A photograph of offshore wind turbines against a blue sky with white clouds. The foreground shows a close-up of a turbine's nacelle and part of a blade. In the background, two more turbines are visible over the ocean.

AN ACT DRIVING CLEAN ENERGY AND OFFSHORE WIND

192nd General Court

Presented by Rep. Jeffrey Roy (10th Norfolk), House TUE Chair



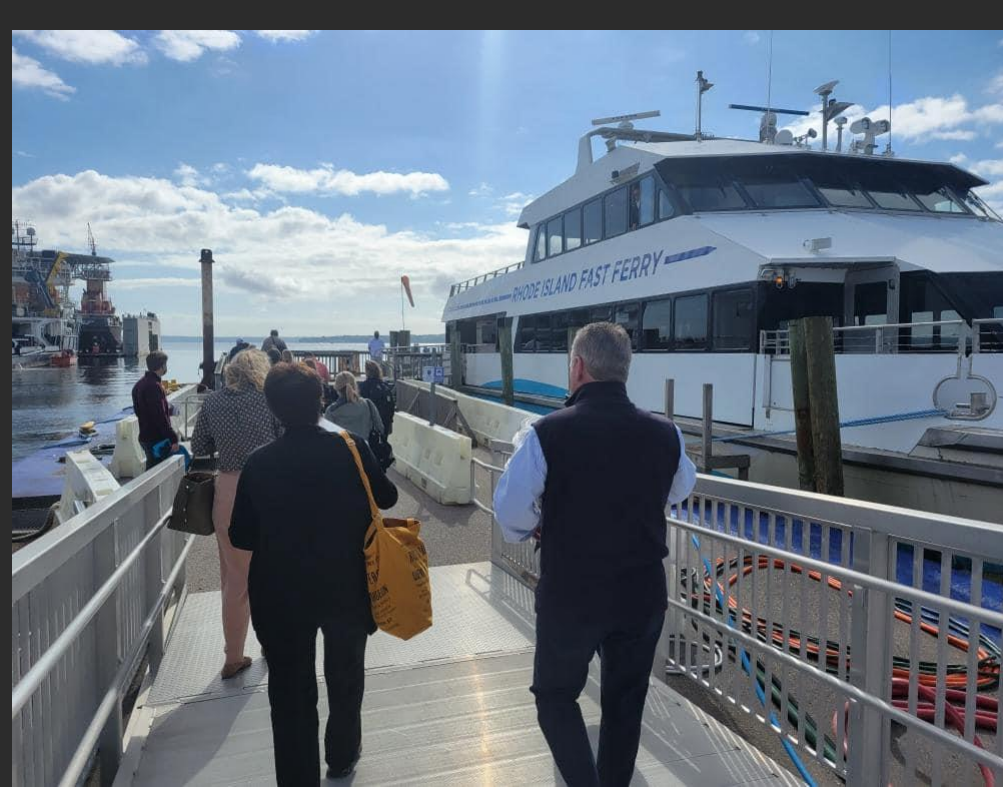
*An Act Creating a Next Generation Roadmap for
Massachusetts Climate Policy*

