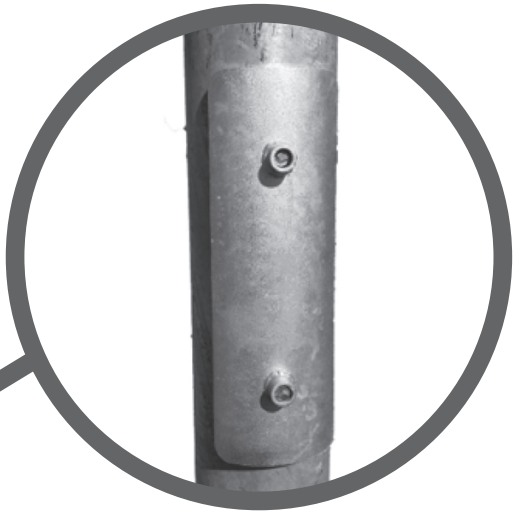
METCOV

THEFT AND VANDAL PROOF POLE COVERS



WITH METCOV



WITHOUT METCOV

DESIGNED
PATENTED
MANUFACTURED
BY

metpress

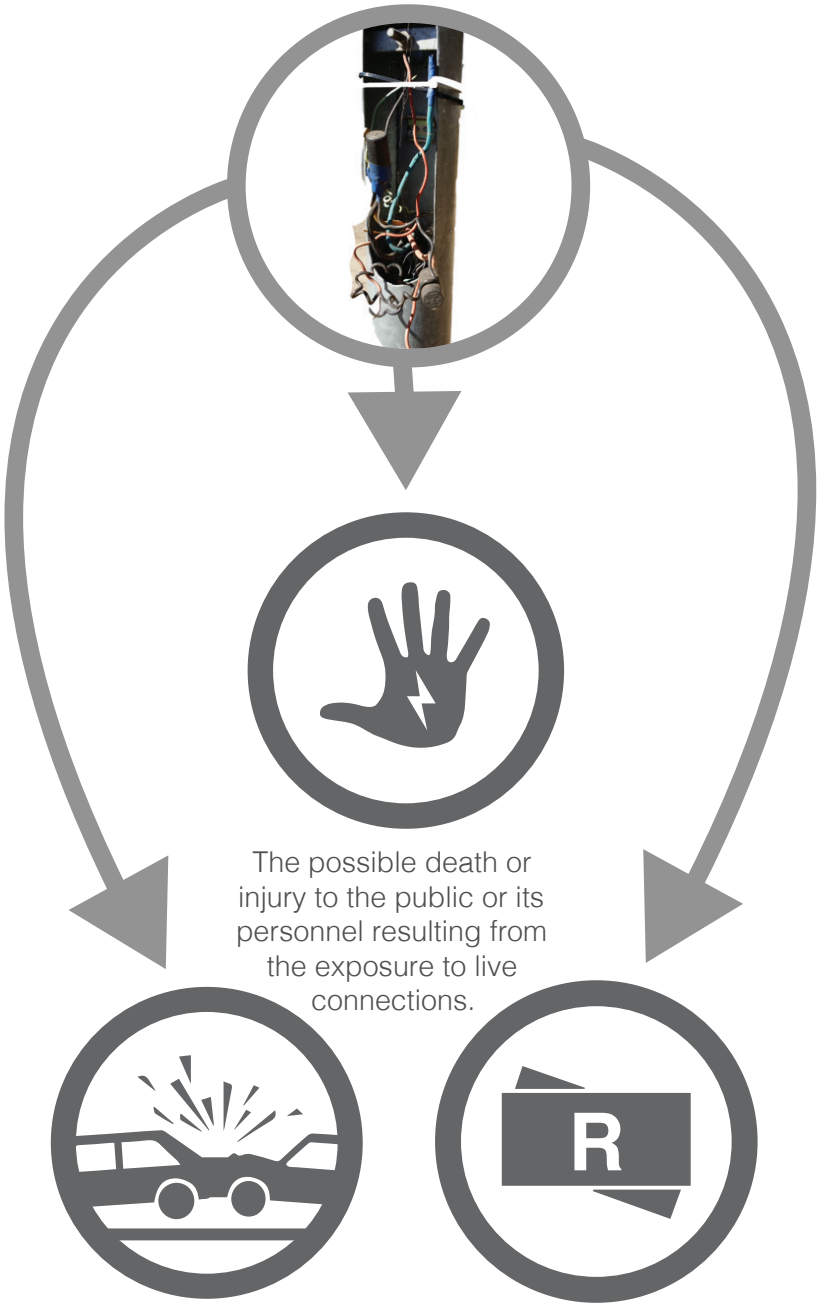
manufacturing since 1971

THE PROBLEM

The electrical utilities in South Africa, like in many other parts of the world, are beset by:

- **The theft and vandalism of its infrastructure, and**
- **The consequent theft of electricity from the vandalised infrastructure .**

Although this situation is no fault of the utility, it still remains the legal, regulatory and fiduciary obligation of the utility to effectively secure its installations to prevent :



The possible death or injury to the public or its personnel resulting from the exposure to live connections.

