



## SELECTED REFERENCES

### INSTALLATION OF 3RD SUB-CONDUCTOR FOR POWER LINE 'SÜDBURGENLAND - WIEN SÜDOST', SECTION TOWER 539 - TOWER 635 (24 KM)

**Customer:** APG

**Project Start:** 08/2011

**Contract Value:** € 2,25 million

**Project End:** 01/2012

The so-called 'Burgenlandleitung', combined with the 'Steiermarkleitung', closes a substantial gap of the Austrian 380-kV-ring. It increases transmission capacities and ensures the long-term supply of energy to the country's eastern and southern regions.

VLB played a major role in the realisation of this significant power supply project. A third sub-conductor was installed on both systems of this 380-kV line. Technically

speaking, this means that a horizontal twin-conductor bundle was expanded to a triple-conductor bundle. 35 of VLB's employees were working on this project.

Two major challenges of this contract were the extraordinary approach to this project as well as extreme working conditions on a power line already under operation. The sub-conductors were installed at heights of up to 100 m – at times under harsh weather conditions.



### The work carried out by VLB Leitungsbau for this project includes the following:

Installation of 162 km of cable

Installation of 144 tension string sets

Installation of 6,530 m<sup>2</sup> of insulated scaffolding for crossing

Erection of 2,100 bird warning signs

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