

CASE STUDY

POWER PLANT TEXAS

Situation

The Texas power plant produces enough power for approximately 800,000 homes. The safety-conscious plant operators needed an emergency warning and mass notification system capable of sounding sirens and broadcasting audible voice messages that can be clearly heard and understood above the plant's background noise by its 180+ employees and contractors.



Problem

Loud ambient background noise makes it difficult for plant workers to hear and understand voice broadcasts.

Traditional siren systems are not capable of broadcasting highly intelligible voice messages.

Bullhorns, megaphones and public address systems have limited broadcast range and poor voice clarity.

Solution

Genasys ACOUSTICS systems broadcast alert tones and voice messages that cut through mechanical and ambient background noise. ACOUSTICS broadcasts are clearly heard and understood during crisis situations. ACOUSTICS provide hours of continuous broadcasts without overheating or voice quality degradation.

Genasys implemented a three-phase installation at the power plant, which included outdoor ACOUSTICS systems connected via Wi-Fi with repeaters. Activated remotely with **Genasys Protect's** Command and Control software, the system plays prerecorded messages and tones to alert and warn workers in case of an emergency. General announcements are also broadcast throughout the plant using the ACOUSTICS systems.

The Protect Platform

The **Protect Platform** provides a multi-pronged Protective Communications solution:

- **Genasys Protect** gives organizations precision in who they reach, speed to act faster, and clarity that cuts through confusion. Targeted communication zones combine with comprehensive, multi-channel message delivery to form a powerful, precise, communication solutions to keep people informed of any situation and to protect more lives.
- **Genasys Acoustics** deliver highly audible and clear voice messaging when emergencies arise, broadcasting long-range emergency response messaging outdoors, even when connections are down and the power is out.
- **Genasys Evertel** provides secure, real-time communication and collaboration, both on desktop and a mobile app, addressing the strictest requirements of public safety agencies, hospitals, financial services, and secure business communications.



Genasys is the only Protective Communications platform that unifies software and hardware to provide geo-targeted alerts to mobile phones and audible warnings and notifications through indoor and outdoor speakers with industry-leading vocal clarity and broadcast area coverage.

Self-contained or easily integrated with existing infrastructure, and featuring solar power, battery backup and satellite connectivity, ACOUSTICS systems are highly effective in delivering critical communications and life-saving notifications during industrial accidents, HAZMAT incidents, intruder threats, and other crisis situations.

Genasys

Global Provider of Protective Communications Solutions

Protecting people and saving lives for over 40 years, Genasys Protect covers more than 155 Million people in all 50 states and in over 100 countries worldwide.

For more information, visit genasys.com.

REQUEST A
DEMO

