

22Q4 CLEAN TRANSPORTATION TASK FORCE SUMMARY



December 15th | Holland & Knight
22Q4 Stakeholder Challenge
Clean Transportation

SELECTED OBSTACLE



Target planning and coordination for upgrades, focusing on capacity constrained regions and Environmental Justice Communities, in preparation for and supported by Federal funding.

- HEATHER TAKLE
PRESIDENT & CEO



22Q4
Clean
Transportation
Task Force



22Q4 CLEAN TRANSPORTATION

12 MONTH SOLUTION:

Identify target areas by considering overlap of A. Federal funding availability, B. Grid constraints C. Fleet customer propensity to electrify

M1: Overlay GIS map of A, B & C

M2: Survey/Convene customers

M3: Align on high-priority location to design approach that solves for climate, livability and justice (Boston Green New Deal)

- TABLE # 5

22Q4 TASK FORCE UPDATES

National Grid Capacity in Justice 40 Tracts

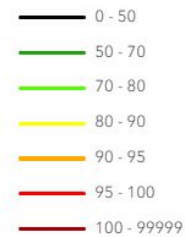
Identify overlap in:

- Environmental Justice Communities
- Grid Capacity
- Federal Funding
- Fleet customers

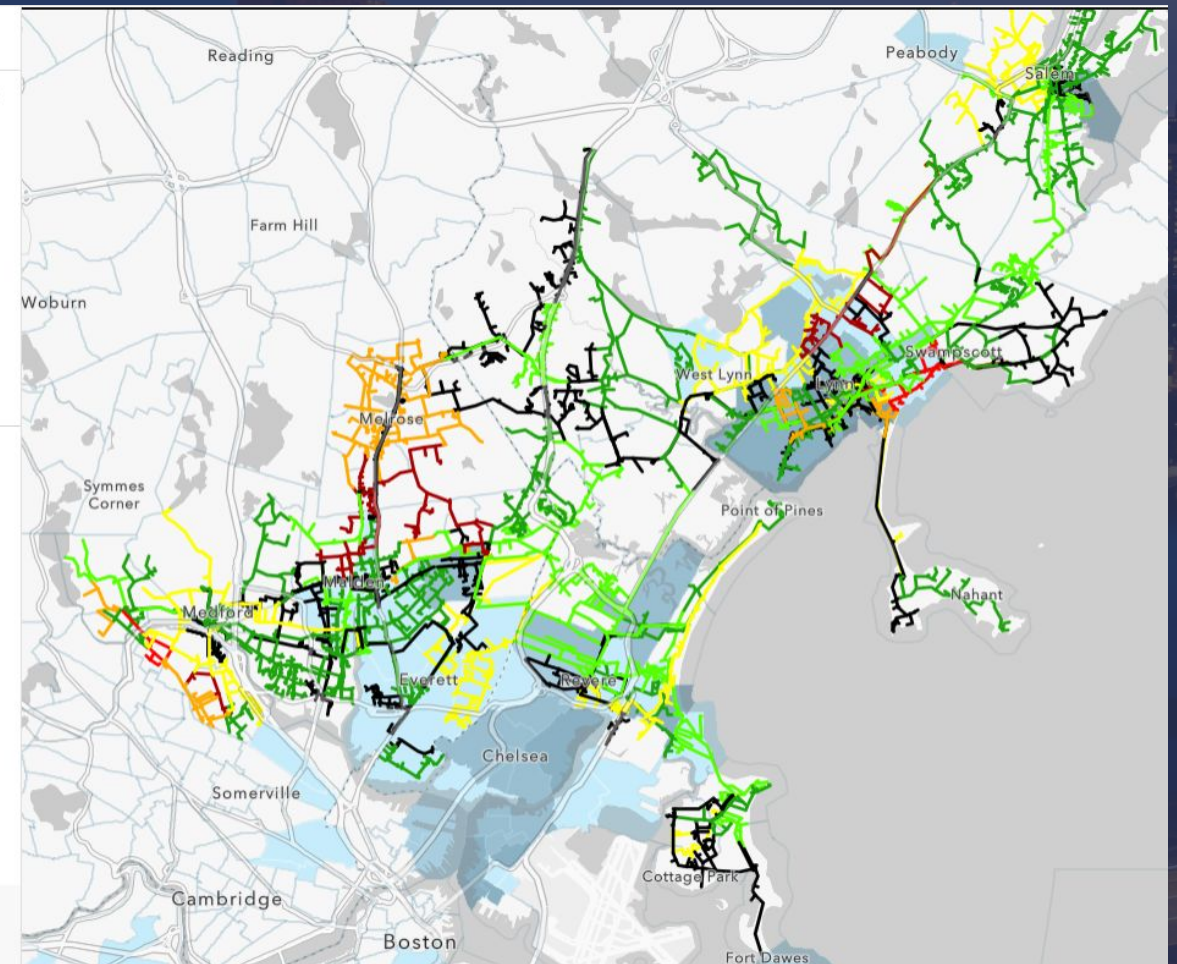
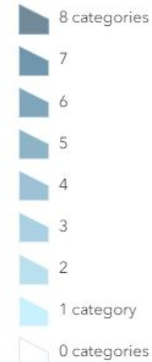


