

The Use and Impact of AEDs in the Electrical Transmission and Distribution Industry



The Electrical Transmission and Distribution (ET&D) Partnership recently conducted a survey to assess the deployment and use of Automated External Defibrillators (AEDs) across the ET&D industry. The survey included responses from both Partnership contractor members and electric utility members of the Edison Electric Institute (EEI). While EEI is part of the ET&D Partnership, it also serves as the primary trade association representing U.S. investor-owned electric companies.

In total, data was collected from 11 contractor companies and 24 electric utilities, who together represent a significant portion of the workforce and operational footprint of the industry.



AED Deployment and Life-Saving Impact

Contractor Companies (ET&D Partnership Members)

- Total AEDs in Use: 18,870
 - » In the Field: Over 17,000
 - » In Facilities: Nearly 1,000
- Lives Saved: At least 54

EEI Utility Members

- Total AEDs in Use: Over 20,000
 - » In the Field: Over 15,000
 - » In Facilities: Approximately 5,000
- Companies Reporting AED Use: 17
 - » Companies with Multiple Uses: 14
 - » Lives Saved: Approximately 30

Combined Totals Across Respondents

- AEDs in the Field: Approximately 35,000
- AEDs in Facilities: 5,444
- Total AEDs in Use: Over 40,000
- Companies Reporting AED Use: 16
- Total Lives Saved: At least 84

Key Takeaways

- Every respondent reported active AED usage in both field and facility settings.
- The widespread availability of AEDs, coupled with proper training, has resulted in at least 84 documented instances of lives saved.
- These findings underscore the critical role AED programs play in worker safety across the ET&D industry.

Conclusion

The survey results reflect a strong industry-wide commitment to safety and preparedness. The presence of over 40,000 AEDs and the lifesaving outcomes associated with their use demonstrate that AED access and training are not just safety protocols, they are essential components of a life-saving culture in the ET&D sector.