



Electric Vehicle Preparedness: EV Task Force

April 1, 2025

Presentation Overview



- Introduction
- DVRPC Traffic Incident Management Task Forces
- Electric Vehicle Task Force
- Q&A

Delaware Valley Regional Planning Commission



- Federally designated Metropolitan Planning Organization for the Greater Philadelphia region
- Advisory agency for member governments
- Transportation Planning Division
 - Transportation Systems Management and Operations (TSMO)
 - Task Force development

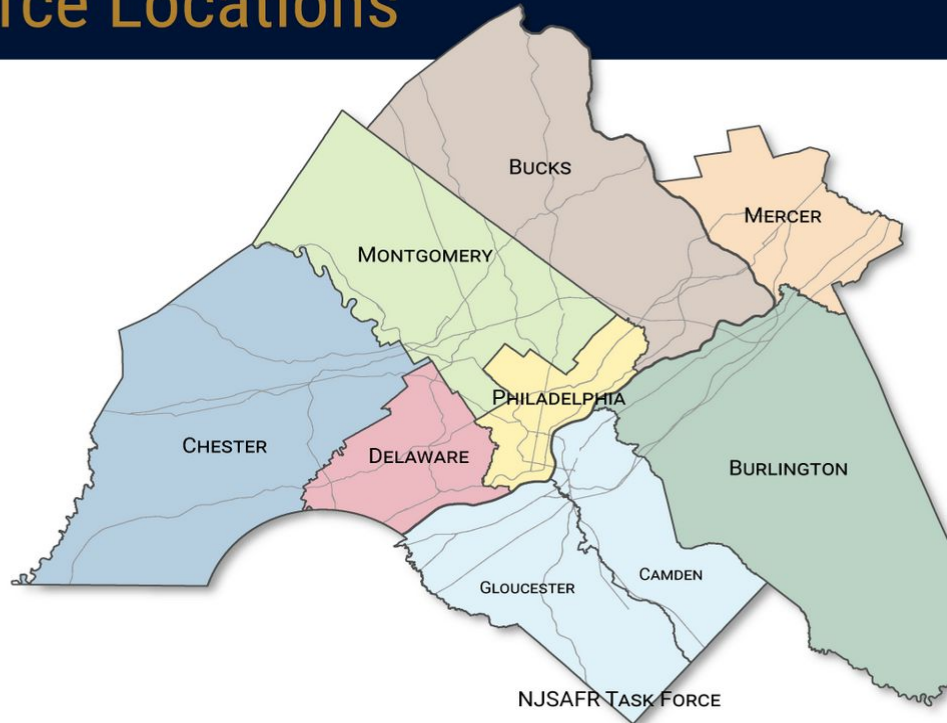


Traffic Incident Management Task Forces

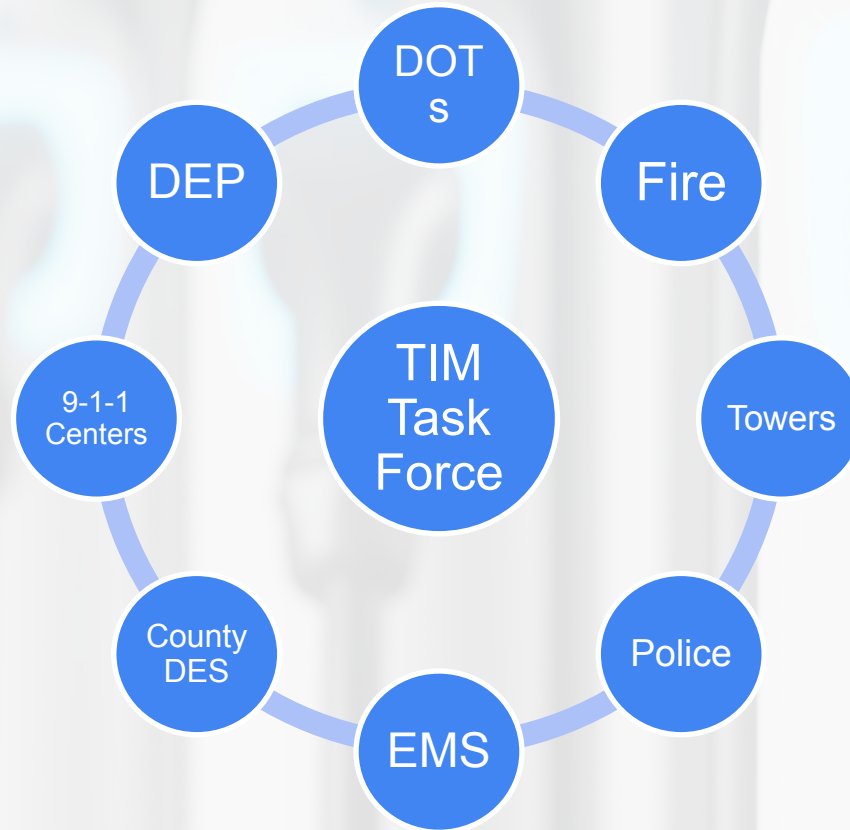


TIM Task Force Locations

- Montgomery County, est. 1999
- NJ SAFR, est. 2002
- Philadelphia, est. 2007
- Delaware County, est. 2008
- Chester County, est. 2009
- Burlington County, est. 2012
- Bucks County, est. 2012
- Mercer County, est. 2015



Traffic Incident Management Task Forces





Traffic Incident Management Task Forces

Topics include:

- After Action Reviews
- Construction updates
- Regional and local events
- Weather events
- Communication procedures/gaps
- Electric vehicles

TRAFFIC INCIDENT MANAGEMENTJANUARY 2025

2024 IN REVIEW



THANK YOU!

