

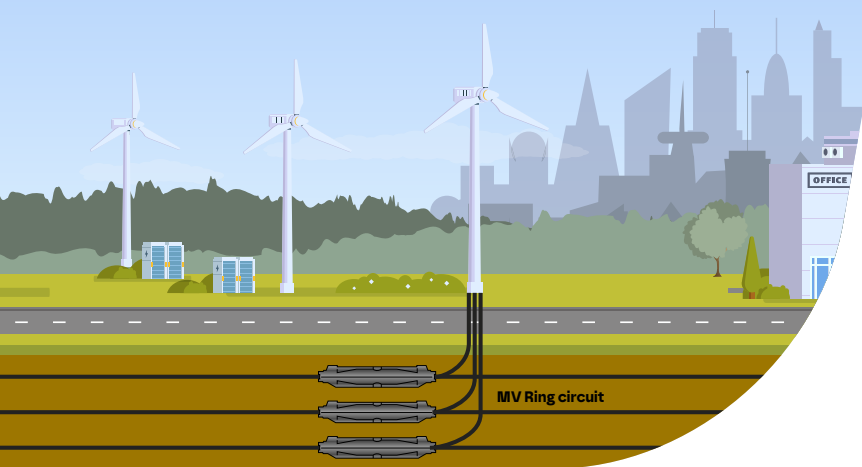


**Dedicated  
to a higher  
standard.**

Connect with Lovink

# Branch joints for Renewables

Proven jointing solutions for renewable MV networks



## From generation to grid – reliable connections

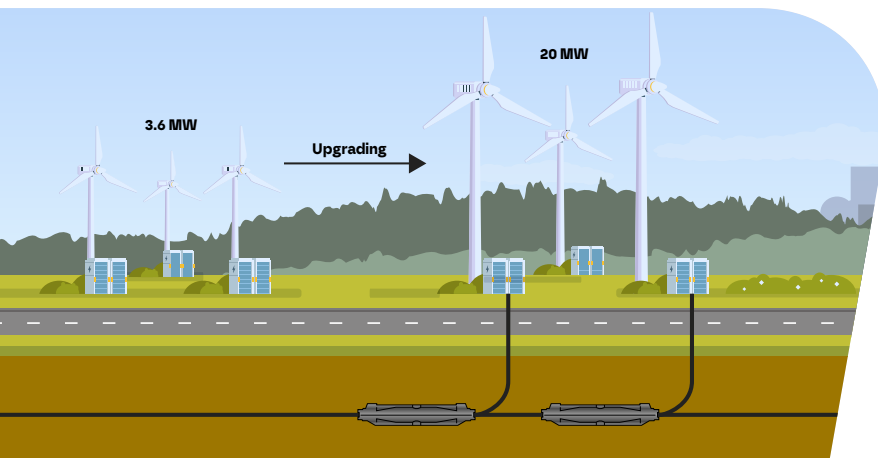
Long cable routes, higher loads and increasing harmonic frequencies require solutions that are not only technically sound, but also commercially smart. Lovink supports renewable energy projects with cable jointing solutions that safeguard performance, reduce losses and accelerate returns.

## LoviSil® Feed-in joint – fast connection to the grid

Delays in installing MV switchgear often slow down grid connection. The LoviSil® Feed-in joint enables fast, reliable grid connection, allowing wind and solar parks to be energized and start generating revenue immediately. Fully certified and 100% grid-compliant, this joint withstands high water tables and pressures up to 2 bar. Using LoviSil® insulation, it reliably handles harmonics from AC-DC inverters and other sources - minimising connection delay losses.

## LoviSil® Feed-in joint – repowering

Repowering projects introduce larger turbines and higher capacities, requiring bigger cable diameters to connect to existing MV rings. The LoviSil® Feed-in joint is engineered to connect these larger cables safely, direct and without any extra steps or materials. This solution extends the value of existing infrastructure while supporting future growth.



## LoviSil® Feed-in joints

| Voltage | Type | Cable                        | conductor size (mm²) | Diameter conductor crossed conductor (mm²) | Max. cross section for crossed cores (mm) |
|---------|------|------------------------------|----------------------|--------------------------------------------|-------------------------------------------|
| 12 kV   | KB85 | Polymeric/paper (1 core)     | 95-1.000             | N/A                                        | 82                                        |
|         |      | Polymeric/paper (3 x 1 core) | 70-240               | N/A                                        | 38                                        |
|         |      | Polymeric/paper (3 core)     | 70-240               | 95-185                                     | 82                                        |
|         | KB95 | Polymeric/paper (1 core)     | 95-1.000             | N/A                                        | 87                                        |
|         |      | Polymeric/paper (3 x 1 core) | 120-300              | N/A                                        | 40                                        |
|         |      | Polymeric/paper (3 core)     | 120-300              | 150-240                                    | 87                                        |
| 24 kV   | KB85 | Polymeric/paper (1 core)     | 70-240               | N/A                                        | 82                                        |
|         | KB95 | Polymeric/paper (1 core)     | 95-1.000             | N/A                                        | 87                                        |
|         |      | Polymeric/paper (3 x 1 core) | 120-300              | N/A                                        | 40                                        |
|         |      | Polymeric/paper (3 core)     | 120-300              | 240                                        | 87                                        |
| 36 kV   | KB95 | Polymeric/paper (1 core)     | 95-1.000             | N/A                                        | 87                                        |

Lovink joints are tested and certified in accordance with CENELEC HD 629 and IEEE 404, ensuring proven performance and reliability.

### A selection of our solutions

**LoviSil® M Series** *Universal transition and straight joint for a wide range of cable types, reliable in complex network conditions.*

**LoviSil® KB Series** *Branch joint enabling cable-saving branching in medium-voltage networks.*

**LoviSil® CB Series** *Cross-bonding joint for controlled earthing and optimal network performance.*

**LoviSil® oil refill solution** *Reliable solution for extending the service life of oil-filled cables.*

**LoviX® R Series** *Joint with cold-shrink technology for fast installation and robust performance.*

See all our solutions at  
**lovink-energetech.com**



## **Royal Lovink - Dedicated to a higher standard**

For more than a century, Lovink Enertech has delivered cable jointing solutions for medium-voltage networks where failure is not an option. What started as a family business has evolved into a trusted international partner for grid operators, the renewable energy sector and industries that demand uncompromising reliability, safety and long-term performance.

## **Specialised solutions**

When standard products are no longer sufficient, Lovink delivers specialised solutions that go further. Technically advanced, easy to install and built on trust. By combining deep expertise in electrical engineering, chemistry and mechanical engineering, we design and test cable joints that perform reliably even under extreme soil conditions, high mechanical loads and complex network environments.

## **Technology that goes further**

Technology is at the core of everything we do. With LoviSil®, Lovink sets a new benchmark in liquid silicone insulation. Combined with the mechanical strength of Protolin® resin and an extra-robust outer shell, this technology creates a watertight, mechanically strong connection built for long-term performance. It delivers durable protection and significantly reducing the risk of failures.

## **Service you can rely on**

Reliability extends beyond the product itself. With short lead times, flexible production and the ability to scale rapidly, Lovink supports projects of any size. Our global network and strong local presence ensure continuity wherever your project is located. Through the Lovink Academy, we strengthen skills and expertise with hands-on training and installation support, ensuring every installation performs exactly as intended.



## **Lovink Enertech B.V.**

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