

CSX

Utility Permitting

04.30.2024



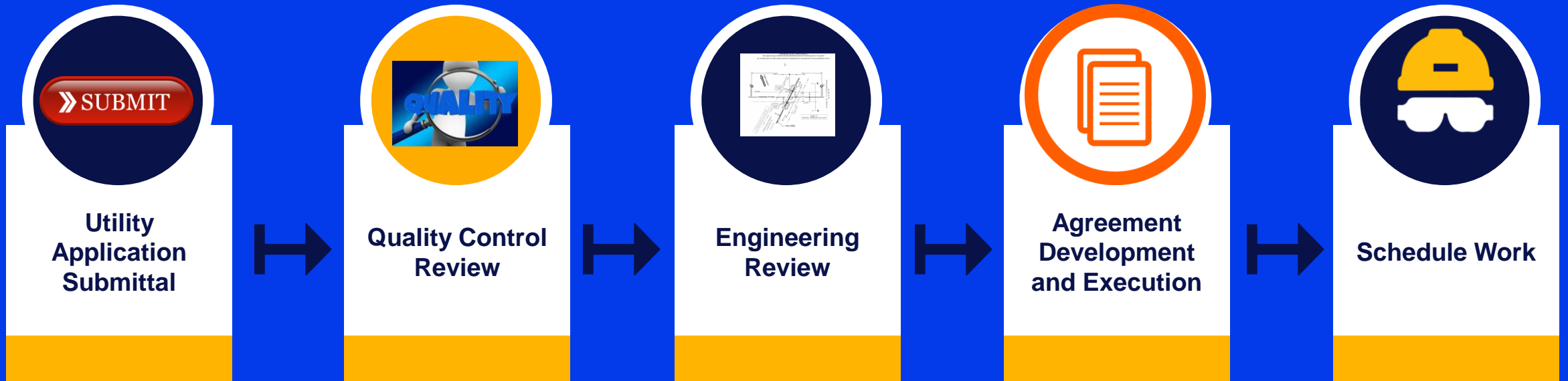


Utility Permitting

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1. Permitting process
 2. CSX.com resources
 3. Technologies (HVAC & HVDC)
 4. CHPE
 5. 3rd Party Utility Installations
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Permitting Process





Online Resources

[WWW.CSX.COM](http://www.csx.com)

Customers / Value-Added Services / CSX Real Estate / Permitting:
Utility, Wireless Infrastructure Installations and Rights of Entry /
Utility Permits

[CSX Property Portal Tutorial and Link](#)

