



ConduDisc ROI Investigated

Increase the reliability of your utility network while reducing downtime with SAE's ConduDisc Utility Ground Plate.

By using the corrosion proof ConduDisc grounding electrode instead of a traditional ground rod, you will benefit from:

IMPROVED SAFETY

during installation and network maintenance and fault performance

BETTER ASSET PROTECTION & RELIABILITY

by ensuring protection devices function as designed and reduction in resistance to ground

REDUCED INSTALLATION TIME & COSTS

from a 90% time reduction

LOWEST LIFECYCLE COST

due to elimination of typical maintenance and replacement needs

Increased Safety

Installation

Eliminated ergonomic strain associated with ground rod installation work methods.

Maintenance

Life cycle of 60 years
No rod removal or re-installation

Fault Performance

Corrosion proof
Ground plate will be intact (not corroded or stolen) to perform when its needed, 5 or 10 or 60 years from now!

Better Asset Protection & Reliability

ConduDisc has a lower resistance at install and many years later, there is no corrosion degradation or significant resistance increase over the life of the ConduDisc.

System protection functions as designed over the life of the ConduDisc.

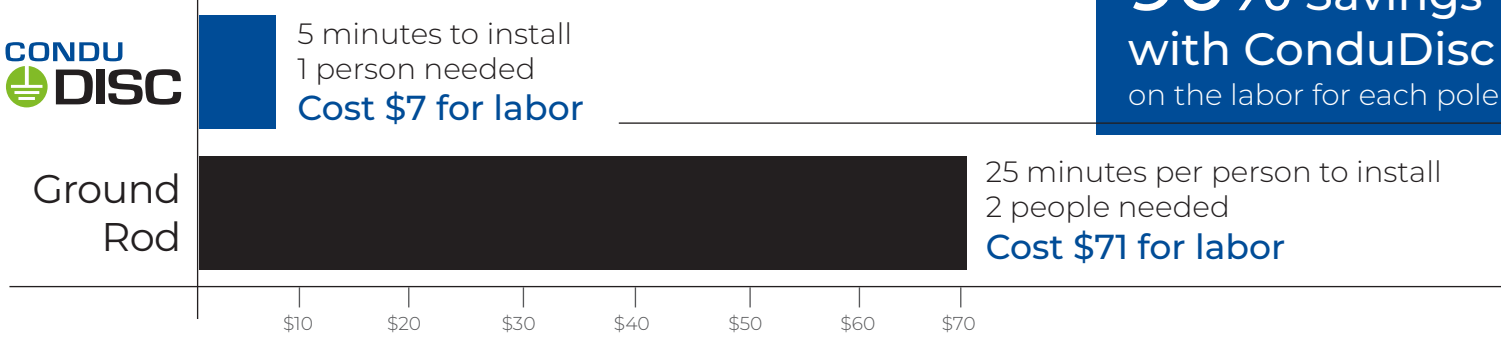
This results in improved network reliability and predictability.

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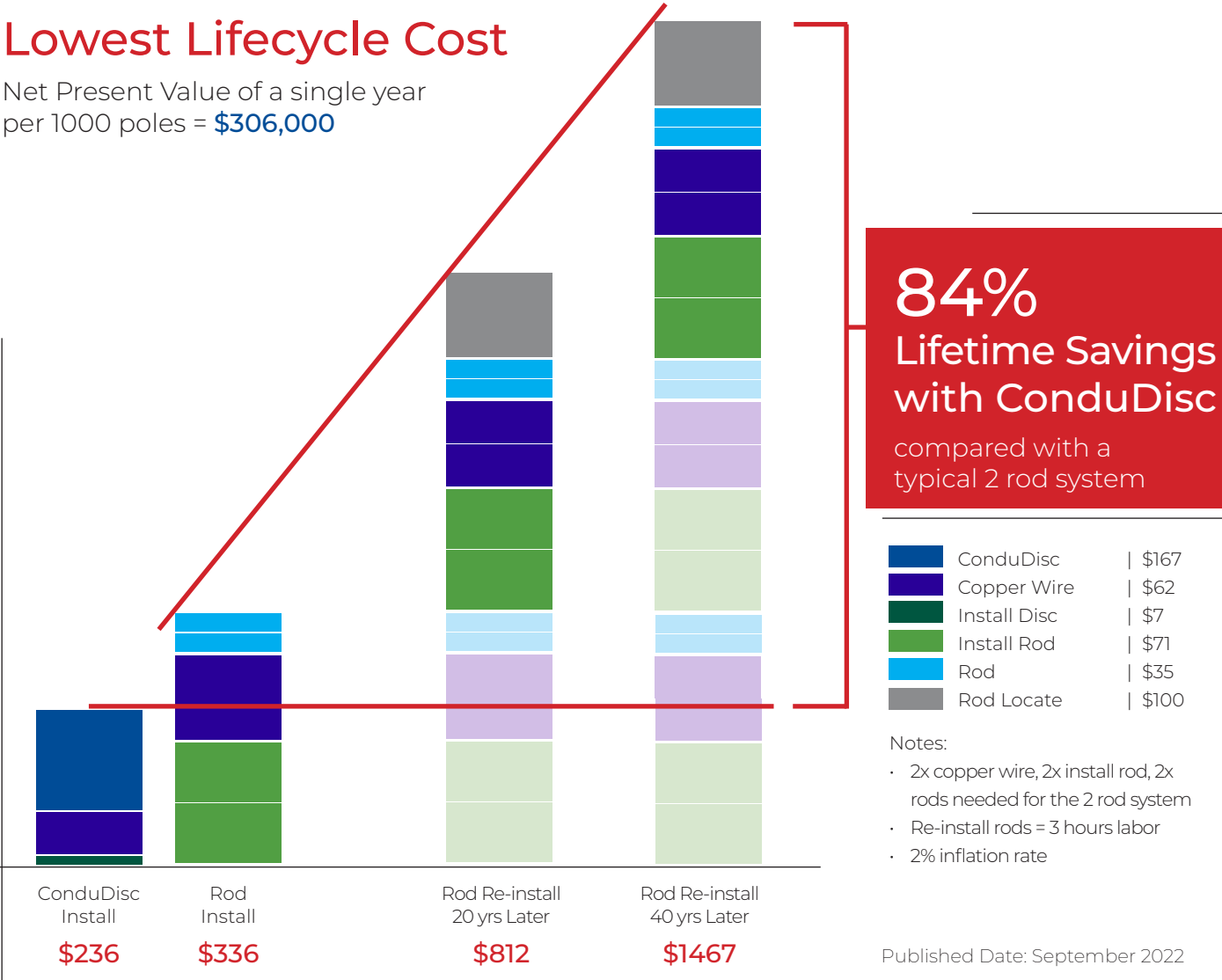
Reduced Installation Costs



90% Savings
with ConduDisc
on the labor for each pole

Lowest Lifecycle Cost

Net Present Value of a single year
per 1000 poles = **\$306,000**



84%
Lifetime Savings
with ConduDisc
compared with a
typical 2 rod system

- ConduDisc | \$167
- Copper Wire | \$62
- Install Disc | \$7
- Install Rod | \$71
- Rod | \$35
- Rod Locate | \$100

Notes:
 · 2x copper wire, 2x install rod, 2x rods needed for the 2 rod system
 · Re-install rods = 3 hours labor
 · 2% inflation rate

TOTAL COST

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