

NS-191 - Combined cycle power plant in the coastal area

Syrian Arab Republic

NAMA Seeking Support for Implementation

A Overview

A.1 Party

Syrian Arab Republic

A.2 Title of Mitigation Action

Combined cycle power plant in the coastal area

A.3 Description of mitigation action

The purpose of the project is to design , manufacture, supply, transportation, insurance, testing and implementation of civil works, installation and operation of machinery and equipment needed for establishing a combined cycle power plant in the coastal area with capacity of 350 MW \pm 10% . This plant works on natural gas as primary fuel or fuel oil . as secondary fuel. .

the project includes installation of a station for receiving, storage, treatment and transport of liquefied gas with capacity of 5 million cubic meters per day, in addition to supply of spare parts and equipments needed, and conducting of a training program to ensure operating and investment securely.

A.4 Sector

Energy supply
 Residential and Commercial buildings
 Agriculture
 Waste management
 Transport and its Infrastructure
 Industry
 Forestry

Other

A.5 Technology

Bioenergy
 Energy Efficiency
 Hydropower
 Wind energy
 Carbon Capture and Storage
 Land fill gas collection
 Cleaner Fuels
 Geothermal energy
 Solar energy
 Ocean energy
 Low till / No till

Other

A.6 Type of action

National/ Sectoral goal
 Strategy
 National/Sectoral policy or program
 Project: Investment in machinery
 Project: Investment in infrastructure
 Project: Other

Other

A.7 Greenhouse gases covered by the action

CO2
 N2O
 PFCs
 CH4
 HFCs
 SF6

Other

B National Implementing Entity

B.1.0 Name Public Establishment for Electrical Generation
B.1.1 Contact Person 1 Dr. Eng. Mohamad Mousa Alsad
B.1.2 Address Damascus
B.1.3 Phone +963112129791/+963937710718
B.1.4 Email mhmdalsaad@gmail.com
B.1.5 Contact Person 2
B.1.6 Address
B.1.7 Phone
B.1.8 Email
B.1.9 Contact Person 3
B.1.10 Address
B.1.11 Phone
B.1.12 Email
B.1.13 Comments

C Expected timeframe for the implementation of the mitigation action

C.1 Number of years for completion 3
C.2 Expected start year of implementation 2015

D Currency

D.1 Used Currency
Conversion to USD: 1

E Cost

E.1.1 Estimated full cost of implementation 350000000
E.1.2 Comments on full cost of implementation
E.2.1 Estimated incremental cost of implementation
E.2.2 Comments on estimated incremental cost of implementation

F Support required for the implementation the mitigation action

F.1.1 Amount of Financial support 210000000
F.1.2 Type of required Financial support
 Grant Guarantee
 Loan (sovereign) Equity
 Loan (Private) Carbon finance
 Concessional loan
 Other
F.1.3 Comments on Financial support
F.2.1 Amount of Technological support
F.2.2 Comments on Technological support
F.3.1 Amount of capacity building support 3500000
F.3.2 Type of required capacity building support
 Individual level
 Institutional level
 Systemic level
 Other
F.3.3 Comments on Capacity Building support
F.4 Financial support for implementation required

F.5 Technological support for implementation required

F.6 Capacity Building support for implementation required

G Estimated emission reductions

G.1 Amount 0.387090

G.2 Unit

G.3 Additional information (e.g. if available, information on the methodological approach followed)

H Other indicators

H.1

I Other relevant information

I.1 Other relevant information including co-benefits for local sustainable development

Meet the needs of the Syrian citizens without compromising the right of future generations to live in clean environment

Economic and social development while preserving the natural sources of wealth

Raise national income and the development of industrial enterprises

J Relevant National Policies strategies, plans and programmes and/or other mitigation action

J.1 Relevant National Policies

The Contract system No. 51/2004

The investment plans(Five-Year Plans..)

The national Comprehensive development programs

Environmental Law No 12/2012

J.2 Link to other NAMAs

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K Attachments

K Attachments

K.1 Attachment description

K.2 File

L Support received

L.1 Outside the Registry

L.2 Within the Registry