

AEG Stakeholder Challenge: Mobility & Clean Transportation

Boston 23Q4
December 14, 2023



*Rep. Jeffrey Roy (10th Norfolk)
House TUE Chair*

MA Legislation (2016 – 2022)

- 5600 MW Offshore Wind
- Approx. 1200 MW Hydro
- 3200 MW Solar



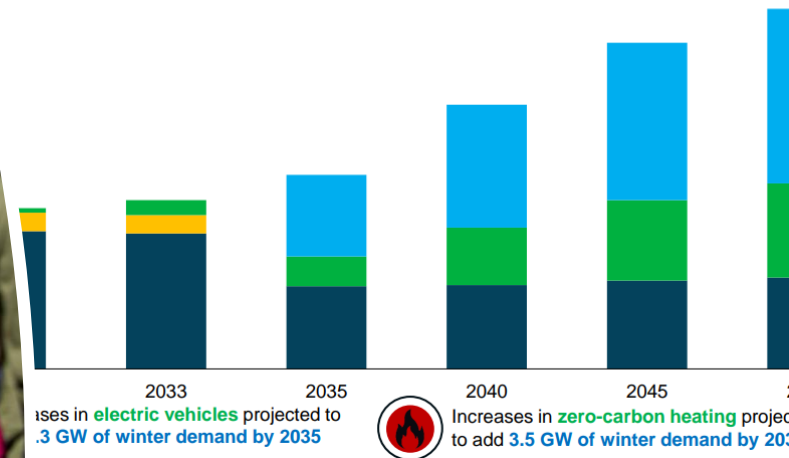
The Problem:

- Unprecedented Load Growth
- Outdated Permitting



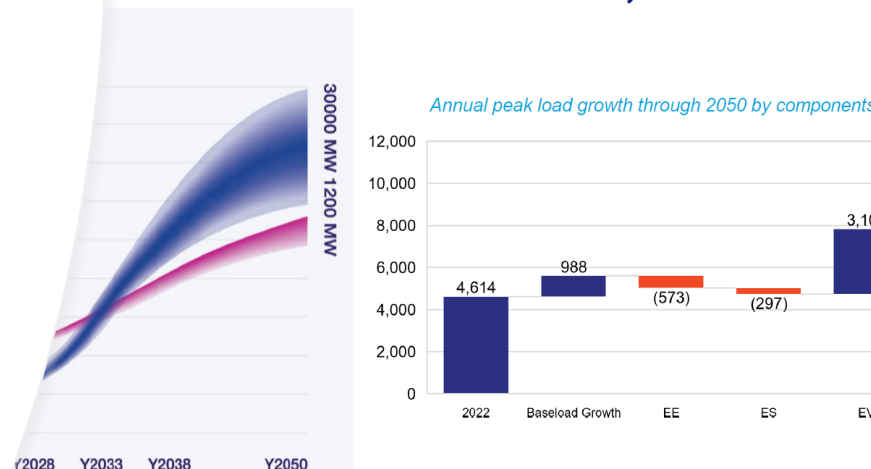
PEAK ELECTRIC DEMAND Increase 20% by 2033 & 150% by 2050

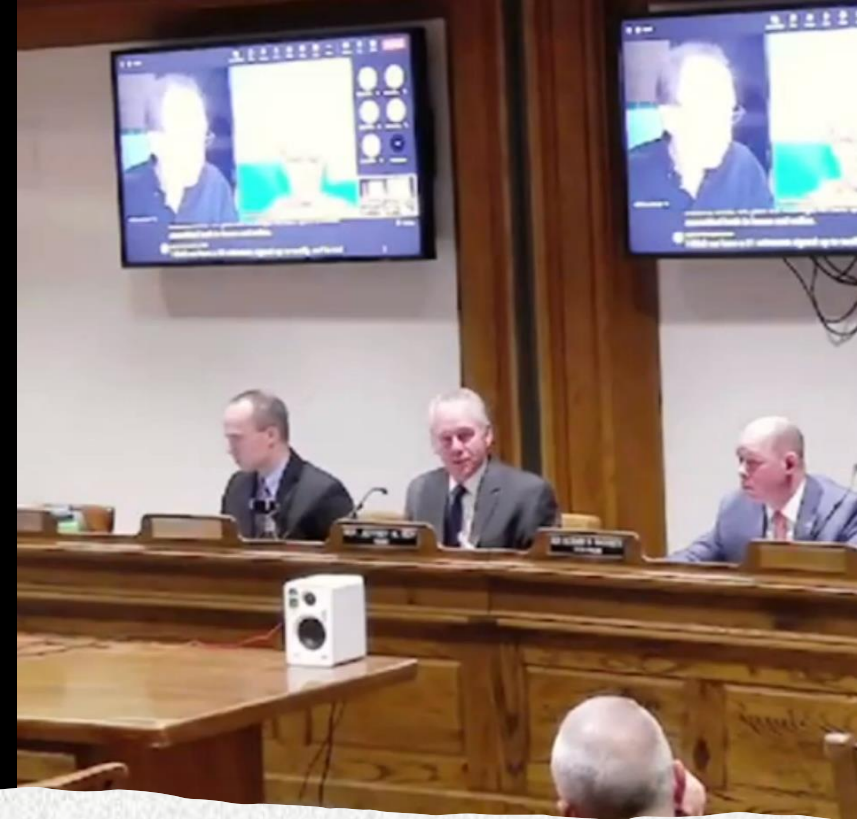
Electricity Consumers Large Electricity Consumers Transportation Heating



Smart Electrification:

Doubled Peak Demand, Seasonal Shift





Key Obstacles: Permitting Reform

- Starting a Conversation (H.3215)
- Legislative Calendar

Benefits

Achieving climate goals


Reliability & resilience

Interconnection: clean energy

Grid capacity: EVs & heat pumps

A just transition

Empowering innovation



To achieve climate, health and equity goals, a critical obstacle to overcome in 12 months is...

Passing comprehensive, equitable permitting reform legislation.

