

Kirazlık Hydroelectric Power Plant Project



Jurisdiction
Ankara, Turkey

Methodology
Avoidance

Project number
2092

Project proponent
Baren Enerji Sanayi ve Ticaret Üretim A.Ş.

Carbon standard
Verified Carbon Standard (VCS)



Project Objectives

Greenhouse Gas Emission Reduction

By displacing fossil fuel-based power generation, the project aims to significantly reduce CO₂ and other greenhouse gas emissions, supporting Turkey's efforts to mitigate climate change.

Renewable Energy Generation

The primary objective is to generate clean, renewable energy by harnessing the power of water through hydroelectric technology, contributing to Turkey's energy mix and reducing reliance on fossil fuels.

Support Local Economic Development

The project is expected to create job opportunities, improve local infrastructure, and generate economic benefits for the surrounding communities, contributing to regional development.

Promote Sustainable Development

The project aims to foster long-term environmental sustainability by utilising a renewable energy source that has minimal environmental impact, while also supporting local communities and their development.

Project Overview

The Kirazlık Hydroelectric Power Plant Project is a renewable energy initiative located in Turkey, designed to harness the power of flowing water to generate clean electricity. The project involves the construction and operation of a hydroelectric power plant at the Kirazlık site, utilizing the region's river flow to produce reliable, renewable energy. By replacing fossil fuel-based electricity generation, the project aims to reduce greenhouse gas emissions and contribute to Turkey's efforts to meet its renewable energy targets and climate goals.

The project also supports energy security by diversifying the energy mix and enhancing grid stability. Beyond its environmental benefits, the Kirazlık Hydroelectric Power Plant contributes to local economic development, creating jobs, improving infrastructure, and offering long-term sustainable benefits for the surrounding communities.

Sustainable Development Goals



Affordable and clean energy



Decent work and economic growth



Industry innovation and infrastructure



Climate action

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