

Staying power.

AECOM has been supplying the power that energizes the world for more than 100 years.



AECOM is a life cycle supplier of contractor services to the power industry — from feasibility studies to decommissioning. We have the expertise to meet any consulting or project scope, for any power generation technology, on behalf of commercial, industrial and government clients around the world. To date, we've engineered and/or constructed more than 280,000 MW of electricity worldwide — equivalent to approximately one fourth of the generating power in the United States today.

Visit us at POWER-GEN
International **booth #4912**

See how we deliver what others can only imagine at
aecom.com.

AECOM Imagine it.
Delivered.



Built to deliver a better world

Staying power.

AECOM has been supplying the power that energizes the world for more than 100 years.

At AECOM, we're focused on meeting the world's increasing need for reliable electricity while producing the cleanest and most efficient power solutions available today. We design, engineer, construct, retrofit and maintain virtually every type of power generation facility — from coal-fired, gas-fired and nuclear power plants, to alternative and renewable energy — as well as the systems that deliver electricity.

We also specialize in the development and installation of clean air technologies that reduce emissions

and improve air quality around the world, as well as steam generator replacements that extend the lives of nuclear plants.

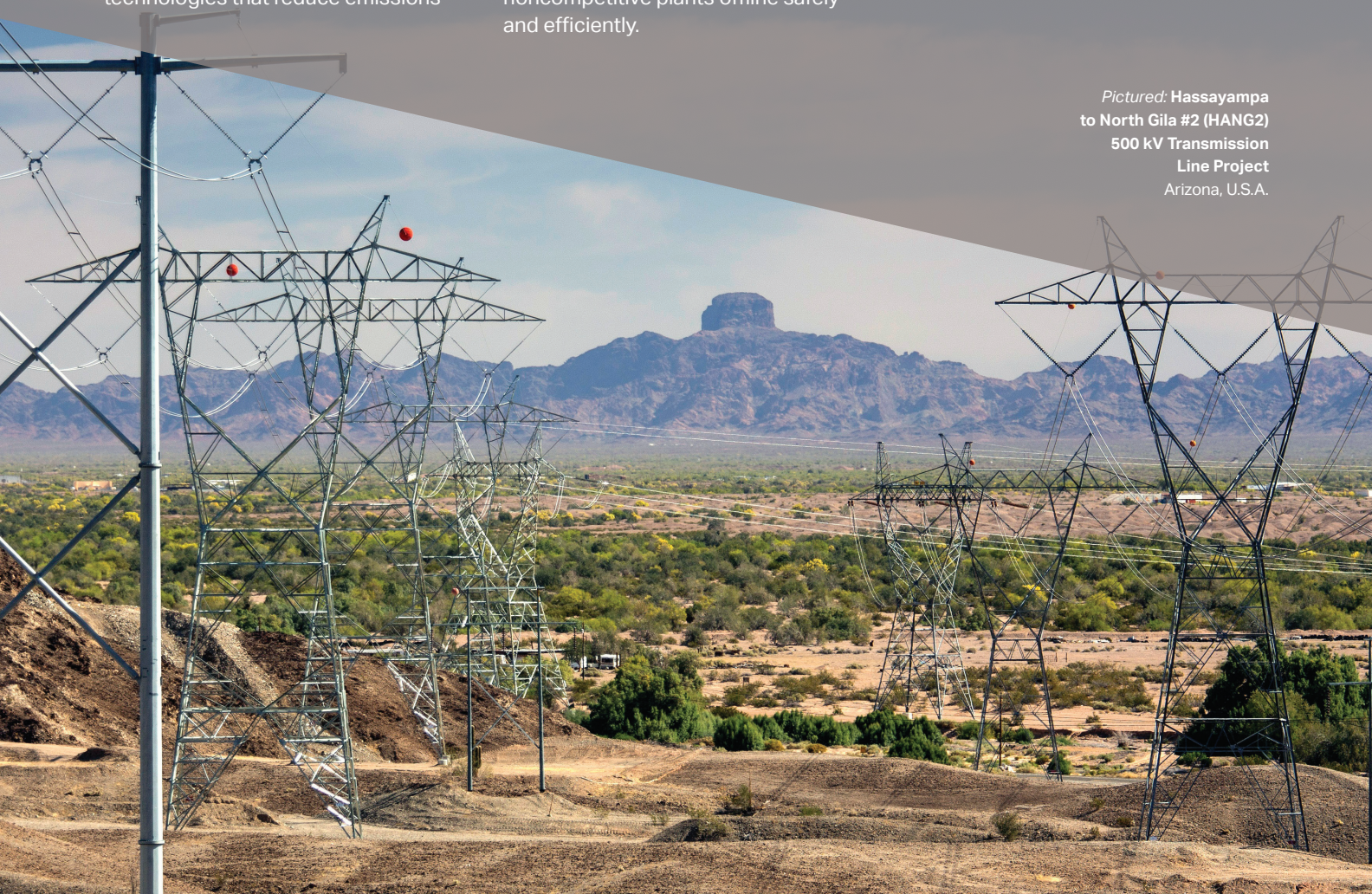
Our full life cycle services include everything from planning, siting, licensing and permitting through engineering, procurement, construction, construction management, startup, operations and maintenance. We also have expertise in the expanding decommissioning and demolition market — helping nuclear power plant owners take aging or noncompetitive plants offline safely and efficiently.

