



# Design-Build

Offering turn-key engineering and construction solutions to deliver critical infrastructure

# We're uniquely qualified to offer clients a fully integrated design-build approach.

Black & Veatch professionals are experts in design-build, one of the most popular and rapidly growing delivery methods for construction projects in the United States. Offering a full spectrum of design-build and EPC (engineering, procurement, and construction) services, Black & Veatch is one of the most diversified contractors in the industry. As our clients' single point of contract responsibility, we work as a collaborative team to maximize your return on investment, manage risk, and deliver projects of the highest value possible. Our teams identify and implement innovative solutions through a construction-driven model, and we own the entire process from start to finish.

We've been helping clients around the world for over 100 years through experienced project leadership, strong industry relationships, and skilled trades deployed in the field. We drive your project schedule and budget by efficiently procuring and mobilizing the best labor resources, equipment, materials, service providers, and qualified subcontractors to your project site. Depending on client preferences and strategies to deliver the best project value, Black & Veatch can self-perform critical work supported by skilled craft workers including carpenters, pipe fitters, electricians, and electricians.

## Kenneth W. Hotz Water Reclamation Facility Upgrade and Efficiency Improvements

*Medina County Sanitary Engineers | Medina County, Ohio | 2018*

This project delivers sustainable benefits and recovers costs through energy savings for the Medina County community. Biosolids system improvements included a struvite harvesting system, biosolids optimization, and a phosphorus recovery system.



## Westmoreland Generating Station

*Tensaka, Inc. | Smithton, Pennsylvania | 2019*

Westmoreland is a 925 MW natural gas combined cycle power plant. Using advanced, high efficiency turbine technology and a recycled water-cooling process, the generating station supplies electricity to customers in Pennsylvania and 12 other Northeastern states.



**ENR Top 10**  
Design-build company in the United States



**2,000+**  
Construction trade field professionals



**100+ years**  
Delivering critical infrastructure for water, energy, and communications



## Morro Bay Water Reclamation Facility

*City of Morro Bay | Morro Bay, California | Ongoing (2023)*

Local regulatory agencies are requiring the City of Morro Bay to develop a new water treatment facility and relocate to a more inland location. The new facility will treat wastewater through fully advanced treatment, including primary, secondary, tertiary, and a leading-edge biological nutrient removal-membrane



We bring you collaborative, in-house construction and engineering resources.



### Design and Preconstruction

We focus on our clients' needs and come up with **cost-effective solutions** by employing integrated planning, progress monitoring, and forecasting practices on every project. We've successfully delivered **hundreds of complex design-build projects** and utilize our industry leading engineering capabilities, proven estimating and preconstruction resources, and established project control tools to ensure our clients are never faced with surprises.

### Construction

Our in-house engineering and construction professionals are involved in **constant collaboration with our clients** through all steps of project design and construction. Our contracting expertise and flexibility allow us to provide localized solutions and comply with all regional labor codes and building standards. As your **single point of contact**, we appropriately share the risk and provide our clients with a comprehensive turnkey experience from project start to finish.

## Commitment to safety

Safety is the focus of everything we do. Each of our professionals takes an expansive view of safety, embracing it through all aspects of their work and as a way of living. Our commitment to safety is governed through our Think, Plan, Act initiative to achieve Zero Injuries Today™, and our Experience Modification Rate (EMR) is consistently well below industry average.



## We offer our clients

- Transparency and collaboration
- Faster project delivery
- Effective risk management
- Better control over project cost

And have a record of success.

## What our clients are saying



*The Black & Veatch team has performed better than we ever could have expected on our Smith Mountain Lake Water Treatment Plant and Pipelines Project. [Their team] ensured that the project came in at or below budget. They have been a pleasure to work with and I'd recommend this team to any owner looking at advanced water treatment technologies for their facilities."*

– Brian Key, Executive Director, Bedford Regional Water Authority



*To execute such a job in such a rapid timeframe requires many moving parts and teamwork across the board. Our project benefited from tremendous collaboration between our team, Black & Veatch and Overland Contracting Inc."*

