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Duke Energy Noblesville-Westfield Reliability Projects



Project Overview

The once rural, agricultural areas of Westfield and Noblesville have experienced tremendous growth. Since 2000, the population of Westfield has grown 400%, and the population of Noblesville has grown 135%.

The backbone of this area's electric system is a 230-kilovolt (kV) line that runs north to south, parallel to Moontown Road/North Gray Road. It was built in 1984 when these two communities looked much different than they do today. This high-voltage power line is feeding the local 69-kV transmission grid, which powers area distribution substations that bring electricity to homes and businesses.

As Noblesville and Westfield continue to grow, Duke Energy must make improvements to support that growth and continue providing reliable service to the communities. Part of those improvements includes a new substation and two new transmission lines.

Project Description

- A new substation and two new 69-kV electric transmission lines are intended to:
  - meet the growing demand for electricity in the Noblesville and Westfield areas.
  - maintain the reliability and resiliency of our local power lines and infrastructure.
- The new substation will be built near the intersection of Westfield Road/Ind. 32 East and Moontown Road/North Gray Road on land that Duke Energy purchased in 2019.
- Two new power lines will originate from this new substation and connect to an existing 69-kV transmission line to the south and a substation – Westfield Northeast – to the north. The existing 69-kV transmission line is southwest of the new substation.
- The new northern line will be about 3 miles long, whereas the new southern line will be about 2 miles long, depending on the final routes selected.

Benefits to the Community

- Helps provide safe, reliable energy to serve the rapidly developing communities of Noblesville and Westfield.
- Helps improve resiliency to avoid outages and speed restoration.
- Enhances Duke Energy's ability to provide safe electric service to local homes, schools hospitals and businesses.
- More flexibility for providing critical energy to communities in the region.
- Helps improve reliability and resiliency of the energy supply in the region.

Transmission Line Route Segment Options Under Consideration

A number of route segments are currently being considered for the northern and southern transmission lines. All of the route segments are available for viewing by using the "Interactive Map" feature found on the project webpage. The route selection is based on a number of factors, including public input, land use, land cover, occupied buildings, safety, reliability, cost, and cultural, natural, visual and water resources. The preferred routes for the northern and southern transmission lines are expected to be announced by late summer 2022.

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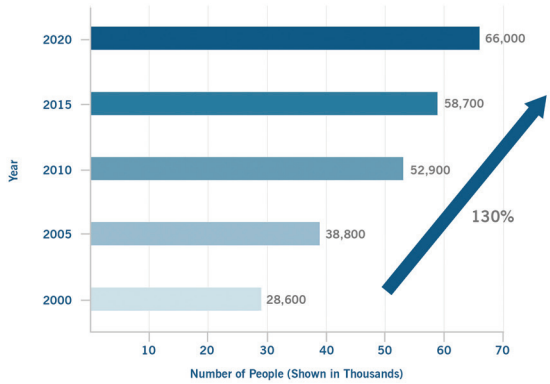
Tentative Project Timeline

**Note: Timeline may change with weather impacts on construction, schedule changes, etc.*

- Virtual and In-Person Open House Meetings (June 2022)
- Public Comment Period (June 7-July 21, 2022)
- Preferred Route Announcement (Summer 2022)
- Preconstruction Activities (2023-2024)
- Construction (2023-2024)
- Restoration (2025)

Population Growth in Noblesville-Westfield Over the Last 20 Years

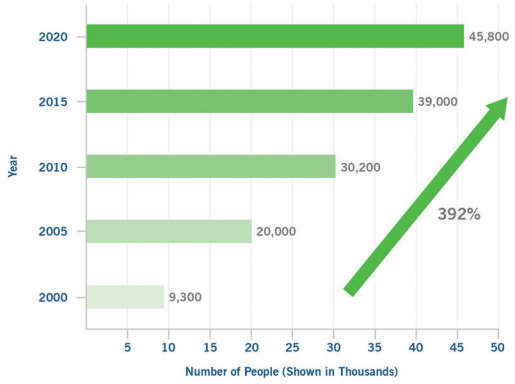
20-Year Population Growth of Noblesville



Over the past 20 years, the population of Noblesville has grown dramatically. The population size has increased by 130%, rising from 28,600 to 66,000.

SOURCE:https://worldpopulationreview.com/us-cities/noblesville-in-population

20-Year Population Growth of Westfield



Over the past 20 years, the population of Westfield has grown dramatically. The population size has increased by 392%, rising from 9,300 to 45,800.

