



Southwire®

RESTORE AGING UNDERGROUND CABLE TO LIKE-NEW OR BETTER CONDITION

WHAT IS CABLE REJUVENATION?

Cable rejuvenation is the injection of a fast-acting silicone fluid into strands of medium-voltage utility cables to repair and extend the life of aging infrastructure.

The fluid smoothly migrates into the conductor shield and insulation, altering the chemistry of the insulation and significantly extending cable life. With Southwire's* advanced techniques like Sustained Pressure Rejuvenation, the dielectric strength of cable increases immediately and full strength is achieved within seven to ten days.

HOW MANY CUSTOMERS HAVE USED CABLE REJUVENATION?

Over the last three decades, hundreds of utility circuit owners have rejuvenated more than 150 million feet of medium-voltage power cables. To date, fewer than 1% of the rejuvenated cables have failed in service.

WHAT CABLE REJUVENATION PROCESSES DOES SOUTHWIRE OFFER?

- Sustained Pressure Rejuvenation (includes Splice Replacement)
- Improved Unsustained Pressure Rejuvenation (Splice Flow-through)
- Combining methods (depending on the condition of each segment) often provides maximum benefit with the greatest percentage of injected segments

HOW LONG DOES IT TAKE TO INJECT A CABLE SEGMENT? DOES IT REQUIRE A SERVICE INTERRUPTION?

On a typical residential 300-foot 1/0 segment, cable injection takes less than two hours. This includes the switching, craft work, and injection. On looped systems, or where primary jumpers can be utilized, no service outage is necessary.

CAN CABLE REJUVENATION BE CLASSIFIED AS A CAPITAL EXPENSE?

Both the Federal Energy Regulatory Commission (FERC) and Rural Utilities Service (RUS) have approved Southwire's Cable Rejuvenation Services CableCURE® fluids and processes for capitalization.

WHAT IS THE COST OF CABLE REJUVENATION?

Cable rejuvenation provides an average savings of over 40% of total replacement. The economics almost always favor cable rejuvenation over replacement.

WHAT IS THE BUSINESS CASE FOR CABLE REJUVENATION?

- Increased system reliability
- Can use capital vs. O&M budget
- Lower maintenance time and expense
- Minimum disruption to the customer

WHERE CAN I FIND AN EXPERIENCED INJECTION TEAM?

Southwire's Cable Rejuvenation Services has the most qualified experts in the world.



*In 2022, Southwire Company acquired Novinium Underground.

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