– Dave Jennings, Project Manager, Biokyowa



*One thing Black & Veatch provides that is a unique offering...is your integration, providing development services, assessing sites, determining [equipment] type, understanding... resource(s), and performing construction. Your engineers involved in the design phase of the project came to site and managed construction. That's the first time we've seen that level of integration. Black & Veatch took the opportunity to teach the team about the project from end-to-end. They stayed on site and worked through several challenges with our Site Manager."*

– Sandy Fleming, Senior Project Manager, Capital Power



*Black & Veatch partnered with [PWSD] in a professional manner to provide the necessary support to navigate our first design-build project. We [were] impressed with the highly qualified team the Black & Veatch provided. Black & Veatch [was] a valued partner in the project."*

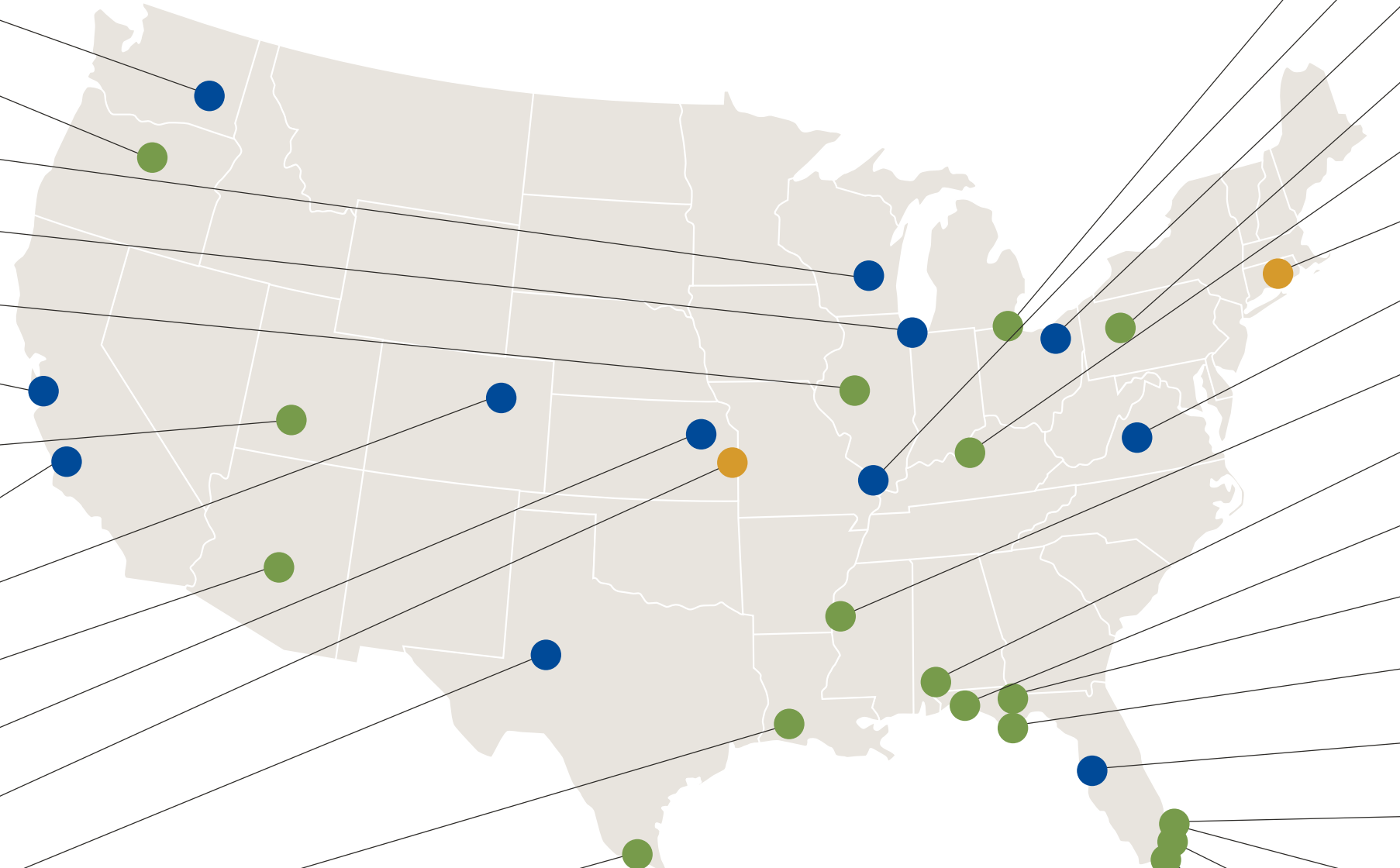
– Rebecca W. Tejada, P.E., Senior Project Manager, Parker Water and Sanitation District

