

# INSPECTION, REPAIR AND MAINTENANCE PROGRAM



*We really appreciate your interest in our  
programs. For more information go to:  
[RMSEnergy.com](http://RMSEnergy.com)*

*A customized, turnkey maintenance solution for  
power generation and industrial facilities.*

***RMSEnergy***

RMS Energy offers its Inspection, Repair and Maintenance Program to its power plant customers across the U.S. and Canada. This exclusive three-tiered program allows power plant maintenance and operations managers to choose the level of service they desire. Each level is customized and tailored to meet the unique needs of each power generation facility.

## ***Introducing the RMS Energy Inspection, Repair and Maintenance Program.***

The RMS Energy Inspection, Repair and Maintenance Program includes three tiers of service: Standard, Level Two and Level Three. With each level, additional services are offered to provide a better picture of your system's condition.

### ***Standard Level***

- One online inspection
- Complete visual inspection of exterior bus system
- Comprehensive infrared scan
- Partial discharge test
- Full report with findings and recommendations

### ***Level Two***

- Includes all elements of the Standard Level, plus:
- A total of two visits (one online and one offline inspection)
- High-level sample inspection of entire bus system is performed
- Opening of every third access cover
- Inspection for deficiencies in the following accessible components:
  - *Insulators*
  - *Termination assemblies*

- *Expansion joints*
- *Expansion bellows*
- *Conductor*
- *Enclosure*
- *Grounds pads*
- Reinstallation of removed covers with new gasket
- Completion of a DC Hi-Pot test
- Full report with findings and recommendations

### ***Level Three***

- Includes Level Two, plus:
- A total of three visits (two online and one offline inspection)
- Comprehensive and detailed inspection of entire bus system is performed
- Opening of every access cover
- Inspection for deficiencies of the following accessible components:



- *Insulators*
- *Termination assemblies*
- *Seal-off bushing (if present)*
- *Expansion joints*
- *Expansion bellows*
- *Conductor*
- *Ground pads*
- *Drains*
- Hand cleaning of entire system (optional cryogenic cleaning is available)
- Completion of a DC Hi-Pot test
- Reinstallation of removed covers with new gasket
- Full report with findings and recommendations

***RMS Energy specializes in isolated phase, cable and non-seg bus systems.***



**RMSENERGY.COM 1-888-683-3630**



## About RMS Energy.

RMS Energy is a professional nationwide construction and consulting firm that works exclusively for the energy industry. The RMS team is comprised of well-trained and highly experienced installation professionals who perform all aspects of bus duct maintenance, inspections, removal, installations, retrofitting and testing. Services also include cutting, aluminum and substation welding, transformer termination compartment removal, and the supply of operational and spare parts.

RMS Energy also offers complete Emergency Services. Whether the emergency is a transformer blowout, a bus failure, damage from fire, a generator re-wind,

or something else unexpected, RMS Energy will analyze the problem, put an action plan together, and get right to work.

**24/7**  
**Emergency**  
**Service**

“I can always  
depend on RMS  
Energy.”

**RMS Energy**





RMS Energy offers a variety of services that complement its Inspection, Repair and Maintenance Program. Power plants rely on RMS Energy for everything from specialty welding to parts procurement, silver plating, testing and commissioning, turnkey installations, and more.

## ***RMS Energy Can Provide All Services Power Plants Need for Ongoing Maintenance.***

### ***Parts***

RMS Energy can procure a range of specialty and custom fit parts to meet the unique needs of nearly any power generation facility. This includes the provision of specialty cubicles and accessories.

### ***Welding and Substation Welding***

By relying on the skilled welding crews from RMS Energy, your organization will gain plenty of advantages, including, quality welders, skillfully trained in bus manufacturers' equipment, and in other aspects of bus construction and repair; adherence to stringent standards, including American Welding Society's (AWS) D1.2 code, verified by Powell/Delta Unibus and Technibus.

### ***Silver Plating***

RMS Energy performs on-apparatus silver plating, the same processes and procedures used by the leading bus manufacturers in the industry. RMS works with non-cyanide-based chemicals, a process that meets all industry standards with certification by SIFCO Applied Surface Concepts.

### ***Full Testing***

RMS Energy offers comprehensive testing services that help to ensure bus system components are properly functioning and at peak efficiency. Testing services include infrared scans, High Potential, electromagnetic interference (EMI), partial discharge (PD), contact resistance and more.

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***“Thank you, RMS Energy. You did a thorough job, inside and out.”***



RMS Energy has personnel strategically located across the country to provide our customers with faster response 24 hours a day, seven days a week.

## ***RMS Energy is Your Go-To Team.***

RMS Energy provides bus system inspections, repair, retrofits, installations, and maintenance. RMS also offers specialty services such as welding, cryogenic cleaning, electrical testing, engineering and design, switch gear, monitoring and emergencies services. For all of your power plant's operational needs, rely on RMS Energy.



**Phone: 1-888-683-3630 | 24-Hours A Day**

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***Thanks for learning more about us. Just contact us and we will be on the way!***

**[RMSEnergy.com](http://RMSEnergy.com)**

