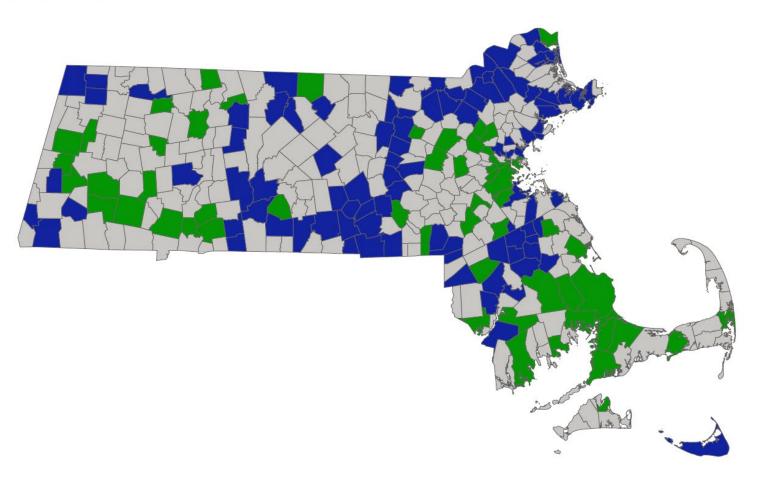


What We've Learned

Utility • Eversource • National Grid



Additional Partners:

- MA DOER Leading by Example
- Massachusetts Port Authority
- Massachusetts Department of Transportation
- Mass Lottery
- Massachusetts Water Resources Authority
- 8 Transit Agencies
- 17 Colleges & Universities
- 10 Additional Sheriff Departments, State & Federal Agencies

The Challenge: Getting from plan to operational charging stations

Navigating the EV Industry



Path A: If You Haven't Assessed Yet

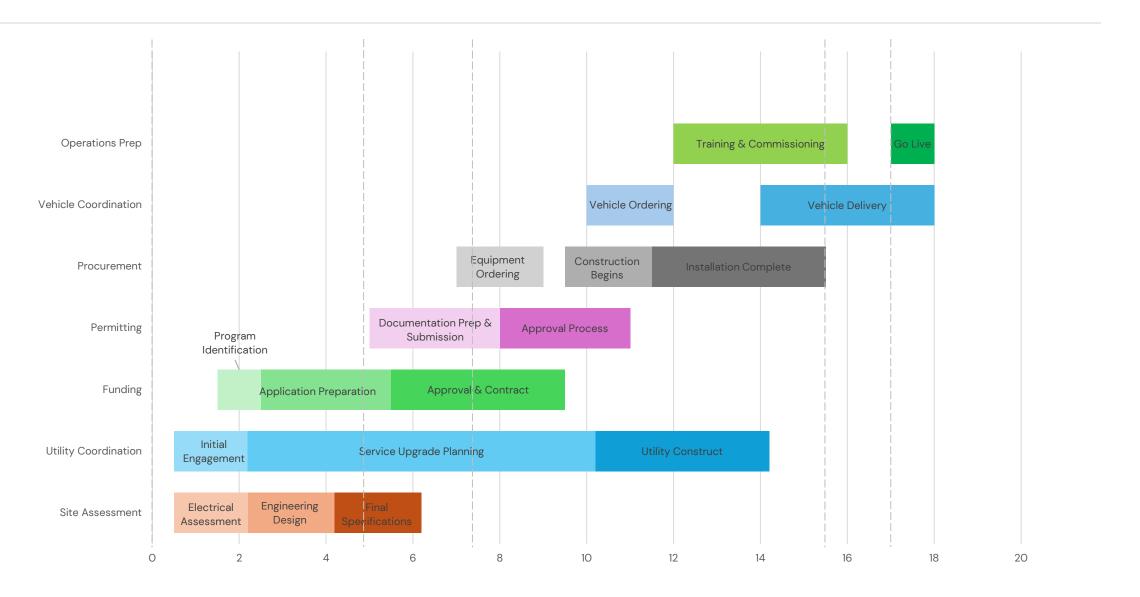
- 1. Fleet Advisory Assessment (no-cost if eligible)
- **2.** Understand your opportunity Which vehicles? What infrastructure?
- **3. Identify eligible policies** What programs apply to you?
- 4. Plan EVSE deployment Timeline, budget, execution

Path B: If You Have Assessed

- 1. You know your opportunity Which vehicles, how many chargers
- **2.** Identify applicable MA policies Match programs to your project
- **3. Time your EVSE deployment** Coordinate with funding cycles
- 4. Execute with support Implementation phase begins

