



THE Breaker Buzz

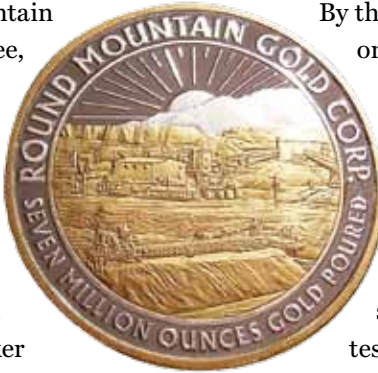
Providing Electrical Solutions Worldwide VOL III

SEPTEMBER 2012

Round Mountain Strikes Gold Circuit Breaker Sales Shines for Customer in Need

RENO, NEVADA-BASED Round Mountain Gold Corp. discovered that when it comes to finding trusted suppliers, there's gold in Texas, too.

On June 25, Round Mountain Gold's electrician, Peter Tyree, was enjoying the first day of his supervisor's vacation when he noticed a failure of a Siemens RL-4000 circuit breaker in their wastewater control system. Round Mountain Gold originally bought the breaker from Circuit Breaker Sales (CBS)



in 2004. The breaker still bore the CBS test sticker and nameplate unique evaluation and testing documentation serial number.

Tyree called Teresa Sprouse, Office Manager at CBS's Gainesville, TX, facility, and Sprouse quickly pulled the testing doc-

umentation from the 2004 breaker. Soon after, technicians Cody Perryman and Tim Hennessey started building an exact replacement for the failed RL-4000.

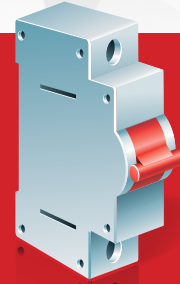
By that evening, the breaker was on an airplane and installed in the wastewater plant the following day. In the meantime, Sprouse issued a return goods agreement (RGA) and arranged for the failed breaker to be shipped to Gainesville for testing and evaluation.

"The breaker was a perfect replacement and the installation was flawless," Tyree says. "Thank you for the excellent service, and I appreciate your handling of the return as well. You will definitely be used with other contactor and breaker needs again."

MAGVAC Virtually Eliminates Vacuum, Air Breaker Maintenance

THE NEW MAGVAC from Circuit Breaker Sales and Repair, Inc. (La Porte, TX) features vacuum interrupting technology mated to a magnetic latching mechanism. The product offers vacuum breaker replacement and/or vacuum retrofit solutions by utilizing the latest technology, resulting in a breaker with virtually no moving parts and almost zero maintenance. Imagine a 5KV or 15KV breaker with no charging motor, no closing or trip coils, and no springs. Stronger, lighter, and more durable than the original air breakers and standard vacuum retrofits, the MAGVAC directly replaces existing equipment with no cell modifications. The product also gives 30,000 trouble-free operations backed by a five-year parts and service warranty.

Visit cbsmagvac.com or email info@CBSMAGVAC.com for more details.



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THE VIEW FROM FLIGHT LEVEL 410

By *Finley Ledbetter, CEO, Group CBS*

Group CBS Grows at Center of Perfect Storm



IT HAS BEEN a while since the *Breaker Buzz* has buzzed, so I will try to catch everyone up in a few hundred words.

First, I have to crow a bit that my Rangers have gone to two World Series since our last issue and the Mavericks have won an NBA championship since my last article....Now, I'll wait diligently for the Cowboys to show up soon.

Now, back to business. In the last Buzz we were talking about Arc Safe getting a new facility and RVI — now Vacuum Interrupters, Inc. — coming to fruition. Craig Archer and Dan Hook at Western Electrical Services (WES) were getting ready to trade places in the West, and Lee Heine and Roger were developing the MagVac replacement breaker.

Today, I'm happy to report that all of these moves, expansions and products have been successfully brought to market.

Arc Safe has had an incredible run the last four years and is the market leader by a wide margin in both remote racking and remote switching. The new full-line catalog is about to hit the Web, and that will open a lot of eyes.