The number 1 ranked* global engineering design firm, AECOM is a leading construction contractor. We combine specialties in architecture, building engineering, construction services, economics, energy, environment, government, mining, oil and gas, consulting, program management, transportation and water.

To learn more, **visit us at POWER-GEN booth # 2011** or go to **aecom.com**.

*Engineering News-Record 2016 rankings

*Pictured: Hassayampa
to North Gila #2 (HANG2)
500 kV Transmission
Line Project
Arizona, U.S.A.*





Staying power

More than 60 years of commercial nuclear power experience

The nuclear power industry demands a highly specialized, diverse skillset and knowledge base.

As the engineer and/or constructor of more than 39,000 megawatts, we provide support for new nuclear technologies, the emerging small modular reactor market, operating plant technical services including major component replacements, and facilities that support the nuclear fuel cycle. We also have expertise helping nuclear power plant owners take aging or noncompetitive plants offline safely and efficiently.

Our success in the decommissioning and demolition market was just one of the reasons Southern California Edison selected an AECOM joint venture as the decommissioning and demolition contractor for the **San Onofre Generating Station (SONGS) project** — one of the **largest commercial nuclear plant decommissioning** projects in the United States.

Learn what our 60 years of nuclear experience can do for you — go to **aecom.com** — or email **kathryn.burnau@aecom.com** today.

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Staying power.

For more than 30 years, AECOM has been providing emissions control services to clients across the fossil fuel power industry.

When it comes to meeting air emissions obligations, power generators have looked to AECOM more than any other contractor. As a full-service engineering, procurement and construction (EPC) contractor, we deliver balanced emission reduction solutions that bring together process selection, design economy, construction efficiency, and operational excellence.

With over 90,000 MW of coal plant engineering and/or construction — more than 280,000 MW overall — AECOM is the full-service supplier to the power generation industry. We integrate fully compliant air quality systems into both new and existing power plants, optimizing total economic and operational performance.

