

Cumberland Energy Center

June 8, 2026



Agenda

5:35: Project Overview Presentation

Dominion Energy in Cumberland County

How the Grid Works

Project Overview

Project Considerations

Community Benefits

Next Steps & Opportunities for Feedback

6:00: Q&A

6:30: Subject-specific, 1x1, Discussions

Dominion Energy in Cumberland County



2,993 customers



80+ constituents



105 community members participated in regulated energy conservation programs



40+ miles of middle-mile broadband fiber

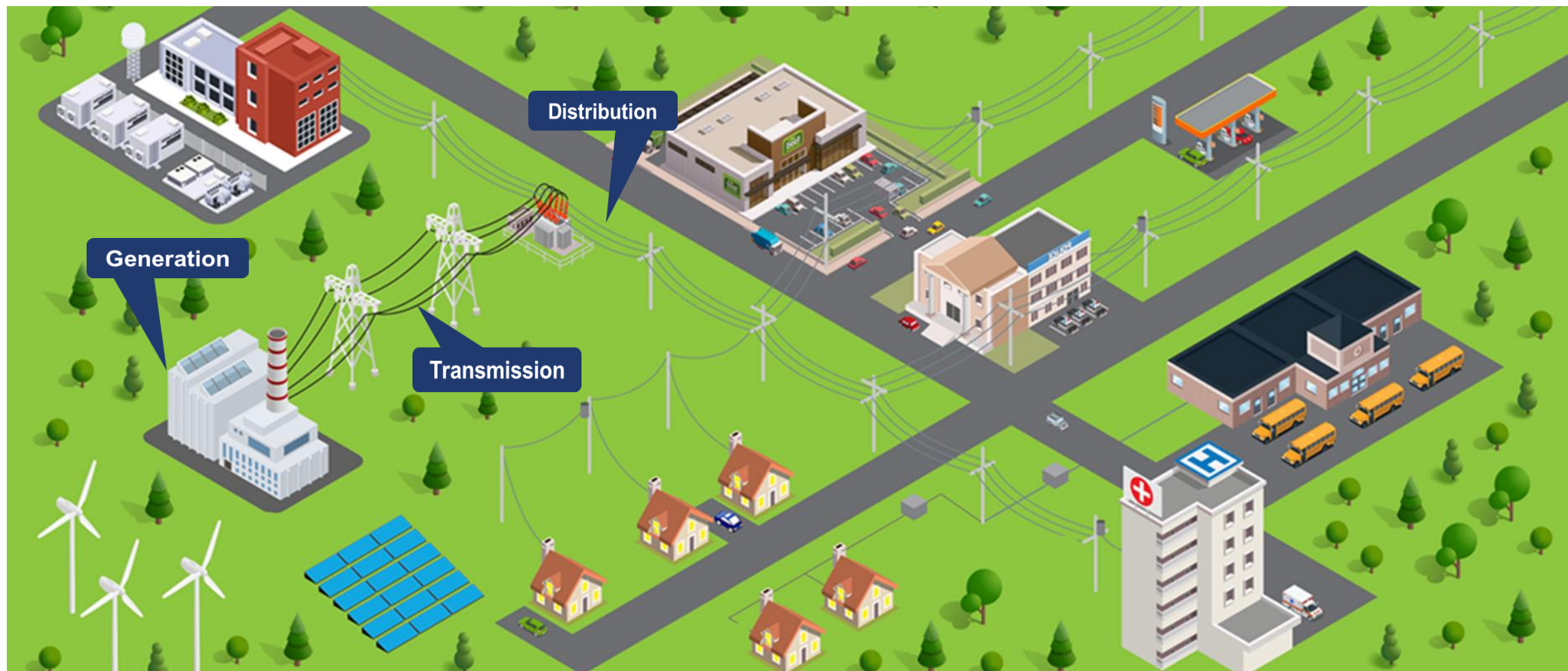