signed into law on March 26, 2021

The State of Offshore Wind in Massachusetts

REPORT AND RECOMMENDATIONS

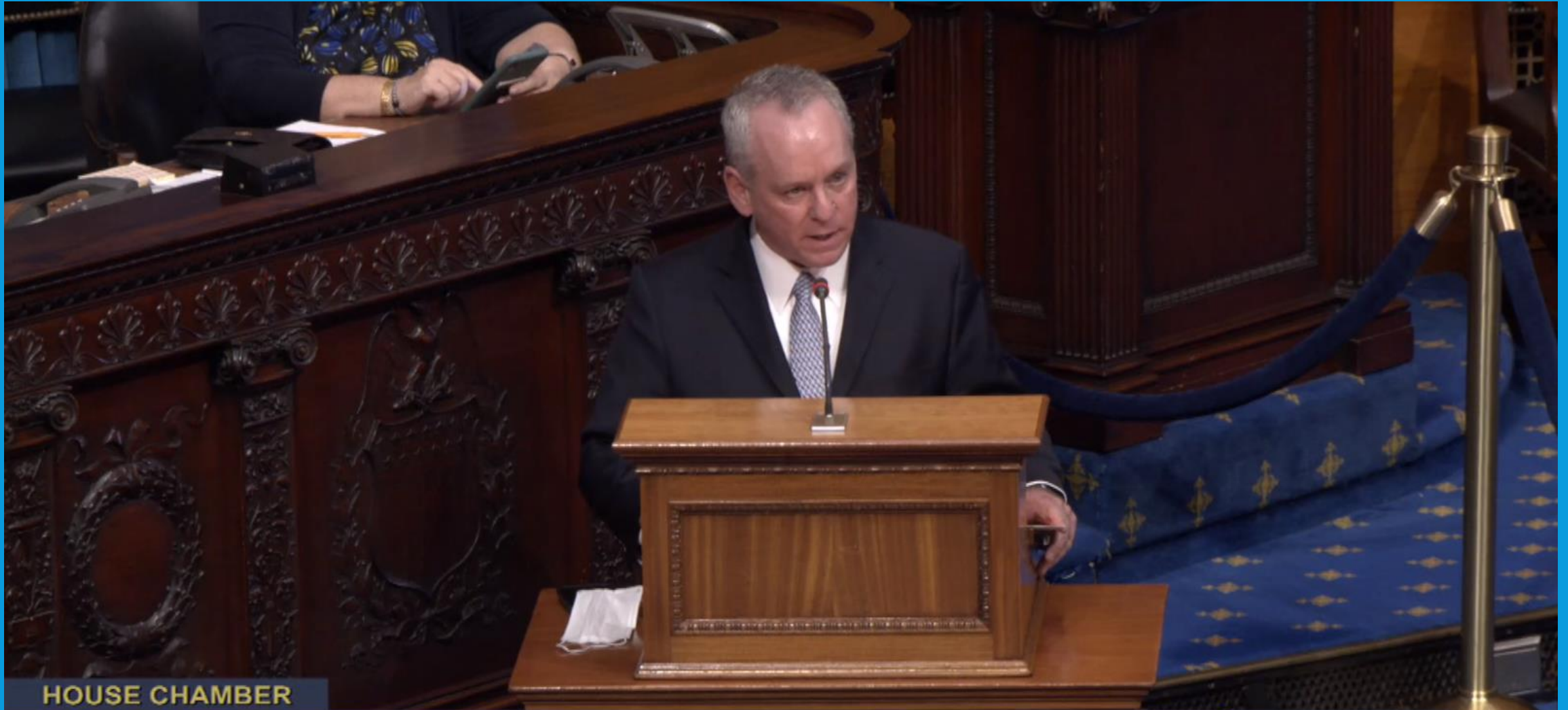
REPRESENTATIVE JEFFREY ROY – CHAIR, JOINT COMMITTEE ON
TELECOMMUNICATIONS, UTILITIES, AND ENERGY



WHY OFFSHORE WIND?

- Roadmap Bill:
 - MA to solicit 5600 MW by 2027
 - Also made a \$12 million annual commitment to offshore wind and other clean energy workforce development
- Biden administration announced national goal of 30 GW by 2030
- MA has largest technical offshore wind potential of any state in contiguous US