Thanks to all the responders and partners who helped make 2024 a success, especially to the co-chairs for their time and efforts. Between the regional TIM and EV Task Force, there were over a dozen of meetings held in 2024, with well over 400 total attendees.

DIGITAL ALERTING

After a lot of talking, DVRPC's Digital Alerting Program officially hit the streets on October 25th. To date, 373 Haas devices have been installed across 72 agencies throughout the region. When it's all said and done, the final count will be over 500 devices and over 100 agencies.

DVRPC thanks all the agencies and individuals who helped get this program off the ground and worked with us to smooth out the early wrinkles (to put it diplomatically). Please [click here](#) if you have interest in participating in this program.

TASK FORCES & WEBINARS

In early 2024, the EV Task Force rolled out the Electric Vehicle Emergency Operating Best Practices. The Task Force also met with the Department of Homeland Security on battery safety issues, was represented at the Eastern Transportation Coalition's EV Workshop and had the opportunity to present at NJ's Transaction Conference, the Lehigh Valley Law Enforcement Safety Seminar, and Federal Highway's Talking TIM Webinar. The group will soon regain its momentum to help prepare for fleet electrification.

WANT MVIEW ACCESS?

NJDOT and Burlington County first responders now have access to MView, an online CCTV video resource that includes PennDOT. If you're interested in this resource, please [click here](#).

LOOKING INTO 2025

As 2025 is upon us, we want to hear from you. What can the task forces and DVRPC do to assist your agencies with Traffic Incident Management? To provide feedback please [click here](#) or reach out to us directly.



NEXT VIRTUAL REGIONAL TIM MEETING: FEBRUARY 14, 2024 10:00 AM



Why Electric Vehicles?

EVs are gaining interest from the first responder community–

- Air quality concerns
- Weight of EVs compared to traditional fuel vehicles
- Treating thermal runaway fires

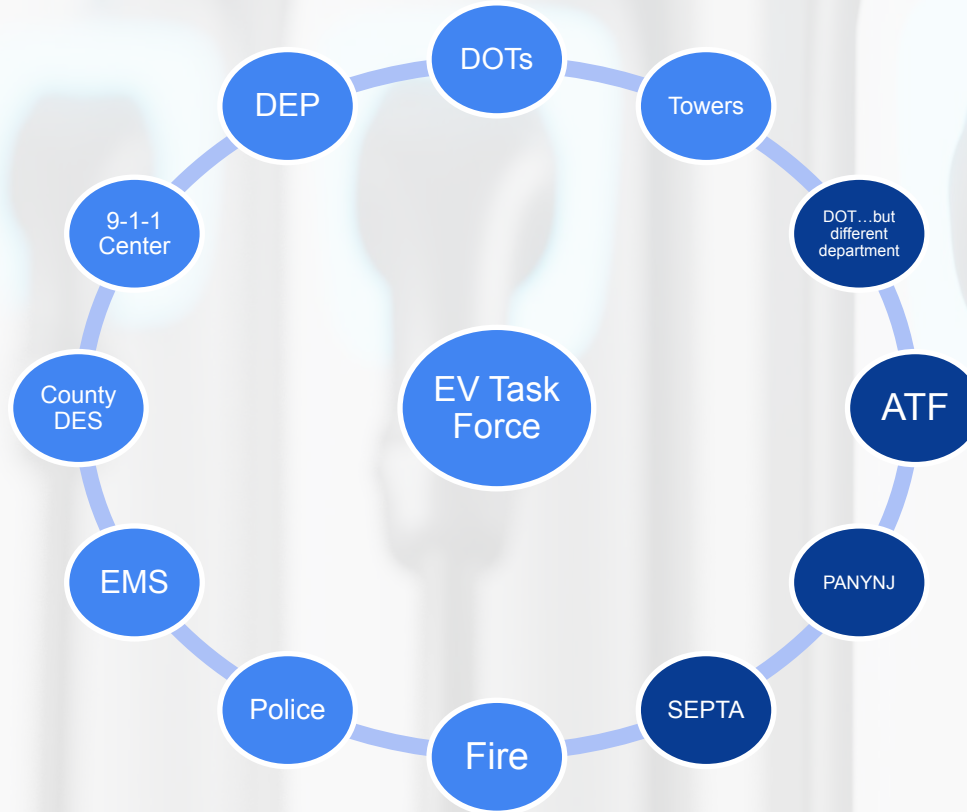


Electric Vehicle Task Force



DVRPC's EV Task Force is a coalition of first responders and other related parties dedicated to improving outcomes of EV-related incidents on roadways in the Delaware Valley region

