

Delivering for a
brighter tomorrow



PPL TransLink

*Proven Transmission Solutions
to deliver renewable, reliable
and economic power*

David Gladey



PPL's Perspective

Experience, Excellence & Involvement

- PPL TransLink is a subsidiary of PPL Corporation focused on developing innovative solutions that resolve or provide access to reliable, clean, and low-cost energy needs.
- Experienced in developing transmission projects with heavy capital construction. Improving system reliability to top 10 percent in the country
- One of the top-5 electric utilities for power quality & reliability by J.D. Power and Associates
- Ability to successfully develop and construct regional transmission projects that have resolved both reliability and market constraints (ex: Susquehanna- Roseland project pictured top right)



In July 2018, PPL Electric Utilities won seven straight and 26th overall J.D. Power Award for customer satisfaction

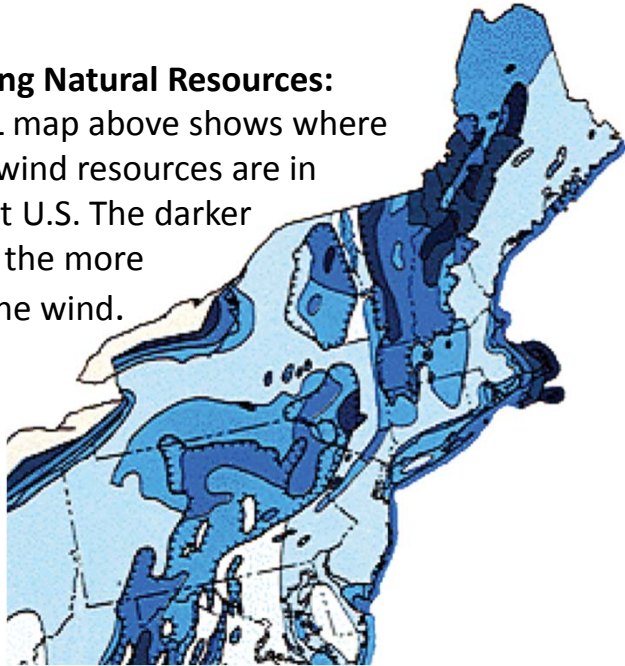


Transmission Solutions

Improving Longer Term Grid Performance

Connecting Natural Resources:

The NREL map above shows where the best wind resources are in Northeast U.S. The darker the blue, the more intense the wind.



1. Provide access to abundant renewable energy resources and stimulate further development of Class 4 wind areas
2. Enhance inter-grid flexibility and reliability to meet challenges of variable generation
3. Connect complementary electrical regions for greater regional stability and fuel diversity
4. Utilize existing transmission corridors to minimize local impacts of development and operation

The Best Projects Must:



A. Enable Clean Energy Development

- Support drive toward a cleaner system and less environmental impact by enabling more renewable and lower carbon generation
- Assist state in achieving goals of:
 - ✓ *CES, REV, RGGI*
 - ✓ *Delivering renewable resources to load centers*
- Provide access to substantial renewable resources beyond NY's borders
 - ✓ *Pennsylvania and Canada*



B. Provide Congestion Relief to Unlock Economic Efficiencies

- Reduce congestion costs for customers
- Create new development opportunities for renewables and emerging technologies
- Attract new business, jobs and revenues from ensuing grid and economic benefits



C. Enhance Grid Resiliency for the New Era

- Solutions must be mindful that New York's consumers' lives are increasingly electrified, making reliability ever more crucial
- Even short interruptions can now have major business, financial and health impacts
- External physical and cyber threats pose new challenges to maintaining and restoring reliable electric service

Benefits of Public Policy-Driven Transmission Projects



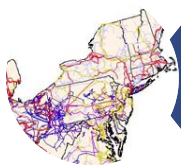
1. Enable & create greater renewable energy deployment



2. Lower energy prices to key New York regional zones



3. Provide New York with more fuel mix diversity



4. Enhance system resiliency and in some cases, inter-ISO operational flexibility



5. Drive economic development in key areas of Upstate New York



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