The Griffin Trail Wind Project is a wind farm located in Knox and Baylor Counties, near the community of Vera, in north-west Texas.

Griffin Trail will be sited on approximately 26,000 acres of land and consist of 80 wind turbines for a total installed capacity of 225.6 MW. The project is expected to have an annual power generation of approximately 800,000 MWh, enough to power over 57,000 households in Texas annually with renewable energy. The power generated will be fed into the ERCOT power grid.
COMMUNITY

Being a good neighbor is a priority for Innergex. We have a long and successful track record of developing and operating high-quality, environmentally responsible, and socially acceptable renewable energy projects around the world.

Our presence in the Lone Star State is growing. We currently operate three wind farms, Flat Top in Mills County, Shannon in Clay County and Foard City in nearby Foard County, commissioned in 2019. We also operate the Phoebe solar farm in Winkler County, commissioned in 2019, and have an office in Austin.

We expect the Griffin Trail wind project to bring significant and long-term economic benefits on the local community. Knox County and Hospital, as well as the Benjamin and Seymour Independent School Districts, will receive nearly $66 million in tax revenues over the project’s initial lifetime. Furthermore, landowners participating in the project will receive direct compensation in the form of long-term lease payments.

In terms of labor, we anticipate creating a peak of 200-250 jobs during the construction period. These jobs are expected to inject millions of dollars in the community in construction and installation labor as well as related services. Upon commissioning, a team of 6-8 employees will maintain the installation over the life of the project.

1 All dollars mentioned are in US dollars

ENVIRONMENT & PERMITTING

Innergex is proud of its environmental track record. Our facilities are developed and operated with strict adherence to environmental codes and best practices. Following careful study of the wind resource for over a year, a series of environmental studies (including on birds) were conducted that will enable us to make more informed decisions to minimize, mitigate or avoid environmental impacts.

Based on environmental assessments, we will be locating the turbines at a distance from the Brazos River in an effort to eliminate any potential negative impacts and preserve scenic landscapes. Furthermore, as wind farms do not consume water to generate power, there is no impact on availability or quality of local water supplies.

Permits from the Federal Aviation Authority have been obtained regarding airspace usage. While we prepare financing for the project, we are finalizing the interconnection agreement with Electric Transmission Texas, LLC (ETT). Once finalized, we can start the construction of our substation east of the junction of U.S. Route 82 and FM267, adjacent to where ETT’s new 345 kV switchyard will be that will act as point of interconnection with the grid.

ABOUT THE WIND FARM

The site will consist of 80 wind turbines. The GE turbines will have a 2.8 MW rated capacity and are widely used in Texas and elsewhere in the United States because of their reliability. Other equipment on site will include the switchyard, electrical substation, above ground and buried electrical cables, and access roads.
2020

- **Mid August** Site mobilization: prepare site for office/laydown area – activity localized to one site. Minimal impact.

- **Early September** Start road construction (localized at the start). Start O&M building foundation and construction (localized to one site). Minimal impact.

- **Late October** Start turbine foundation and construction. Construction activities ongoing across the site, expect levels of noise and dust.

- **Early November** Start collection system installation. Construction activities continue across the site. Start substation construction (localized to one area). Expect levels of noise and dust.

2021

- **Mid January** Wind turbine delivery begins and installation starts. Cranes on site, more local traffic disruption with delivery of the components (blades, towers, etc).

- **Late March** Wind turbine delivery ends. Most of the traffic and project construction impacts on local community finished.

2022

- **Late June** Project commissioning and completion.
WIND POWER FACTS
At the top of the tower sits the rotor, the main components of which are the blades. The blades are attached to a horizontal shaft connected to a generator inside the nacelle. When the wind blows it turns the blades, and the rotation generates electricity: as they turn, the blades activate a gearbox in the nacelle that runs the generator. The electricity produced is transmitted to a step-up station and then delivered to consumers through the grid.

The amount of energy produced depends on three main factors: wind speed, air density and the area swept by the blades. Wind turbines produce no atmospheric emissions, no harmful waste nor any other type of air or water pollution. And the noise produced by a wind turbine, as measured outdoors close to nearby homes, is no more than 40 dB, which is equivalent to the hum in a library. Unlike thermal forms of power generation, wind turbines do not consume water to generate electricity.

More information on wind energy is available at Innergex (innergex.com), the American Wind Energy Association (awea.org) and the International Energy Agency (iea.org).

ABOUT INNERGEX
For 30 years, Innergex has believed in a world where abundant renewable energy promotes healthier communities and creates shared prosperity. As an independent renewable power producer which develops, acquires, owns and operates hydroelectric facilities, wind farms and solar farms, Innergex is convinced that generating power from renewable sources will lead the way to a better world. Innergex conducts operations in Canada, the United States, France and Chile.