Vacuum Interrupters has progressed nicely. In February 2012, Group CBS's newest business went commercial and is now a stand-alone profit center and continues to build its catalog and solve problems everyday thanks to the hard work of Julia Neves and Jerod Day. Vacuum Interrupters, Inc. is housed in a sleek new Carrollton, TX facility with

workshop, testing laboratory and sales housed together. I'd like to personally invite you to stop by and get the tour.

Vacuum Interrupters also has developed a new line of magnetron atmospheric condition (MAC) test equipment. This new test equipment will enable quantifiable predictions of the remaining life of vacuum interrupters installed on breakers, contactors and switches. This will be a big help to our customers, service shop and field-service technicians. Look for details soon to follow.

Craig and Dan did the Seattle two-step and swapped WES shops. Now, Craig is located at WES corporate in Phoenix, where he built a new full-service shop. WES also has opened new offices in Salt Lake City and Vancouver, WA, and continues to build market share in field service, repairs and engineering studies.

“THANKS TO A FANTASTIC TEAM OF PEOPLE, OPPORTUNITY AND SUCCESS SURROUND GROUP CBS.”

A move into the California market is on the horizon. WES continues to build on its recent NETA membership — a strong upgrade in WES's people and capabilities.

Lee and Roger at Circuit Breaker Sales & Repair (CBSR) have brought forward the CBS MagVac line of magnetic actuated replacement circuit breakers. They hired Tom Brawner to market this product across the U.S. Very soon, our

customers can expect to see a national advertising campaign promoting the new MagVac line. Keep an eye out at the major trade shows this year and you'll probably see Tom there with a MagVac unit to demo.

At Sentinel Power Services (SPS), Greg Ellis has started to ramp up business, bringing in new talent to support the expansion. We welcome Bogdon Gronowski and Doug Cassell to the group and hope for big things from SPS in the near future.

Scott Peterson has located a new facility for CBS Nuclear in North Carolina. He expects to close on the facility soon and start construction in the very near future. Scott has also made some new hires and is starting to expand his commercial business in the Carolinas and Florida. I'm personally very proud that — in addition

to a new facility — CBS Nuclear is building a reputation as a high-quality, reliable supplier across the U.S.


Group CBS's flagship, Circuit Breaker Sales in Gainesville, TX, has started to retool. Bill Schofield has added new blood to both engineering and Internet sales. CircuitBreakerStore.com will bring new business to the group while building an online presence that will

aid marketing and sales growth for all Group CBS affiliates.

Group CBS has reached out and started a jet aircraft repair station in Henderson, NV. VNE Jet Inc. has shown us many new things, and Scott Bullock has made great strides developing this business.

Looking forward, very soon Group CBS should again shake the electrical testing industry. We're very close to completing five years of development on a new Circuit Breaker Analyzer (CBA). The test unit analyzes vibration signatures for all types of power circuit breakers. A commercial unit is expected within a year for this revolutionary approach to breaker timing and mechanical condition assessment. Plain and simple: This is going to be big.

When I wrote my last "View" column, the theme was "interesting times." It is three years later, and Group CBS is still growing every year. Thanks to a fantastic team of people, opportunity and success surround Group CBS. Our employees have made this all possible, and it will be our future employees who help us get to the next step. Now it is time to double our efforts to find, hire and train the best people in each of our core industries, bringing even greater value and competence to our clients.

In closing, I'd like to share some advice my first flight instructor gave me: Always seek perfection. He hammered that advice into my head as the best way to stay alive in the air. Good was never good enough. If you are 2 degrees off-course, correct it. If you are 50 feet off target altitude, move. Perfection may be unattainable, but it's trying that takes us to new heights. Strive for perfection in all aspects of your life: every day, every deal, every report, every bid, and good things will happen again and again. 



New Racking System Reduces Arc Flash Danger for GE Magne-Blast Breakers

CBS ARCSAFE® RECENTLY released the RRS-3MB II, a universal remote racking device for GE Magne-Blast breakers designed for 5kV M-26 and 15kV M-36 switchgear racking mechanisms.


Like all ArcSafe remote racking systems, the RRS-3-MB II system allows service personnel to remain outside the arc flash protection boundary while installing or removing the GE Magne-Blast circuit breaker, significantly reducing the need for a full-body arc flash hazard suit. Each ArcSafe remote racking system includes a current monitor for managing racking mechanism conditions and a current control backup mode for cubicles with faulty control circuits.



