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## Keep Water Out of Switchgear

### The Problem

Utility Substations experience ongoing problems with leaking switchgear enclosures. These enclosures, often made with bolt together steel sections, have many joints and seams exposed to weather. Water makes its way into these structures resulting in outages and other maintenance headaches.



### The Solution

**ENECON Northeast APS** has developed a long term repair process that utilizes special weatherproofing composites and coating systems to solve water entry problems. The application includes thorough surface preparation, a unique waterproofing joint/void sealant system and a refractive weatherproof coating system.

**The Sealant:** The **Viscotag** waterproofing system is comprised of a non-hardening, water and gas tight sealant which is applied to all joints, seams and voids. This is followed by application of a "flexible flashing" wrap applied over all joints and seams. [The Viscotag sealant](#) and [EZ Wrap bridging tape](#) are made with the same unique compound, which is extremely "sticky" and bonds to any clean, lightly prepared substrate. The system has proven extremely effective in sealing underground vaults, weatherproofing metal enclosures and in the protection of buried pipe and related fittings.



**The Coating:** After treating the joint areas, a three layer, roof coating system is applied to the cabinet. A first coat of **ENECON ENESEAL CR**, a one component, water based, corrosion inhibited, weatherproofing copolymer is applied to stabilize any exposed steel. This is followed by the application of two additional layers of **ENECON ENESEAL HR**, a one component, water based, heat refracting, weatherproofing membrane. The **ENESEAL** systems creates a highly flexible, breathable, seamless "skin" that keeps standing water out while allowing water vapor to escape while offering excellent weather and UV resistance. The **ENESEAL** coating offers the added benefit of heat refracting fillers that literally "shed" heat away from surfaces to greatly reducing heat build-up in protected cabinets



Are Leaking Switchgear Cabinets a Problem for You?  
Let us Help!

Check Out Our New Product: [www.UniversalHinge.com](http://www.UniversalHinge.com)

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