



PROJECT: 0577 CENACE. 1st Long Term Power Auction (SLP-1/2015) Parque Solar Villanueva 3

SECTOR:
Electricity

SUBSECTOR:
Solar Power

STAGE ANALYZED:
Operation

YEAR OF UPDATE:
2020

[Guide to read this datasheet](#) 

Project's sustainability summary: The purpose of the project consists of the operation and maintenance of a photovoltaic solar plant, located in Coahuila, for the generation of renewable electricity. Proposes social liaison plans to implement and monitor the fulfillment of commitments to improve the conditions of the communities near the project.



ECONOMIC AND FINANCIAL SUSTAINABILITY

EXAMPLE OF GOOD PRACTICES

| Sustainability criteria | NA | T1 | T2 | T3 |
|---|----|----|----|----|
| Economic and social returns | | | | |
| Creation of employment opportunities and boost local productivity | | | | |
| Financial sustainability of assets | | | | |
| Detailed risk analysis | | | | |
| Cash flow transparency and creditworthiness | | | | |
| Infrastructure asset maintenance and optimal use | | | | |
| Sustainability incentives | | | | |



ENVIRONMENTAL SUSTAINABILITY AND CLIMATE RESILIENCE

EXAMPLE OF GOOD PRACTICES

The project implements automated equipment to reduce the amount of water used in the cleaning of the solar panels.

| Sustainability criteria | NA | T1 | T2 | T3 |
|--|----|----|----|----|
| Greenhouse gas emissions | | | | |
| Climate risks, resilience and disaster risk management | | | | |
| Impacts on biodiversity and native flora and fauna in the region | | | | |
| Environmental impact of the Project | | | | |
| Control and monitoring of pollutants | | | | |
| Efficient use of resources and recycling strategies | | | | |
| Efficient use of energy and renewable sources | | | | |
| Preservation or enhancement of public spaces | | | | |



SOCIAL SUSTAINABILITY

EXAMPLE OF GOOD PRACTICES

Proposes a Communication and Liaison Plan in order to monitor the fulfillment of the commitments to improve the conditions of the community.

| Sustainability criteria | NA | T1 | T2 | T3 |
|--|----|----|----|----|
| Reduction of poverty and access to basic services | | | | |
| Integration of communities and other interested parties | | | | |
| Integration of people with disabilities or special needs | | | | |
| Effects of the project in the security of the region and in the health of workers and nearby communities | | | | |
| Compliance with human and labor rights | | | | |
| Cultural heritage and indigenous people | | | | |
| Gender inclusion and women's economic empowerment through the project | | | | |
| Equal distribution of benefits and compensations to communities | | | | |



INSTITUTIONAL SUSTAINABILITY

EXAMPLE OF GOOD PRACTICES

Considers a program to develop capacities in environmental education.

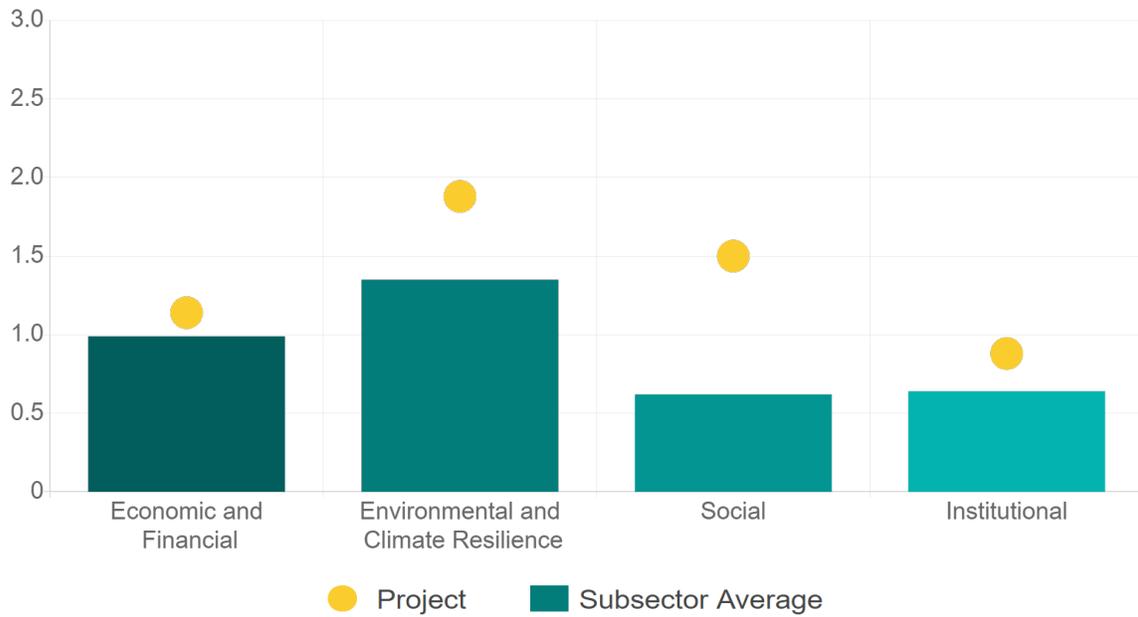
| Sustainability criteria | NA | T1 | T2 | T3 |
|--|----|----|----|----|
| Alignment with national and international strategies | | | | |
| Sectoral and institutional integration | | | | |
| Corporate sustainability, management and governance | | | | |
| Transparency and anti-corruption protocols | | | | |
| Legal requirements and compliance with social and environmental policies | | | | |
| Development of more sustainable technologies and capacities | | | | |
| Knowledge transfer in matters related to sustainability | | | | |
| Pre-existing conditions and their monitoring | | | | |