The CBS ArcSafe® circuit breaker remote racking system allows operating personnel to stand up to 150 feet away from a racking circuit breaker, greatly reducing the the potential for injury from arc flash incidents.

The RRS-3MB II is compatible with all elevating motor voltages and control circuit layouts, and utilizes ArcSafe's preexisting control circuit to raise and lower the Magne-Blast circuit breaker for racking operations.

This unit requires no modifications to your switchgear or programming. The operator can stand 30 feet away from the work area with the base unit or, by adding the radio remote operation, up to 150 feet away while removing and installing the breaker.

CBS ArcSafe also offers an optional tilt switch to alert the operator of unsafe breaker tilt conditions. Visit www.circuitbreakerstore.com for more information and product details. 

Schneider Electric Recalls Masterpact NW Circuit Breakers

SCHNEIDER ELECTRIC HAS identified a potential nonconformance with the bus-mounting hardware used with Masterpact NW Circuit Breakers (800 to 6300 Amp) assembled in North America. This also applies to equipment utilizing these circuit breakers such as PZ-4, QED-6, QED-2, QEDS and Model 6 motor control centers (MCCs).

These circuit breakers may have a nonconforming washer on primary terminal mounting screws. If the washer is nonconforming, there is a risk of low clamp force between the terminal and the breaker/cradle. This can result in overheating at the loose connection. Should this occur, there is a potential for property damage and/or that the circuit breaker may not operate as intended.


Square D has identified a process non-

conformance from its supplier within the manufacturing period from March 1, 2012 through June 12, 2012 (Date Codes 12094 – 12242 inclusive) as the root cause of the potential problem (see below).

If you have one of these circuit breakers in stock or in a customer facility, the owner will need to complete and return a Square D questionnaire and fax it to 859-817-5018, or e-mail to CharlotteServicesAdmin@schneider-electric.com. This information is critical to ensure that the correct contact information is obtained for the update activity.

Upon receipt of the completed questionnaire(s), Schneider Electric will contact the equipment owner to schedule a date and time when your Masterpact circuit breakers can be updated.

There is no way to visually inspect

the product safely for the nonconformance while installed for operation. If the circuit breaker is energized, it is recommended that you use thermal scans to check for overheating at the bus connections to the cradle or back of the circuit breaker. Minimize loading as much as possible and monitor the circuit breaker and equipment for overheating until such time when the equipment can be repaired. For more details, contact Schneider Electric Services. 

For more information about the Masterpact recall, contact Schneider Electric Services
Toll-free 1-800-634-8730
 Reference Project RC103


Catalog Number, Serial Number & Date Code are clearly indicated on front of breaker

Date Code Format:
 12 = YEAR (2012)
 19 = Week
 2 = Day




Catalog Number, Serial Number & Date Code are clearly indicated on right side of Cradle Rail

Date Code Format:
 12 = YEAR (2012)
 08 = Week
 4 = Day



Group CBS IT Consultants, Bear Technologies, Welcomes Eric Smith



BEAR TECHNOLOGIES WELCOMES Eric Smith, Director of Technology, to the Bear-Tech Team. Eric will add his talents to the Server and Desktop Services Division. Eric brings over twenty years of technology experience in both military, where he served in the U.S. Army, and corporate environments. As he embraces his new role, he will be looking for ways to automate and streamline client business processes by leveraging current technologies. Bear Technologies is proud to have Eric join our team. Eric can be reached at eric@beartech.com. 



Visit With CBS at CONCAPAN!

See the latest products and services from Circuit Breaker Sales at the leading Central American/Panamanian electrical engineering conference – CONCAPAN, **November 14-16, Booth 39**



CBS President Bill Schofield (left) visits with Congressman Walter Jones of North Carolina during a recent Remanufacturing Industries Council (RIC) meeting.

CBS Works with Industry, Government Leaders to Promote Remanufacturing

CIRCUIT BREAKER SALES' (CBS) President Bill Schofield will join industry leaders from BBB, CARDONE, Continental, Delphi, Eaton, Flight Systems, GE Healthcare, Meritor, Transtar and many more on Oct. 2 at the 2012 Remanufacturing and Sustainability Conference in Troy, MI, to help government leaders from around the world understand the many benefits of remanufactured equipment.

