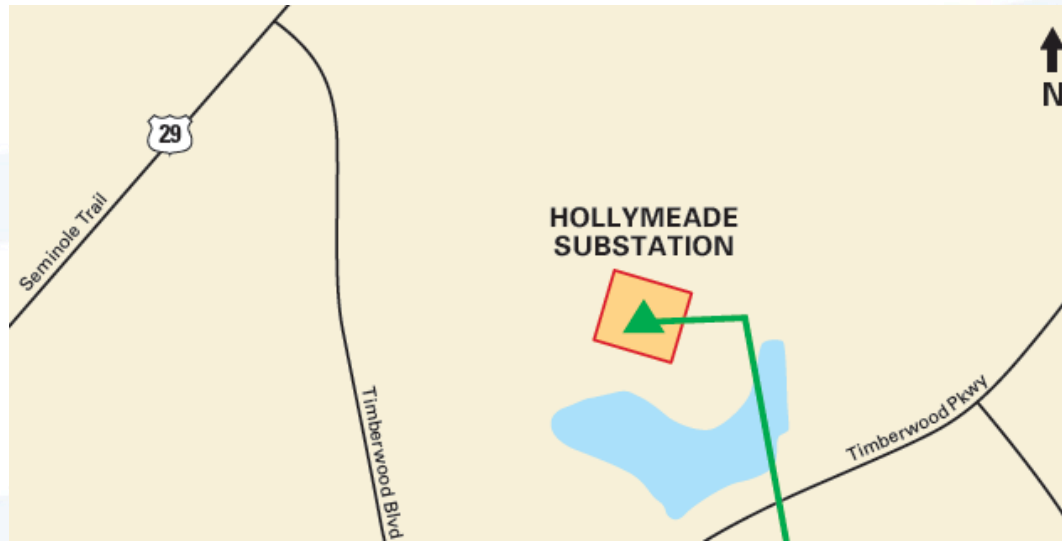


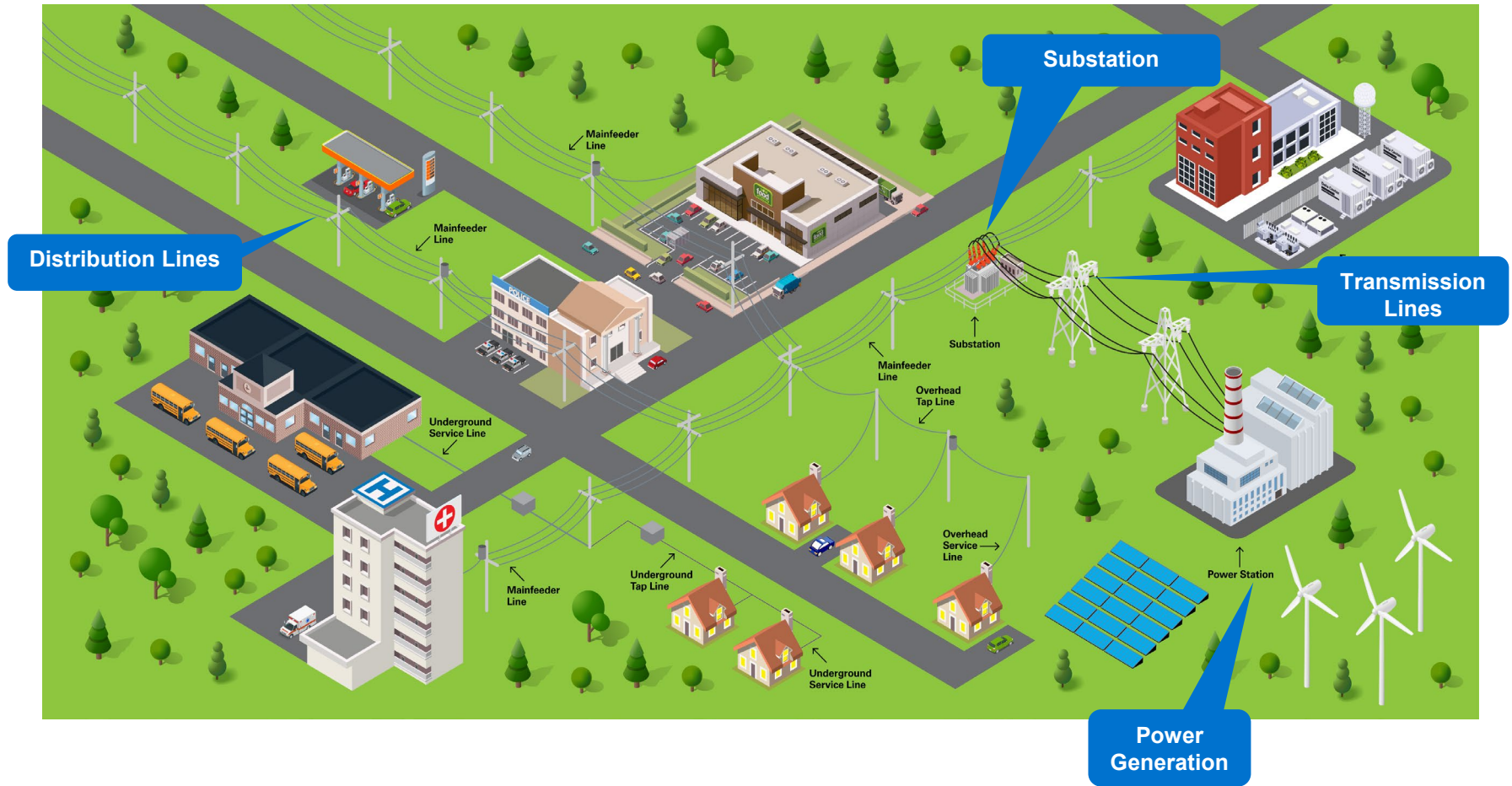
# Hollymeade Substation Expansion

SP2022-00021

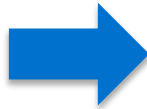
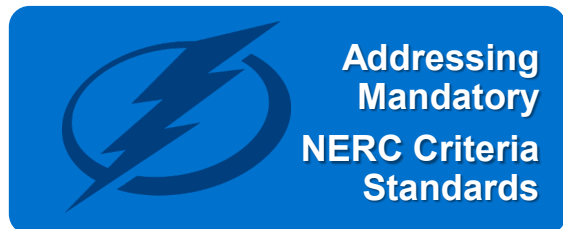


