



Power Utility Protection



THE RISK: Costly Fires in Power Generation, Transmission, and Distribution

Power utility fires can cost millions of dollars.

They happen quickly and may spread fast, destroying critical company assets. Even worse, fires endanger utility workers and first responders. Effects are far-reaching and can impact the supply of power to customers, disrupting businesses and lowering public trust.

Designing with passive fire protection may lower risk but ignition sources and fuel supplies remain. Remote and unoccupied spaces with indoor and outdoor switchgear, transformer equipment, cable trays and vaults, turbine rooms, and electrical cabinets are real fire hazards where active fire protection is needed.

Power utilities strive for reliability goals of 99.9% or more, so quick response is essential. Expert risk managers know that robust, reliable, and effective fire protection can help support utility performance goals. They value technology that suppresses fires quickly but realize it must also have low capital cost and recurrent maintenance expense.

These performance elements are all found in Stat-X® advanced technology. It's why more power utilities are turning to Stat-X for their fire protection needs.

THE SOLUTION: Stat-X Fire Suppression

Advanced Technology

Stat-X aerosol fire suppression is a versatile and cost-effective solution for power utility fire protection. Each sealed, stainless steel generator contains a solid, stable, and specially formulated fire suppression compound unmatched in the industry.

When a fire occurs, the Stat-X generator activates, producing and releasing an advanced aerosol fire suppression agent.

Agent fills the protected space and chemically interrupts the combustion process. Fire is suppressed, and the micron-sized agent particles remain suspended to help prevent possible re-flash.



Aerosol generator discharge

Versatile Solution

Stat-X generators come in a range of compact, rugged, non-pressurized units. Modular design allows versatile configuration by mixing and matching units to protect a variety of spaces, from small to large.

Electrically actuated models work with popular linear, aspirating, or spot detection and control systems. Thermal and manual actuation models require no external power source to operate.



Stat-X® aerosol generators are compact for modular system design

The Stat-X logo, featuring the brand name in a bold, italicized, sans-serif font with a registered trademark symbol. The logo is positioned in the bottom left corner of the page, partially overlapping a photograph of a power substation.

Economical and Safer

Compared to expensive water deluge, gas, or dry chemical piped systems, Stat-X technology is economical to install and own.

Stat-X units do not need piping. What's more, no special catch basins are required to collect any waste water and oil mix after a fire, which could overflow and make soil remediation necessary.

When discharged, Stat-X aerosol agent remains suspended, protecting the space longer. Afterwards, it's easily vented out for clean-up. Spent Stat-X units are simply replaced so the system can be restored to continue protecting the asset.

Stat-X agent is also safer for people, equipment, and the environment. Unlike many conventional systems, it doesn't work by depleting oxygen or by releasing ozone-harming chemicals.

And since Stat-X agent is stable and generated only when the system actuates, there's no need for periodic agent level inspections or container hydro-testing.



A fire in a remote, unoccupied area can spread before first responders arrive

Power Utility Applications

- Power & Distribution Transformers
- Switchgear & Switchboard Rooms
- Power Circuit Breakers
- Cable Trays & Electric Cabinets
- Turbine & Generator Rooms
- Manhole Spaces & Vaults
- Hydraulic & Load Gear Enclosures



Stat-X fire suppression is an easy retrofit solution to protect critical assets like gas turbine power generators

The Stat-X Advantage

- Advanced technology — peerless firefighting on a weight basis over water, gas, or dry chemical
- Compact and modular — mounts high, suitable for obstructed spaces; mix and match sizes for hazard
- Economical to install — no agent piping network or pressurized vessels needed
- Economical to own — no service charges for container level checks, weighing, or hydro-testing
- Choice of actuation — thermal, manual, or electrical using popular detection and control systems
- Long life — rugged, sealed, stainless steel units made in USA for long service life
- Approvals — tested, listed, and certified by military, government, and independent agencies
- Safer to use — US Environmental Protection Agency approved as Halon 1301 substitute (SNAP)

Stat-X Technology Protects Critical Infrastructure Worldwide

Today there are thousands of Stat-X installations protecting lives and property on six continents.



Approvals, Listings, and Certifications

The advanced technology used by Stat-X products is covered by NFPA® 2010 Standard for Fixed Aerosol Fire-Extinguishing Systems. Current approvals are shown below and more are pending. Contact your Stat-X representative for details, limitations, and the latest listings.



Committed to Quality and Technology

Stat-X® is manufactured by Fireaway Inc., an ISO 9001 certified company with USA manufacturing in Minnetonka, MN and Minden, LA. Application questions? Contact an authorized dealer or Fireaway direct.

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