AREVA is Clean Energy and American Jobs

Ohio Manufacturers Association April 28, 2010 Columbus, OH





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- AREVA Overview
- Nuclear Revival
- A New Nuclear Plant in Ohio What Does it Mean?
- AREVA Procurement Approach
- Conclusion





AREVA Overview



AREVA: Mission & Strategy

SPECIALIZING IN CO₂ FREE ENERGY GENERATION

OUR MISSION

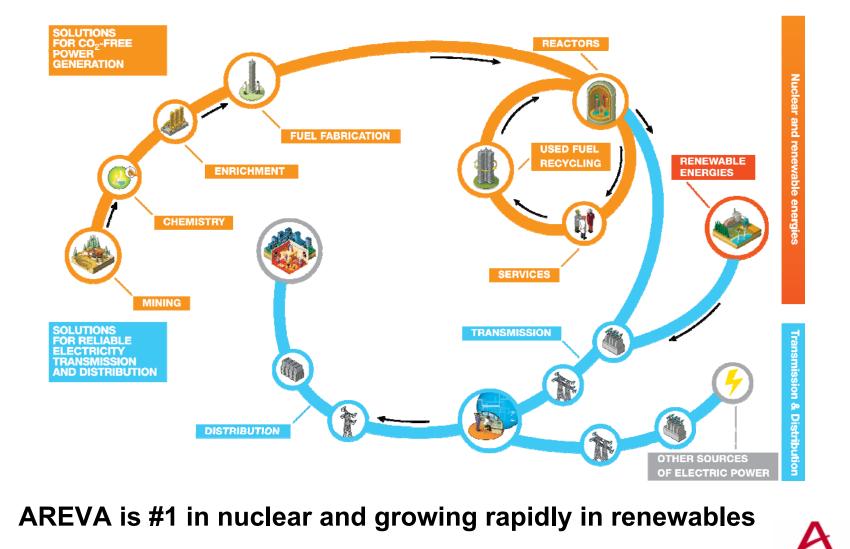
- Enabling all people worldwide to have affordable access to ever cleaner, safer and more economical energy
- Helping to create jobs, reduce reliance on fossil fuels and ensure energy security

OUR STRATEGY

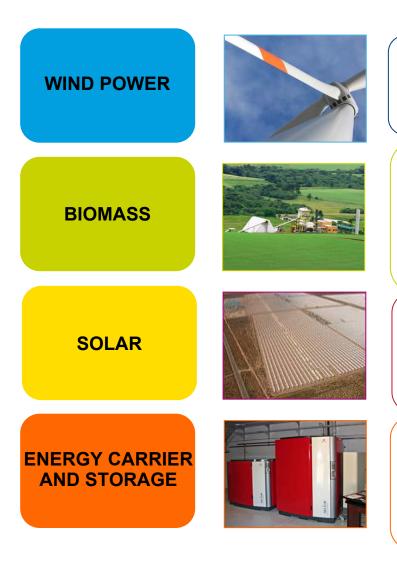
 \bullet To set the standard in CO₂ free power generation technology by expanding our products, services, and presence in key markets.



AREVA: A Global Industrial Group Focusing on CO₂-Free Energy



Renewable Energy: AREVA's Portfolio



- Off-shore wind technology with strong position in targeted geographies – U.S.
- Specialized Engineering, Procurement, Construction (EPC) company for biomass fired power plants
- Ownership of critical technologies (combustion, gasification, etc.)
- Specialized EPC for solar thermal power plants
- Research and development of solar
- technologies
- Fuel cell design and production
- Development of next generation storage solutions and hydrogen production