Places 29-North Community Advisory Committee  
October 13, 2022

# Substations: A Vital Role in the Energy Grid

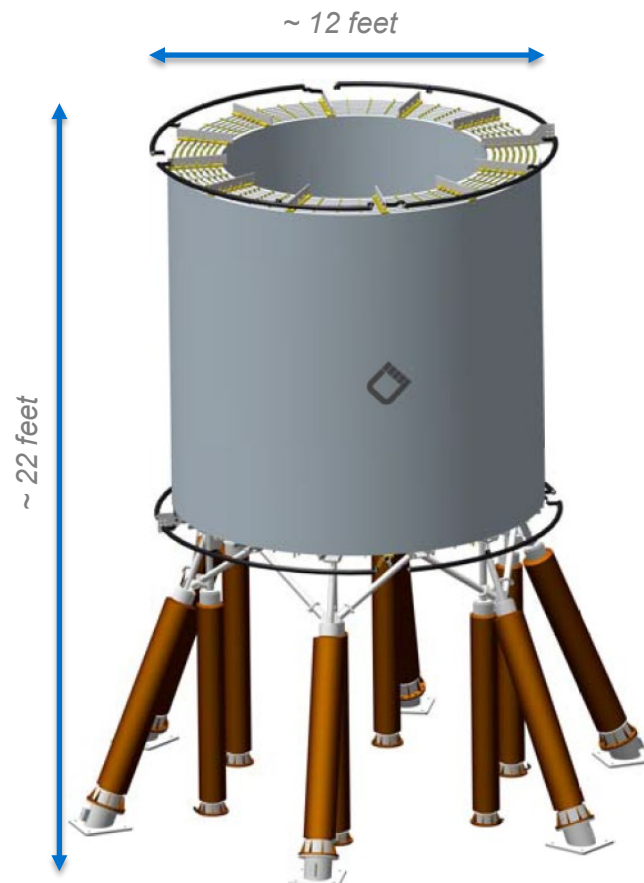


# Forces Driving Infrastructure Need



# Project Scope

- Expand Hollymeade Substation to accommodate electric transmission air core series reactors and related equipment
- New equipment will regulate current on electric transmission lines, preventing service issues on congested lines
- Purpose:
  - Extend life of existing equipment
  - Maintain reliable service