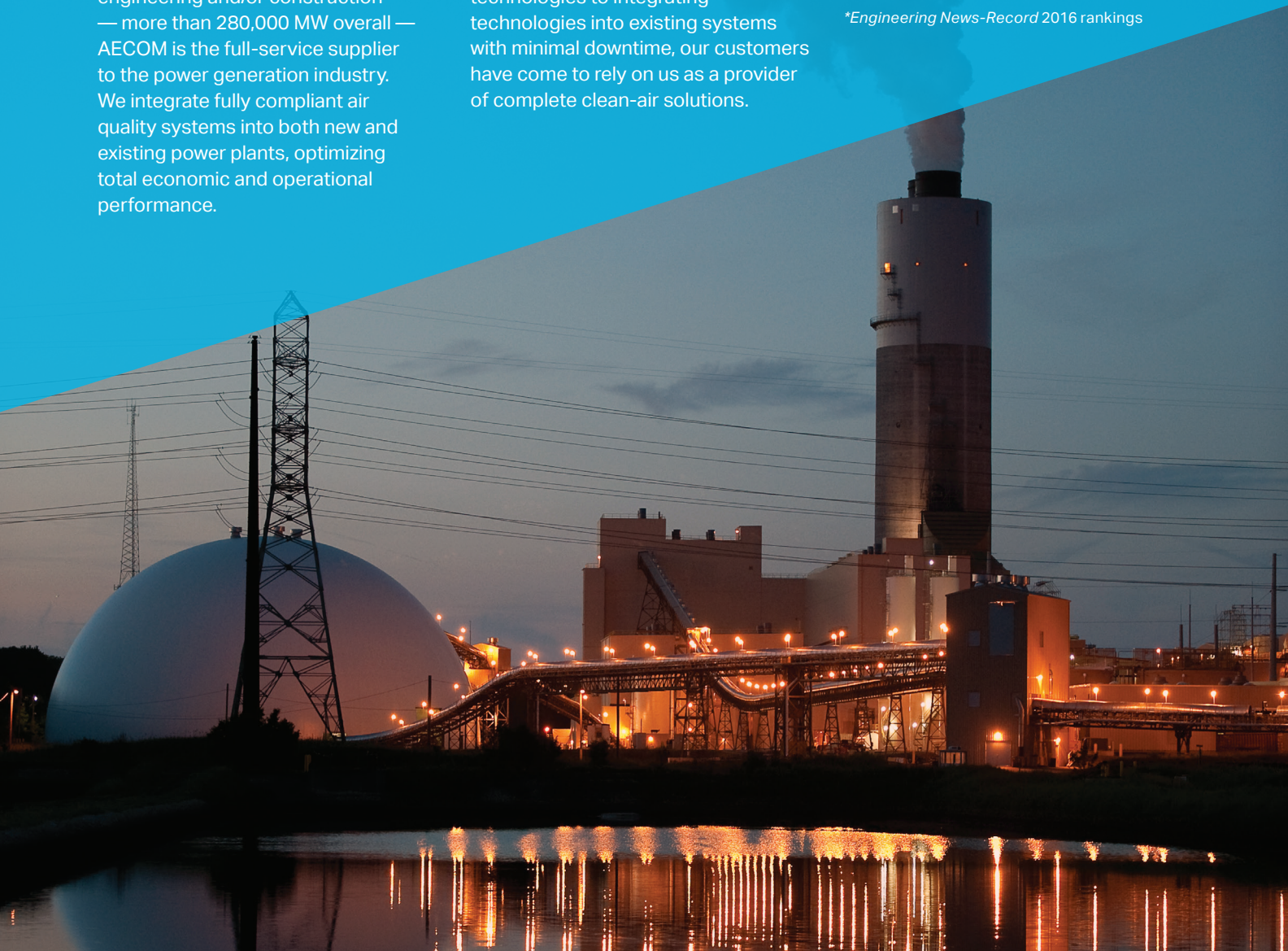
AECOM has been responsible for more than 40,000 MW of flue gas desulfurization (FGD) retrofits or new installations, 52,000 MW of FGD upgrades, and another 24,000 MW of selective catalytic reduction (SCR) on new and retrofit systems. In addition, we are an exclusive provider of a patented Sodium Based Solution (SBS) Injection™ technology to reduce sulfur trioxide emissions.

From identifying the most appropriate technologies to integrating technologies into existing systems with minimal downtime, our customers have come to rely on us as a provider of complete clean-air solutions.

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See how we deliver what others can only imagine at **AECOM.com**.

**Engineering News-Record 2016 rankings*



Staying power.

Our 100+ years of power industry experience is bringing new life to a plant built in 1968.

AECOM is the proud engineering, procurement and construction contractor of **We Energies' Valley Power Plant Gas Conversion Project**, a *Power* magazine Top Gas Plant of the Year.