43 countries

Production & Manufacturing

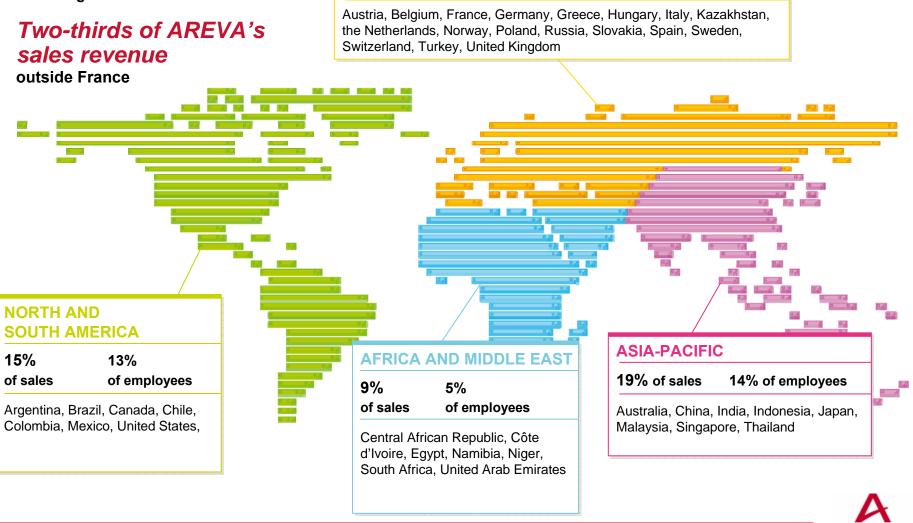
100 countries

Marketing & Sales

AREVA in the World

75,000 Employees

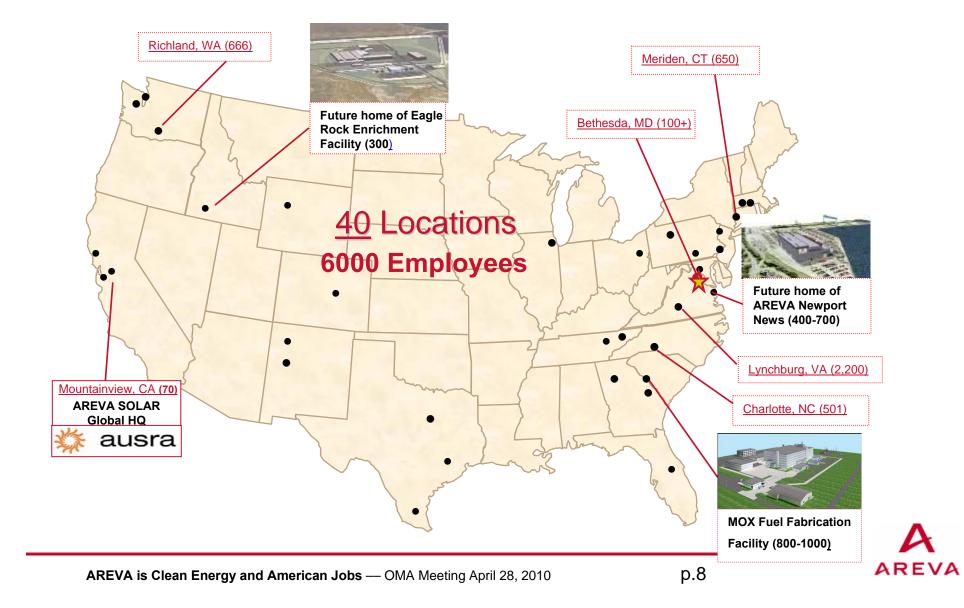
68% of employees



EUROPE AND CIS

57% of sales

AREVA US Locations HQ – Bethesda, Maryland

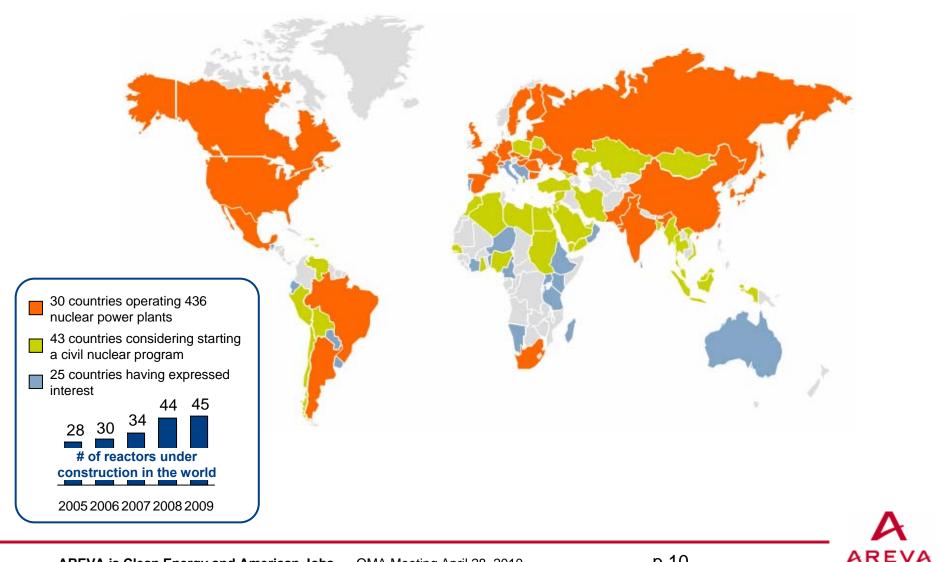