\$24,000 in area charitable contributions



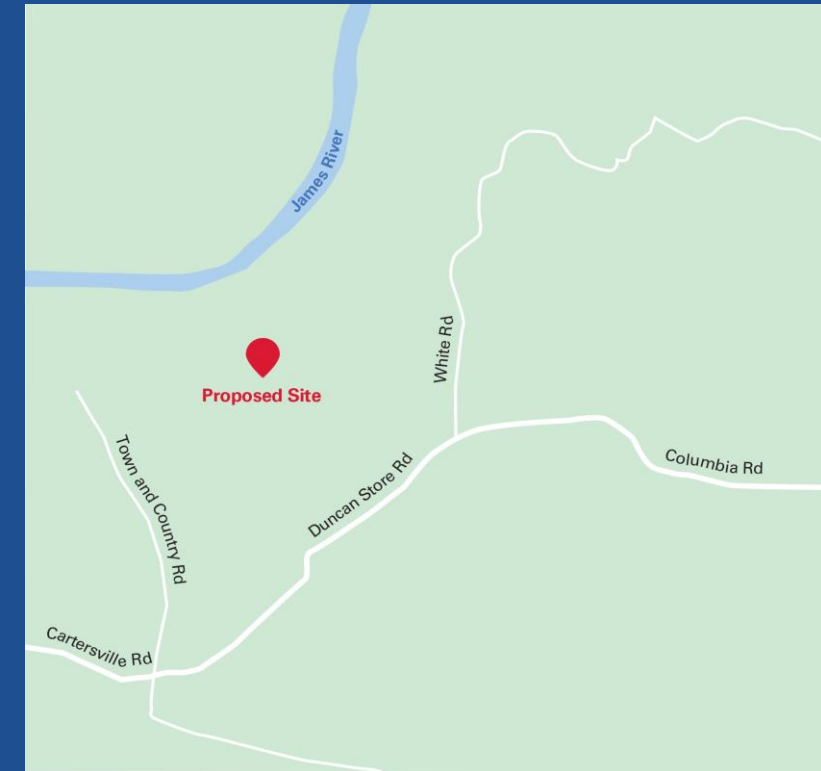
\$320,000+ property taxes paid

How the Grid Works



Project Overview

- Two, 2-on-1 combined-cycle units producing ~3 gigawatts (GW) of power
 - Enough to power up to 750,000 homes
- Combined-cycle units operate as baseload, around-the-clock, units
 - Use of natural gas and steam turbines
 - Flexibility in load level operation
 - Meet everyday power demands efficiently
- Located off Duncan Store Road
 - District 1
 - ~150 acres of project property
 - ~972 acres of total property

