



CAPELLA SOLAR, S.A. DE C.V

Client Impact



ABOUT CAPELLA SOLAR



Capella Solar is a photovoltaic power plant in El Salvador aiming to provide renewable energy solutions for the country. It is comprised of two power plants: Albireo 1 and Albireo 2. Capella Solar is operated by the French company Neoen S.A.S, one of the world's leading independent producers of renewable energy. Through this model, Neoen shares its expertise in designing, developing, and operating power plants from a variety of energy sources, including solar and wind, as well as in energy storage.

This innovative investment significantly expands El Salvador's energy matrix, reducing fossil fuel reliance. Currently, Capella Solar has the largest renewable energy-based storage facility in Central America and is the second large-scale power generator of non-conventional renewable energy in the country.

Capella Solar's expected number of photovoltaic modules:

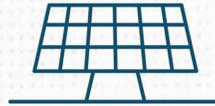
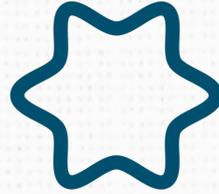
Albireo 1:
212,280

Albireo 2:
209,100

GEOGRAPHIC FOCUS



SECTORS



VISION



PARTNERING WITH CAPELLA SOLAR



IDB Invest financed Capella Solar with US\$28.1 million for the construction, operation, and maintenance of two photovoltaic power plants, including a new transmission line and related facilities. IDB Invest also provided US\$6.4 million for the installation, operation, and maintenance of a secondary Battery Energy Storage System (BESS), which is helping to better manage the power supply in the region. Through this investment, IDB Invest is supporting sustainable economic growth and the construction of resilient infrastructure, as well as contributing to tackling climate change.

This investment offered Capella Solar the opportunity to increase El Salvador's installed capacity of renewable energy, helping to diversify sources of energy generation and lower the cost of electricity. In addition, this project has helped increase private sector participation in the energy market and improved the country's competitiveness. Local communities have also benefited from this strategic partnership through social development programs and greater access to affordable energy.

INVESTMENT SNAPSHOT

Sector	Region	Project Investment	Approval Date
Infrastructure and Energy	El Salvador	US\$34.5M	2018

Targets (2024)

Installed clean power capacity	Energy generated from renewable resources
140 MW	288,000 GWH
Share of non-conventional renewable energy in the energy matrix	Greenhouse gas emission reduction
0.45%	33,400 tons of CO2

MEASURING DEVELOPMENT IMPACT



IDB Invest's [Impact Management Framework](#) is an end-to-end series of tools and practices covering the complete investment lifecycle. It allows us to build, measure, and manage a portfolio of financially sustainable investments that maximize development impact and contribute to reaching the Sustainable Development Goals (SDGs).

The SDGs are at the core of our approach. IDB Invest identifies the expected contributions of each investment to specific SDG targets upfront, and measures actual progress achieved over time.

CAPELLA SOLAR: DEVELOPMENT IMPACT RESULTS

7 AFFORDABLE AND CLEAN ENERGY



Capella Solar increases El Salvador's installed capacity of renewable energy and diversifies the country's energy matrix.

SHARE OF NON-CONVENTIONAL RENEWABLE ENERGY IN THE ENERGY MATRIX (2021):

0.50 %

8 DECENT WORK AND ECONOMIC GROWTH



Capella Solar contributes to sustainable economic growth by generating renewable energy and creating employment opportunities.

ENERGY GENERATED FROM RENEWABLE RESOURCES (2021):

297,439 GWH

DIRECT EMPLOYMENT (2021):

49

CAPELLA SOLAR: DEVELOPMENT IMPACT RESULTS

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Building two photovoltaic solar plants Capella Solar fosters innovative and sustainable infrastructure.

INSTALLED CLEAN POWER CAPACITY (2021):
140 MW

NEW POWER TRANSMISSION LINES (2021):
8.7 KM

13 CLIMATE ACTION



Capella Solar reduces greenhouse gas emissions, thus mitigating climate change and its impacts.

ANNUAL GREENHOUSE GAS EMISSIONS
REDUCTION (2021):
34,495 tons of CO2

MEASURING & MANAGING IMPACT: CAPELLA SOLAR'S DELTA IMPACT SCORE



DELTA Impact Score

The DELTA is IDB Invest's rating system for assessing the expected economic, social, and environmental impact of each investment. The **DELTA Impact Score*** is tracked and updated annually to monitor and benchmark investment performance.

Capella Solar's high DELTA Impact Score reflects the project's strong capacity to innovate in sustainable and resilient infrastructure and expand the generation and use of renewable resources, diversifying El Salvador's energy matrix. By installing a BESS, Capella Solar is improving its efficiency and capacity by addressing climate change with additional displacement of GHG emissions. This generates positive environmental outcomes by promoting changes that ensure long-term climate resiliency. The DELTA score also captures the investment's potential to create jobs, contribute to economic growth, and address energy poverty by reducing generation costs.

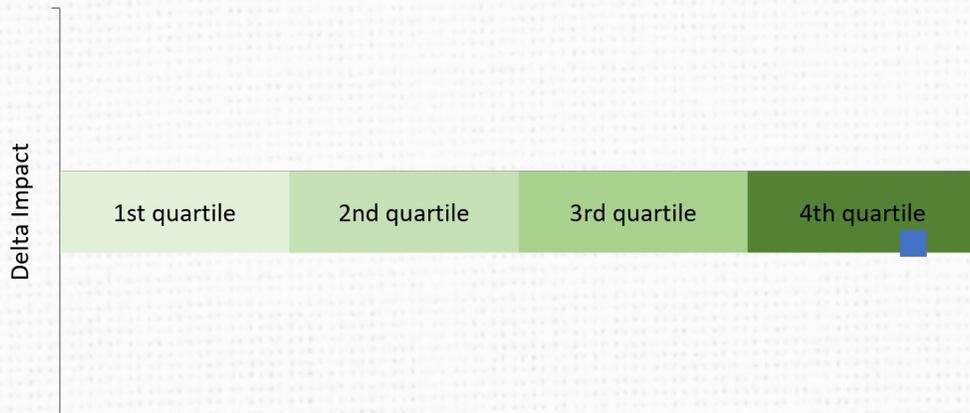
*To complement the DELTA Impact Score, IDB Invest calculates an Additionality Score to ensure that it provides financing beyond what is available in the market and that it contributes to better investment outcomes. The "DELTA Project Score" is the overall rating assigned to each project that encompasses both the DELTA Impact Score and the DELTA Additionality Score.

MEASURING & MANAGING IMPACT: CAPELLA SOLAR'S DELTA IMPACT SCORE

DELTA IMPACT SCORE



How does **Capella Solar** compare to other IDB Invest-supported energy investments?



BUILDING BLOCKS OF THE DELTA IMPACT SCORE*



Economic Analysis

Estimates the net benefits of the investment to the economy and society (Economic & Social Rate of Return).



Stakeholder Analysis

Complements the Economic Analysis by assessing the types of beneficiaries reached and the type of benefits generated.



Sustainability

Ensures that the project is financially sustainable and meets IDB Invest's ESG requirements.

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Client Impact  **DEBrief**

Managing for impact is an ongoing process.
Let's continue the conversation.



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