



Power Plant – Texas

SITUATION

This 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 broadcasting sirens and voice messages that can be clearly heard and understood above the plant's background noise by its 180+ employees and contractors.

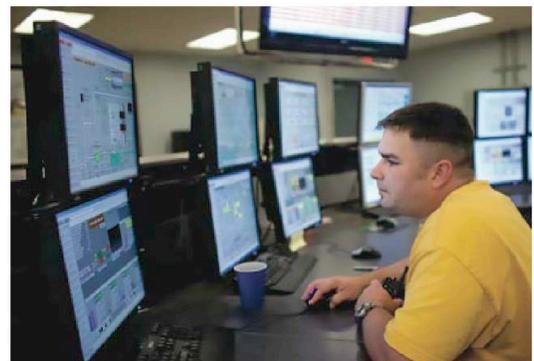
PROBLEM

Loud ambient background noise makes it difficult for plant workers to hear and understand voice broadcasts. Traditional siren systems are not capable of broadcasting intelligible voice messages. Bullhorns, megaphones and public address systems have limited broadcast range and poor vocal clarity.

GENASYS™ SOLUTION

Advanced Genasys Mass Notification systems broadcast warning tones and voice messages that cut through mechanical and ambient background noise. Genasys broadcasts are clearly heard and understood, before, during, and in the aftermath of emergency situations. Genasys mass notification arrays provide hours of continuous broadcasts without overheating or voice quality degradation.

Genasys implemented a three-phase installation at the power plant, which included outdoor Genasys mass notification voice broadcast arrays connected via Wi-Fi with repeaters. Activated remotely with Genasys 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 Genasys speaker arrays.





ADVANCED TECHNOLOGY

Genasys' proprietary driver and waveguide technology focuses sound from 30° - 360° to provide customized mass notification area coverage. Optimized to the primary range of human hearing, Genasys broadcasts can be clearly heard and understood inside vehicles and buildings, and above background noise. Genasys systems maintain a smooth frequency response with an intensity variation of less than 5dB to prevent audio fading and produce clear, unambiguous communication in any language and across all broadcast frequencies.

SUPERIOR VOICE INTELLIGIBILITY



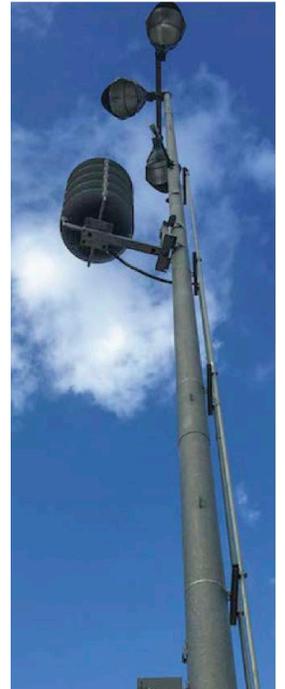
Based on Federal Emergency Management Agency (FEMA) and U.S. Military United Facilities Criteria (UFC) guidelines, the minimum standard for high-powered speaker array mass notification systems is a 0.5 Speech Transmission Index (STI) measurement.

Genasys systems feature the highest STI in the mass notification industry at 0.95, substantially exceeding all FEMA and UFC voice intelligibility requirements.

Genasys systems are self-contained or easily integrated with existing communication infrastructure. From portable devices to larger systems temporarily or permanently mounted on poles, buildings or trailers, Genasys systems are highly effective in communicating general announcements and lifesaving notifications during emergency situations, industrial accidents, and work place incidents.

Genasys 360-XT
*with Optional Solar Panel
and Remote Charging
Capability*

Genasys 360X
Texas Power Plant



**Genasys critical communications systems and support equipment are in use in
72 countries and in more than 500 U.S. cities**



About Genasys Inc.

Genasys Inc. is revolutionizing emergency warning and public safety notification with advanced voice broadcast systems that feature the industry's highest speech intelligibility rating and area coverage, 30° - 360° siren and voice broadcast dispersion, multi-modal activation and control options, satellite connectivity, solar power, and battery backup. Genasys geo-targeted SMS mobile safety alert solutions are compatible with local, regional and national emergency warning protocols and systems.