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**WITHDRAWN BY APPLICANT**

# Berry Hill Energy Connection Project



Southern Virginia Mega Site at Berry Hill



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# Project Overview

## WHAT

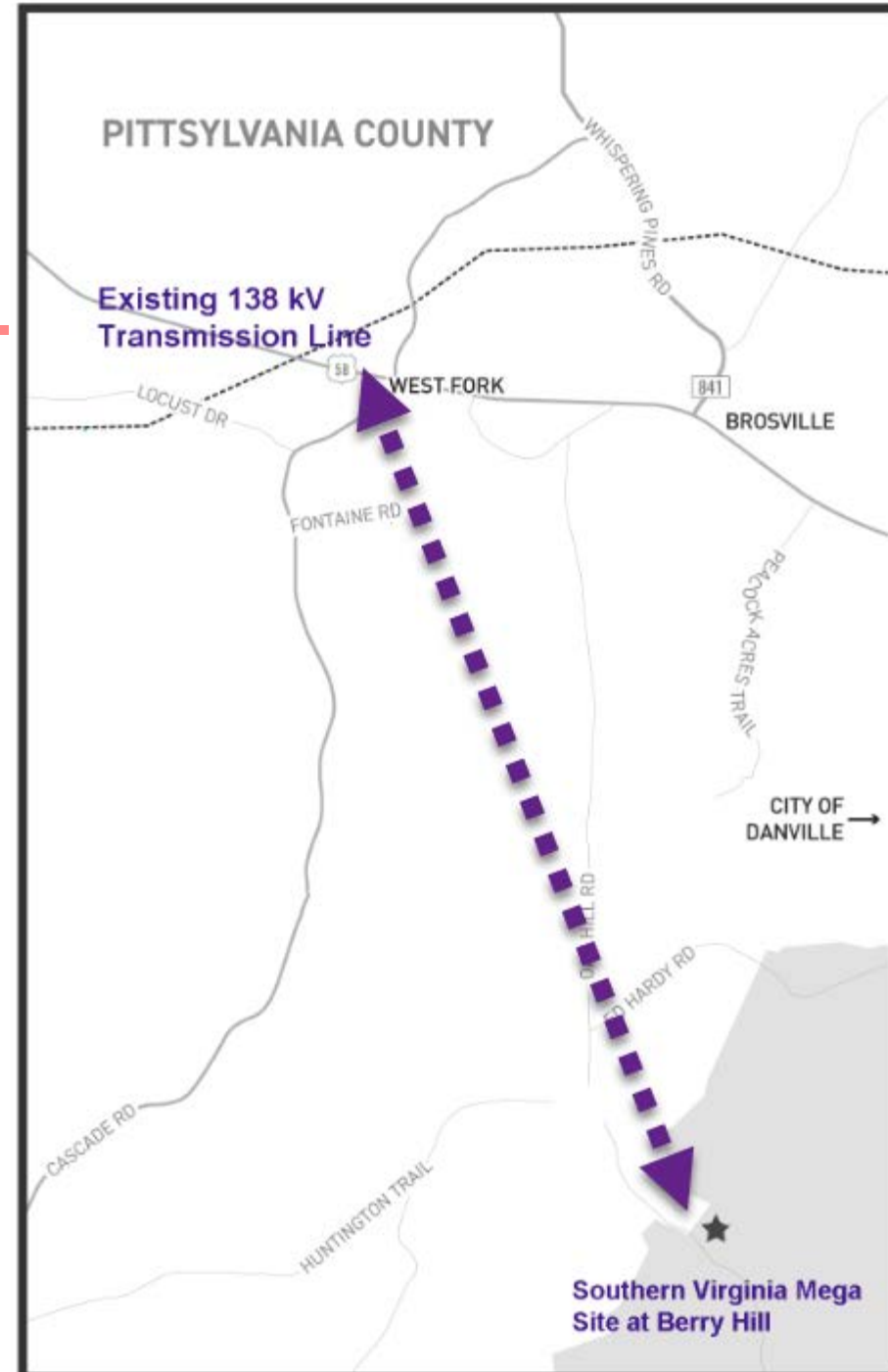
An approximate 5-mile 138 kV transmission line and new substation.