HOUSE CHAMBER

REP. JEFFREY N. ROY (D) FRANKLIN



HOUSE
BROADCAST
SERVICES

AN ACT DRIVING CLEAN ENERGY & OFFSHORE WIND

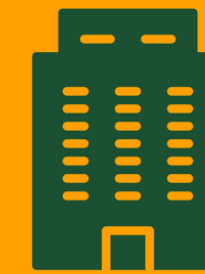
**ELECTRIC
VEHICLES**



**CLEAN
ENERGY**



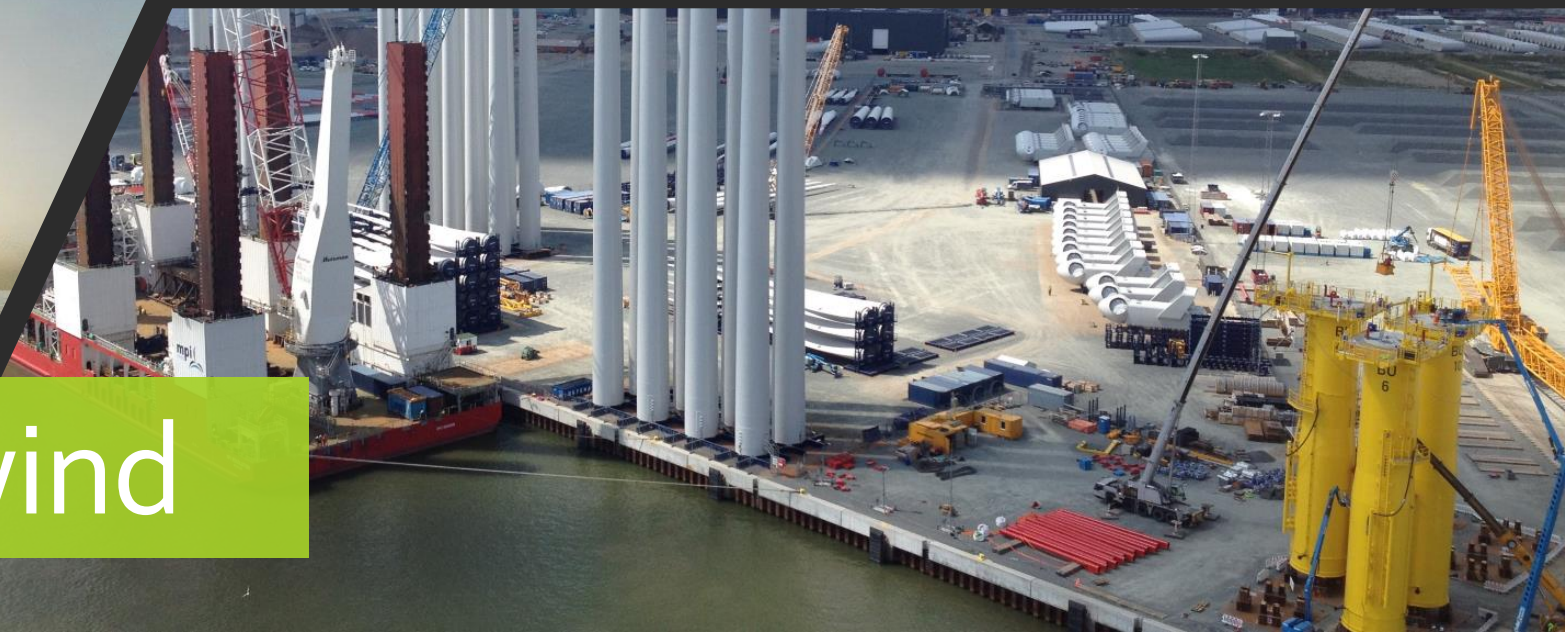
**GREEN
BUILDINGS**

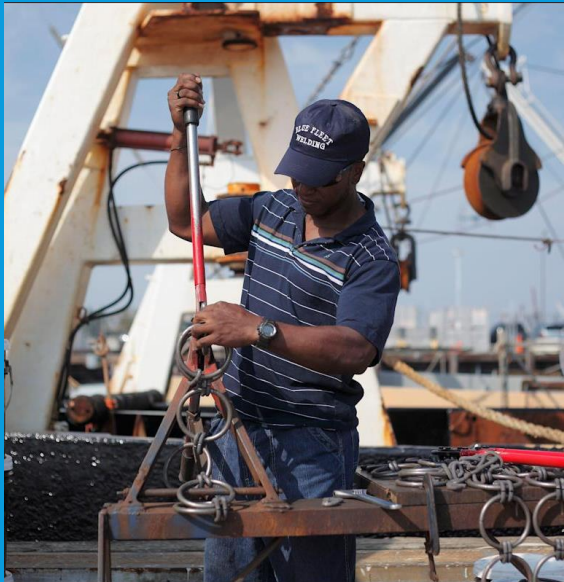