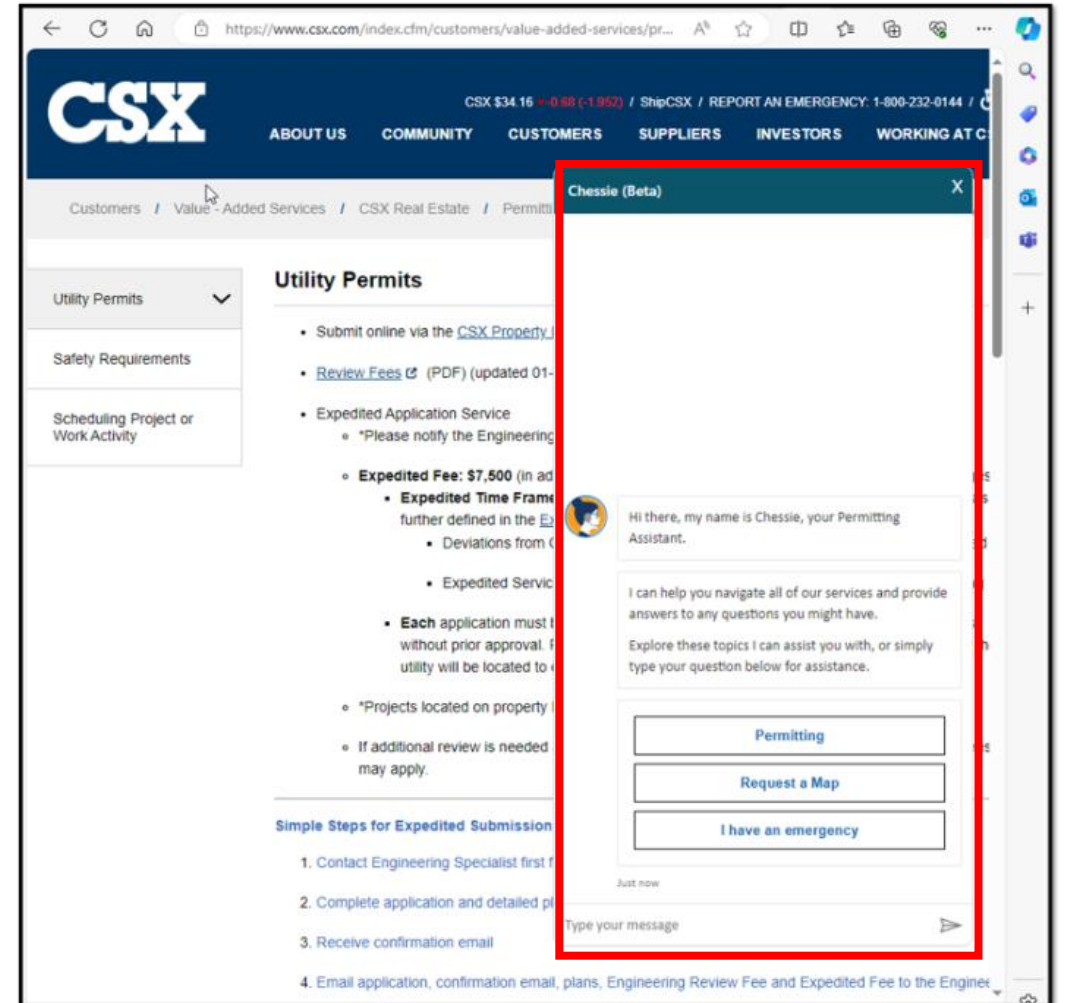
[Expedited Service Instructions](#)

[Chatbot Chessie \(NEW\)](#)

[Safety Requirements](#)

[Specifications for Design and Construction](#)

[Drawing Guidelines and Sample Drawings](#)





Technologies

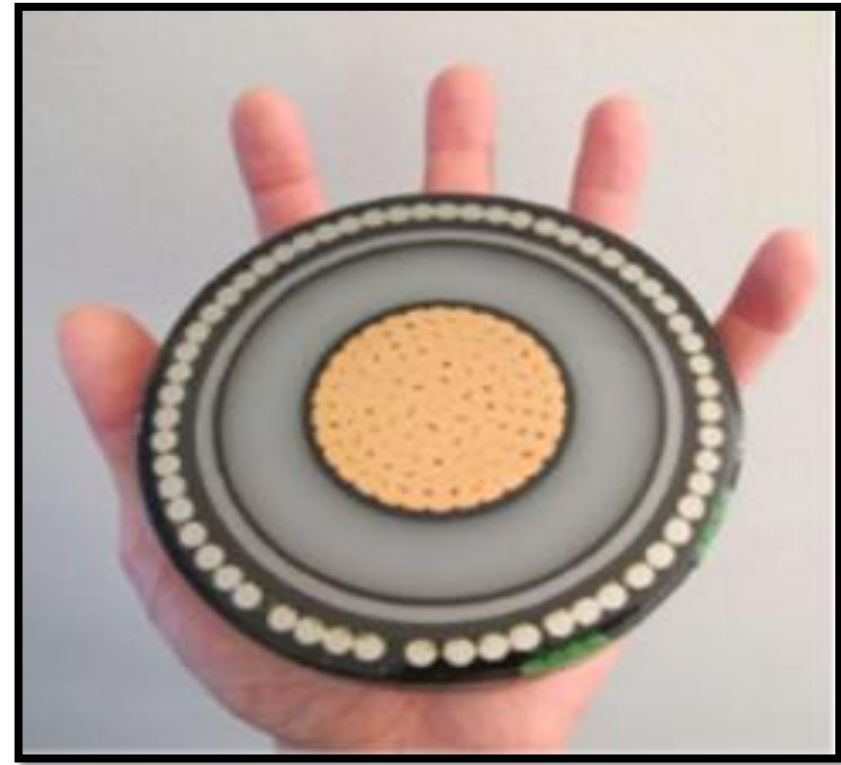
High Voltage Alternating Current (HVAC)