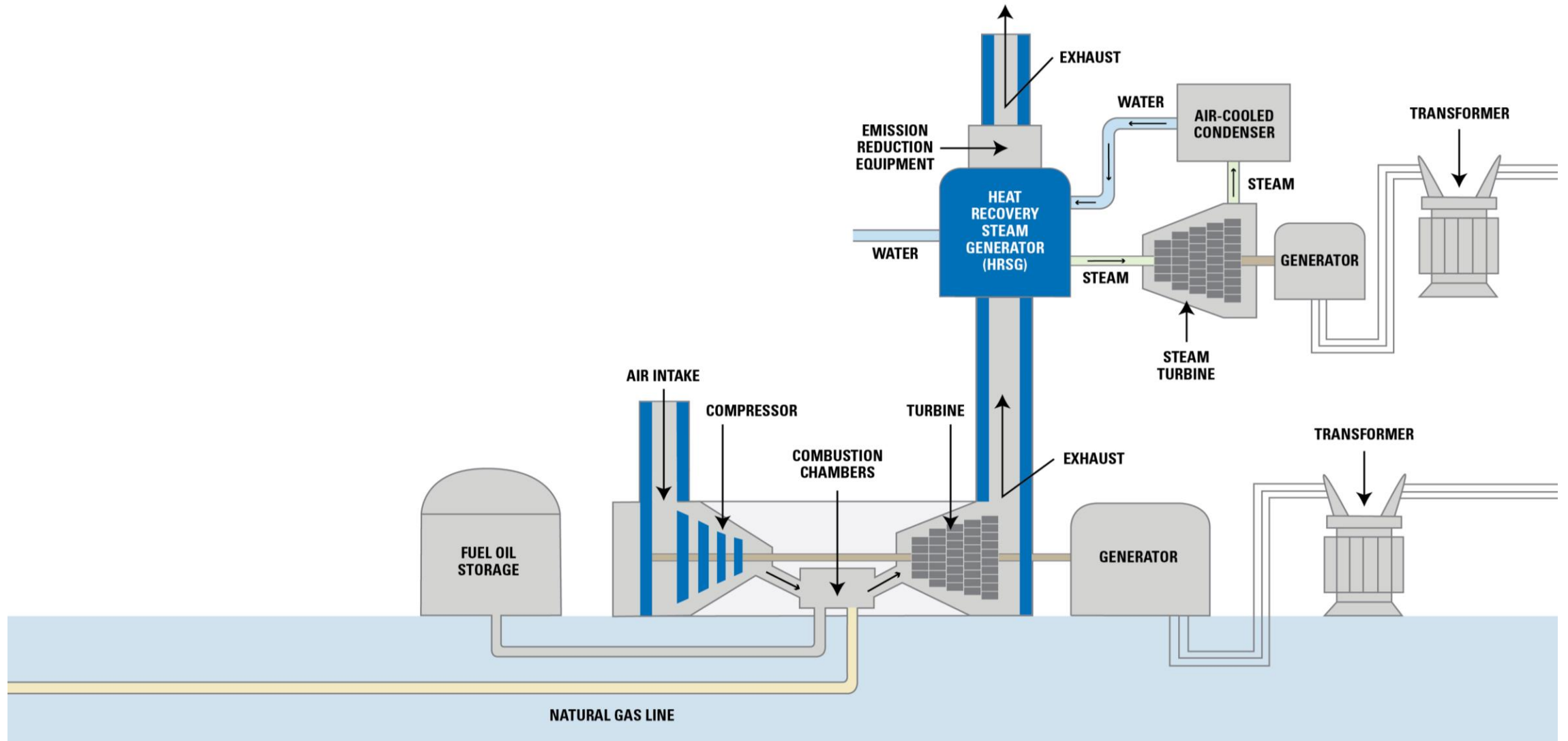


Project Overview



Renderings subject to change

Combined Cycle



Project Considerations



Emissions

- Utilizing Best Available Control Technology (BACT) to reduce emissions
- Implementation of emissions control and advance class technologies



Sound

- During normal operations, sound will not exceed 75 dB at the property boundary
- During normal operations, sound should not exceed 65 dB at nearest residence



Visual

- Initial analysis shows limited viewshed impact due to natural land characteristics
- Efforts to minimize viewshed impact to the community

General Emissions Overview



Emissions are created during the combustion process when air is mixed with natural gas and then burned

Reducing Emissions Creation

- Advanced Class efficient combustion turbines
- Inherent combustion control systems

Minimizing Emissions Release

- Selective Catalytic Reduction Systems (SCRs)
- Oxidation Catalyst

What Does 65 dBA Sound Like?

- Normal conversation, television at typical volume, range hood on medium, inside a car while driving