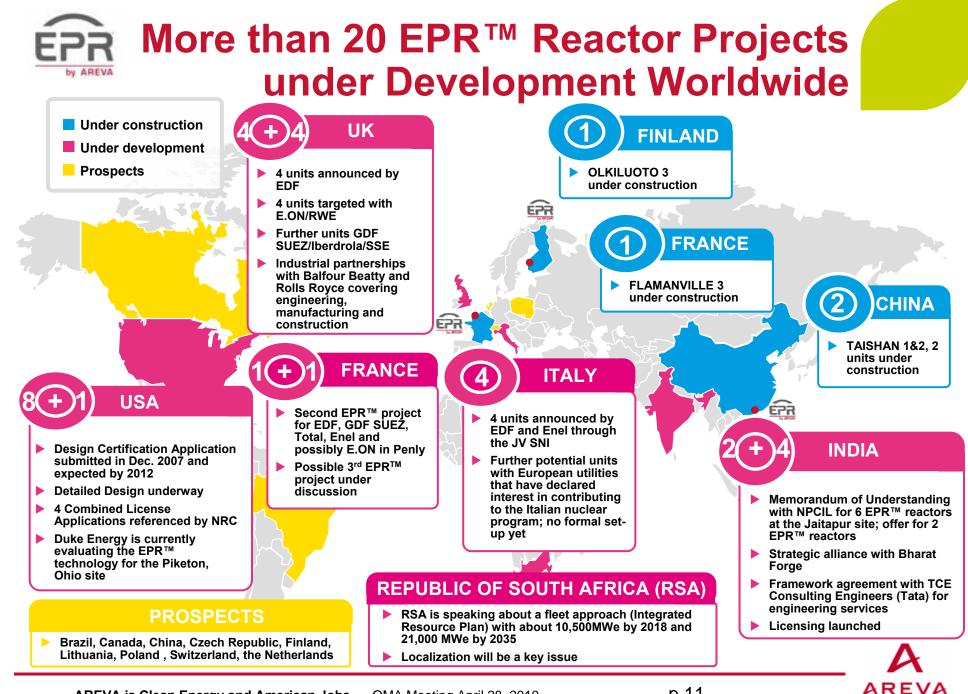
Nuclear Revival



Nuclear Energy is Global and a Revival is Underway



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U.S. EPR[™] Projects



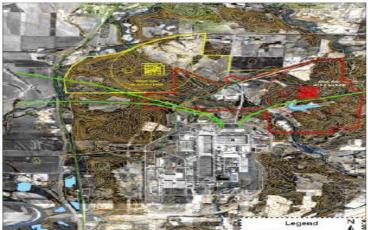
UniStar Calvert Cliffs Unit-3, Maryland COLA submitted March 2008