signed into law on August 11, 2022



offshore wind





selection process



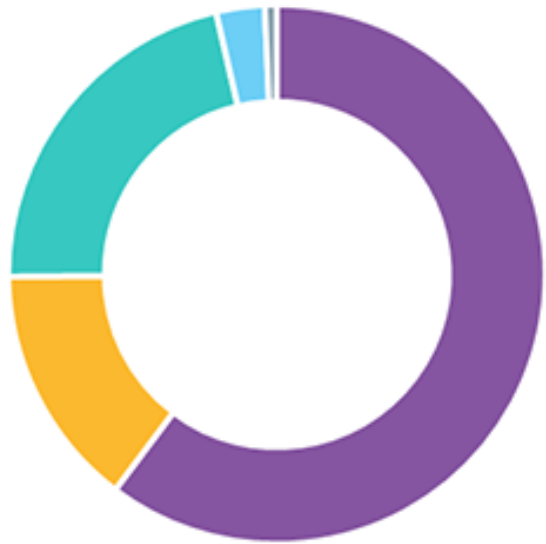
environment and fisheries

By State



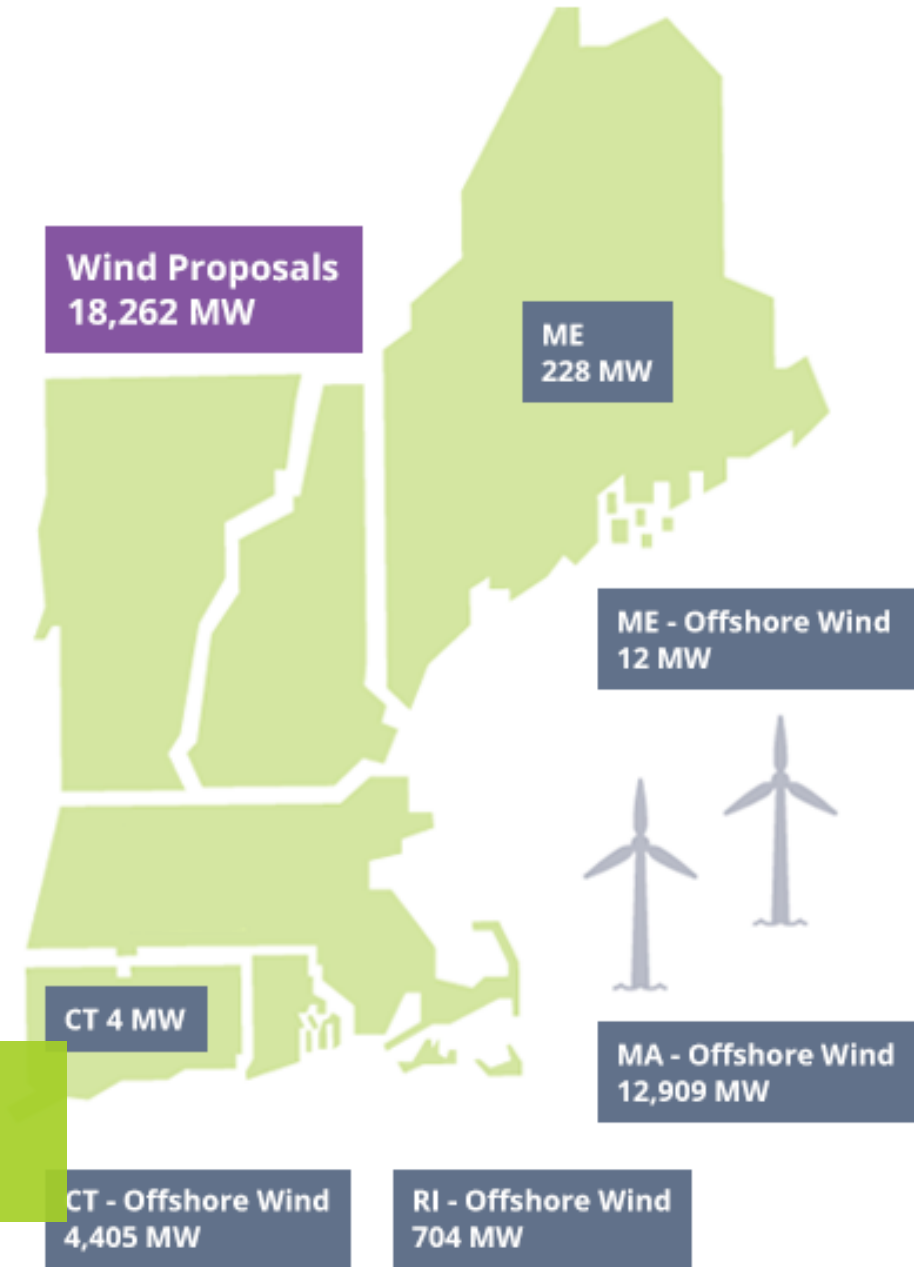
- 61% MA (18,154 MW)
- 23% CT (7,003 MW)
- 8% ME (2,320 MW)
- 5% RI (1,655 MW)
- 2% NH (699 MW)
- <1% VT (105 MW)