## WHY

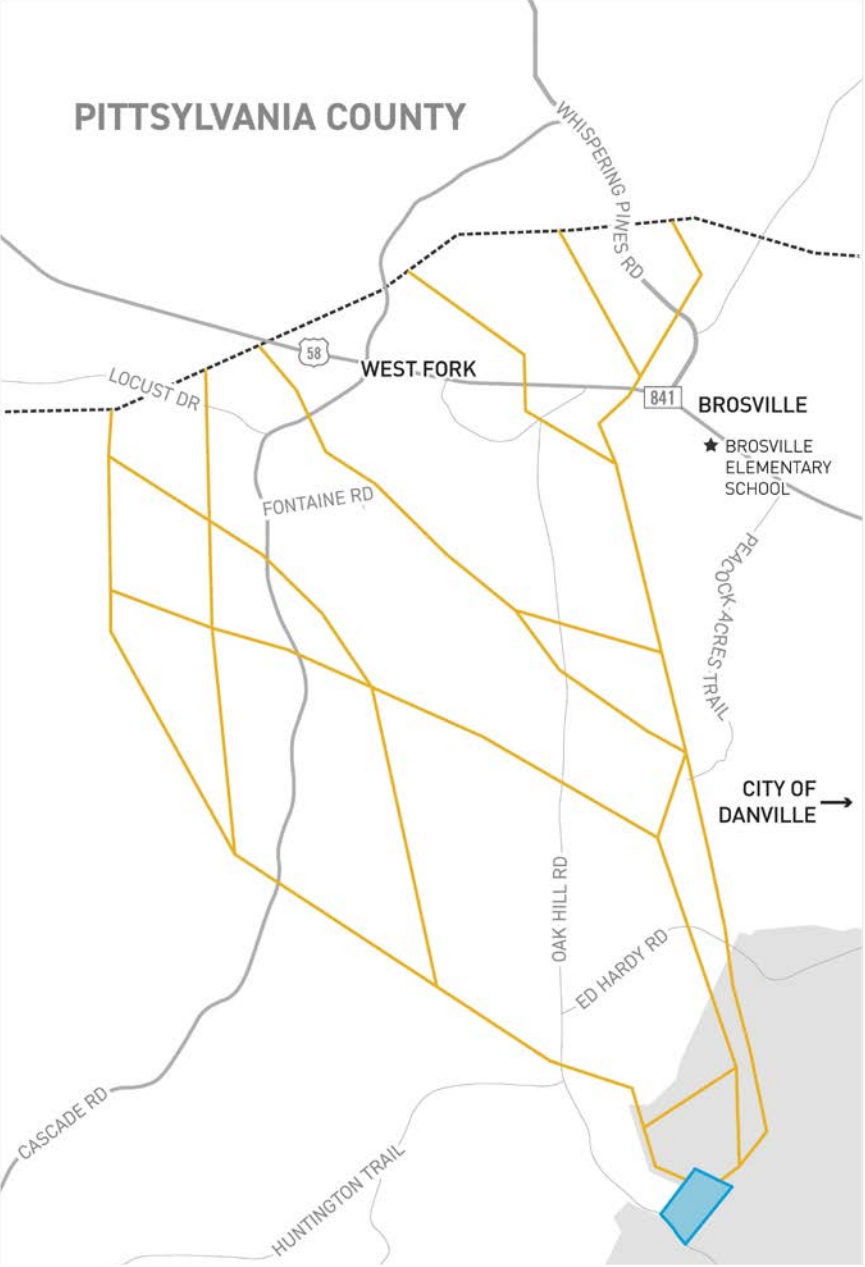
The Project will supply power to the Southern Virginia Mega Site at Berry Hill industrial park near Danville. A robust power source at the industrial park increases electric service reliability in the area while supporting continued business development.

## WHERE

Plans include building the proposed substation inside the industrial park. Preliminary study segments for the proposed transmission line begin inside the industrial park and travel northwest across Pittsylvania County. The study segments travel in various directions toward U.S. Route 58 before connecting with an existing Appalachian Power transmission line.



**PITTSYLVANIA COUNTY**



**BERRY HILL ENERGY CONNECTION PROJECT**

- PRELIMINARY STUDY SEGMENTS
  - PROPOSED SUBSTATION STUDY AREA
  - - - EXISTING TRANSMISSION LINE
  - SOUTHERN VIRGINIA MEGA SITE AT BERRY HILL
  - ★ OPEN HOUSE LOCATION
- \*STUDY SEGMENTS ARE ALTERNATIVES TO REVIEW TO DETERMINE A FINAL LINE ROUTE

# Study Segments

## Objectives

- Avoid or minimize impacts on human, visual and natural resources
- Meet the overall project objective to provide a robust power source to the park.

