



Program & Construction Management

Recent Experience - Energy

PMCM Recent Experience

Stantec Program Management and Construction Management offers clients customized, proven approaches to deliver consistency, control, governance, and transparency across the entire program lifecycle—saving time and money.

For over 40 years, we have delivered on thousands of complex major capital and operational projects in a diverse range of sectors.

Energy

Effectively minimizing project risk by collaborating with experts through structured integration.

Our strategy is to deliver exceptional Program & Construction Management services with a commitment to reducing risk and delivering high project standards of safety and quality. Driven by our passion for excellence, and guided by our team of industry experts, we strive to provide innovative and efficient Program Management techniques that exceed our clients' expectations.



Energy Gateway Transmission Project

PacifiCorp
Colorado, Wyoming, Idaho, and Utah

Addressing customer load growth, improving system reliability, and reducing transmission system constraints.

Since 2011, our team has been executing program and construction management for the 2000+ mile 345kV Energy Gateway Transmission project by collaborating with PacifiCorp's Program Management Office. Under Stantec's Program & Construction Management department, staff have been integrated into the PacifiCorp Gateway program as project managers and coordinators for the largest transmission program within the US with multiple projects in Colorado, Wyoming, Idaho, and Utah.

Stantec is providing full program management services overseeing all requirements for pre-construction through to final construction execution activities to place transmission lines and related facilities into service safely, on time, on budget, and within governance. Our staff manages all project elements to include initial concepts and feasibility studies, routing and siting, permitting with federal and local/state agencies, and managing other PacifiCorp vendors such as engineer-of-record, various natural and physical resource vendors, and right-of-way contractors to meet critical project and program milestones. We are responsible for full cost governance (budgeting, forecasting, and accruals for the project) and the coordination of work to finalize projects through construction and commissioning. We are also executing various NEPA requirements for the project across multiple geographical and jurisdictional regions.



Southeast New York Offshore Wind Platforms, HVDC Substations & Transmission (SENY)

NYPA
New York, New York

Revitalizing New York's Power Grid to achieve a fully renewable power system throughout New York by 2040.

The SENY project consists of feasibility studies for the Offshore Wind Platforms, HVDC Converter Stations, and Transmission and Distribution projects throughout New York and surrounding areas for the NYISO Public Policy Transmission Notice.

Collaboratively with the design team executing the feasibility study for the HVDC Converter Stations, Stantec's Program & Construction Management team completed Risk Management, Monte Carlo Analyses, Cost Estimating, Construction Scheduling, and Constructability Assessments for the project. During the project, Stantec was awarded additional scope to complete a full Risk Management process and Cost Assessment of the entire project collaboratively with three other consulting firms. Risk Management included working with internal and external subject matter experts to identify key risks and opportunities and developing mitigation plans. Environmental services and assessments were completed for each of the substation sites and included in the risk analyses. Cost Estimates of over \$10 billion were completed effectively and utilized to complete various Monte Carlo analyses to determine accurate contingency costs.