By Type



- 60% Wind (18,262 MW)
- 15% Solar (4,421 MW)
- 21% Battery Storage (6,510 MW)
- 3% Natural Gas (884 MW)
- 1% Other (130 MW Hydro, Fuel Cell, 37 MW Nuclear Uprate)

regional clean energy

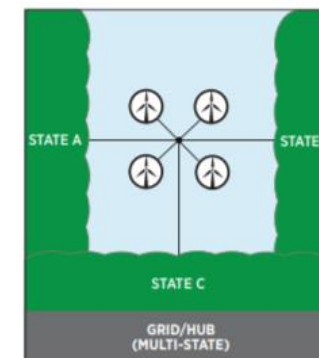
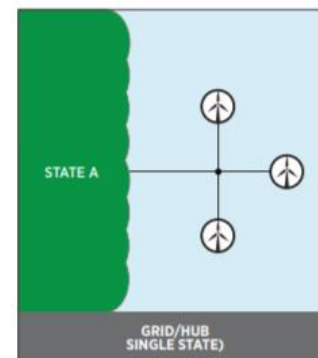
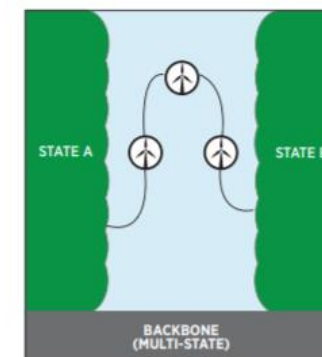
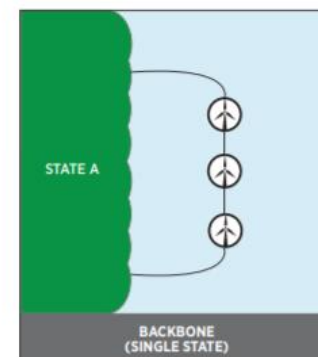
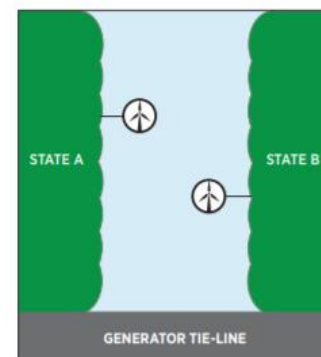
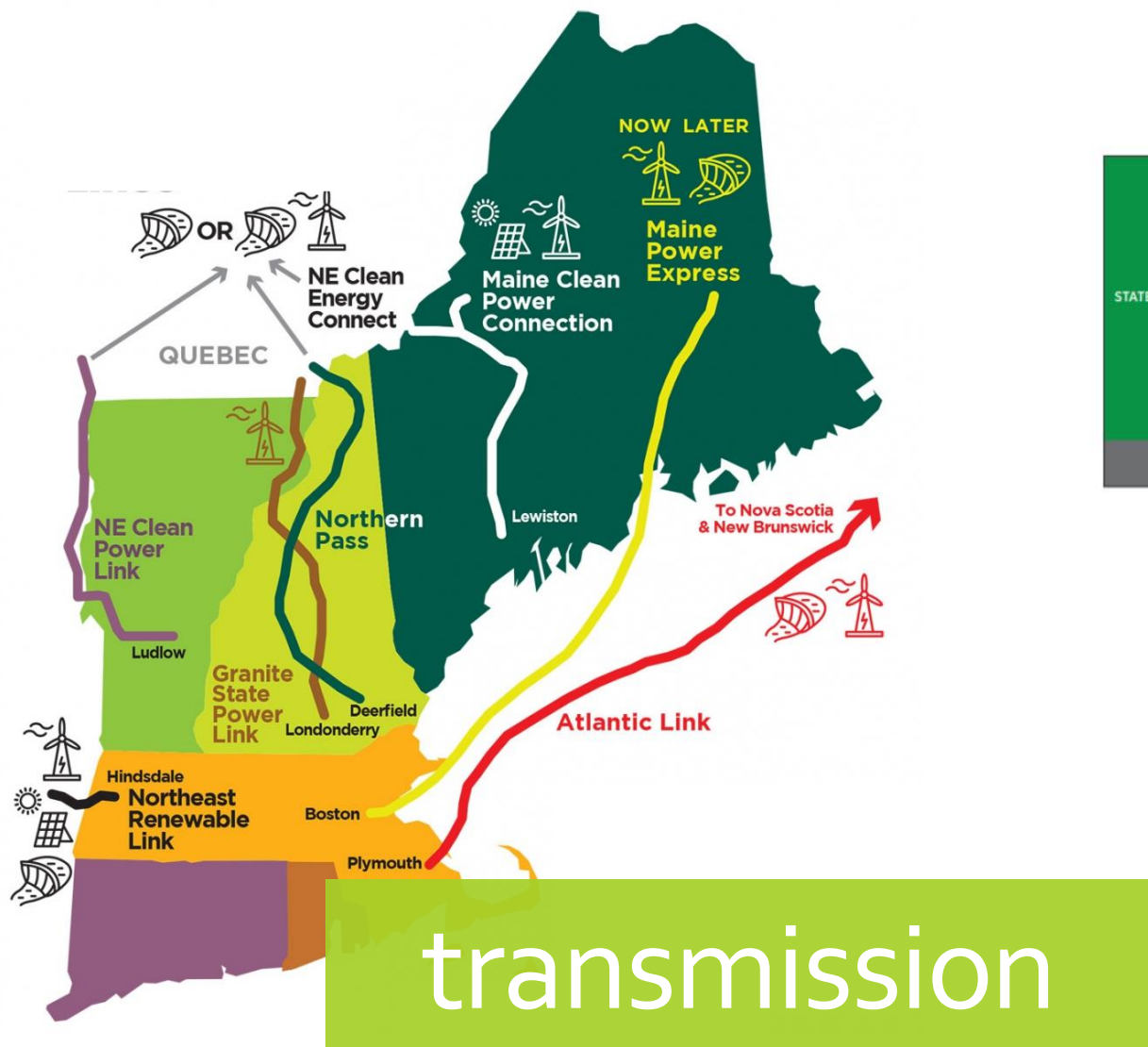




