



79,380

SAVED EMISSIONS  
TONS CO<sub>2</sub> EQ /YEAR



# Uzundere I 63.0 MW Hydroelectric Power Plant Project, Turkey

 Turkey

PROJECT-ID: 964 FZ-ID: 2222

**FOKUS  
ZUKUNFT**  


# Uzundere I 63.0 MW Hydroelectric Power Plant Project, Turkey

## Run-of-river power plant without dam on the Uzundere stream

The Uzundere I 63.0 MW hydropower project, Turkey, developed by KARADENİZ HES ELEKTRİK A.Ş., is a run-of-river power plant located in Rize province, Turkey. The project is located on the Uzundere stream.

The height of the powerhouse is 817.59 m. The project is implemented and operated by KARADENİZ HES ELEKTRİK A.Ş. The aim of the project is to generate electricity from hydropower and feed it into the national grid. The total installed capacity of the project is 63 MWe, consisting of 2 turbines, with an estimated electricity injection into the grid of 156,205 MWh per year.

The estimated amount of GHG emission reduction is 87,318 tons of CO<sub>2</sub>e per year in the registered PDD. During operation in this monitoring period, the actual net electricity generation is 811,962.21 MWh.

[For more information please click here.](#)

## Overview of the project data:



# Uzundere I 63.0 MW Hydro- electric Power Plant Project, Turkey

The project contributes to the following sustainability goals:



## Affordable and clean energy:

The project contributes to the achievement of the Sustainable Development Goal of affordable and clean energy. During the monitoring period, the project generated 811,962.21 MWh.



## Decent Work and Economic Growth:

As a contribution to SDG 8, 16 employees are employed by the project. The project provides a safe and healthy working environment for employees and does not contribute to workers being exposed to unsafe or unhealthy working conditions.



## Climate Action:

During the monitoring period, the project contributed to SDG 13 Climate Action by reducing 453,882 tons of CO<sub>2</sub>. The project contributes to the improvement of the environmental situation in the region and the country, as the avoidance of fossil fuel electricity improves air quality and reduces negative impacts on the climate.