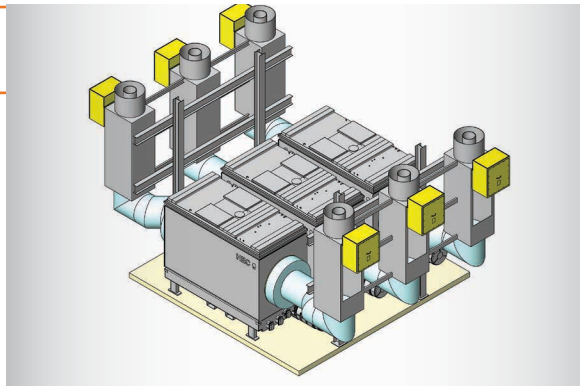
RMS ENERGY
NETA ACCREDITED COMPANY

TURN-KEY EMERGENCY REPAIR AND SUPPORT

Bus duct systems are one of the most important components of any power generation facility and are part of the primary circuit bringing power to the grid. Bus systems not only require regular maintenance, but also need periodic modifications, retrofits, and additions to existing system to modernize and upgrade facilities.

Bus Solutions Engineering

- Our engineering team has the experience to provide solutions for new installations, equipment retrofits, additions of new equipment, or emergency repair response
- Field experience provides for engineering the best solution to fit the design of even the most complex bus systems, with installation and reduced outage time in mind



Retrofit and Repair Solutions

- New transformer bushing boxes and modifications for transformer replacement
- Bus design and platforms for replacement or retrofit of Generator Circuit Breakers
- Design and Installation of tap boxes for addition of auxiliary equipment
- Additions of heaters, access ports, or online monitoring equipment
- Isophase bus retrofits for access to transformer and seal off bushings
- Design for maintenance; allow for bushing removal for replace/ regasket, and isophase removal for generator repairs.

RMS Energy provides full service retrofit and repair solutions on nearly any bus system.

Mechanical Engineering for Distribution Systems

Our expertise in electrical systems includes mechanical design, such as:

- Custom electrical bus and switchgear design
- Emergency response for equipment failures
- Equipment enclosures
- Bus bracing studies and ratings evaluation
- Replacement parts and components

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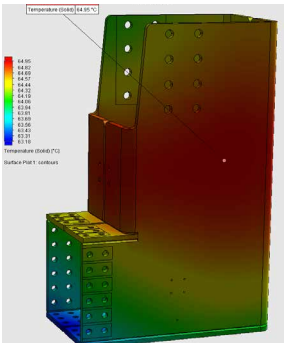
BUS DUCT ENGINEERING, MODIFICATIONS, EMERGENCY REPAIRS

Bus Duct Emergency Fabrication

When failures occur, RMS Energy can respond! The RMS ENERGY MOBILE SHOP provides the capability to respond quickly to repairs and custom fabrication required to match existing critical equipment. The trailer is designed to rapidly mobilize for support of failures, including:

- IPB and Non-Seg Bus Failures
- Seal off bushings and Expansion Bellows
- Transformer Termination Compartments
- Generator Circuit Breakers
- Auxiliary cabinets and switchgear section

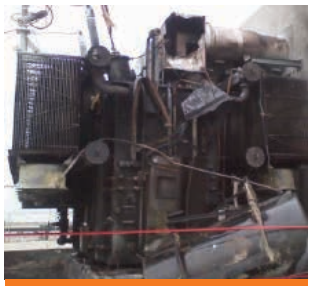


RMS Energy has the capability to perform CFD (Computational Fluid Dynamics) analysis of bus designs to evaluate temperature rise and current ratings of bus systems as well as other system studies including Forced-Air Cooling uprates, bus bracing, and others

RMS Energy Mobile Shop

The RMS ENERGY MOBILE SHOP is the latest addition to the RMS Energy fleet, expanding RMS capabilities to serve customers on-site and during outages by bringing emergency response fabrication capabilities straight to your doorstep. This full-service, mobile fabrication trailer has all equipment and capability to support fabrication, refurbishment, and repair of isolated phase bus, non-segregated phase bus, switchgear, and transformer bus bars and associated components directly on-site.

Backed by RMS Energy's extensive engineering and field service capabilities, this MOBILE SHOP provides full-service response to emergencies and standby support for critical outages, ensuring time critical response to support your highest priority projects.



BEFORE

AFTER

Outage Standby Support

We understand the importance of contingency planning during outages and designed this MOBILE SHOP to provide peace of mind during your critical path activities! Having this trailer on your site during critical path activities is the ultimate backup plan for parts that don't fit, or to recover from discovery items found during tight outage windows.

Mobile Shop Capabilities

- Custom Copper Bus Bars
- Custom Flexible Braids
- On-site Silver Plating
- Heat Shrink Insulation
- GPO3 & G10 Supports and Bracing
- Reverse Engineered Obsolete components
- Like-for-Like replacement sections of IPB and Bus Bar
- Welded Aluminum Enclosures

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