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## Reference Projects

An insight into some of our  
renewable projects



# Markbygden Wind Farm

LoviSil® Branch Splice

Enercon  
**Sweden**



**Application:** Wind

**Voltage:** 36kV

**Cable type:** XLPE → XLPE

**Core:** 1-core → 2 x 1-core

**Diameter:** 1250kcmil → 4/0 AWG & 800 kcmil

Markbygden Wind Farm is one of Europe's largest onshore wind energy projects. LoviSil® branch splices were selected to provide reliable medium-voltage cable connections in an environment characterised by extremely low temperatures and demanding installation conditions.

*Project size: 2,007 MW | 498 turbines*



# Agerstad Solar - BESS

LoviSil® Branch Splice

European  
Energy  
Denmark



**Application:** Solar & BESS

**Voltage:** 12kV → 24kV

**Cabletype:** XLPE → XLPE

**Core:** 2 x 1-core → 1-core

**Diameter:** 2 x 800kcmil → 1250kcmil

Agerstad Solar - BESS combines solar generation and battery energy storage in a single installation. LoviSil® KB95 branch splices were used to connect medium-voltage cable circuits, providing a reliable connection between aluminium and copper cables within the 10 kV network.





# Cordal Wind Farm

LoviSil® Branch Splice

H&MV  
Ireland



**Application:** Wind

**Voltage:** 33kV

**Cable type:** XLPE → XLPE

**Core:** 1-core → 2 x 1-core

**Diameter:** 2000kcmil → 800kcmil & 1250kcmil

Located in a remote upland region of Ireland, Coral Wind Farm generates enough renewable electricity to power approximately 75,000 homes. LoviSil® MV branch splices were installed in the 33 kV collector system, providing reliable cable connections for this large-scale wind energy project.

*Project size: 89.6 MW | 28 turbines*



# Bungala Solar Farm

LoviSil® Straight Splice

Elecnor  
**Australia**



**Application:** Solar

**Voltage:** 33kV

**Cabletype:** XLPE → XLPE

**Core:** 3-core → 3 x 1-core

**Diameter:** 600kcmil → 600kcmil

Bungala Solar Farm is a utility-scale solar project in South Australia. LoviSil® 33 kV cable splices were selected for their moisture-resistant silicone insulation and termite-resistant design, providing reliable cable connections throughout the solar park.

*Project size: 220 MW | approx. 840,000 solar panels*



# Windpark Brandenburg

LoviSil® Branch Splice

Dietzel  
Germany



**Application:** Wind

**Voltage:** 20kV

**Cabletype:** XLPE → XLPE

**Core:** 1-core → 2 x 1-core

**Diameter:** 600kcmil → 2 x 4/0 AWG

Windpark Brandenburg is an onshore wind energy project in Germany. LoviSil® Branch Splices were selected to provide reliable branch connections within the 20 kV medium-voltage collector network, connecting the wind farm's electrical infrastructure.



# Tsitsikamma Wind Farm

LoviSil® Straight Splice

CBi electric  
**South Africa**



**Application:** Wind  
**Voltage:** 33kV  
**Cabletype:** XLPE → XLPE  
**Core:** 1-core → 1-core  
**Diameter:** 250kcmil, 500kcmil, 800kcmil

Tsitsikamma Community Wind Farm is a community-driven renewable energy project in South Africa, supporting both clean energy generation and local socio-economic development. LoviSil® MV splices were supplied for the 33 kV collector network, helping to create reliable medium-voltage connections throughout the wind farm.

*Project size: 95.3 MW | 31 wind turbines*





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