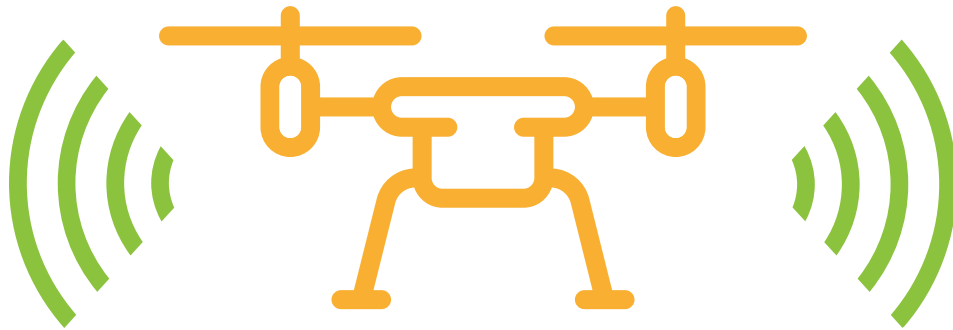


THE ELECTRIC POWER INDUSTRY Takes Flight

WHAT ARE DRONES?

Drones help electric companies maintain and inspect their critical energy infrastructure, including:



45,000+
SUBSTATIONS

~400,000
MILES OF
TRANSMISSION LINES

DRONES HELP ELECTRIC COMPANIES IMPROVE THE RESILIENCY, RELIABILITY, AND SECURITY OF THE ENERGY GRID



1

RESILIENCY

Drones help electric companies safely and quickly assess damage from natural and manmade disasters, speeding service restoration.



2

RELIABILITY

Drones are used to inspect remote infrastructure, helping to identify potential issues before they become a problem.



3

SECURITY

Routine drone flights add another layer of energy grid security.

NEW DRONE OPERATIONS

Many electric companies already fly drones under new rules developed by the Federal Aviation Administration (FAA), and many more will.



1

LONG-RANGE FLIGHTS

Electric company operators can now apply for permission to fly beyond the line of sight of the operator, enabling improved infrastructure inspection.



2

ROUTINE COMMERCIAL FLIGHTS

Electric company operations will be even more flexible and responsive with the ability to fly whenever needed, including after severe weather.



3

NIGHT FLIGHTS

Electric company security and recovery efforts will be aided by the ability to apply for waivers to fly at night.

SAFETY & PRIVACY

Electric companies operate drones with the utmost concern for safety and privacy:



SAFETY

- Drone operators are required to pass a comprehensive **KNOWLEDGE TEST** and receive a **CERTIFICATION** from the FAA.
- Pilots must thoroughly **INSPECT** their craft for airworthiness before flight.
- Drone must be operated in accordance with **STRICT LIMITS** on altitude, clearance, and speed.



PRIVACY

- Drones must be **REGISTERED** with the FAA.
- All operations will be conducted in **STRICT ADHERENCE** to all federal, state, and local laws.



Edison Electric Institute
701 Pennsylvania Avenue, NW
Washington, DC 20004-2696
202-508-5000 | www.eei.org



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