.

The Reactor Decision Assessment Platform (ReDAP) offers a place to view all factors for decision making for SMRs. With ReDAP, you can view:

- Current and projected power needs and cost of an installation
- Critical infrastructure to both installation and branch
- Local nuclear policy
- Briefings for all SMRs in development and their outputs
- Suitable SMR Models based on installation factors



Noblis has deep roots in a sustainable and resilient energy infrastructure

The Noblis Sustainability and Resilient Infrastructure Center of Excellence focuses on developing innovative solutions for energy assurance and resilience. We bring extensive experience in analyzing and optimizing energy systems for military installations, with expertise in SMRs, microgrids and renewable energy integration.

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ABOUT NOBLIS

For more than 25 years, Noblis has been an innovator within the federal government, committed to enriching lives and making our nation safer while investing in the missions of tomorrow. As a nonprofit, Noblis works for the public good, bringing together the best possible science, technology and engineering expertise and solutions, in an environment of independence and objectivity to deliver enduring impact on federal missions.



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