

# TYPICAL DESIGN CHARACTERISTICS

(FINAL DESIGN WILL BE DETERMINED IN THE DETAILED DESIGN PHASE)

Characteristic	Specification
Voltage	230 kV
Permanent ROW Width	Up to 200 feet on private and state land 150 feet on BLM-administered land
Type of Structure <sup>1</sup>	Wood pole H-Frame and steel monopole
Structure Height <sup>2</sup>	75 – 110 feet
Structure Width	Up to 21.5 feet at base
Conductor Size	Largest consideration is 1272kcmil "BITTERN" ACSR, smallest consideration 795kcmil "DRAKE" ACSR
Ground Clearance of Conductor	25 feet minimum
Pole Foundation Depth <sup>3</sup>	20-40 feet
Vegetation Clearance	< 5 feet in wire zone, < 25 feet in border zone
Span Length	700 - 900 feet
Number of Structures per Mile	Approximately 7
Other Hardware	Guy wires and anchors. Aerial marker spheres or other hardware for aircraft and avian considerations where determined necessary.

<sup>1</sup>H-frame structures will be used for straight runs of transmission line; 3-pole structures will be used for angles and dead-ends. Steel monopole structures will be used in land constrained areas.

<sup>2</sup>Structure heights may vary depending on terrain and height requirements to cross other utilities, etc.

<sup>3</sup>Pole foundation depth may vary depending on soil conditions, structure loading, and structure type.

# LAST MILE TRANSMISSION PROJECT



Innergex, through its affiliate Last Mile Transmission, LLC, is proposing a 34.5 mile 230 kilovolt transmission line running largely east-west between PacifiCorp's existing Freezeout Substation in Carbon County, WY, northeast of Medicine Bow and the proposed Boswell Springs substation approximately 14 miles northeast of Rock River in Albany County. This proposed Last Mile Transmission Line Project ("Last Mile") would cross privately-owned lands in both Carbon and Albany Counties and lands administered by the Bureau of Land Management and the State of Wyoming.

The Last Mile is expected to use a combination of wooden H-frame and single steel pole transmission structures, spanning ~700-900 feet, with each structure being ~75-110 feet in height.

## ABOUT INNERGEX

At Innergex Renewable Energy Inc., we believe in sustainable development that balances People, our Planet and Prosperity. We develop, construct, acquire, and operate hydro, wind, solar and energy storage facilities that we own for the long-term.

Founded in 1990, Innergex is a global leader with operations in Canada, the United States, France and Chile. Since our inception, working with communities has been key to our success. For over 15 years, Innergex has worked in the U.S. and is currently active in seven states. Our main office is in San Diego, CA with regional development offices in HI, MA, TX.

## FOR FURTHER INFORMATION

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Renewable Energy.  
Sustainable Development.

## WHO IS INNERGEX?

Founded in 1990, Innergex is an independent renewable power producer which develops, constructs, acquires, owns, and operates hydroelectric, wind, solar and energy storage facilities. Innergex is a long-term owner and operator of clean energy projects located in the United States, Canada, Chile, and France. Innergex is also the owner of the proposed 332MW Boswell Springs Wind Project in Albany County.

## PROJECT FUNDING

Innergex will be responsible for 100% of the development, financing, construction, and start-up costs. After completion, Innergex will also be responsible for all operational and maintenance costs, as well as all decommissioning costs.

## PURPOSE AND NEED FOR THE PROJECT

In 2020, PacifiCorp initiated an all-source Request for Proposals ("2020AS RFP") to solicit competitively priced energy resources that can meet the region's energy needs. Innergex's proposed Boswell Springs Wind Project has been shortlisted in the 2020AS RFP and Last Mile is the transmission line that would connect the Boswell Springs Wind Project with PacifiCorp's electrical grid. The need for this type of transmission collector system had been identified by the Wyoming Infrastructure Authority ("WIA") and PacifiCorp. The WIA identified this target area for a transmission collector system and transmission export hub as part of the Wyoming Collector and Transmission System Conceptual Design (WIA 2010). Together, the projects bring considerable benefits to the region.

## COMMUNITY BENEFITS

Innergex's philosophy has always been to develop and operate reliable, high-quality projects while respecting the environment and balancing the best interests of communities and partners. Thus, when developing a project, Innergex believes in maximizing local benefits, such as giving preference to hiring local people, consultants, businesses, and contractors.

In addition to construction and employment expenditures, the Last Mile Project is expected to pay \$510K in sales and use taxes, distributed as \$340K to the State of Wyoming, \$105K to Carbon County, and \$65K to Albany County.

The Project will generate increased yearly tax revenue for state and local governments from property taxes based on the Project's assessed value, starting at an estimated \$119K in 2025, once the transmission line is fully constructed. These revenues would directly benefit the State School Fund, the Carbon County General Fund, Carbon County School District #2, the Medicine Bow Health District, the Medicine Bow Conservation District and other county facilities and tax districts.

## SITING CONSIDERATIONS

Innergex evaluated nearly a dozen potential routes for the project, taking into account many significant constraints. This final design represents the shortest transmission line route possible to minimize physical and visual impacts, with several considerations including landowner interest, constructability, engineering and environment constraints, avoidance of subdivisions/towns, setbacks, etc.

The proposed project area is relatively flat and characterized by rolling plains and primarily used for grazing. This Project is very compatible with existing and future ranching and agricultural operations which can continue throughout the life of the Project, including during construction. In addition, the post-construction right-of-way would be reclaimed to the minimum footprint needed for long-term operation and maintenance of the line, maximizing the amount of land available for ranching and agricultural activities.

Development of the Last Mile Project required environmental impact analyses and studies as part of the permitting process, especially with respect to the land managed by the Bureau of Land Management ("BLM"). No BLM Areas of Critical Environmental Concern, BLM Natural Areas, or designated wilderness areas are present in the project area. The Project also avoids the Como Bluff National Natural Landmark.



## TIMELINE

The Last Mile Project has been in negotiations with private landowners and the BLM to obtain the easements/right-of-way and permits necessary to construct, own, and operate the Project and expects to complete these by early 2022. Last Mile has concluded a National Environmental Policy Act (NEPA) review with the BLM and is currently applying for a Conditional Use Permit with Carbon County; as part of this process, public hearings will be held with the Carbon County Planning and Zoning Commission and with the Board of County Commissioners.

Innergex hopes to begin construction on the Last Mile line in Q2 2023 and to be operational by Q3 2024.

The Last Mile Project will interconnect the proposed Boswell Springs Wind Project (also owned by Innergex) which has its own permitting and consultation process and are largely done independently from Last Mile.

## CONTACT

It is important to Innergex that we keep you informed as we go forward with this potential Project and to be a good community partner and neighbor. Please contact us if you have any questions or comments:

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## LAST MILE TRANSMISSION PROJECT ROUTE