solar



biomass





grid modernization



storage

electric vehicles



incentives





charging



public transit



building decarbonization



future of gas



large buildings



MASSACHUSETTS
CLEAN ENERGY
CENTER®

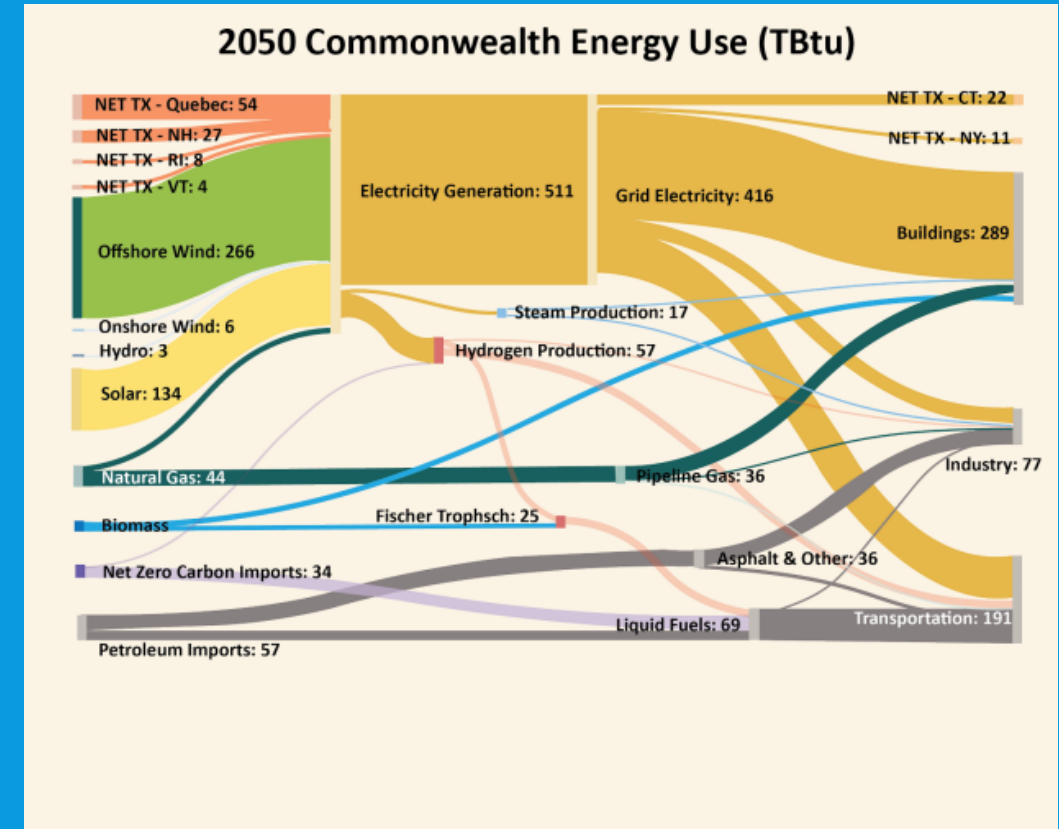
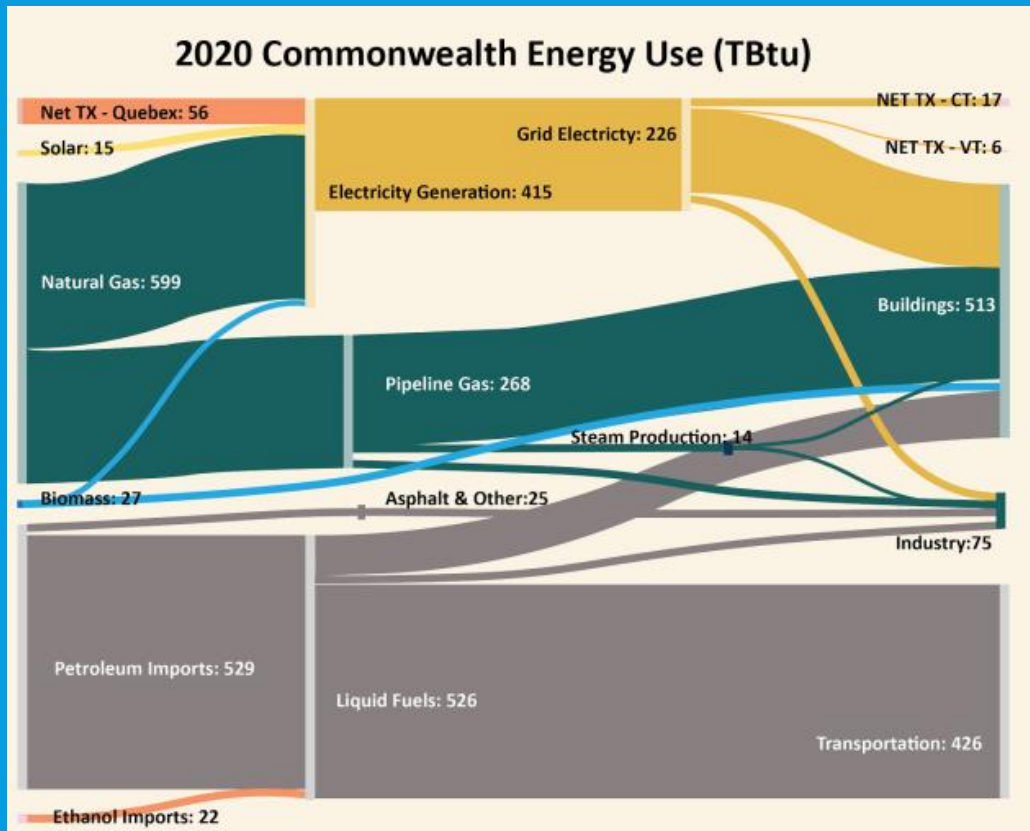