UniStar Nine Mile Point Unit-3, New York COLA submitted October 2008

PORTS Reservation rial Photography Layout with US EPR Sitin

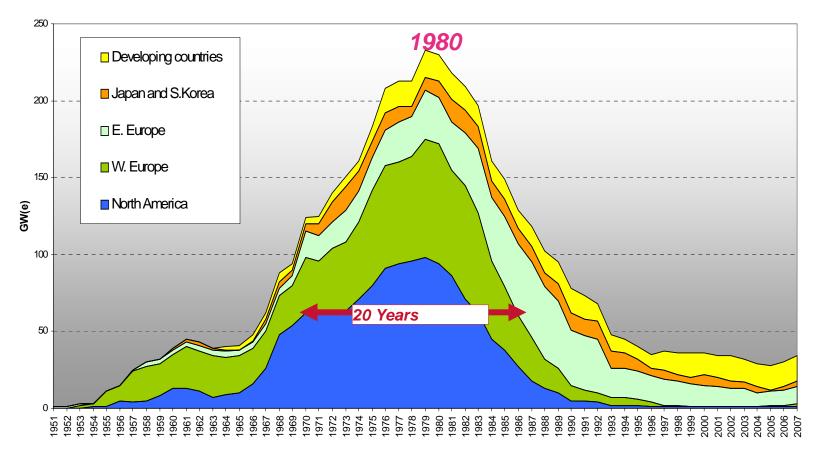




Southern Ohio Clean Energy Park



Nuclear Manufacturing Must be Rebuilt



source: IAEA 2008

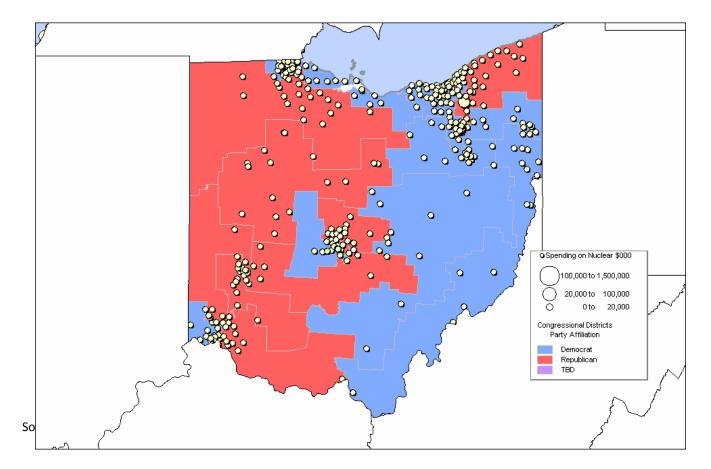


A New Nuclear Plant in Ohio

What Does it Mean?

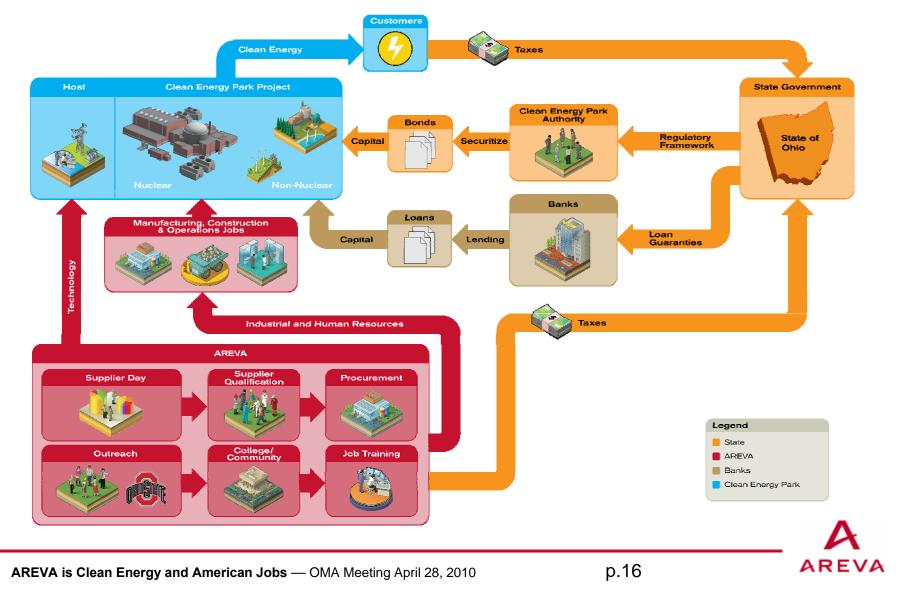


Total Nuclear Procurement in Ohio



Only \$194M in nuclear procurement in Ohio in 2008 vs. \$1.8B in Pennsylvania; nuclear represents a major opportunity for growth in Ohio