## Methods

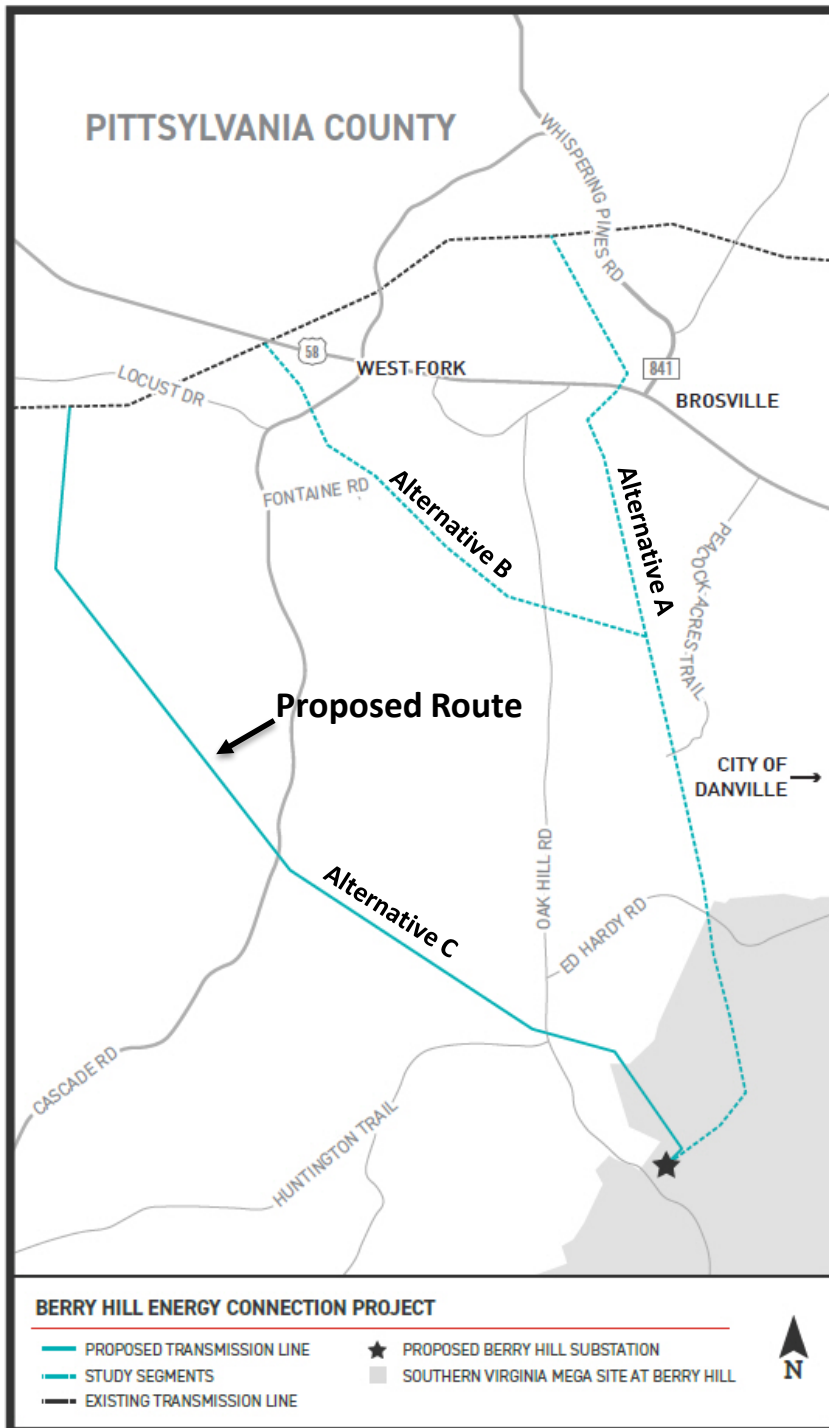
- Extensive coordination with the County
- Mapped publicly available data from federal, state, and local sources
- Field reconnaissance
- Held a public open house on Jan. 9, 2019 (Brosville Elementary School)
  - 116 landowners invited.
  - 30 attended.
- Met with numerous landowners

## Alternative Routes

- Refined study segments into three alternative routes
- Analyzed and compared the alternative routes

## Proposed Route (Alternative C)

- Minimizes overall impacts
- Fewer nearby residences
- Fewer land use conflicts (the study area becomes more developed eastward toward Danville).
- Positive public & stakeholder input
- Fewer constructability issues (e.g., access, fewer structure angles)





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# Proposed Structures

## TYPICAL STRUCTURES

Construction involves the use of galvanized steel, double-circuit monopole structures.