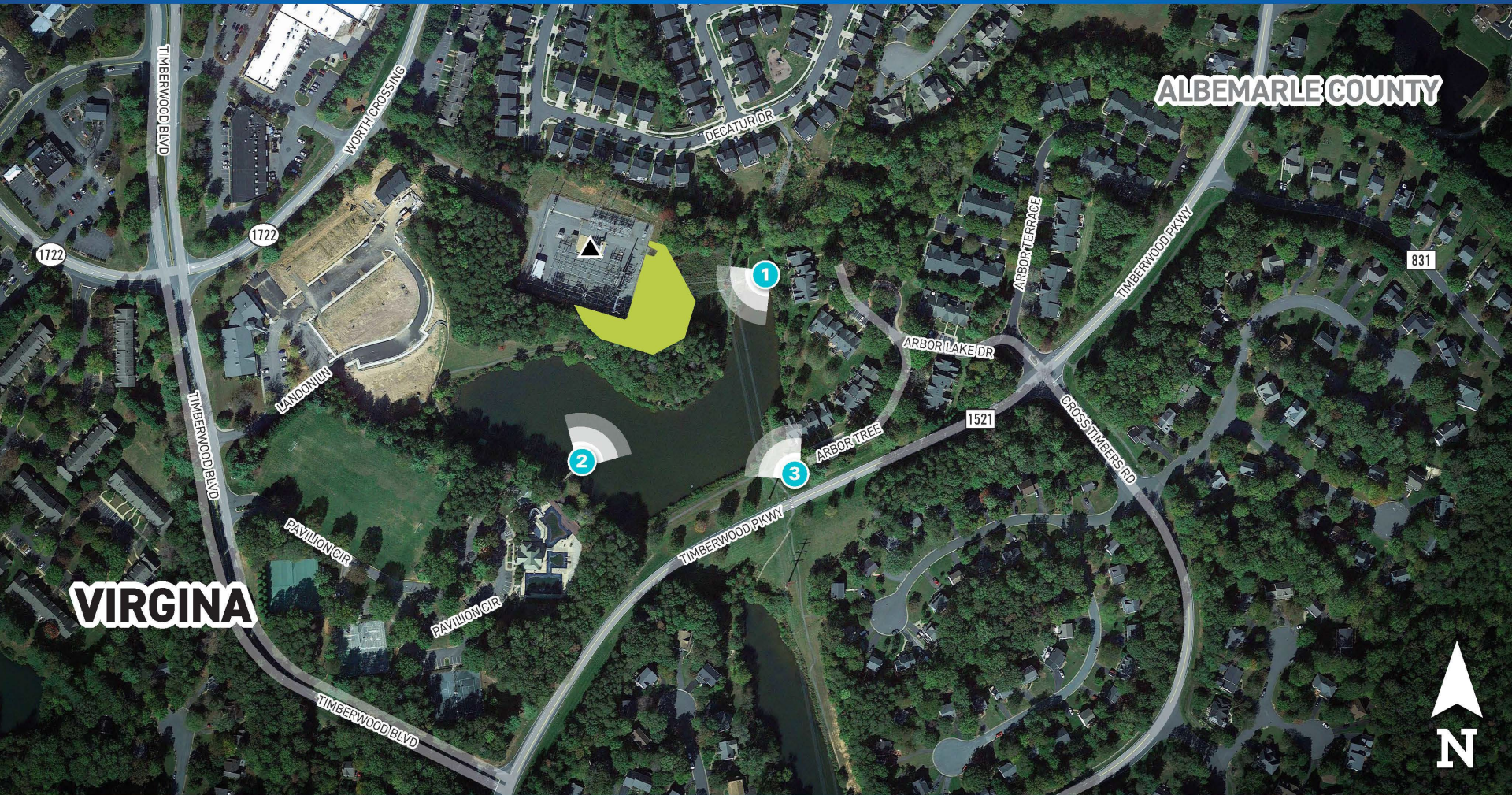




# HOLLYMEADE SUBSTATION

## Photo Location Map

1 Viewpoint Location    ▲ Existing Substation    Proposed Substation Expansion





# HOLLYMEADE SUBSTATION

## Simulation 1

Date: 09/13/2022 Time: 2:17 pm

Viewing Direction: Southwest

1 Viewpoint Location ▲ Existing Substation  
Proposed Substation Expansion



EXISTING CONDITIONS



PROPOSED CONDITIONS

Simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.



# HOLLYMEADE SUBSTATION

## Simulation 2

Date: 09/13/2022 Time: 2:38 pm