# Clients benefit from our extensive network of successful projects.

This map displays our selected design-build and EPC experience over the last 10 years. Contact us to learn more about the hundreds of other projects we've completed in the United States and beyond.

■ Water ■ Energy ■ Telecommunications

- Data Center Industrial Reuse Water Treatment Plant  
Quincy, Washington
- Golden Hills Wind Substation and 230 kV Transmission Line  
Sherman County, Oregon
- Columbia Air Quality Control Retrofit  
Pardeeville, Wisconsin
- Stickney Water Reclamation Facility Phosphorus Recovery  
Chicago, Illinois
- Cardinal Point 150 MW Wind  
McDonough and Warren Counties, Illinois
- Pure Water Soquel Program Treatment Facilities Project  
Santa Cruz, California
- Panguitch Solar and 650 kW Battery Energy Storage Plant  
Panguitch, Utah
- Morro Bay Water Reclamation Facility  
Morro Bay, California
- Water Resources Centralization Project  
Parker, Colorado
- Ocotillo 530 MW Power Plant Modernization  
Tempe, Arizona
- Salina Wastewater Treatment Plant Improvements  
Salina, Kansas
- La Cygne Microwave Telecommunications Site  
La Cygne, Kansas
- T-Bar Well Field Development and Delivery  
Midland, Texas
- Cameron 230 kV Liquefied Natural Gas Project  
Hackberry, Louisiana
- Madero Grid Generation Interconnection Project  
Mission, Texas



- Oregon 869 MW Clean Energy Center Project  
Oregon, Ohio
- Industrial Wastewater Treatment Plant Upgrade  
Cape Girardeau, Missouri
- Kenneth W. Hotz Water Reclamation Facility Upgrade  
Medina County, Ohio
- Westmoreland 925 MW Generating Station  
Smithton, Pennsylvania
- Cane Run Combined Cycle Generating Unit 7  
Louisville, Kentucky
- Land Mobile Radio Telecommunications Site  
Berlin, Connecticut
- Smith Mountain Lake Water Treatment Plant and Pipelines  
Bedford County, Virginia
- Chicot 100 MW Solar Power Plant  
Chicot County, Arkansas
- Confidential 600 MW Combined Cycle Project  
Bucks, Alabama
- Crist Reliability 900 MW Turbine Project  
Pensacola, Florida
- Blue Indigo 74.5 MW Solar Project  
Jackson County, Florida
- Cape San Blas 5.5 MW Energy Storage  
Cape San Blas, Florida
- Dunedin Water Treatment Plant Refurbishment  
Dunedin, Florida
- Lauderdale 1,150 MW Simple Cycle Project  
Ft. Lauderdale, Florida
- Dania Beach 1,200 MW Clean Energy Center  
Ft. Lauderdale, Florida
- Florida International University Microgrid and Energy Storage  
University Park, Florida
- Miami-Dade Natural Gas Storage Facility  
Homestead, Florida

## About Black & Veatch

Black & Veatch provides full-service engineering, procurement, and construction services for water, power, and telecommunications clients throughout the world. With a 2022 revenue of over \$4 billion, Black & Veatch is ranked #9 by Engineering News Record among the top design-build firms in the country. As an employee-owned company, our professionals take personal pride in the relationships we have with clients and the quality work that our teams produce.

We provide state-of-the-art technologies and world-class project management skills proven business consulting, and industry-leading safety programs to ensure a competitive price, schedule certainty, and long-term value on our clients' most challenging projects. Learn more about our design-build expertise at [bv.com](https://www.bv.com).



Watch this video to learn more about what we do.