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:

<table>
<thead>
<tr>
<th>Plant</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albireo 1</td>
<td>212,280</td>
</tr>
<tr>
<td>Albireo 2</td>
<td>209,100</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Sector</th>
<th>Region</th>
<th>Project Investment</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infrastructure and Energy</td>
<td>El Salvador</td>
<td>US$34.5M</td>
<td>2018</td>
</tr>
</tbody>
</table>

### Targets (2024)

<table>
<thead>
<tr>
<th>Installed clean power capacity</th>
<th>Energy generated from renewable resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>140 MW</td>
<td>288,000 GWH</td>
</tr>
<tr>
<td>0.45%</td>
<td>Greenhouse gas emission reduction</td>
</tr>
<tr>
<td></td>
<td>33,400 tons of CO2</td>
</tr>
</tbody>
</table>
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 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
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

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

**ANNUAL GREENHOUSE GAS EMISSIONS REDUCTION (2021):**
34,495 tons of CO2
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.
How does Capella Solar compare to other IDB Invest-supported energy investments?

**DELTA IMPACT SCORE**

- **1st quartile**
- **2nd quartile**
- **3rd quartile**
- **4th quartile**

**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.

*To complement the DELTA Impact Score, IDB Invest computes 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 score that encompasses both the DELTA Impact Score and the DELTA Additionality Score.*
Managing for impact is an ongoing process. Let’s continue the conversation.