Jobs + Manufacturing + Education + Tax Revenues = Sustainable Development





Clean Energy Jobs

| <u>New Jobs</u> | <u>Year 1</u> | <u>Highest Yea</u> | <u>r</u> |
|-------------------------|---------------------|-----------------------|---|
| Direct | 820 | 3,000 | Site construction workers |
| Indirect | 593 | 2,168 | Ohio vendors for equipment and services |
| <u>Induced</u> Total | <u>688</u> 2,102 | <u>2,516</u> 7,684 | Service jobs created in food, hotel, entertainment and other industries |



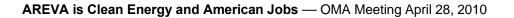




Payroll Tax Revenue

| | <u>Year 1</u> | <u>Highest Year</u> |
|-----------------|---------------------------|---------------------|
| Federal | \$30.1M | \$110.2M |
| . | • • - • • • | • |
| State and Local | <u>\$15.9M</u> | <u>\$57.9M</u> |
| Total | \$46.0M | \$168.1M |
| | ΨΞΟΙΟΙΝΙ | ΨΙΟΟΙΠΝΙ |







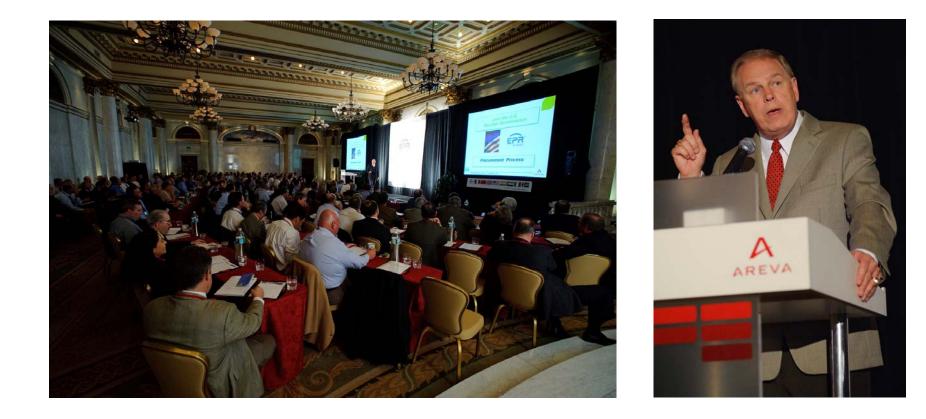


Virtual University

Provide access to educational opportunities for all levels of employees throughout their careers



AREVA EPR[™] Supplier Days in MD and OH



>200 attendees from >100 companies at each event

AREVA is Clean Energy and American Jobs — OMA Meeting April 28, 2010

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U.S. EPR[™] Procurement:

Join the Team!



AREVA Procurement Vision

A new generation of suppliers for a new generation of Power Plants

Purchasing Strategy

- AREVA continuously seeks to enrich, develop and optimize its worldwide panel of supplier partners; in order to select the most competitive solutions with respect to both technical and financial requirements.
- Long-term partnerships will be developed with selected suppliers in order to

Respond to local requirements

DOMESTIC PROJECTS

Offer competitive solutions worldwide to our customers

□ INTERNATIONAL PROJECTS



AREVA U.S. Purchasing Organization: Project Responsibilities

U.S. AREVA dedicated team is in charge of all aspects of procurement from tender phase to the beginning of the warranty period in particular