SOURCE:https://worldpopulationreview.com/us-cities/westfield-in-population

We're committed to keeping you informed throughout this project. If you have questions, please feel free to contact us:

Noblesville-WestReliabilityProjects@duke-energy.com

duke-energy.com/Noblesville-Westfield

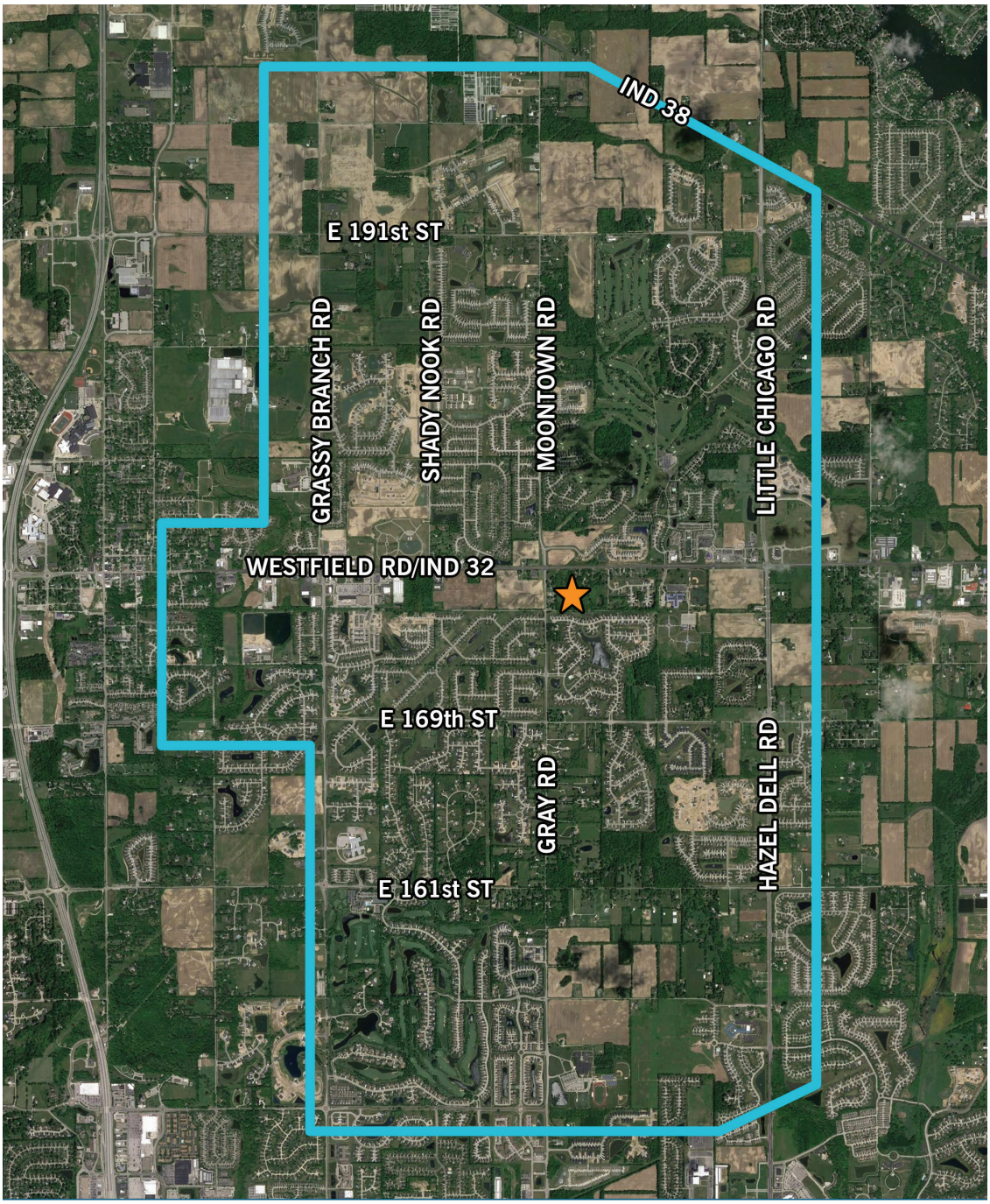
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Duke Energy Noblesville-Westfield Reliability Projects Map



LEGEND

- Study area for Noblesville-Westfield Reliability Projects
- Location of future Noblesville Substation

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