

Integrated Procurement Solutions



AREVA's Integrated Procurement Solutions (IPS) offers comprehensive solutions to help utilities address procurement engineering challenges and deliver needed parts on time and with reduced costs. With deep relationships with a broad supplier base and OEMs, more than 20 years of commercial grade dedication experience and world-class testing capabilities, IPS offers a one-stop shop for the full suite of procurement engineering services including:

- Procurement Engineering
- Commercial grade dedication
- Component testing and qualification
- Inventory management and optimization
- Obsolescence solutions, including IEE and reverse engineering
- Sourcing and purchasing
- Global supply chain for difficult to source parts

Component Testing and Qualification

As a trusted, single integrated provider, AREVA offers a full suite of testing capabilities including seismic and environmental qualification:

- Tri-axial seismic test facility (shake table)
- Accelerated aging chamber(s)
- Environmental test chamber(s)
- Materials analysis and properties testing
- Electrical testing

AREVA's global technical capabilities also include LOCA/HELB, radiation aging, and EMI/RFI. Our team manages the entire testing and qualification process, monitoring test results and developing a comprehensive data package to provide all documentation needed to put qualified parts into service.

Hardware Solutions

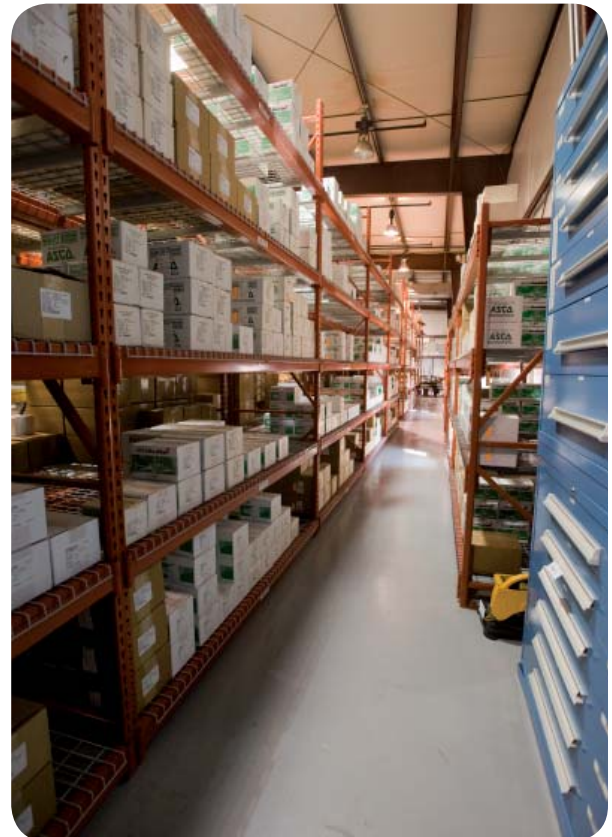
IPS offers a turnkey solution to deliver needed hardware in a cost-effective manner. The following identifies the key features, advantages and benefits of AREVA's approach.

Features	Advantages	Benefits to utilities
Turnkey solution to deliver hardware to your dock	Single point of accountability Seamless operation from problem solution to hardware delivery	Reduced costs Reduced demand for expediting Improved productivity
Autonomous, accountable execution	Minimal site oversight	Reduced costs Worry-free delivery of safety related and non-safety related parts
Global supply chain	Ability to access difficult-to-source parts Deep relationships foster collaborations to solve difficult issues	Reduced manhours in sourcing Improved reliability Creative, cost-optimized solutions
Partnerships with select OEMs	Access to design information Preferred pricing (some)	Solutions for obsolescence Lower costs (some)

Obsolescence Solutions

Effective management of the replacement of aging equipment is essential in today's ever more challenging financial environment. Replacing aging and obsolete parts at the right time with the most cost-effective replacements will ensure the safety and reliability of your plants for continued, profitable operation.

Combining our global reach, partnerships with OEMs, CGD experience and world-class testing capabilities, AREVA is uniquely capable of delivering cost-effective obsolescence solutions to your site. IPS offers a single point of accountability for item equivalencies, equipment procurement, commercial grade dedication, testing and qualification. In short, AREVA offers turnkey obsolescence solutions that deliver the right parts on time, the first time.





Commercial Grade Dedication

With more than 20 years of Commercial Grade Dedication (CGD) experience, AREVA offers the best value, highest reliability and industry-leading quality in CGD services. Fully aligned with EPRI's latest "Guideline for the Acceptance of Commercial-Grade Items in Nuclear Safety-Related Applications" (2014), our CGD services give you the best value by doing it right, the first time. In addition, our recently expanded U.S. Technical Center provides the capability to dedicate a vast number of commodity and non-commodity items, so that, regardless your need, AREVA will become your dedicator of choice.

Why AREVA?

- The only NSSS provider to offer CGD, qualification and testing capabilities
- More than 20 years CGD experience
 - Center of Excellence for Electrical CGD, Cranberry Township, PA
- U.S. Technical Center
 - State-of-the-art testing facilities
 - Part of AREVA's global technical resources
- 24/7 Availability
 - Nuclear Parts Center
 - Engineering Control Center
 - Outage Control Center
- Strategic partnerships with OEMs
- IPS draws on AREVA's world-class engineering and global supply chain along with state-of-the-art testing facilities to offer highest quality procurement engineering capabilities with unparalleled value for our customers
- Dedicated core team focused on providing high-quality solutions in a cost-effective manner

How Will Integrated Procurement Solutions Contribute to our Customers' Drive for Excellence?

- Reduced procurement costs due to reduction of procurement and obsolescence backlogs
- Minimized use of multiple vendors and site staff to perform needed CGD, Environmental Qualification and associated testing — trusted, single integrated solution provider
- Reduced CGD costs associated with testing and analysis as a result of using industry-enveloping criteria, as opposed to site or customer-specific criteria
- Minimized impact of fraudulent/suspect procurements
- Reduced engineering time and costs associated with replacement parts equivalency evaluations through economies of scale
- Reduced potential for forced outages, delayed restarts or forced power reductions due to SSC availability or qualification issues
- Program is modular and scalable — customer can move in finite steps, at their own pace and priority from CGD and testing to satisfying obsolescence and reliability issues to a fully implemented Risk-Informed Graded QA program



AREVA Inc. Corporate Headquarters

7207 IBM Drive
Charlotte, NC 28262

For more information contact:

Charles Lakeman

Tel: 704.805.2380

charles.lakeman@areva.com

us.areva.com

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