Supplier Selection

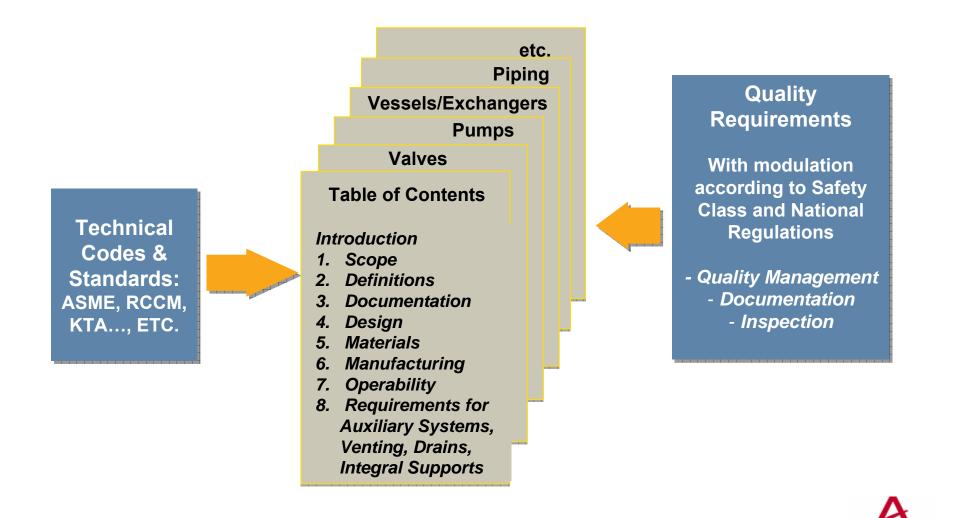
Orders

Follow up of deliveries (Expediting)

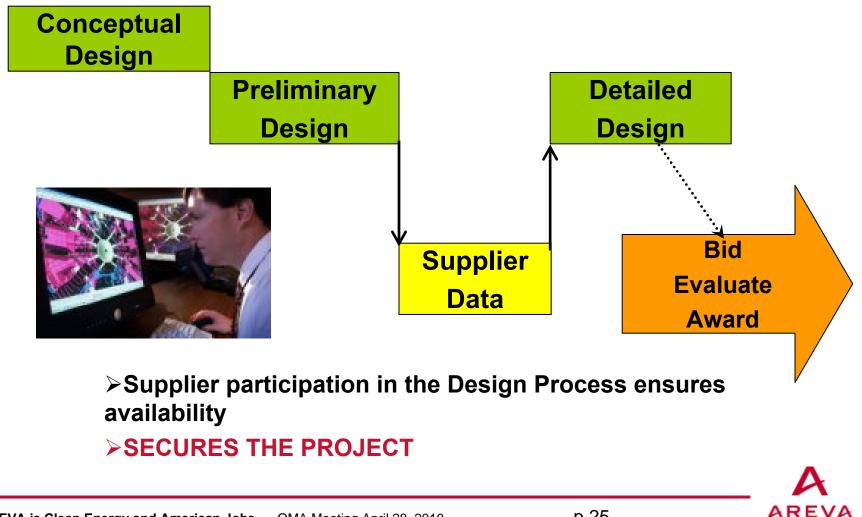
U.S. AREVA Procurement ensures that equipment or services are bought on time, within a defined budget, according to the quality requirements of the technical specifications, in respect of contractual obligations towards the final client



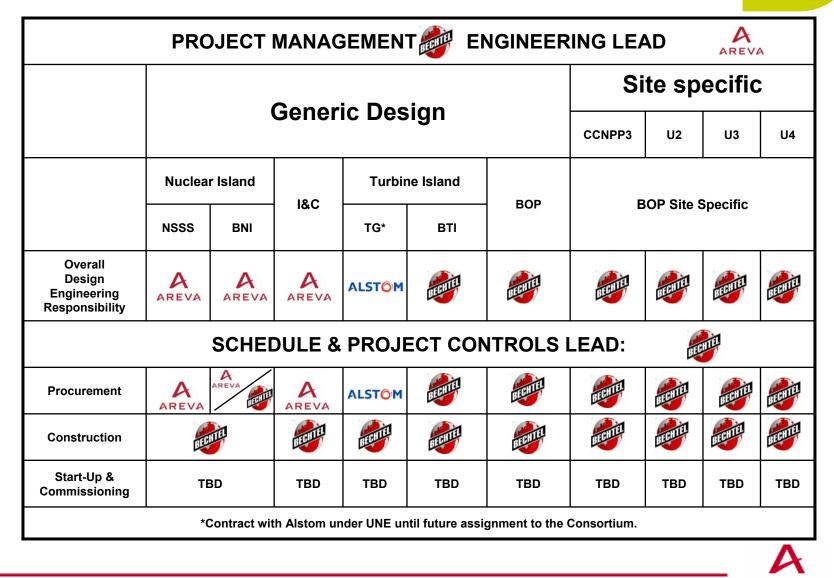
The Procurement Process Involves Detailed Design Specifications