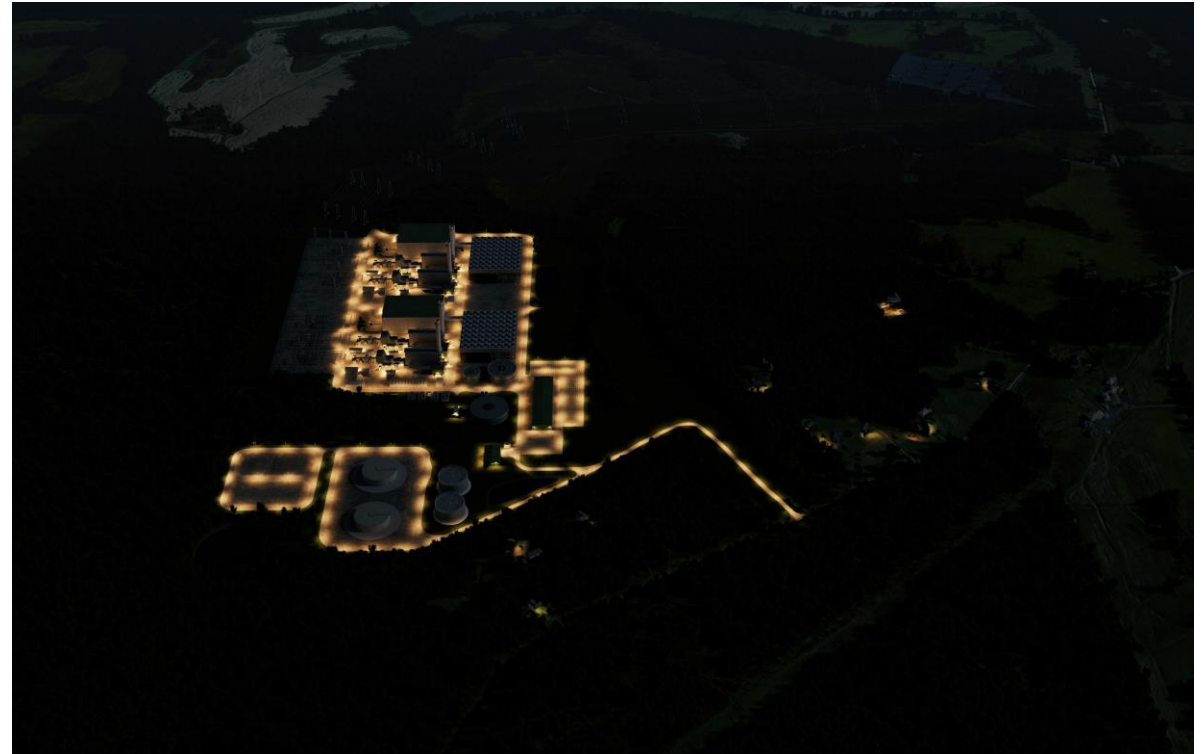
Where Sound May Be Heard

- At property boundary
- At the nearest residence, primarily outdoors

Mitigation Techniques

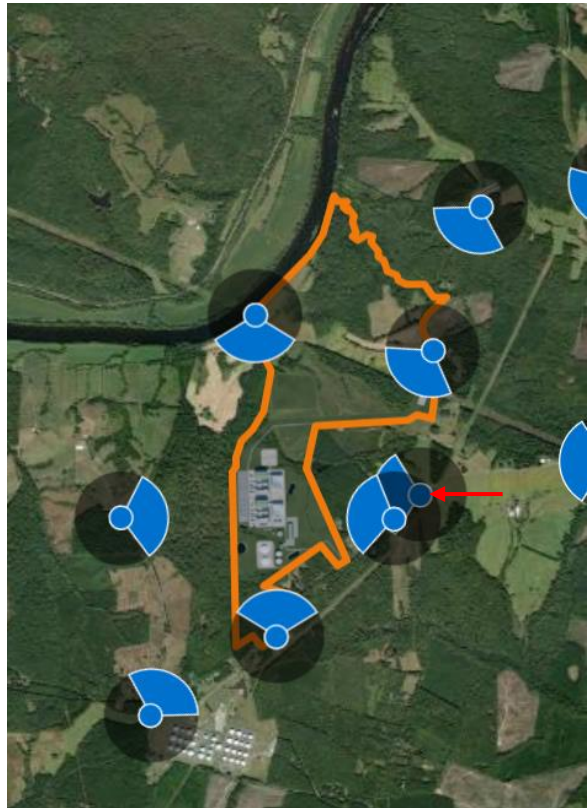
- Station-specific Measures: Turbine enclosures, silencers & diffusers, use of low-noise equipment
- Site-specific Measures: Strategic station layout to limit sound propagation, adequate setbacks & buffer zones