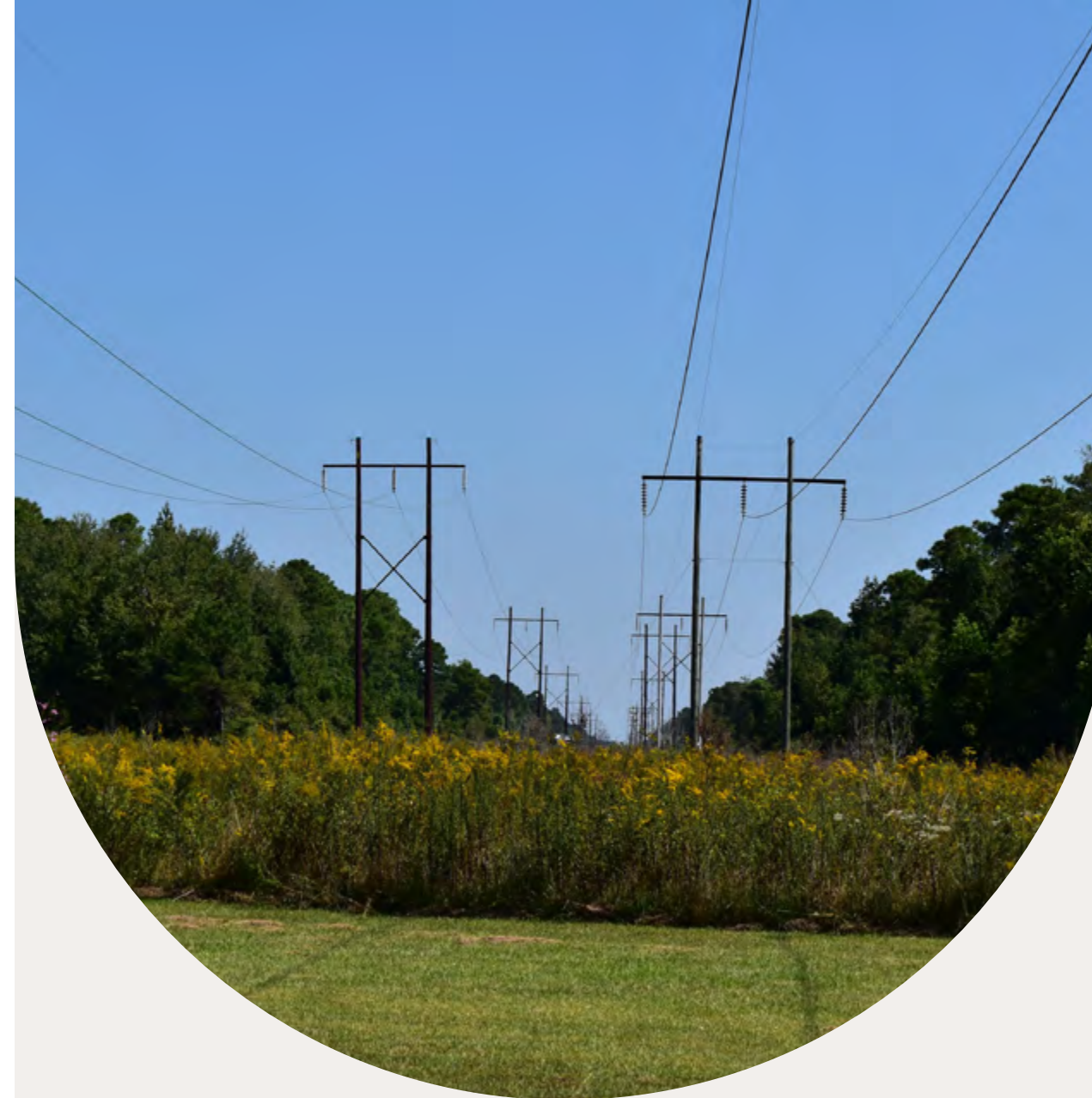
Boardman to Hemingway Transmission Line

Idaho Power
Oregon, Idaho

A “Clean-Energy Pipeline” that will support Idaho’s goal of providing 100% Clean Energy by 2045.

The Boardman to Hemingway Transmission Line is a 270.8-mile-long single-circuit 500-kV electric transmission line that crosses five counties in Oregon, Morrow, Umatilla, Union, Baker, and Malheur counties. The approved facility also includes four ASC alternative routes of approximately 33.3 miles of transmission line. The RFA1 approved routes include four alternative 500-kV transmission line routes equaling approximately 8.8 miles.

Our Program and Construction Management team is collaboratively working with the Idaho Power’s Transmission Program Management Office. Stantec staff have been integrated into Idaho Power’s program to execute program management services, overseeing all requirements for pre-construction through to construction completion to place the transmission line and related facilities into service. Our team manages pre-construction activities, noise mitigation assessments, construction scheduling, long lead material strategies and procurement, project controls, cost management, and the development of GMP RFP packages for general contractor contracts for construction scopes. Our primary focus is to reduce project risk by safely executing the project, within budget, duration, and governance.





Stantec is a global leader in sustainable architecture, engineering, and environmental consulting. The diverse perspectives of our partners and interested parties drive us to think beyond what's previously been done on critical issues like climate change, digital transformation, and future-proofing our cities and infrastructure. We innovate at the intersection of community, creativity, and client relationships to advance communities everywhere, so that together we can redefine what's possible.

Connect with us

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