The possible increased incidents of motor vehicle accidents and crime due to the unavailability of the street lights at night.

The loss of revenue due to the theft of electricity from vandalised infrastructure.

Apart from the obvious negative impact that the repair/replacement has on the utilities' already limited resources and the loss of electricity sales, this type of theft and vandalism has grave regulatory and legal consequences for the utility and its personnel if it does not effectively manage this problem.

LEGAL CONSEQUENCES

A utility that is not effectively managing to secure its installations would be in legal contravention of the Occupational Health and Safety Act which very clearly stipulates **the installation must be effectively safeguarded to prevent the exposure of persons to hazardous or potentially hazardous conditions or circumstances.** The failure of the utility to do this has grave consequences for the legally appointed responsible person and/or the utility as a whole.

OHS Act - General machinery regulations:
"3. (1) Every employer or user of machinery shall-
(a) ensure that all machinery used by him, is suitable for the purpose for which it is used, and that it is installed, operated and maintained in such a manner as to prevent the exposure of persons to hazardous or potentially hazardous conditions or circumstances;
(b) in particular cause every exposed and dangerous part of machinery which is within the normal reach of a person to be effectively safeguarded by means of insulation, fencing, screening or guarding"

REGULATORY CONSEQUENCES

With respect to the regulatory implications, the utilities' failure to properly secure its installations could result in the installation being damaged or stolen. This in turn compromises the utilities ability to meet the regulatory requirements in respect of:

- NRS 047: Quality of Service
- NRS 048: Quality of Supply



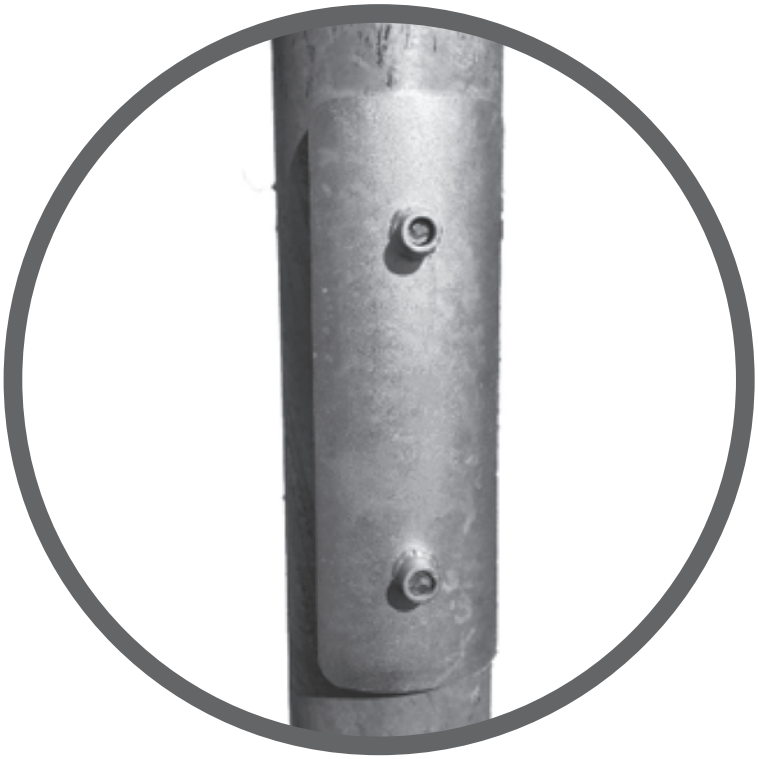
THE FAILED SOLUTIONS

Many possible solutions have been attempted over the years but they have proven to be costly, ineffective and unsustainable.



THE PROVEN SOLUTION

Metpress has spent several years developing and perfecting a pole cover that makes it near impossible to steal or vandalise. This development of the **METCOV** is so unique and revolutionary that it's been patented by Metpress.



KEY FEATURES:

- The anchoring member, together with the cover member and specifically designed stainless steel bolts prevent the horizontal / pulling movement.
- The meticulously positioned and designed lugs prevent the lateral / sliding movement.
- The precisely manufactured tool-engagable head and sleeves make it near impossible to open using pliers, spanners or the like.
- The T-bar and two legged floating spring mechanism makes the installation easy and quick

The **METCOV** is uniquely designed and manufactured using the toughest material to prevent it being stolen whils simultaneously preventing the theft of electricity, the circu breaker, cable and other components.

REFERENCE SITE:

The **METCOV** was extensively tested in the field by the electrical utilities of City Power (Johannesburg) and eThekweni (Durban). The **METCOV** has undoubtedly proven to prevent both theft and vandalism.

City Power

ETHEKWINI MUNICIPALITY



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