

PROJECT: 0220 CFE: Northeast Combined Cycle Power Plant

SECTOR:
Electricity

SUBSECTOR:
Thermic Power

STAGE ANALYZED:
Operation

YEAR OF UPDATE:
2020

[Guide to read this datasheet](#) 

Project's sustainability summary: The Project consists of the construction and operation of a combined cycle thermoelectric plant that, with the use of natural gas as fuel, will allow for greater energy efficiency and, consequently, the reduction in gas emissions .

ECONOMIC AND FINANCIAL SUSTAINABILITY

EXAMPLE OF GOOD PRACTICES
The Project considers materials and designs to prevent and mitigate meteorological risks.

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 includes a study of its GHG tonnage emitted and reduced, annually, as well as a program to monitor them during the operation phase.

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

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

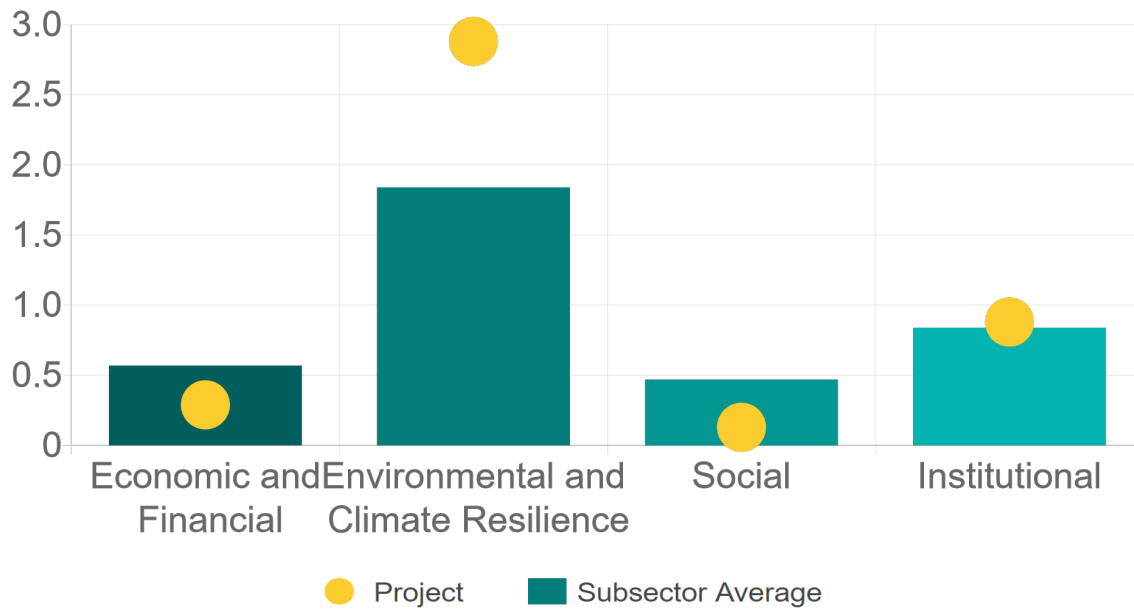
EXAMPLE OF GOOD PRACTICES
The Developer has the Environmental Excellence Certification issued by the PROFEPA, which in turn is routed with the SDG 13.

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: Environmental Impact Statement for the Northeast Combined Cycle Central (Escobedo) / Environmental Impact Statement Decision for the Northeast Combined Cycle Central (Escobedo) / Iberdrola Generación México: Code of Ethics / Iberdrola Generación México Certificate of Environmental Excellence / CFE Comprehensive System for Citizen Complaints / Iberdrola Policy against Corruption and Fraud

Comparison of this project vs other projects of the same subsector

(Number of projects included: 4)



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

[View](#)



