

Stat-X[®] Aerosol Fire
Suppression

Power Generation Fire Protection



THE RISK: Costly Fires in Power Generation

A power generation facility has several high-risk fire hazard areas as large quantities of fuel and rotating equipment are common. Fires are not a frequent occurrence but when they happen, they can cause severe damage to critical equipment, and reduce availability and reliability of power supplies.

Power generating fires have costly and even fatal consequences. Everyone in the plant needs to understand the fire hazards. Many fires can be minimized with management of fire suppressions systems(s) and reliability will increase with the proper attention for inspections, testing, and maintenance.

The National Fire Protection Association (NFPA) is the most recognized authority, publishing codes, standards and recommended practices in various fire protection areas. NFPA 850, Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations contain these guidelines. This recommended practice outlines fire safety recommendations for gas, oil, coal, and alternative fuel electric generating plants, including high voltage direct current converter stations and combustion turbine units used for electric generation.

Stat-X® fire suppression is the best choice for enclosed special hazards and provides numerous competitive advantages including: compact design, agent effectiveness, lower cost, exceptional value, US EPA SNAP Listed, and Made in the USA. Stat-X is currently protecting many power generation applications around the world.

THE SOLUTION: Stat-X Fire Suppression

Advanced Technology

Stat-X aerosol fire suppression is a versatile and cost-effective solution for power generation 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 to protect a variety of spaces, from small to large.

Electrically operated models work with linear and spot heat detection, air sampling/aspirating detection, conventional smoke and combination heat and smoke detection in combination with control systems. Thermally and manually operated models require no external power source to operate.



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

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. Spent Stat-X units are simply replaced so the system can be restored to continue protecting the asset.

Unlike many conventional systems, it doesn't work by depleting oxygen, or by releasing corrosive compounds or 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.

Power Utility Applications

- Gas Turbine Enclosures
- Generator Rooms
- Switch Gear Rooms
- Battery Rooms (lead acid batteries)
- Machine Rooms
- Electric Cabinets
- Transformer Rooms
- Wind Turbine nacelles, cabinets, down tower, and power room (See Wind Turbine Brochure PN: 19056)

The Stat-X Advantage

- Advanced technology — peerless firefighting on a weight basis over water, gas, or dry chemical
- Compact modular design — mounts high and is suitable for obstructed spaces
- 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 operation — 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 homologated by military, government, and independent agencies
- US EPA SNAP Listed for normally occupied and unoccupied spaces
- Environmentally friendly – zero Global Warming Potential (GWP) and zero Ozone Depletion Potential (ODP)



Standby generator rooms need protection and are in most facilities.



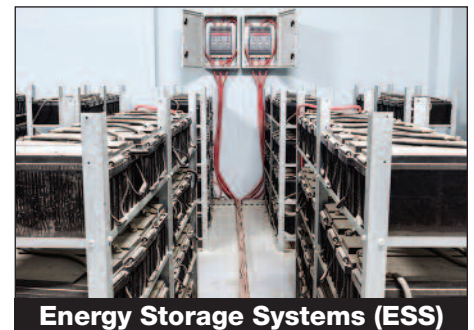
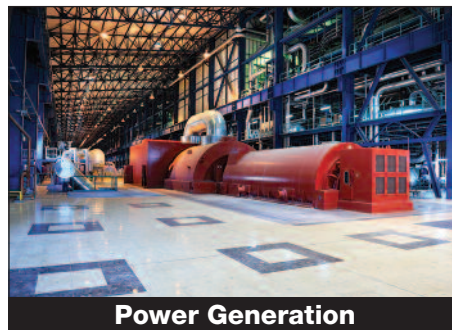
Power supply rooms are ideal for Stat-X!



Stat-X is tested and proven to be effective on lithium-ion battery fires!

Stat-X Technology Protects Critical Infrastructure Worldwide

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



Approvals and Homologations

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.



Committed to Quality and Technology

Stat-X is manufactured by Fireaway Inc. Fireaway implements a Management System, certified by QAS according to Standard ISO 9001:2015 (US2635) in Minnetonka, MN.

Contact an authorized distributor partner or Fireaway direct for more information.

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<https://statx.com/privacy-policy/>

Authorized Distributor



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