

Title: Substation gis equipment mixed gas overhaul

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Burns & McDonnell was selected to provide complete engineer procure construct (EPC) services to replace the century old substation with a new, 115-kV, substation utilizing three-in one GIS equipment.

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Explore GE's Gas Insulated Switchgear (GIS) solutions, offering reliable, eco-friendly power with SF6 and g&#179; technology for substations. Enhance efficiency and sustainability.

Prior to manufacture, it is crucial to make sufficient gas zones in the equipment to allow for maintenance or repair without jeopardizing or preventing the operation of nearby GIS equipment.

This white paper outlines the advantages, design configurations, equipment, and commissioning protocols of GIS, a core technology in today's power substation engineering landscape.

In this article, we shall focus on operational and maintenance aspects that are unique to a GIS, skipping the general norms common to any high voltage substation.

Compare gas insulated switchgear types for substations, focusing on reliability, space, cost, and maintenance to help you choose the best solution.

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