Visualizations



Renderings subject to change

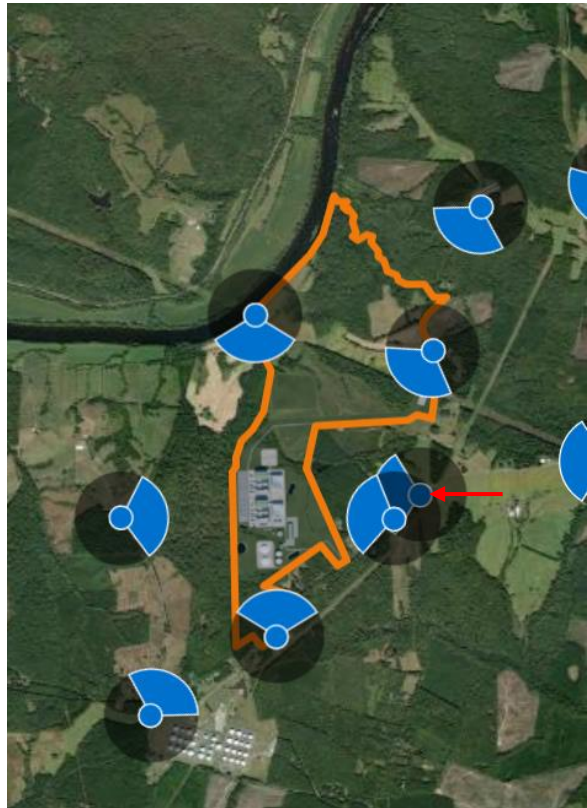
Visualizations



View facing West from Duncan Store Road



Visualizations



View facing West from Duncan Store Road



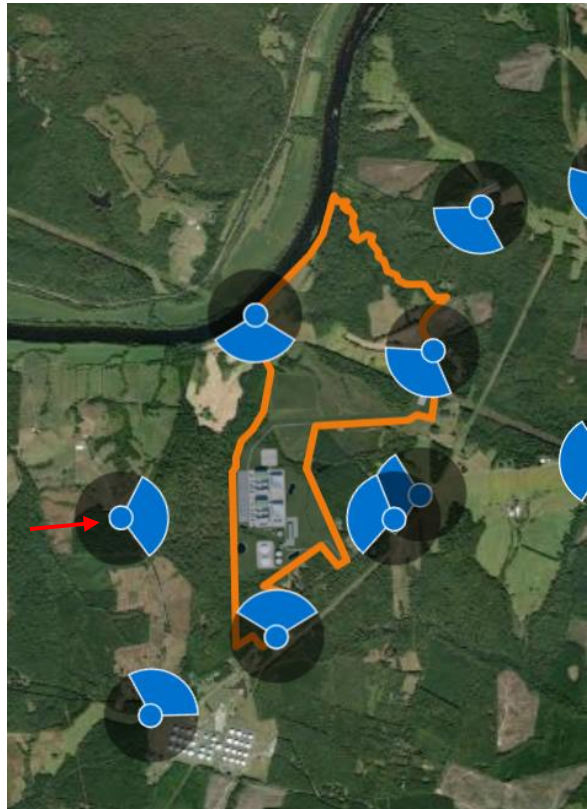
Current



Proposed

ⓘ Infrastructure is not visible from this Key Observation Point

Visualizations



View facing East from Town and Country Road



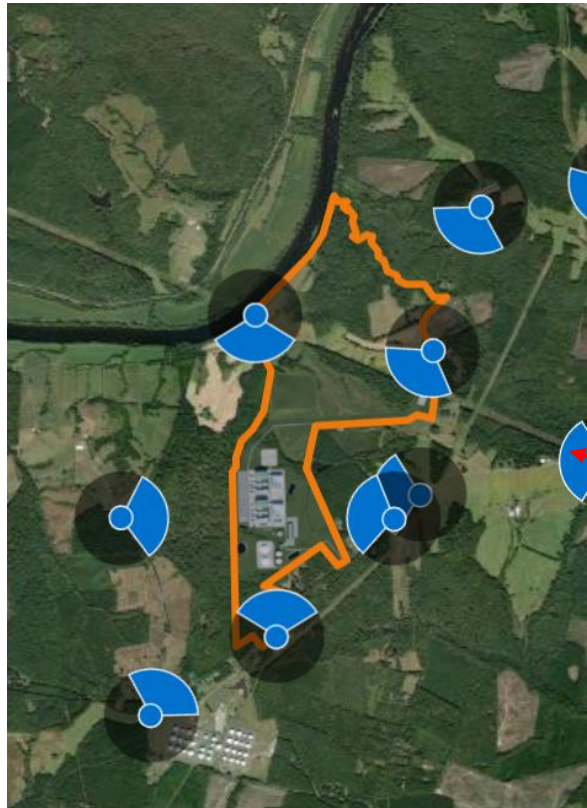
Visualizations



View facing East from Town and Country Road



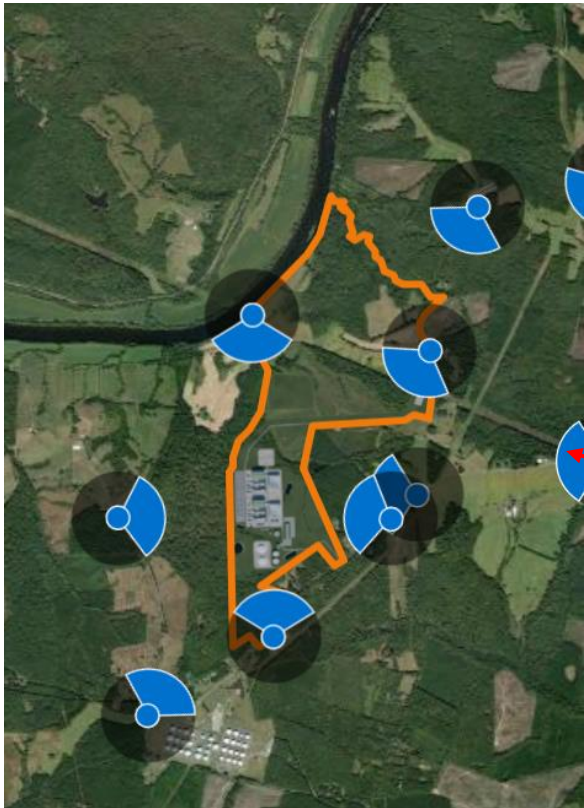
Visualizations



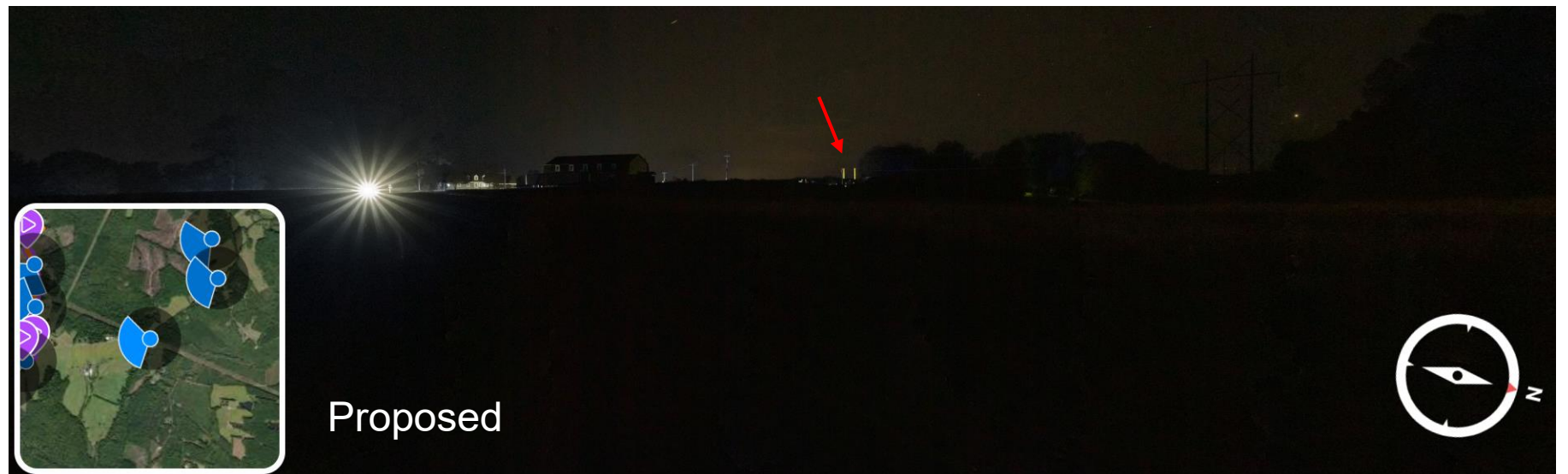
*View facing West from
Columbia Road*



Visualizations



*View facing West from
Columbia Road*



Cumberland County Benefits

During Construction



336 direct and indirect jobs



\$71.8 Million in economic activity



\$16 Million in wages and benefits

During Operations



102 direct and indirect jobs



\$142 Million in annual economic activity



Over \$500 Million in tax revenue to Cumberland County (over 1st 35 years)

Anticipated Project Timeline



**June-December
2026**

**January-May
2027**

2029

2033/2034

Submit CUP to
Cumberland County

Submit CPCN to VA
SCC

Begin Construction

Begin Operations

Submit Air Permit to
VA DEQ

Community engagement and project development will take place throughout the permitting processes

Public Engagement Opportunities



Conditional Use Permit

- Community Meetings and Open Houses
- Planning Commission Public Hearing
- Board of Supervisors Public Hearing



Air Permit

- DEQ Informational Briefing
- DEQ Public Comment Period
- DEQ Public Hearing
- DEQ Comment Public Hearing



CPCN

- SCC Public Comment Period
- SCC Public Testimony

Dominion Energy will host community meetings and open houses throughout the permitting process

Project Contact Information



Website

[Dominionenergy.com/cumberlandenergy](https://www.dominionenergy.com/cumberlandenergy)



Phone

434-842-4179



Email

cumberlandenergy@dominionenergy.com



Next Community Meeting

June 8, 5:30PM-7:00PM

Cartersville Volunteer Fire Dept.



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