

Champlain Hudson Power Express (CHPE) Fact Sheet

Developed in anticipation of New York State's transition from fossil fuel to clean energy, the fully buried CHPE transmission line is ready to power New Yorkers into the future. And just in time, too, as the state's Climate Leadership and Community Protection Act (CLCPA) requires that New York be powered by 70 percent renewable energy by 2030.

CHPE is a partnership between Hydro-Québec and Transmission Developers to power New York City with hydropower delivered over a fully buried transmission cable (339 miles in the US and 36 miles in Canada) to be constructed between the Québec grid and a substation in Astoria, Queens. The transmission line in New York is permitted and is expected to start construction in 2022. The project will be operational in 2025, delivering 1,250 MW of low-cost renewable power directly into the New York Metro area.

Substantial Job Creation and Major Economic Benefits for New York Businesses and Local Communities

CHPE is one of the largest infrastructure investments in New York State and will provide \$3.5 billion in economic benefits to New Yorkers.

- Direct construction spend will create over 1,400 jobs for Laborers, Operating Engineers, IBEW, among other specialties.
- The project will also generate approximately 3,200 secondary jobs during construction.
- CHPE will also generate more than \$400 million in family-sustaining wages and benefits.
- To support clean energy job training throughout the State, CHPE will establish a new \$40 million Green Economy Fund, working with existing training programs to create jobs training and access to clean energy jobs as well as retraining for fossil industry workers.
- 73 Localities and 59 school districts throughout New York will benefit from approximately \$1.4 billion in new tax revenue over the first 25 years of the project. The project, once buried, will pay substantial taxes but will not use roads, municipal services or schools.
- Because the cost of CHPE's delivered electricity is fixed over 25 years, it will help New Yorkers save money on energy bills by eliminating fossil fuel price volatility.

Helping Meet Climate Goals and Improve the Environment

The project will help New York State meet its aggressive, nation-leading climate goals of achieving 70 percent renewable energy by 2030. To do this, the state will require projects that can be built now, like CHPE. The project will:

- Quickly displace fossil fuel generation with a firm power supply that can power 1 million homes. Currently close to 90% of New York City's power is reliant on fossil-fuel based electricity.
- According to NYSEDA, CHPE will create over \$19 Billion in benefits.
- Help achieve New York State and New York City's greenhouse gas reduction targets by reducing carbon emissions by at least 37 million metric tons between 2025 and 2040, equivalent to removing half a million cars off the roads.
- Create the first in-City option to replace fossil fuel power plants located in NYC that emit harmful localized pollutants, resulting in cleaner air and reducing health impacts.
- Establish a \$117 million environmental trust to fund projects that improve water quality in the Hudson, Harlem and East Rivers and Lake Champlain

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