Electric Vehicle Task Force



EV Task Force Webpage



ELECTRIC VEHICLE TASK FORCE



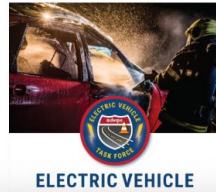
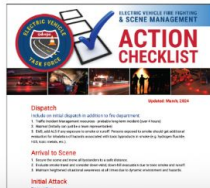
Home / Electric Vehicle Task Force Resources Page

Electric Vehicle Task Force Resources Page

DVRPC's EV Task Force is a coalition of first responders and other related parties dedicated to improving outcomes of EV-related incidents on roadways in the Delaware Valley region.

This page is a platform for information-sharing and resource management. Use this page to keep up-to-date with Task Force outcomes and progress, upcoming local training programs, and other first responder EV resources. **If you are an EV Task Force member trying to log in, click [here](#).**

View the EV Action Checklist and the EV Best Practices documents:



Documents and Forms

 Electric Vehicle Emergency Operating Best Practices.pdf (4.6 MB) (pdf)

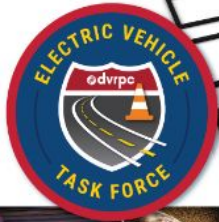
 EV Action Checklist.pdf (1.55 MB) (pdf)

 NJTIM Training Info Sheet (219 KB) (pdf)

 EV Task Force Action Plan (71.5 KB) (pdf)

 Li-Ion Battery Incident Tracking Forms

 Safety Handouts



ELECTRIC VEHICLE FIRE FIGHTING & SCENE MANAGEMENT

ACTION CHECKLIST



Updated: August, 2023

Dispatch

Include on initial dispatch in addition to fire department:

1. Traffic Incident Management resources - probable long-term incident (over 4 hours)
2. Hazmat (Initially can just be a team representative)
3. EMS, add ALS if any exposure to smoke or runoff. Persons exposed to smoke should get additional evaluation for inhalation of hazards associated with toxic byproducts in smoke (e.g. hydrogen fluoride, H2S, toxic metals, etc.).

Arrival to Scene

1. Secure the scene and move all bystanders to a safe distance.
2. Evaluate smoke travel and consider down-wind, down-hill evacuation due to toxic smoke and runoff.
3. Maintain heightened situational awareness at all times due to dynamic environment and hazards.

Initial Attack

Remember:

- Traffic Incident Management for these incidents could be prolonged with a working period in excess of 4 hours based on current reports.
- Fire departments should brief their police departments on this issue prior to an incident.
- Always wear full PPE.
- Access Emergency Response Guides ASAP.

EV Rescue



autorecueapp.com

NFPA



bit.ly/3G0nD7e

ESA



bit.ly/3DQJy5h

Disclaimer: This document was prepared and reviewed by the DVRPC Electric Vehicle Task Force and is not an official guidance or training source. DVRPC serves strictly as an advisory agency. Actual authority for carrying out recommendations rest solely with the governing bodies that have the responsibility to implement transportation policy. The following recommendations are based on local industry best practices and should be taken in conjunction with hands-on training and individual vehicle manual instructions. All personnel should be properly trained before operating at an electric vehicle incident.



ELECTRIC VEHICLE

EMERGENCY OPERATING BEST PRACTICES

DELAWARE VALLEY
dvrpc
REGIONAL
PLANNING COMMISSION



Chester County Department of Emergency Services

Lithium Ion Battery Incident Report



Date:		Primary Fire Department:	
Weather:		Temp (° F):	Wind From (mph):
Address of Incident:			
Municipality:			
Resident / Occupant / Phone:			
Type of Occupancy:		Construction:	
Officer in Charge / Phone:			
Injuries? Age/Sex:		Photos: Y / N	If Yes, By Who?
Building / Vehicle Estimates		Contents Estimates	
Damage:	\$	\$	
Value:	\$	\$	
Equipment Involved (Make, Model, S/N, VIN, Descriptive information):			
Circle One:	Phone / Tablet	Computer	Power Tool
	Vehicle	Vape	Other:
Brief Description of Incident:			
Exact Location of the Incident:	(i.e. garage work bench, bed in bedroom, countertop, etc.)		
What alerted the resident?			
Tactics Used by the FD:			
Extinguishing method:			
Problems or Barriers to Extinguishment?			

Upon completion of email to ripattin@chesco.org and rmstewart@chesco.org
 Call (610) 344-4338 with any questions.
 Office of Fire Services



EV Task Force- Current Activities

Questionnaire to task force members

- Who else should be at the table? What trends are you seeing?
What topics are you interested in diving into?

Questionnaire to towing-specific members

- What key information are you missing? What resources do you wish you had? Who else should be at the table?

Towing one-pager

- “Cheat-sheet” for towing and storing EVs



Electric Vehicle Task Force Resources



EV Best Practices



EV Resources Page



Action Checklist



Thank You!

Questions?

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