

## Fast Facts: MOVE Community Outreach – An IEEE-USA Initiative

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MOVE Community Outreach – an IEEE-USA initiative is an emergency relief program committed to assisting victims of natural disasters with short-term communications and power solutions. These temporary emergency relief provisions help those affected stay connected and make sure they can access the help they need. Services include power, phone charging, internet, communication support, and lighting to disaster victims and relief workers. Partnering with the American Red Cross, IEEE’s U.S highly skilled volunteers provide this technical assistance via **M**obile **O**utreach Using **V**olunteer **E**ngagement (MOVE) vehicles which is accessible during a disaster.

When not deployed for natural disasters, MOVE volunteers conduct community outreach and learning opportunities for students and the general public in the areas of Science, Technology, Engineering and Math (STEM). MOVE acquired a second truck in 2021 and a third in 2024. We are now able to support the entire U.S. area. Notable STEM events include the Atlanta Science Festival and National Scout Jamboree.

### The MOVE Community Outreach Truck

A major component of this initiative (in addition to IEEE’s member volunteers) are the MOVE Community Outreach Trucks. The first went into service in March 2016. These vehicles have been deployed for disaster relief 37 times since 2016. It is also used as a command center to help prevent loss of life in support of the American Red Cross and their ‘Sound the Alarm’ community smoke alarm installation program.

Notable events/deployments include floods, tornados, hurricanes, and wildfires.

## 37 MOVE Disaster Relief Deployments

- 2024
- New Mexico Fire
  - Hurricane Beryl

- 2023
- Mississippi Tornados
  - Hurricane Idalia
  - Hurricane Lee

- 2022
- Hurricane Ian (2)
  - Border32 Fire (San Diego)
  - Hurricane Fiona
  - Kentucky fires
  - Toa Alta and Cataño Flooding
  - Tornadoses Kentucky are (2021)



- 2021
- Tornado Brunswick County, NC
  - Tennessee Floods
  - Hurricanes Ida/Nicholas(3)
  - Tornadoses Kentucky area (2) (into 2022)

- 2020
- Tennessee Tornado
  - Hurricane Isaias
  - Hurricane Laura
  - Hurricane Sally
  - Hurricane Delta

- 2019
- Hurricane Dorian (FL, SC &NC)
  - Hurricane Barry (Baton Rouge, Louisiana)
  - Alabama Tornado Response

- 2018
- Hurricane Michael
  - Hurricane Florence (NC)

- 2017
- Missouri Flood Relief
  - Hurricane Maria
  - Hurricane Irma (Florida)
  - Hurricane Harvey (Houston)

- 2016
- Tennessee Wildfires
  - Hurricane Matthew
  - Hurricane Hermine
  - Louisiana Flood Relief
  - West Virginia Flood Relief

## MOVE truck capabilities include:

- Environmentally controlled office space
- High speed satellite uplink to provide WiFi internet access
- High speed managed network switch for wired networks
- Wireless Access Points for office or field site support
- Generator
- 900 W Solar panel array for recharging on-board batteries
- Ethernet, IP telephone, videoconferencing
- Recharging capability for 50 simultaneous battery packs
- Ability to transport equipment between locations.

## More Information:

Website: <http://move.ieeeusa.org>

Donate: <https://move.ieeeusa.org/help/donate> (Designate MOVE IEEE-USA Fund)

Facebook: <https://www.facebook.com/ieeeusamove>

LinkedIn: <https://www.linkedin.com/company/ieeemoveglobal/>

STEM: [movestem.ieee.org](http://movestem.ieee.org)

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