Source of this project: Contract model / Long-Term Power Auction Manual / Clearing House Operational Guide / Annual Report (ENEL) / Environmental Impact Assessment (MIA) / MIA Resolution / MIA (land use change) / MIA Resolution (land use change) / Social Impact Assessment / Sustainability Report 2019 (ENEL)



Comparison of this project vs other projects of the same subsector

(Number of projects included: 23)



Methodological framework defined by the Inter-American Development Bank (IDB)

View



PROJECT: 0577 CENACE. 1st Long Term Power Auction (SLP-1/2015) Parque Solar Villanueva 3

SECTOR:
Electricity

SUBSECTOR:
Solar Power

STAGE ANALYZED:
Operation

YEAR OF UPDATE:
2020

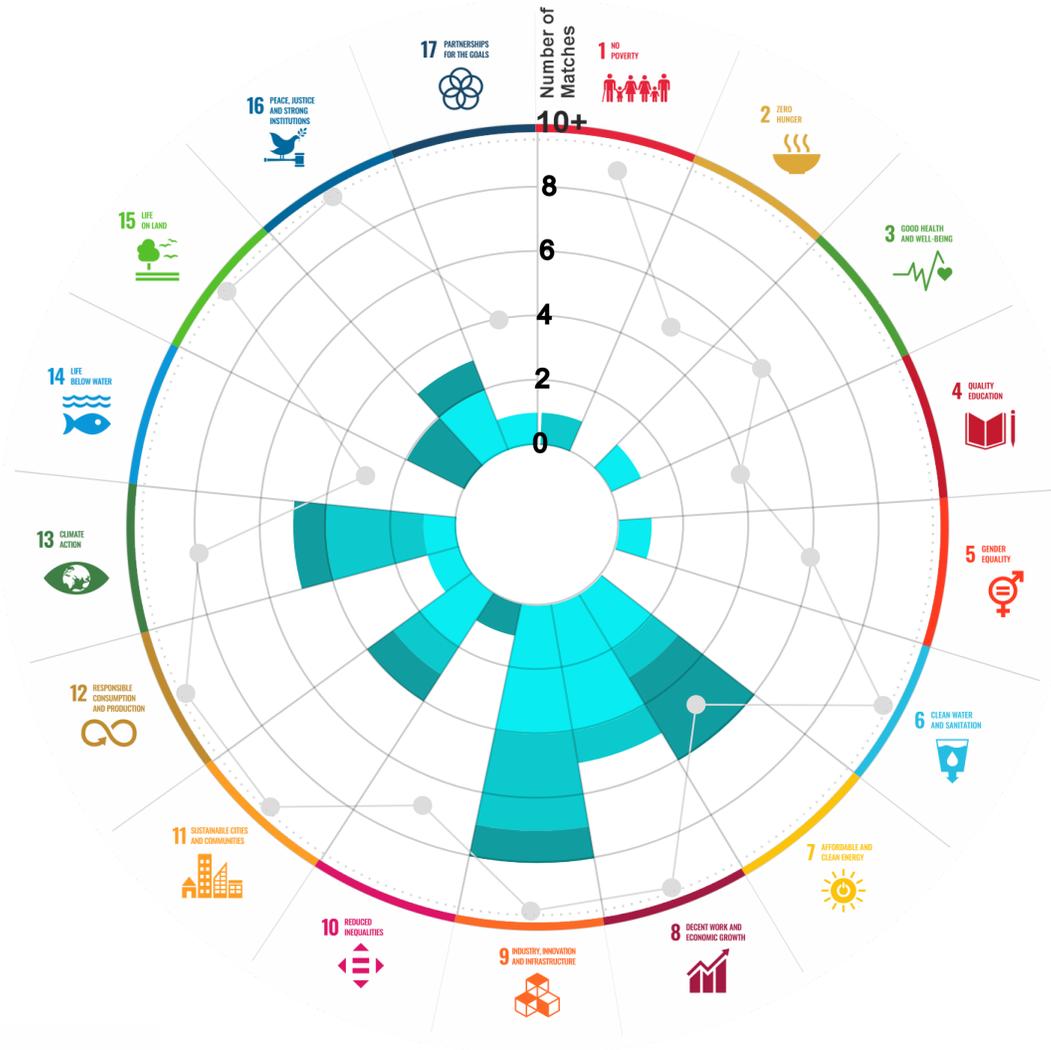
This section aims to present the potential alignment of the infrastructure project with the 17 Sustainable Development Goals (SDGs) of the 2030 Agenda. The relevance of this exercise resides in that it provides information to the actors of the infrastructure ecosystem for decision-making in investment that considers and promotes sustainable development.