Built as a coal-burning cogeneration power plant, the Valley Power Plant has been powering the metropolitan Milwaukee area since 1968, supplying 280 MW of electricity, plus steam heat to area hospitals, schools, businesses and more.

As a vital source of power and heat, the plant presented us with a unique challenge: enable a coal-burning plant to meet today's environmental regulations without costly air quality control systems or an interruption in service.

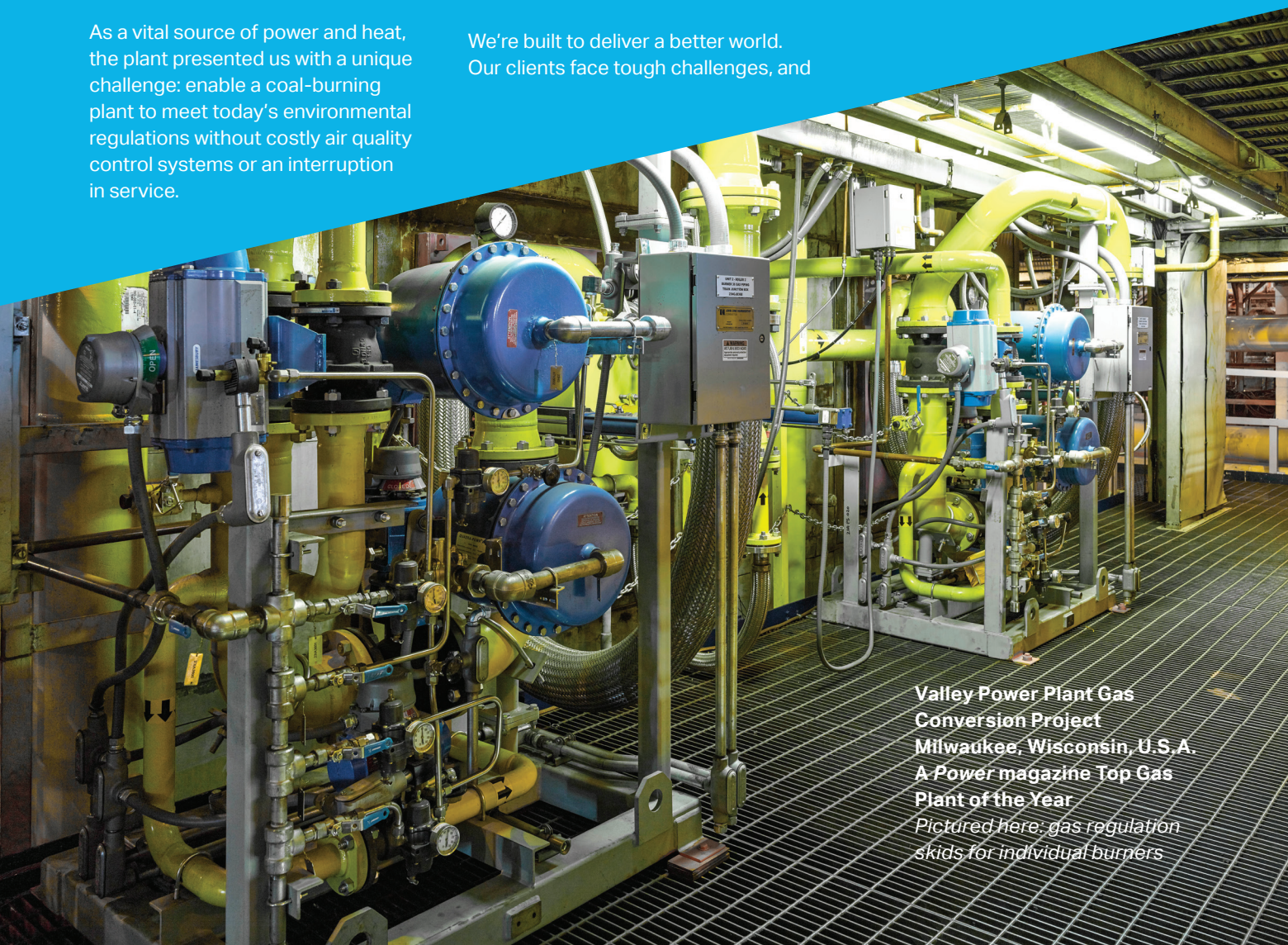
The solution — one of the first cogeneration gas conversion projects in the industry. Our team:

