

# Albania – North Macedonia Power Interconnection: Grid Section in Albania

## Project Financing

WBIF	Grant	WB6-ALB-ENE-03	€ 850,000
WBIF	Grant	WB12-ALB-ENE-01	€ 600,000
KFW	Loan		€ 50,000,000
National Contribution	Own Contribution		€ 14,044,054
WBIF	Grant	WB-IG00-ALB-ENE-01	€ 17,920,973
<b>Total</b>			<b>€ 83,415,027</b>
Total Grants			€ 19,370,973
Total Loans			€ 50,000,000

## Project Description

Significant increases in annual power load and new generation sources added to the Albanian grid have put a strain on the existing transmission system, leading to frequent interruptions in electricity supply to domestic and industrial consumers alike.

This investment project implements the Albanian part of the Albania - North Macedonia 400 kV power interconnection. The project is part of the European Commission's initiative to establish an East-West electricity transmission corridor between Bulgaria, North Macedonia, Albania, Montenegro and Italy. This corridor is intended to allow for cross-border energy exchange, efficient use of existing/planned power capacities and better load flow balancing.

The investments include:

- Construction of Fier - Elbasan - Qafe-Thane 400 kV single circuit transmission line (approximately 130 km).
- Construction of Elbasan 3 substation and reinforcement/extension of Fier substation. The new Elbasan 3 substation will comprise a 400 kV switching substation to connect the lines to Tirana 2, Zemblak, Fier and North Macedonia. In addition, two short overhead line connections with the existing substation Elbasan 2 are to be established. A shunt reactor is foreseen to be installed. In substation Fier, the existing 220 kV switchyard will be extended, and a new 400 kV switchyard will be established, accommodating an overhead line bay to Elbasan 3 and a transformer bay for the connection of one new 400/220 kV autotransformer.

The EU has provided technical assistance for project preparation and co-funds the investments under the [Connectivity Agenda](#) through the WBIF.

- **Countries:** Albania
- **Code:** PRJ-ALB-ENE-004
- **Sector:** Energy
- **Lead IFI:** KFW
- **Status:** Implementation

- **Beneficiary:** Ministry of Infrastructure and Energy; Transmission System Operator in Albania (OST sh.a)