In fall 2011, Schofield joined the Board of Directors for the Remanufacturing Industries Council (RIC), a group of U.S. companies and institutions formed to help develop and promote remanufactured product. Shortly thereafter, Schofield was elected Chairman of the RIC Trade Policies & Legal Issues Committee and helped to author the RIC's definition of "remanufacturing."

"The focus of the Remanufacturing and Sustainability Conference and RIC in general is to bring together many different remanufacturing industry segments so that we can pool our resources to communicate to Congress and governments around the world the many benefits of remanufacturing," explains Schofield. "In addition to the skilled American jobs that remanufacturing creates, the environ-

mental benefits of resource conservation and landfill management are too significant to ignore. And if you do the total cost-of-ownership calculations on top of

"In addition to the skilled American jobs that remanufacturing creates, the environmental benefits of resource conservation and landfill management are too significant to ignore."

these things, there is nothing but positive benefits for society from the promotion and consumption of recertified goods. But presently, many governments preclude the purchase of any reconditioned or remanufactured goods. And that is what we aim to change."

The theme for this year's conference is "Remanufacturing and the Sustainable Organization." Within the framework of the triple bottom line — people, planet, profit — speakers and panelists will highlight how remanufacturing helps a company meet its sustainability goals as well as key issues facing remanufacturing companies. 

2012 REMANUFACTURING AND SUSTAINABILITY CONFERENCE

FEATURED SPEAKERS INCLUDE:



CHARLES "CHIP" McCLURE, Chairman, CEO and President, Meritor, Inc., will deliver a keynote address on the growth

and impact of the remanufacturing and sustainability initiatives he has championed at Meritor.



MARK BUCKLEY, Vice President, Environmental Affairs, Staples, Inc. will share his expertise and perspective on how

remanufacturing companies can effectively market their sustainability efforts. Staples is well known across many industries for its comprehensive environmental commitment, and Buckley is responsible for driving the company's environmental leadership.

EDWARD BRZYTTWA III, Director for Industrial Non-tariff Barriers, Office of the United States Trade Representative will discuss remanufacturing and international trade issues.

PETER BUTTERFIELD, Regional Vice President, Remanufacturing, LKQ Corp.

MARK DIGIAMPIETRO, President, Flight Systems Electronics Group

MICHAEL SCHMIT, Director, GE Healthcare Remanufacturing, General Electric Company

DR. NABIL NASR, Assistant Provost, Director of CIMS & Golisano Institute for Sustainability, Rochester Institute of Technology

Gainesville, Texas, Voted 'Most Patriotic' U.S. City



A BIG ANNOUNCEMENT has one Texoma city celebrating its pride in the red, white and blue. After weeks of competition, *Rand McNally* has named Gainesville, TX, as the “Most Patriotic” city in America. Gainesville competed against six other cities for the honor.

Residents can't hide their excitement about the new title. “We were sitting by the computer watching the live video stream, and it was just so exciting,” Donna Wells says.

“We know what we have here is special, but now other people are going to know that what we have here is special, and that's a big deal,” says Donna Hertel.

Adds resident Vance Wells: “All of Gainesville has decorated up the downtown shops, and that's tradition.”

The competition first included a social media challenge, which the city took by storm. “We just put the word out that we needed comments, and then there would just be hundreds of comments online about how great we are, and we had to be the most patriotic,” says Chamber of



“We know what we have here is special, but now other people are going to know that what we have here is special, and that's a big deal.”

Commerce Director Lynette Pettigrew.

Next, a group of Rand McNally judges visited and were able to see the city sporting its red, white and blue, with more than 200 kids riding their festive bikes in a parade.


Another aspect that pushed the city to the top: Gainesville is the only Medal of Honor host city and honors hundreds of veterans every year. “The city does so many amazing things for our veterans always,” Hertel notes.

Here in Gainesville, patriotism is taught at very young age. “We're raising

a generation that has respect for country, duty, and honor and patriotism,” Pettigrew says. “So, we're raising patriots right here in our community.”