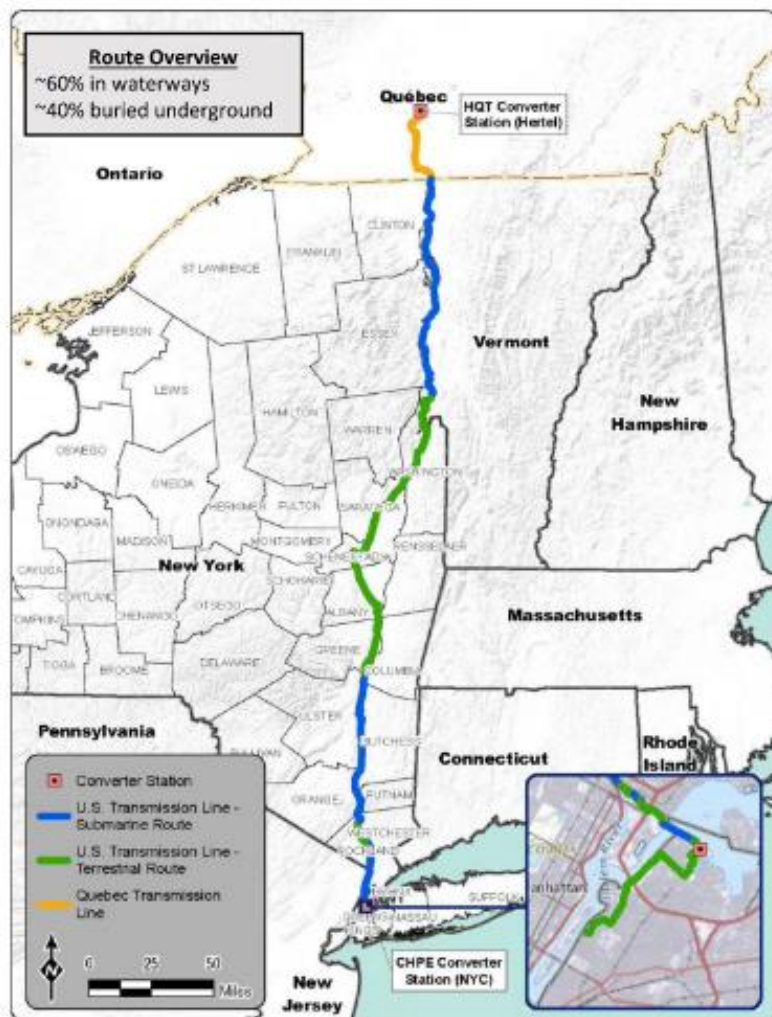




Technologies

High Voltage Direct Current (HVDC)





CHPE LLC is supported by world class suppliers, engineers, and energy infrastructure builders, and backed by Blackstone (NYSE: BX), one of the world's leading alternative asset managers.

Project Overview

- 1,250 MW fully buried HVDC transmission project
- Delivering 10.4 TWh/yr. of new clean energy (enough to power +1MM homes)
- Construction commenced Q4 2022

Business Model

- Merchant transmission project selected by NYSERDA through a competitive RFP process to transport Canadian renewable energy directly into NYC
- Host municipalities in New York will receive ~\$1.4 billion in new tax revenue over the first 25 years of the project, benefiting 73 municipalities and 59 school districts

Regulatory & Community Support

- All major permits received (Article VII, Presidential Permit, Army Corps Permit)
- Widespread support (environmental, union, business, host communities)
- Strong local support as evidenced by 36 municipalities passing resolutions of support for the project

Environmental & Economic Benefits, Energy Resiliency

- Estimated to decrease carbon emissions by ~37 MM metric tons over the first 15 years and reduce harmful local air pollutants by ~20%⁽¹⁾
- Significant economic benefits in New York – project will utilize organized labor and is estimated to create over 1,400 direct jobs during construction and an additional +3,000 secondary jobs⁽²⁾
- Buried infrastructure will make New York's aging energy grid safer, more resilient, and more reliable in climate change related events
- First conversion of fossil generating site to clean energy site in Astoria, Queens



3rd Party Utility Installations

Things to Consider:

Railroad
Operations

Design

Construction

Other



QUESTIONS?

CSX