Detailed Design Engineering Specifications Require Supplier Data



General Division of Responsibilities



How To Become an EPR™ U.S. Supplier

Respect Sustainable Development

Support AREVA's Sustainable Development Charter

Target the right product

Supplier should have the required technical capabilities

With the right quality requirements

Supplier & product should be qualified

At the right cost

Supplier should be competitive

Be on-time

Supplier should have a proven reputation for on-time delivery

► Be able to supply a fleet of EPR[™] reactors



AREVA Supplier Approval Process

| 1 | Complete On-Line Supplier Questionnaire at <u>www.useprsuppliers.com</u> For all interests, commercial, augmented quality and safety related. |
|---|---|
| 2 | Complete AREVA Non-Disclosure and Sustainable Development Agreements |
| 3 | Complete AREVA Supplier Self-Assessment (Includes Commercial, Technical and Quality) |
| 4 | AREVA On-Site Supplier Assessment (Commercial & Technical) (Non Safety Purchases Approval) |
| 5 | AREVA Quality Assurance Audit (Required for all Safety and Augmented Quality purchases) |

Upon successful completion of the QA Audit, Supplier is added to the AREVA Approved Supplier List (ASL)

Join the EPR[™] Team and Get Involved!

- Get on the AREVA ASL
 Go global by becoming an AREVA Certified Supplier
 - AREVA Clean Energy Supplier Network
 - Check us out on-line to advocate nuclear new build
 - Blog: us.arevablog.com
 - Facebook: AREVA Inc.

| AREVA Clean Energy Supplier Network | AREV. |
|--|--|
| | Our Mission - Develop partnerships to expand clean energy manufacturing Generate clean energy jobs Made in America by Americans Expand the global supply chain - Communicate the benefits beyond sale, cost effective, clean energy Thousands of high paying jobs for the site community Thousands of high paying jobs for the site community Thousands of high paying jobs in State and regional manufacturing Expanded universities, community colleges, and vocational schools Increased local, state, and federal tax revenues |
| Take Action Now: >> Letters to your policy maker | AREVA New Plants Update: |
| >> Who is my Senator? >> Who is my Congressman? | >> New Plains Opuale |
| In The News: | Links: |
| >> Loan guarantees recharge nuclear debate >> Areva wins U.S. approval for nuclear safety system Feb 2 >> Nuclear Power Gets Strong Push From White House Jan 29 | e Feb 9 >> u.s.areva.com >> AREVA Blog >> Unistar |
| >> Is nuclear power the future? Obama calls for more plants Jan 28 | EPR™ Supplier Day: |
| >> France-based Areva plans Central Valley nuclear plant Dec 29 | Presentations and attendee lists from the events are available below. For further information about becoming an AREVA Supplier, please complete the Preliminary Vendor Questionnaire on-line at www.useprsuppliers.com, or contact Larry-Hooper@areva.com |
| Related Publications: | Maryland EPR [™] Supplier Day |
| >> ADAGE Brochure >> AREVA Certainty Brochure | >> Attendee List >> Presentations |
| >> Clean Energy Park >> EPR Plant Illustration >> U.S. EPR TM : The Path of Greatest Certain | nty Ohio EPR [®] Supplier Day >> Attendee List >> Presentations |

http://www/us.areva-np.com/enewsletters/supplier/index.html



We Are Rebuilding an Industry in the USA



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Conclusion





- Nuclear electricity consumption to double by 2030
- Global nuclear revival is underway creating jobs worldwide
- AREVA is investing in the U.S. creating U.S. jobs
- Federal and state support needed to make SOCEPA project in Piketon a reality



AREVA is creating highly skilled high-paying jobs for Americans in support of clean energy and energy security