- Stayed on a tight schedule to meet winter heating demands
- Met rigorous reliability requirements with no forced outages
- Reduced emissions of SO₂, NO_x, Mercury, particulate matter and CO₂
- Improved plant efficiency via combined heat and power capabilities
- Delivered the project safely and on budget

we work to understand and solve them better than anyone else. We match the complexity of these challenges with the diversity of our expertise, spanning all phases of the development life cycle — design, build, finance, operate and manage. This experience delivers innovative solutions that transform communities and improve lives.

See how we deliver what others can only imagine at **AECOM.com**.

We're built to deliver a better world.
Our clients face tough challenges, and



Valley Power Plant Gas Conversion Project
Milwaukee, Wisconsin, U.S.A.
A Power magazine Top Gas Plant of the Year
Pictured here: gas regulation skids for individual burners

Staying power.

AECOM has been supplying the power that energizes the world for more than 100 years.

AECOM is a world leader in electric power delivery systems with extensive experience in new and upgraded power transmission and distribution systems. Our projects have included the design of hundreds of overhead, underground and underwater power transmission lines.

From alternative route analyses, licensing and permitting, conceptual engineering, and right-of-way services, to detailed engineering and design, through construction and regulatory compliance, we meet the demands of modern delivery systems for all system voltages up to 800 kV AC and 500 kV DC.

Our technical personnel have extensive backgrounds in system planning, transmission, distribution and substation engineering, with experience in feasibility studies, conceptual and detailed design, rehabilitation of existing systems,

and the evaluation of advanced concepts in design and utilization. Our construction and project management teams have overcome challenges to successfully build transmission lines, substations, and SCADA systems in locations ranging from cramped urban environments to the mountains of the desert southwest.

The number 1 ranked* global engineering design firm, AECOM is a leading construction contractor. We combine specialties in architecture, building engineering, construction services, economics, energy, environment, government, mining, oil and gas, consulting, program management, transportation and water.

To learn more, go to **www.aecom.com**.

*Engineering News-Record 2016 rankings

The AECOM logo is displayed in a bold, black, sans-serif font. The letters 'A', 'E', and 'C' are connected, as are 'O' and 'M'. The background of the entire advertisement features a low-angle photograph of several high-voltage electrical transmission towers and power lines stretching across a clear blue sky. The bottom of the image is overlaid with a solid orange gradient that curves upwards from the left side.

AECOM

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More than 60 years of commercial nuclear power experience

The nuclear power industry demands a highly specialized, diverse skillset and knowledge base.

As the engineer and/or constructor of more than 39,000 megawatts, we provide support for new nuclear technologies, the emerging small modular reactor market, operating plant technical services including major component replacements, and facilities that support the nuclear fuel cycle.

Learn what our 60 years of nuclear experience and connected expertise can do for you at [aecom.com](https://www.aecom.com).



Leading the nuclear industry from day one

Through our broad legacy of nuclear contractors, AECOM traces its history back to the very forefront of the nuclear industry. In 1947, we began work at the Brookhaven Graphite Research Reactor — the first peace-time nuclear reactor built exclusively for research. We were also one of the Manhattan Project's original six industrial partners. As the industry evolved, we continued to build upon our nuclear expertise, creating our continuous 60-year record of providing management, engineering, construction and modification solutions to virtually every commercial nuclear power plant currently operating in the U.S. and many that have since been retired.

Our legacy companies were engineer- and/or constructor-of-record for 49 nuclear power plants, including the first nuclear units in Spain, Italy, Brazil, Mexico and Taiwan. Consumers still depend on much of this nuclear baseload today. After the great build-out of the 1970s and 80s, our employees have helped to maintain the reliability of the operating fleet by accomplishing thousands of technical services tasks and life-extension modifications through a solid engineering services organization that has supported our customers as alliance partners, engineers-of-choice and consultants.

