

APPALACHIAN POWER COMPANY
BEFORE THE
VIRGINIA STATE CORPORATION COMMISSION
CASE NO. PUR-2021-00049

APPLICATION FOR APPROVAL AND CERTIFICATION OF
ELECTRICAL TRANSMISSION LINE

Reusens to New London
138 kV Rebuild Project

VOLUME 1 OF 2

Application, Testimony, Response to Guidelines &
Exhibits

April 2021

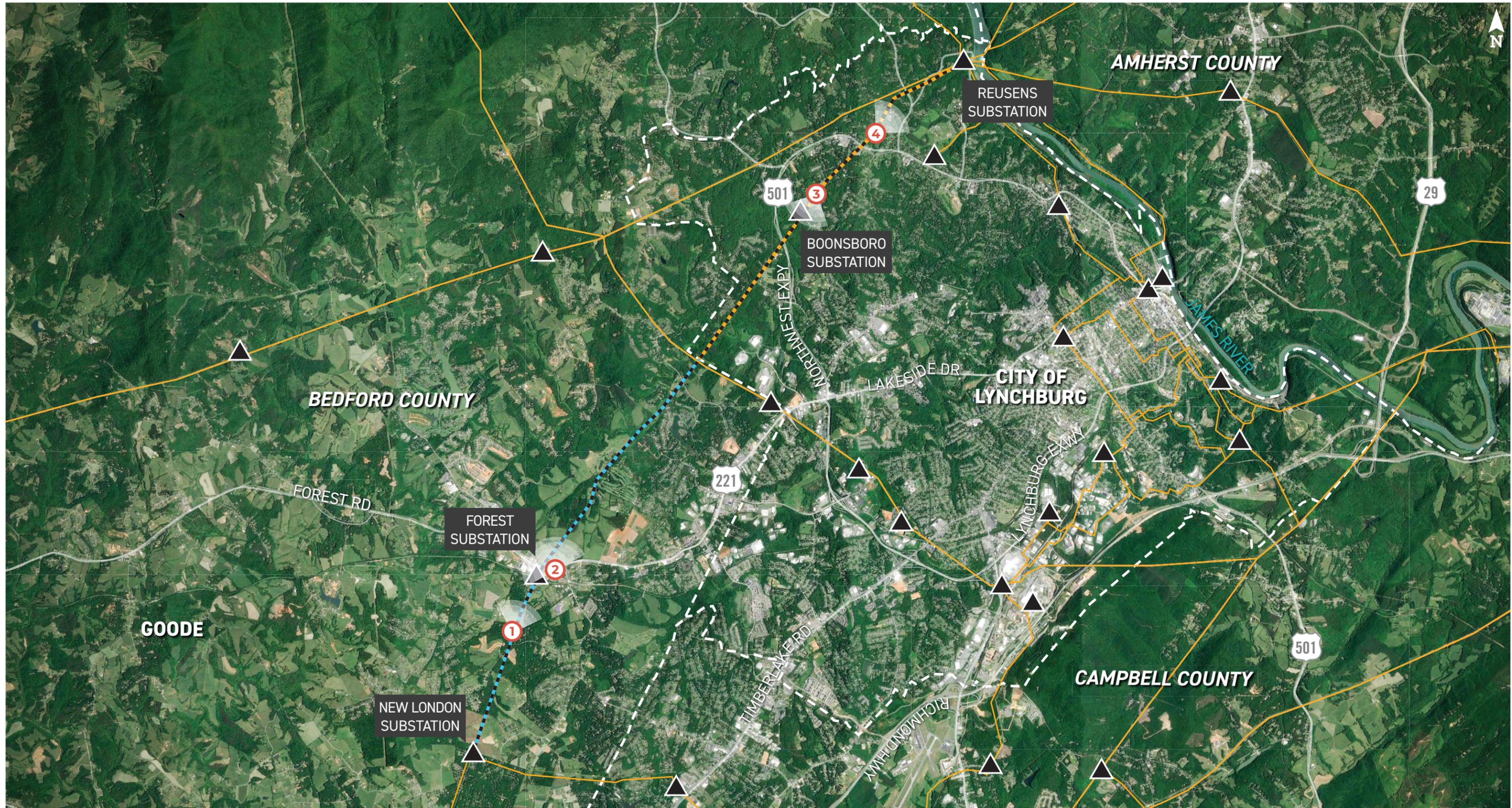
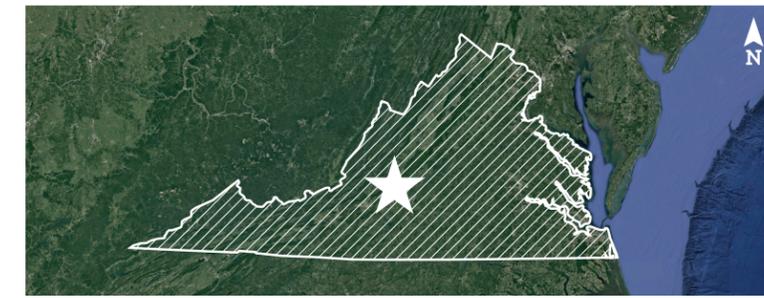
VISUAL SIMULATIONS