PROJECT: 0220 CFE: Northeast Combined Cycle Power Plant

SECTOR:
Electricity

SUBSECTOR:
Thermic Power

STAGE ANALYZED:
Operation

YEAR OF UPDATE:
2020

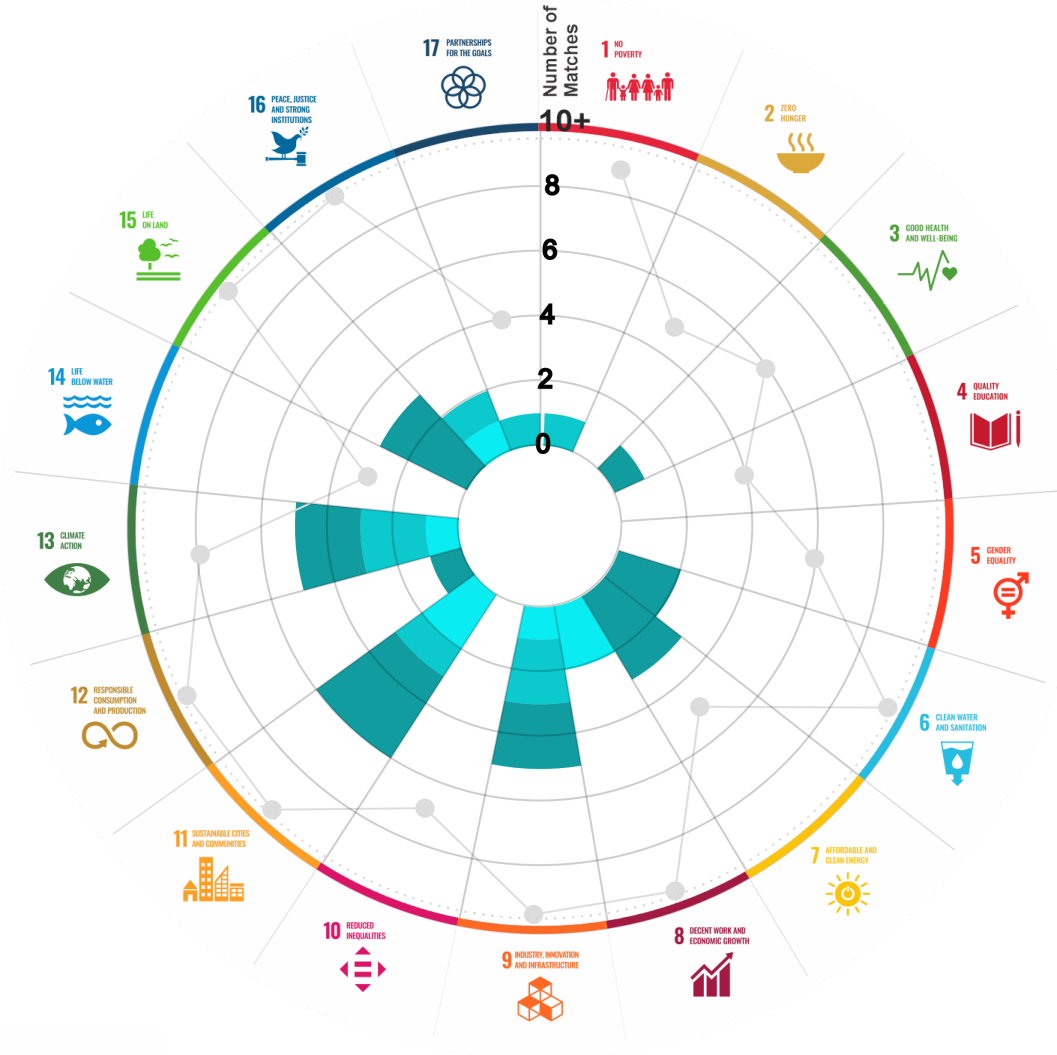
This section aims to present the potential alignment of the infrastructure project with the 17 Sustainable Development Goals (SDGs) of the 2030 Agenda. The relevance of this exercise resides in that it provides information to the actors of the infrastructure ecosystem for decision-making in investment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

Reading guide [View](#)

1. ALIGNMENT BY SUBSECTOR



2. ALIGNMENT BY SDG



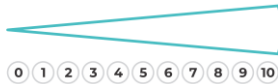
3. ALIGNMENT BY CRITERIA AND TARGETS

[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 THE COMBINED CYCLE POWER PLANT "NORESTE", IN THE STAE OF NUEVO LEON.

SECTOR: ELECTRICITY
SUBSECTOR: THERMIC POWER

Type of Investment: Brownfield

Short Name of the Project: 0220 CFE: Northeast Combined Cycle Power Plant

Contract Currency:
US Dollars USD

Estimated Investment MXN
\$ 7,116,428,805

Estimated Investment USD
\$ 345,457,709

Exchange rate (USD/MXN) used by the Ministry of Finance for the economic plan 2023 \$ 20.6

DESCRIPTION

Design, construction, equipment, installation, operation and maintenance of a combined cycle power plant with net capacity of 888 MW, in Monterrey, Nuevo León.

The plant will include :

- 2 gas turbines.
- 2 heat recovery systems.
- 1 steam turbine.
- 1 cooling system that considers the use of air-condensers.

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

Type of Project: Public / Private

Selection Process: International Open Tender

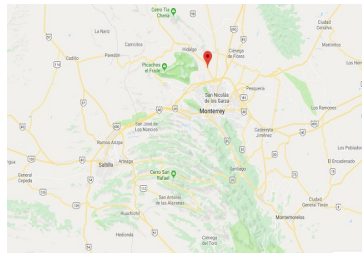
Term: 25 years

Type of Contract: Provision of services

Payment Source: Project revenues / Rate

Asset (s): Combined Cycle Power Plant 888 MW

GEOLOCATION



SPONSOR

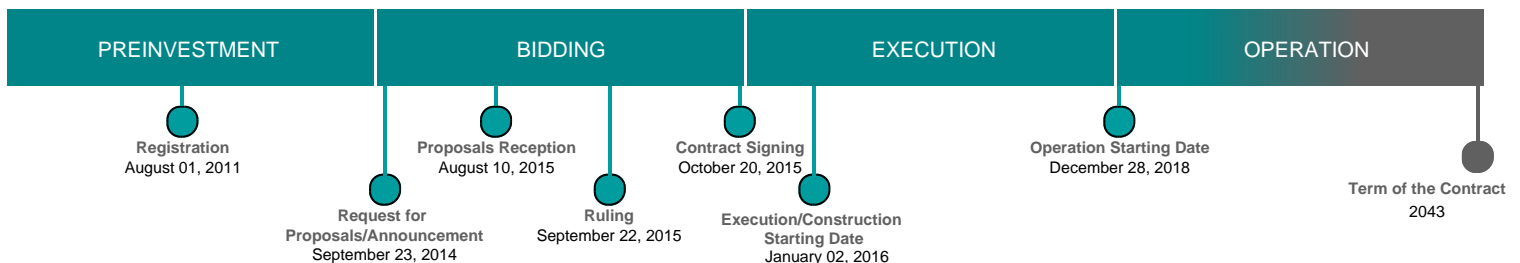
Entity

Comisión Federal de Electricidad

Department

Gerencia de Licitación y Contratación de Proyectos de Inversión Financiada

TIMELINE



Email: proyectosmexico@banobras.gob.mx



SHCP
SECRETARÍA DE HACIENDA
Y CRÉDITO PÚBLICO

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