



Dresser Substation to Wabash River Station 138 kV Transmission Line Project

The Project

Duke Energy is committed to providing affordable and reliable electric power to our customers. With the upcoming retirement of some of the power generating units at the Duke Energy Wabash River Station in West Terre Haute, Ind., we need to add a new single power transmission line between the power plant and the Duke Energy Dresser substation, located about ten miles southwest of the plant.

The new 138-kilovolt overhead power line will provide access to other power sources for west central Indiana customers, as well as improve the reliability of their electric service by creating a major new route for power delivery.

Project Basics

The company is exploring several routes for this new power line, and we expect that it will run through mostly rural areas of west Vigo County. Information gathered from landowners and other stakeholders, as well as the general public, will be combined with environmental and engineering considerations to determine the preferred route.

We expect to begin construction on the project in the second or third quarter of 2015. The line will be supported by steel or wood poles. We expect to finish our work and place the line in service before summer 2016.

Customer Benefits

This project will be a vital part of Duke Energy's obligation to provide reliable electric service to residential, commercial and industrial customers in west central Indiana.

- It will provide additional power capacity to customers in Vigo County.
- It will enhance service reliability by providing an alternate option to re-route power in the event other transmission lines are damaged or require routine maintenance.
- It will enable us to serve more customers from multiple substations, which should also reduce power outage times and improve reliability.

Frequently Asked Questions (FAQ)

Q: Does Duke Energy have the necessary land rights to install this transmission line?

A: The number of easements required for this project cannot be determined until the preferred route is selected. Once this route is chosen, we will negotiate with landowners to obtain the required easements for construction.

Q: How wide will the easement need to be?

A: The easement corridor will be 100 feet wide. Depending on the location of the preferred route, we may need to expand some of the easement areas beyond 100 feet in width.

Q: Do you anticipate any power outages during this project?

A: There will be some transmission line outages necessary to construct this line; however, this work should not cause any project-related outages to our customers.

Q: Will any trees or other vegetation be removed as part of the project?

A: Trees and other woody vegetation growing near our overhead electric lines create safety hazards for our employees and contractors, as well as for the public. As was evident from this past winter, they also cause power outages for our customers. As a result, we will clear the easement area of trees and other woody vegetation when we install this new power line and when we maintain it in the future.

Q: Will any roads be closed during this project?

A: If any portion of the preferred route runs along or crosses a public road, it may be necessary to restrict the flow of traffic during the course of that construction. We will work closely with state and local authorities to minimize any traffic restrictions.

Q: What about electric and magnetic fields, or EMF?

A: Many studies have been performed regarding EMF from power lines, household appliances and other devices with an electric current. You can find more information on our web site at http://www.duke-energy.com/pdfs/emf_brochure.pdf

Q: What if I have additional questions?

A: We have established a dedicated email address, DressertoWabash@duke-energy.com where you can email your questions. We will reply to your inquiries in a timely manner.