Reading guide [View](#)

1. ALIGNMENT BY SUBSECTOR



2. ALIGNMENT BY SDG



3. ALIGNMENT BY CRITERIA AND TARGETS

[View](#)

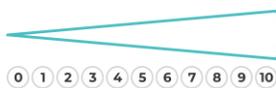


Explanation of the alignment of the sustainability criteria and the SDGs.

[View](#)



The tonality of the bars represents the level of detail of the information available from the IDB criteria and its potential alignment for each SDG, based on the scale: N.A., TIER 1, TIER 2 or TIER 3.



Number of times the project information coincides with the alignment of the IDB criteria and the SDGs.



Approximate reference to the number of maximum alignments a project can have between the IDB criteria and the targets of the SDGs.

P R O J E C T

DESIGN, CONSTRUCTION, EQUIPMENT, INSTALLATION, OPERATION AND MAINTENANCE OF A PHOTOVOLTAIC POWER PLANT IN THE STATE OF COAHUILA.

SECTOR: ELECTRICITY
SUBSECTOR: SOLAR POWER

| | | | |
|----------------------------|---|--------------------------|--|
| Type of Investment: | Brownfield | | |
| Power Auction: | SLP-1/2015: First Long Term Power Auction | | |
| Short Name of the Project: | 0577 CENACE. 1st Long Term Power Auction (SLP-1/2015) Parque Solar Villanueva 3 | | |
| Contract Currency: | Estimated Investment MXN | Estimated Investment USD | Exchange rate (USD/MXN) used by the Ministry of Finance for the economic plan 2023 \$ 20.6 |
| Mexican Pesos MXN | \$ 6,790,000,000 | \$ 329,611,650 | |

DESCRIPTION

The project consists of the design, construction, equipment, installation, operation and maintenance of "Solar Villanueva 3" photovoltaic power plant with a total production capacity of 275 MW in the state of Coahuila. The plant has the following features:

Power Zone: National
Export Subarea: "Norte"
Price Area: Laguna
Interconnection Zone: ANDALUCIA AND-230

Contract Scope: Design, Construction, Equipment, Installation, Operation, Maintenance

| | | | | | |
|-------------------|------------|--------------------|-------------------------|-------|----------|
| Type of Project: | Private | Selection Process: | Public Auction | Term: | 15 years |
| Type of Contract: | Assignment | Payment Source: | Project revenues / Rate | | |

Asset (s): Solar Farm 275 MW

GEOLOCATION



SPONSOR



Entity
Privado

Department
Enel Green Power México

TIMELINE



Email: proyectosmexico@banobras.gob.mx



SHCP
SECRETARÍA DE HACIENDA
Y CRÉDITO PÚBLICO

BANOBRAS
BANCO NACIONAL DE OBRAS
Y SERVICIOS PÚBLICOS S.N.C.