We provide complete resources for feasibility studies, costing, technical evaluation, environmental assessments, permitting and licensing, conceptual and detailed design, procurement, construction, operating services, maintenance, modifications and decommissioning.

Having a global focus, supported by 92,000 employees serving clients in more than 150 countries, we offer our clients a wide range of technical and engineering services including owner's engineer for nuclear new build, license renewal, alternate source terms assessments, control room habitability projects and independent spent fuel storage options for today's dry cask storage technologies.

To help vital operating assets meet today's challenges we've:

- Created a culture of safe work execution, with one site achieving 10 million man-hours without a lost time accident over a 10-year period
- Helped to reduce outage durations to less than 30 days, and at some plants, less than 20 days
- Increased power output through power uprate programs
- Mitigated component obsolescence through digital upgrades and component replacement programs
- Enhanced human performance through empowerment, training and continuous learning
- Improved plant performance through our integrated project design and installation teams
- Continued to deliver, with joint venture partner SGT, world-class performance steam generator replacement projects and a project execution model for large nuclear plant capital projects

The no. 1 ranked* global engineering design firm, we are a leading construction contractor. We combine specialties in architecture, building engineering, construction services, economics, energy, environment, government, mining, oil & gas, consulting, program management, transportation and water. A *Fortune 500* leader in the markets we serve, we look forward to using our six decades of comprehensive commercial nuclear power experience to help meet your challenges of grassroots development, expansions and modifications, and/or safe operation of your plant, wherever you are in the world.

AECOM is committed to helping you deliver generation from nuclear power safely, reliably and cost effectively. To learn more, call: **1.803.578.7121**.

**Engineering News-Record 2015 rankings*

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Learn what our 60 years of nuclear experience can do for you at aecom.com and [@AECOM](https://www.facebook.com/AECOM).

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AECOM has been supplying the power that energizes the world for more than 100 years.

AECOM dates back as far as the power industry itself. From Thomas Edison's Electric Bond and Share Company (EBASCO) to the recent integration of URS, **we have engineered and/or constructed more than 280,000 MW of electricity worldwide.** That's more than any other contractor and equivalent to approximately one fourth of the generating power in the United States.

We design, engineer, construct, retrofit and maintain virtually every type of power generation facility — from coal-fired, gas-fired and nuclear power plants, to alternative and renewable energy — as well as the systems that deliver electricity. We also specialize in the development and installation of clean air technologies that reduce emissions and

improve air quality around the world, and can provide decommissioning and closure services for facilities no longer in use.

The number 1 ranked* global engineering design firm, AECOM is a leading construction contractor. We combine specialties in architecture, building engineering, construction services, economics, energy, environment, government, mining, oil and gas, consulting, program management, transportation and water.

To learn more, **visit us at POWER-GEN booth # 5012** or go to **www.aecom.com**.

*Engineering News-Record 2015 rankings



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International booth # 5012**

Nuclear
Fossil fuels
Emissions controls
Transmission and distribution

AECOM

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Supplying the world's power for more than 100 years.

AECOM is a world leader in electric power delivery systems with extensive experience in new and upgraded power transmission and distribution systems. Working with more than 300 utilities in over 50 countries, we have supported the development of over 54,000 miles of power transmission lines and more than 550 substations.

From alternative route analyses, licensing and permitting, conceptual engineering, and right-of-way services, to detailed engineering and design, through construction and regulatory compliance, our technical personnel meet the demands of modern delivery systems for all system voltages up to 800 kV AC and 500 kV DC. Our construction and project management teams have overcome challenges to successfully build transmission lines, substations, and SCADA systems in locations ranging from cramped urban environments to post-war conditions.

The number 1 ranked* global engineering design firm, AECOM combines specialties in architecture, building engineering, construction services, economics, energy, environment, mining, oil and gas, program management, transportation and water to deliver better solutions.

To learn more, visit us at **www.aecom.com**.

**Engineering News-Record 2016 rankings*