Legend

National Grid Based 2022 Loads - % Based 2022 Loads



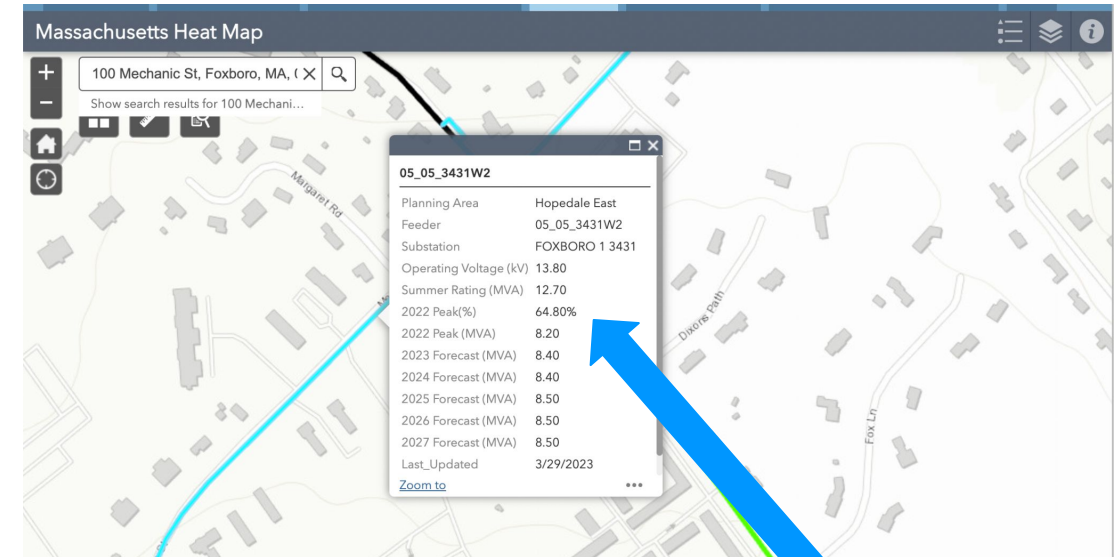
Justice40 Tracts November 2022



22Q4 TASK FORCE UPDATES



- **Business:** Joe's ICE Delivery
- **Address:** 100 Mechanic St, Foxborough, MA
- **Fleet:** 12 ICE delivery vans, for delivering ice
- **Daily VMT:** 100 miles
- **EV Replacement:** GM Brightdrop/Ford ETransit Van
 - 1.5 mi/kwh efficiency
 - requires 66 kwh to charge each day
 - 12 vehicles @ 66kwh/day = 990 additional daily kwh for overnight charging



2022 Peak Load: 64.8%



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23Q1 NORTHEAST TRANSMISSION TASK FORCE SUMMARY



March 30th | Holland & Knight
AEG Northeast Action Challenge
Transmission, Equity & Resilience

12 MONTH CRITICAL DERIVED OBSTACLE

Missing methodology to earn support of key stakeholders for transmission + stored energy infrastructure buildout per the critical nexus of decarbonization, resource adequacy, and electric transmission + stored energy.



Jacob Lucas



Janny Dong



Marianne Perben



Sara Mochrie



Sonny Anand



23Q1
Northeast
Transmission
Task Force



AEG Northeast Action Challenge
Transmission, Equity & Resilience
March 30th | Holland & Knight , Boston, MA

12 MONTH SOLUTION

Electrification Generation

M1: ID stakeholders

M2: Open communication channels to stakeholders/ stakeholder leaders proactively prior to starting the project

M3: Develop curriculum

M4: Pilot curriculum within community

- TABLE # 6