Offshore wind, transmission, and finding your motivation

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Atlantic Wind Connection
A “Superhighway” for Offshore Wind Energy

- 10 year plan to build 350 mile subsea HVDC transmission system off mid-Atlantic states in phases
- Enables up to 7,700 MW of offshore wind to be developed 12 or more miles off the coast
- Helps make offshore wind affordable
- Makes the regional transmission grid more robust
There are two ways to get offshore wind to shore

1. Each wind farm builds its own alternating current (AC) line
2. Or...
There are two ways to get offshore wind to shore:

1. Each wind farm builds its own alternating current (AC) line

2. Interstate backbone transmission line that serves a dozen or more wind farms

Local roads or an interstate highway network?
European Supergrid
“Local roads or an interstate highway network?”

- 10 year plan to build 350 mile subsea HVDC transmission system off mid-Atlantic states in phases
- Enables up to 7,700 MW of offshore wind to be developed 12 or more miles off the coast
- Helps make offshore wind affordable
- Is buildable because it can be permitted
- Makes the regional transmission grid more robust
Abraham Lincoln’s sentence: He preserved the union and freed the slaves.
She helped to site and permit the first offshore backbone system in the United States.
He taught two generations of people how to read.
She helped people overcome their fears and realize their dreams.
He put a smile on everyone’s face.
She wasn’t who you expected…
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