GREENSBORO RANDOLPH MEGASITE

Selecting potential routes for transmission lines

Duke Energy's goal is to minimize impacts on the environment, cultural resources and communities as we address transmission needs. In selecting potential routes for transmission lines, the company balances many factors – such as community input, environmental impact, safety, cost and reliability. The company uses a transparent and thoughtful process that considers many elements.

- Duke Energy involves the public early in the planning process – before selecting any specific transmission routes. Community input improves the process and provides a better result.
- A team of scientists, planners and engineers develops the list of criteria used to identify potential corridors. Community input, as well as ecological, physical, real estate and land use information, is collected and used to evaluate the corridors and determine viable routes (the actual easement areas for the new transmission lines).
- We look for corridors and routes that minimize the impact on homes, the community and the environment, while meeting the legal and engineering requirements of the project and minimizing the costs to customers.
- After an intensive study, Duke Energy identifies a number of potential routes for the new transmission lines.
- Duke Energy will host community informational meetings to engage local residents and key stakeholders for input on the potential routes and to share information about the project.
- Experts from Duke Energy will also be available at the community meetings to answer questions. We will incorporate information gathered from these outreach activities into our planning process.
- Crews then conduct further field and aerial research. Duke Energy will continue to review the corridors until a final determination is made.
- When the transmission routes are ultimately selected, rights of way will be acquired.
- Following rights-of-way acquisition, Duke Energy will begin engineering and design of the line. Specific placement of poles or other structures will be determined prior to construction.

You may contact us to get additional information at:
Email: CarolinasTransmissionEnhancements@duke-energy.com
Phone: 800.365.8979

DUKE ENERGY. Content provided by Duke Energy