



See, Create, Solve

Wildlife-Caused Power Outages

“An iguana with a fatal urge to roam caused a brief power outage Thursday for 20,000 residents of Tamarac, Pompano Beach and Coral Springs. ‘The critter got into the equipment, shorted out some of our equipment,’ Florida Power & Light Co. spokesman Mayco VillafaM-qa said. ‘That happens every so often. You can't prevent that... Such incidents are not unusual,’ VillafaM-qa (went on to say). ‘In 2007, for example, animals interfering with poles and wires caused 10,000 power outages, or about 10 percent of the total. At times squirrels, birds, rats, frogs and lizards have crawled into transformers - with electrifying results.’” – *SunSentinel*, May 9, 2008

The *California Energy Commission* indicated in 2005 that “the results (of our study) lead us to conclude that the total (annual) cost of wildlife-caused outages for California ranges from \$32 million to \$317 million, depending on the assumptions of affected customers and their corresponding energy use and VOS estimates.”

The Storm Greeter™ Solution

- **Insulating Properties** – During WWI, a product known as “plastisol” was used to insulate wiring. Plastisol has a “minimum dielectric strength of 400 volts/mil in thicknesses of 3 mils and over” (Encyclopedia & Handbook of Materials, Parts and Finishes). Storm Greeter, a UV inhibited and flow rate enhanced plastisol, **is typically applied in 30 to 60 mil thicknesses.**
- **UV Resistant** – Storm Greeter beat the leading polyurethanes in UV testing – and then we added UV inhibitors.
- **Abrasion and Impact Resistant** – Storm Greeter passed EPRI’s gravel blast, blunt force and holiday tests - twice.
- **Chemical Resistant** – Storm Greeter is inert. Animal waste, such as that from buzzards, can be highly caustic. In 2013, Storm Greeter withstood a three-month, constant immersion in a 95% solution of sulfuric acid.
- **Nonflammable** – Storm Greeter will not catch fire. When exposed to fire, it will bubble and self-extinguish.
- **Watertight** – Storm Greeter seals out moisture that accumulates to cause rust and corrosion.

Storm Greeter Is Easy to Apply

- **Pre-Cured Sheets** - Storm Greeter comes in 120 to 185 mil thick, pre-cured sheets that can be cut to size and applied using our adhesive. Not only is Storm Greeter tough, our adhesive is rated up to 3,500 psi and sets in 15 minutes.
- **Liquid** - Storm Greeter comes in liquid form for coating complex shapes. To cure liquid Storm Greeter, use our portable infrared unit. This unit will cure Storm Greeter in 6 to 8 minutes. It is lightweight and safe to use. Rolling or brushing Storm Greeter onto a steel surface will yield a 30 to 60 mil thick coating. Use the infrared unit to build greater thicknesses where needed.