Viewing Direction: Northeast

2 Viewpoint Location ▲ Existing Substation  
Proposed Substation Expansion



Simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.



# HOLLYMEADE SUBSTATION

## Simulation 2

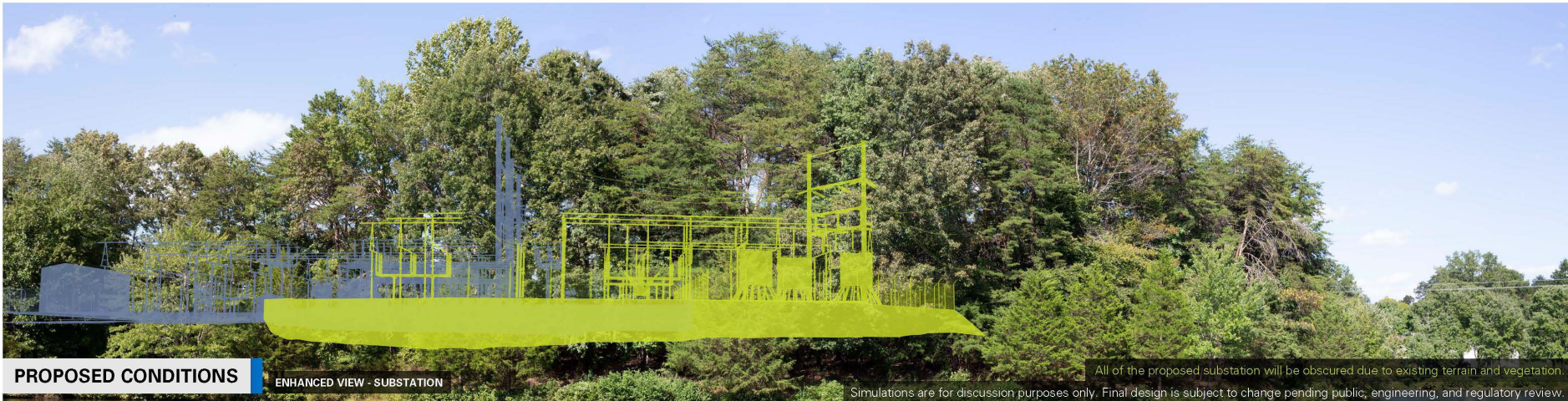
Date: 09/13/2022 Time: 2:38 pm

Viewing Direction: Northeast

② Viewpoint Location ▲ Existing Substation  
Proposed Substation Expansion



EXISTING CONDITIONS



PROPOSED CONDITIONS

ENHANCED VIEW - SUBSTATION

All of the proposed substation will be obscured due to existing terrain and vegetation.