“I'm very proud and honored that I got to be a part of something like this, and what our town does,” says Abbey Wells, a recent high school graduate.

On July 25th, Gainesville was featured in a special “Best of the Road” episode on the Travel Channel.

While there aren't any celebration plans just yet, Pettigrew assured that the city will do something special. 


TRADING PLACES: West Coast Electrical Update

IT'S BEEN ANYTHING but quiet on the Group CBS's western front.

Since Craig Archer (Phoenix, AZ) and Dan Hook (Sumner, WA) traded facilities in 2009, Western Electrical Services (WES) has added two more locations: Salt Lake City, UT and, more recently, Vancouver, WA.

Rob Coomes was given the opportunity to head up the Salt Lake City WES facility and has done a fantastic job. WES added the Salt Lake office to provide local engineering and field service support to existing equipment customers as well as support local sales and marketing efforts. While getting this new office up and running, Rob has successfully passed his professional engineer (PE) exam. Congratulations to Rob on a great job!

Our Vancouver office — an extension of the Sumner office — was established to support our growing customer base in the Northwest region and allow us to take advantage of reduced travel to Vancouver- and Portland-area customers. The expansion has been profitable, allowing WES to be much more competitive in those markets. And of course, WES has added more field technician and engineering resources to support the additional business.

As you can see, WES continues to grow in the direction that opportunities take us. 



SUMNER, WA



PHOENIX, AZ




CBS Has Heart

THE NATIONAL SAFETY Council's Jon Engleman recently visited Circuit Breaker Sales' (CBS) Gainesville, TX facility to train a group of volunteers on the latest techniques and procedures in cardiopulmonary resuscitation (CPR) and automated external defibrillator (AED) usage.

Eighteen members of the facility are now certified in CPR and AED. Since the last time the staff went through the training, the number of compressions has changed, and an AED is now on site.

"The health of our employees, family members and community has always been a priority, and now we have given our first responders another resource in monitoring their well-being," explains Mike Briley, CBS ISO/Safety Manager. "Sudden cardiac arrest [SCA] is the leading cause of death in the U.S., striking more than 300,000 people each year. SCA victims usually collapse without warning and quickly lose consciousness. Death can follow within a matter of minutes unless a normal heart rhythm is restored. Immediate CPR and the timely use of an AED can restore a heart's natural rhythm.

"We are now equipped and trained to react and provide help in a life-threatening situation, God forbid we ever need this training and equipment," Briley continues, adding that he would like to thank all of the volunteers for their dedication and time to make CBS and the Gainesville community a safer place to work and live.


"I would also like to thank CBS President Bill Schofield for giving us the time and opportunity for this accomplishment," Briley notes. 



Tom Brawner Assumes MAGVAC Top Sales Job

CIRCUIT BREAKER SALES & Repair, Inc. would like to welcome Tom Brawner to the Group CBS family. Hired in May 2012, Tom will be the new National Sales Manager for the CBS MAGVAC product line — the future of circuit breakers.

Many of you already know Tom. He has worked in the breaker industry for many years, most recently as the Regional Sales Manager for the Utility Relay Company — the AC Pro retrofit kit guys. He has also “done time” at Shermco and National Switchgear.

Tom will be traveling nationally soon, visiting both customers and Group CBS affiliates to promote the CBS MAGVAC line and to introduce himself to those of you who haven't met him. 

“People that pay for things never complain. It's the guy you give something to that you can't please.”



— WILL ROGERS,
American cowboy, vaudeville performer, humorist, social commentator and film actor

GROUP CBS AFFILIATES:

Astro Controls, Inc.

www.astrocontrols.com
Irving, TX — Ph: 800-289-2757

Sales and service for all types of industrial molded case circuit breakers, insulated case circuit breakers and motor controls.

CBSArcSafe, Inc.

www.CBSArcSafe.com
Denton, TX — Ph: 877-4-SAFETY

Remote racking systems, remote switch actuators, and handheld motorized racking tools for low and medium voltage switchgear.

CBS Nuclear Services, Inc.

www.CBSNuclear.com
Matthews, NC — Ph: 704-882-1875

Specializes in shop and on-site field servicing of Class 1E safety-related low and medium voltage switchgear and circuit breakers. Also services industrial and non-nuclear related circuit breakers and related switchgear and substations.