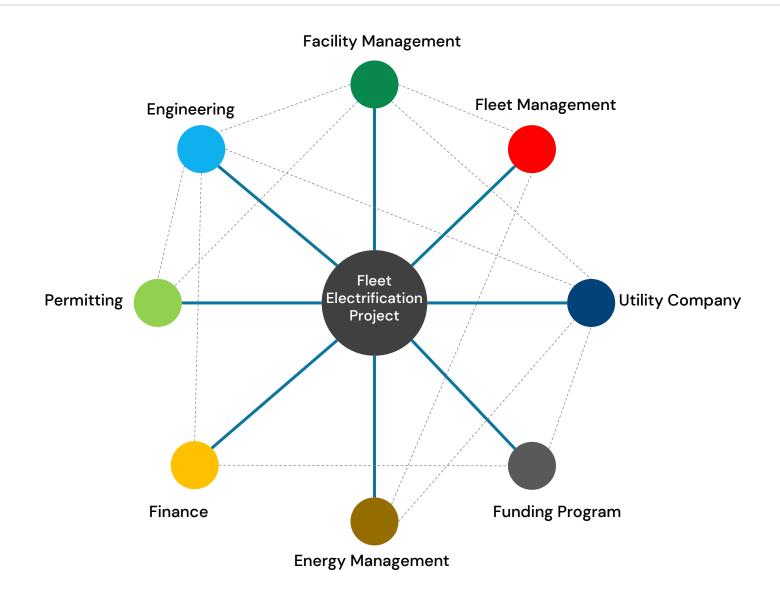


12-18 Month Journey





The Multi-Party Challenge





Site Assessment – Why it Matters

Every Site is Different – Plan Accordingly

- Can your existing electrical service handle the load?
- What upgrades are needed?
- What's the construction scope?
- How long will it take?

Key Insight: When installing 5+ EVSE units, additional infrastructure upgrades are typically required

Reality Check: USPS fleet deployment – all 29 sites had delays averaging 219 days



Real Project Economics

Real Customer Installation: 5 DCFC 100 kW Chargers

Туре	% of Total Project Cost	% of Customer Rebate	Description		
Eligible Customer Side Make Ready Costs	59%	11.4%	50-149 kW: Up to 100% (\$30,000/port cap)		
Eligible Utility Side Make-Ready Cost	2.2%	O.9%	Encased Duct Bank = \$6,000; Installed pad = \$3,500; Oil Containment = \$6,500; Guardrails = \$7,000		
Eligible EVSE Hardware	25%	15%	50-149 kW/port: Up to 100% (\$40,000/port cap) for any EJC.		
Ineligible Infrastructure Make-Ready Costs	4%	-	Future Proofing (trenching/conduit & cable, etc.)		
Ineligible EVSE Costs	9%	-	Warranty/maintenance plan, Networking, Activation		
Total Costs	100%	28% of total rebate			
Customer Investment	72.5%		Net costs paid after rebate		



Michigan State University

- 52,000+ Students, 12,000+ faculty/staff
- 560+ buildings, 25M GSF

University Fleet

- 1,000 vehicles & 250 trailers
- FY25 1,845,419 miles driven, 140,655 by EV
- 48 electric vehicles
- 50 Level 2 non-public chargers
- 14 Level 2 public chargers
- 2 DCFC public chargers



Total Infrastructure Cost

50 Level 2 Chargers at (3) separate building sites

Total 3-Year Charger and Software Cost \$95,785

Total Construction Cost \$438,579

Subtotal \$534,364

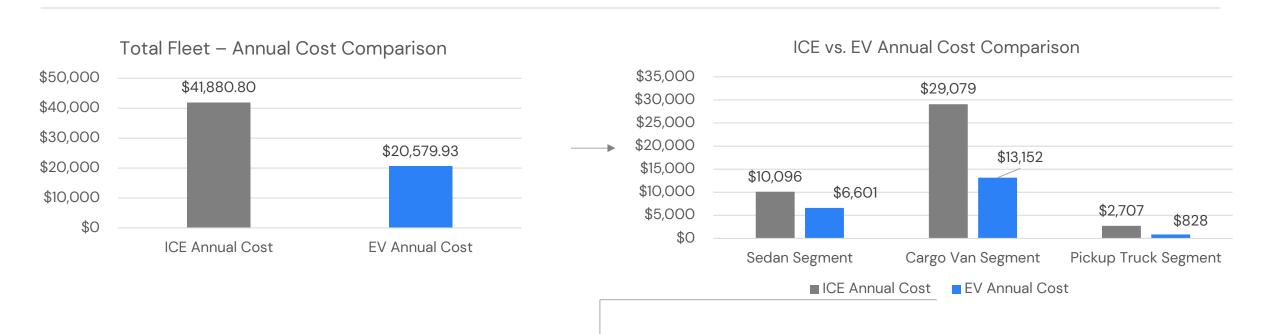
Average Capital Cost Per Charger \$10,687

Rebates and Incentives (\$389,240)

Subtotal \$145,124



Real Project Economics



	Maintenance	e & Repairs	Fuel Cost	Electric Cost
	ICE Avg/Year	EV Avg/Year	ICE	EV
Sedan Segment	\$5,334	\$4,147.75	\$4,761.67	\$2,453
Cargo Van Segment	\$16,837.55	\$10,880.52	\$12,241.09	\$2,271
Pickup Truck Segment	\$1,108	\$512.66	\$1,598.50	\$315
Subtotal	\$23,279.55	\$15,540.93	\$18,061.26	\$5,039



Phased Deployment Reduces Risk

Pilot

- √ 1-2 Sites
- Test operations
- ✓ Train staff
- ✓ Learn what works
- ✓ Identify challenges early

Expand

- Scale with confidence
- ✓ Apply learnings
- ✓ Refine processes
- ✓ Optimize energy management
- ✓ Build internal expertise

Deploy

- ✓ Full Fleet Rollout
- ✓ Proven approach
- ✓ Streamlined execution
- ✓ Operational excellence
- ✓ Continuous operation

Lessons Learned

- Seek partnerships with local utility companies and build a strategic 'alternative fuel' roadmap
- Pilot, pilot, pilot
- Leverage existing fleet utilization data to inform charging infrastructure strategy
- Build your pilot metrics to track progress and help to frame future decisions.





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