Structure Height: **Approximately 100 feet**

Right-of-Way Width: **Approximately 100 feet**

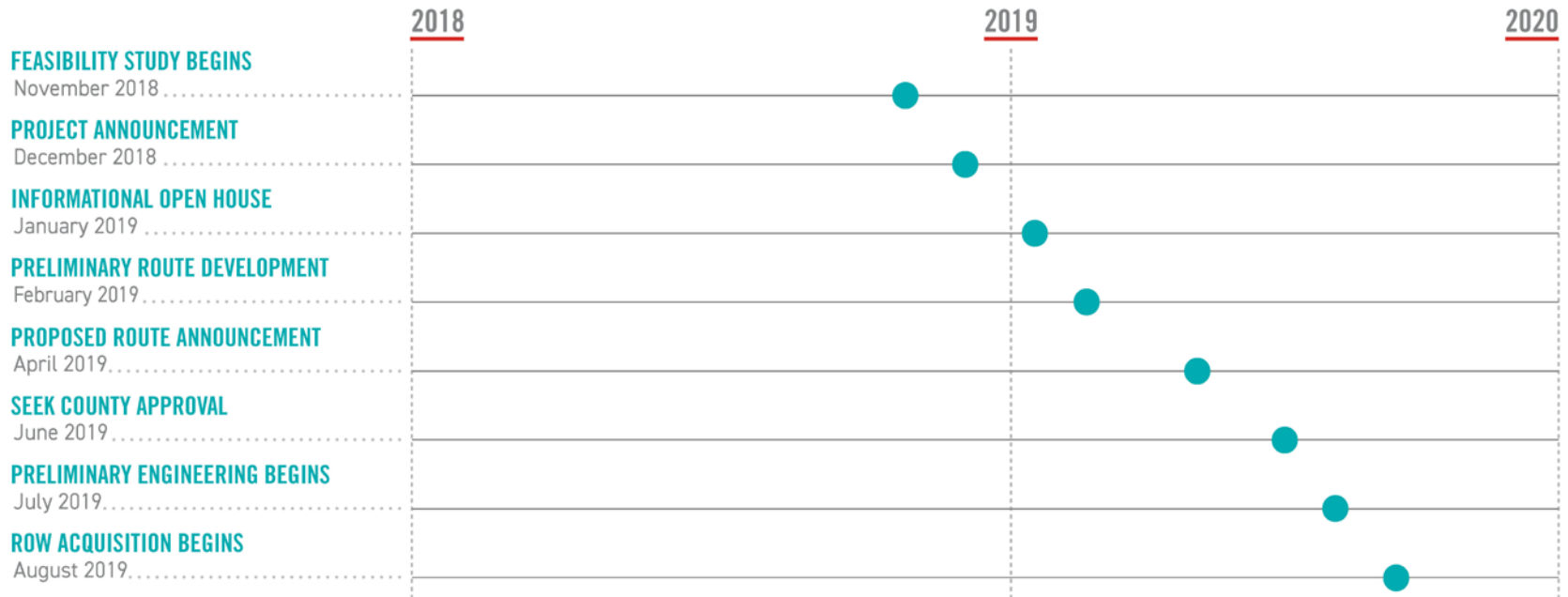


# BERRY HILL

## ENERGY CONNECTION PROJECT



### [ PROJECT SCHEDULE ]



\*Timeline subject to change.





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## Resolution of Support

Pursuant to the Board of Supervisors recommendation on March 12, 2019 (Pittsylvania County Board of Supervisors Work Session), following completion of a public hearing, Appalachian Power seeks a resolution in support of the proposed transmission line and substation.

Later, pursuant to Va. Code §15.2-2232, Appalachian Power will seek a determination by the Pittsylvania County Planning Commission that the general or approximate location, character and extent of the proposed Berry Hill Substation and the associated transmission line tap are substantially in accord with the County's adopted comprehensive plan.