CBS Power Products, Inc.

www.CBSPowerProducts.com
Dallas, TX — Ph: 940-665-4444

New alternative utility and industrial power products: transformers, switchgear and other power apparatus.

Circuit Breaker Sales Co., Inc.

www.CircuitBreakerSales.com
Gainesville, TX — Ph: 800-232-5809

World's largest inventory of low and medium voltage circuit breakers. Millions of parts in stock. Complete service, remanufacture, upgrade and life extension services. Match existing switchgear lineup.

Circuit Breaker Sales & Repair, Inc.

www.CBSalesAndRepair.com
Houston, TX — Ph: 281-479-4555

Servicing the Gulf Coast with shop or field service, repair, upgrade or replacement of power system apparatus.

Circuit Breaker Sales & Service, Inc.

www.cbs-florida.com
Lakeland, FL — Ph: 863-646-5099

One-stop service for circuit breakers, switchgear, transformers, protective relays, loadbreak switches, motor controls, unit substations, renewal parts, and repair, upgrade, life extension and maintenance services.

Reliable Electrical Testing Services, LLC

www.ReliableElectricalTestingServices.com
La Porte, TX — Ph: 713-254-0006

Onsite commissioning and acceptance testing of new installations and apparatus; or maintenance, troubleshooting, repair, and electrical testing of existing systems. Also professional electrical power engineering services to ensure the reliable, safe operation of electrical systems.

Sentinel Power Services, Inc.

www.SentinelPowerServices.com
Tulsa, OK — Ph: 800-831-9550

Sentinel Power Services is an electrical power service company servicing the Central U.S with electrical engineering studies; on-site electrical testing, preventive maintenance and repair services; and repairing, building, and installing electrical power systems.

Solid State Exchange & Repair, Inc.

www.SolidStateRepair.com
Denton, TX — Ph: 877-874-7349

Quality, reliable, on-time service and support for all brands and types of solid state power electronics including circuit breaker trip devices, protective relays, motor overload relays, and rating plugs.

Transformer Sales Co.

www.TransformerSales.com
Gainesville, TX — Ph: 940-665-4484

Offers a complete line of new, surplus, and reconditioned dry type, cast coil, and liquid filled power transformers from 1000 to 5000 kVA with primary voltages from 2400 volts to 34.5kV.

Vacuum Interrupters, Inc.

www.VacuumInterruptersInc.com
Carrollton, TX — Ph: 214-442-5877

Provides replacement vacuum interrupters (vacuum bottle interrupters) for virtually any manufacturers' medium voltage circuit breaker or contactor.

Circuit Breaker Store, Inc.

www.CircuitBreakerStore.com
Denton, TX — Ph: 855-227-8673

Your online source for all Group CBS products, a powerful solutions provider with a specialty vendor network that can supply factory new, surplus new, and reconditioned circuit breakers, electrical distribution, control equipment, parts, and remote racking equipment.

Western Electrical Services, Inc.

www.WesternElectricalServices.com
Phoenix, AZ — Ph: 888-395-2021

Serving the Southwest with superior quality on-site electrical testing, maintenance and repair services as well as rebuild, upgrade and life extension services for switchgear, circuit breakers, and motor control.

Western Electrical Services, Inc.

www.WesternElectricalServices.com
Salt Lake City, UT — Ph: 888-395-2021

The only full service electrical testing and maintenance company in the Intermountain region.

Western Electrical Services, Inc.

www.WesternElectricalServices.com
Sumner, WA — Ph: 888-395-2021

The Northwest leader in electrical testing, maintenance and power switchgear services providing on-site electrical testing and maintenance, electrical engineering studies, and sales, repair, upgrade and life extension services of circuit breakers, switchgear, motor control, and transformers. Also custom manufacturing: engineered and reverse engineered parts.

Western Electrical Services, Inc.

www.WesternElectricalServices.com
Vancouver, WA — Ph: 888-395-2021

Utility class service provider to the Northwest T&D market.

VNE Jet, Inc.

www.VNEjet.com
Henderson, NV — Ph: 702-979-1902

Inspection and maintenance services for all very light jet aircraft including the Eclipse 500.