REUSENS TO NEW LONDON

138 KV REBUILD PROJECT

PHOTO VIEWPOINT MAP

- ▲ EXISTING SUBSTATION
- EXISTING TRANSMISSION LINE
- - - SINGLE CIRCUIT TRANSMISSION LINE TO BE REBUILT (IN OR NEAR EXISTING RIGHT-OF-WAY)
- · - · - DOUBLE CIRCUIT TRANSMISSION LINE TO BE REBUILT (IN OR NEAR EXISTING RIGHT-OF-WAY)
- ① PHOTO VIEWPOINT LOCATION
- ▭▭▭▭▭▭ COUNTY LINES



REUSENS TO NEW LONDON

138 KV REBUILD PROJECT

PHOTO VIEWPOINT 1

DATE:
02/09/2021

TIME:
10:03 AM

DIRECTION:
NORTH

- ▲ EXISTING SUBSTATION
- SINGLE CIRCUIT TRANSMISSION LINE TO BE REBUILT (IN OR NEAR EXISTING RIGHT-OF-WAY)
- ① PHOTO VIEWPOINT LOCATION

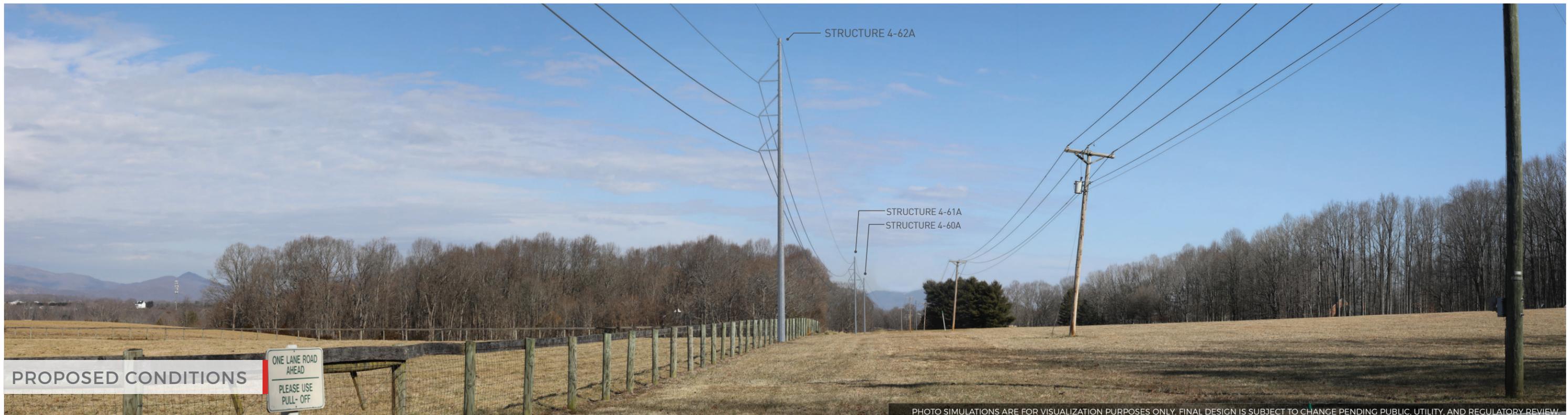


PHOTO SIMULATIONS ARE FOR VISUALIZATION PURPOSES ONLY. FINAL DESIGN IS SUBJECT TO CHANGE PENDING PUBLIC, UTILITY, AND REGULATORY REVIEW.

REUSENS TO NEW LONDON

138 KV REBUILD PROJECT

PHOTO VIEWPOINT 2

DATE:
02/09/2021

TIME:
10:26 AM

DIRECTION:
NORTH



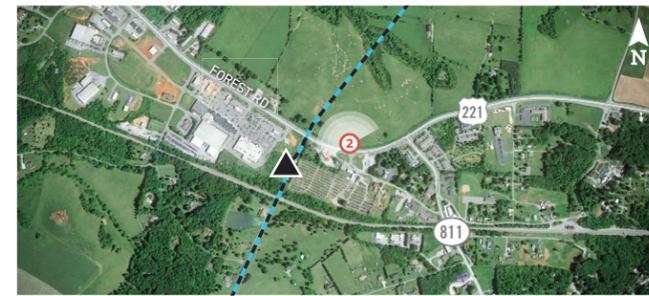
EXISTING SUBSTATION



SINGLE CIRCUIT TRANSMISSION LINE TO BE REBUILT
(IN OR NEAR EXISTING RIGHT-OF-WAY)



PHOTO VIEWPOINT LOCATION