industry support

A photograph of three welders in a workshop. Two welders in the foreground are wearing large black protective helmets and are actively welding, with bright sparks flying from their work area. A third welder, wearing a green protective mask and a white lab coat, is observing the process. The background shows a light-colored tiled wall.

education

NEXT STEPS






green banking

recycling



A man wearing a bright yellow jacket, a yellow beanie, and blue jeans stands on a tram platform. He is holding a black bicycle and a black helmet. A black backpack is on his back. To his left, a red and grey tram is stopped at the platform. In the background, there are tram tracks, overhead wires, and digital display boards showing times like 14:35 and 14:52. The scene is set in an urban environment during the day.

mode shifting

A photograph of a protest. In the foreground, a person is seen from the back, holding a large, rectangular sign made of white paper or cardboard with a brown border. The sign has handwritten text in black marker. The text reads "ACTUALLY- i don't LOVE that dirty WATER" in a mix of uppercase and lowercase letters. Below the word "WATER", there is a brown wavy line drawn with a marker. The person holding the sign is wearing a black shirt and a grey wristwatch. In the background, there is a crowd of people, some of whom are also holding signs, and a multi-story building with many windows. The scene is outdoors and appears to be a public demonstration.

ACTUALLY-
i don't LOVE
that dirty
WATER

environmental justice



competitive supply

Home
retrofits

Just
transition

Future of
heat

Carbon sinks

More building
decarbonization

More grid
modernization

More solar
guidelines

More EV
support

More
innovation

... AND MUCH MORE

QUESTIONS