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# HOLLYMEADE SUBSTATION

## Simulation 3

Date: 09/13/2022 Time: 2:24 pm

Viewing Direction: Northwest

3 Viewpoint Location ▲ Existing Substation  
Proposed Substation Expansion



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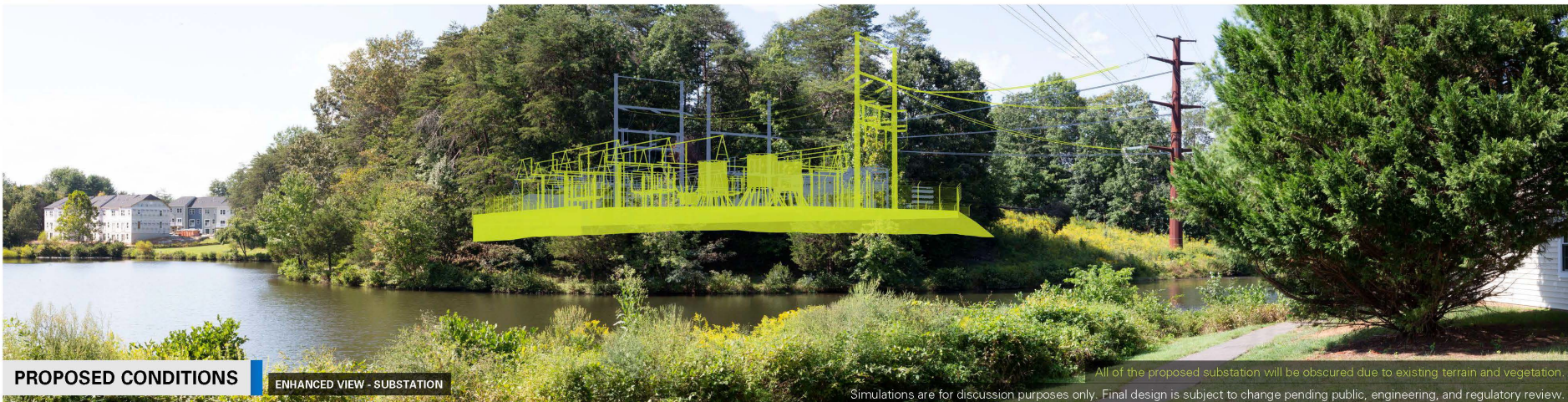
# HOLLYMEADE SUBSTATION

## Simulation 3

Date: 09/13/2022 Time: 2:24 pm

Viewing Direction: Northwest

3 Viewpoint Location ▲ Existing Substation  
Proposed Substation Expansion



All of the proposed substation will be obscured due to existing terrain and vegetation.  
Simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

# Minimizing Environmental Impacts





# Project Timeline

<b>Early 2022</b>	Solution approved by PJM
<b>Summer 2022</b>	Permitting process began
<b>Fall/Winter 2022</b>	Public permitting meetings
<b>Spring 2023</b>	Pending permits and approvals, construction begins
<b>Fall 2023</b> (anticipated)	Complete construction and restore impact work areas

# Thank You

- For more information, please visit: [DominionEnergy.com/hollymeade](https://DominionEnergy.com/hollymeade)
- You can submit all future questions via email [Powerline@dominionenergy.com](mailto:Powerline@dominionenergy.com) or by [calling 888-291-0190](tel:888-291-0190)