An AEP Company

BOUNDLESS ENERGY™



EXISTING CONDITIONS



PROPOSED CONDITIONS

PHOTO SIMULATIONS ARE FOR VISUALIZATION PURPOSES ONLY. FINAL DESIGN IS SUBJECT TO CHANGE PENDING PUBLIC, UTILITY, AND REGULATORY REVIEW.

REUSENS TO NEW LONDON

138 KV REBUILD PROJECT

PHOTO VIEWPOINT 3

DATE:
02/09/2021

TIME:
12:32 PM

DIRECTION:
SOUTHWEST

- ▲ EXISTING SUBSTATION
- DOUBLE CIRCUIT TRANSMISSION LINE TO BE REBUILD (IN OR NEAR EXISTING RIGHT-OF-WAY)
- ③ PHOTO VIEWPOINT LOCATION



EXISTING CONDITIONS



PROPOSED CONDITIONS

PHOTO SIMULATIONS ARE FOR VISUALIZATION PURPOSES ONLY. FINAL DESIGN IS SUBJECT TO CHANGE PENDING PUBLIC, UTILITY, AND REGULATORY REVIEW.

REUSENS TO NEW LONDON

138 KV REBUILD PROJECT

PHOTO VIEWPOINT 4

DATE:
02/09/2021

TIME:
8:59 AM

DIRECTION:
NORTHEAST

- ▲ EXISTING SUBSTATION
- DOUBLE CIRCUIT TRANSMISSION LINE TO BE REBUILD (IN OR NEAR EXISTING RIGHT-OF-WAY)
- ④ PHOTO VIEWPOINT LOCATION



EXISTING CONDITIONS



PROPOSED CONDITIONS

PHOTO SIMULATIONS ARE FOR VISUALIZATION PURPOSES ONLY. FINAL DESIGN IS SUBJECT TO CHANGE PENDING PUBLIC, UTILITY, AND REGULATORY REVIEW.