



Egypt - Wind Power Development Project (P113416)

MIDDLE EAST AND NORTH AFRICA | Egypt, Arab Republic of | Energy & Extractives Global Practice |
IBRD/IDA | Investment Project Financing | FY 2010 | Seq No: 17 | ARCHIVED on 12-Jun-2018 | ISR32682 |

Implementing Agencies: ARAB REPUBLIC OF EGYPT, Egyptian Electricity Transmission Company, Egyptian Electricity Transmission Company

Key Dates

Key Project Dates

Bank Approval Date:15-Jun-2010

Effectiveness Date:14-Aug-2011

Planned Mid Term Review Date:27-Mar-2016

Actual Mid-Term Review Date:16-Mar-2016

Original Closing Date:31-Dec-2015

Revised Closing Date:30-Jun-2019

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project development objective is to develop infrastructure and business models for scaling-up wind power in Egypt.

Has the Project Development Objective been changed since Board Approval of the Project Objective?

Yes

Board Approved Revised Project Development Objective (If project is formally restructured)

The project development objective is to develop business models and required transmission facilities for scaling-up wind power in Egypt, and increase transmission capacity in targeted areas.

Components

Name

Transmission Infrastructure:(Cost \$70.00 M)

Technical Assistance to support the expansion of Egypt's wind generation program:(Cost \$1.75 M)

Gulf of Suez 250 MW BOO Project

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	● Moderately Satisfactory	● Moderately Satisfactory
Overall Implementation Progress (IP)	● Moderately Satisfactory	● Moderately Satisfactory
Overall Risk Rating	● Substantial	● Substantial



Implementation Status and Key Decisions

Project relevance. The project development objective remains relevant due to the need for increased transmission capacities to scale-up renewable energy development in Egypt.

Overall Project Implementation: The project progress towards achieving its Development Objective is rated Moderately Satisfactory. Progress of the main components is as follows: (i) construction of the Suez Gulf/Samalaut 500 kV transmission line is complete; and (ii) The Project Agreements for the 250 Wind BOO were signed on October 31, 2017 following attainment of all the Conditions Precedent including Finance Close.

Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	--	● Moderate	● Moderate
Macroeconomic	--	● Substantial	● Substantial
Sector Strategies and Policies	--	● Moderate	● Moderate
Technical Design of Project or Program	--	● Moderate	● Moderate
Institutional Capacity for Implementation and Sustainability	--	● High	● High
Fiduciary	--	● Moderate	● Moderate
Environment and Social	--	● Moderate	● Moderate
Stakeholders	--	● Moderate	● Moderate
Other	--	● High	● Moderate
Overall	--	● Substantial	● Substantial

Results

Project Development Objective Indicators

► Increase in transmission infrastructure capacity to evacuate 3,000 MW of wind power (Gigawatt, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1.50	1.50	3.00
Date	15-Sep-2010	30-Oct-2017	17-May-2018	30-Jun-2019

Comments

Construction progress of the main transmission line (the Suez Gulf/Samalaut 500 kV), which accounts for about 40% of the total infrastructure, is completed. Additional contracts totaling about US\$54.0 million have been signed



► Financial close of first private sector investment in wind power (250MW) (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	Y	Y	Y
Date	15-Sep-2010	31-Oct-2017	17-May-2018	30-Jun-2019

Comments

The Project Agreements were signed October 31, 2017 following attainment of all Conditions Precedent including Finance Close. The project implementation is expected to take 18-24 months. The project structuring and contract documents developed with the support of the project have created further interest in the Egypt wind development; additional proposals for a combined capacity of about 570MW have been submitted for consideration, accepting the same terms and conditions.

► Projected GHG emission (MT annually) reductions from 750MW of new wind capacity (Metric ton, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.38	0.38	0.38	0.82
Date	15-Sep-2010	30-Oct-2017	17-May-2018	30-Jun-2019

Comments

No new RE capacity has been commissioned under the project.

► Direct project beneficiaries (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,466,422.00



Date	15-Sep-2010	30-Oct-2017	17-May-2018	30-Jun-2019
------	-------------	-------------	-------------	-------------

Female beneficiaries (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	49.00

Overall Comments

Intermediate Results Indicators

Contract 500 kV transmission line from Suez Gulf to Samallout (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	100.00
Date	15-Sep-2010	30-Oct-2017	17-May-2018	30-Jun-2019

Comments

Line construction completed March 2017.



► Install a new 500kV/220kV transformer at Samallout (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	100.00
Date	15-Sep-2010	30-Oct-2017	17-May-2018	30-Jun-2019

Comments

Substation construction completed.

► Construct 220KV transmission line from Ras Gharib to Gabel El-Zait (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	10.00	10.00	100.00
Date	15-Sep-2010	30-Oct-2017	17-May-2018	30-Jun-2019

Comments

Contract signed 13-May-18.

► Construct 220 kV transmission line from North Hurghada to El-Qusair (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	10.00	10.00	100.00
Date	15-Sep-2010	30-Oct-2017	17-May-2018	30-Jun-2019

Comments

Contract signed 13-May-18



► Transmission lines constructed or rehabilitated under the project (Kilometers, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	280.00	280.00	429.00
Date	15-Sep-2010	30-Oct-2017	17-May-2018	30-Jun-2019

Comments

Contract for the supply of additional line materials signed 10-May-18.

► Bid Document for first BOO developed (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	Y	Y	Y
Date	15-Sep-2010	06-Jun-2017	17-May-2018	30-Jun-2019

Comments

Completed.

► Procedures developed for wind power integration by system operator (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	Y	Y	Y
Date	15-Sep-2010	06-Jun-2017	17-May-2018	30-Jun-2019

Comments

Completed.



► Displacement of Diesel Generation (Gigawatt-hour (GWh), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	87.60
Date	15-Sep-2010	30-Oct-2017	17-May-2018	30-Jun-2019

Comments

No new Wind based generation has been commissioned todate.

► Progress in implementing 750MW Wind Power Competitive Bidding Program (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	105.00	105.00	100.00
Date	15-Sep-2010	03-Nov-2017	17-May-2018	30-Jun-2019

Comments

Completed with Finance Close.

► Grievance Redress Mechanism In-place (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	Y	Y	Y
Date	15-Sep-2010	03-Nov-2017	17-May-2018	30-Jun-2019

Comments

This was put-in place for the construction of the 280km,500KV Ras Gharib-Samalaut transmission line.

Overall Comments



Data on Financial Performance

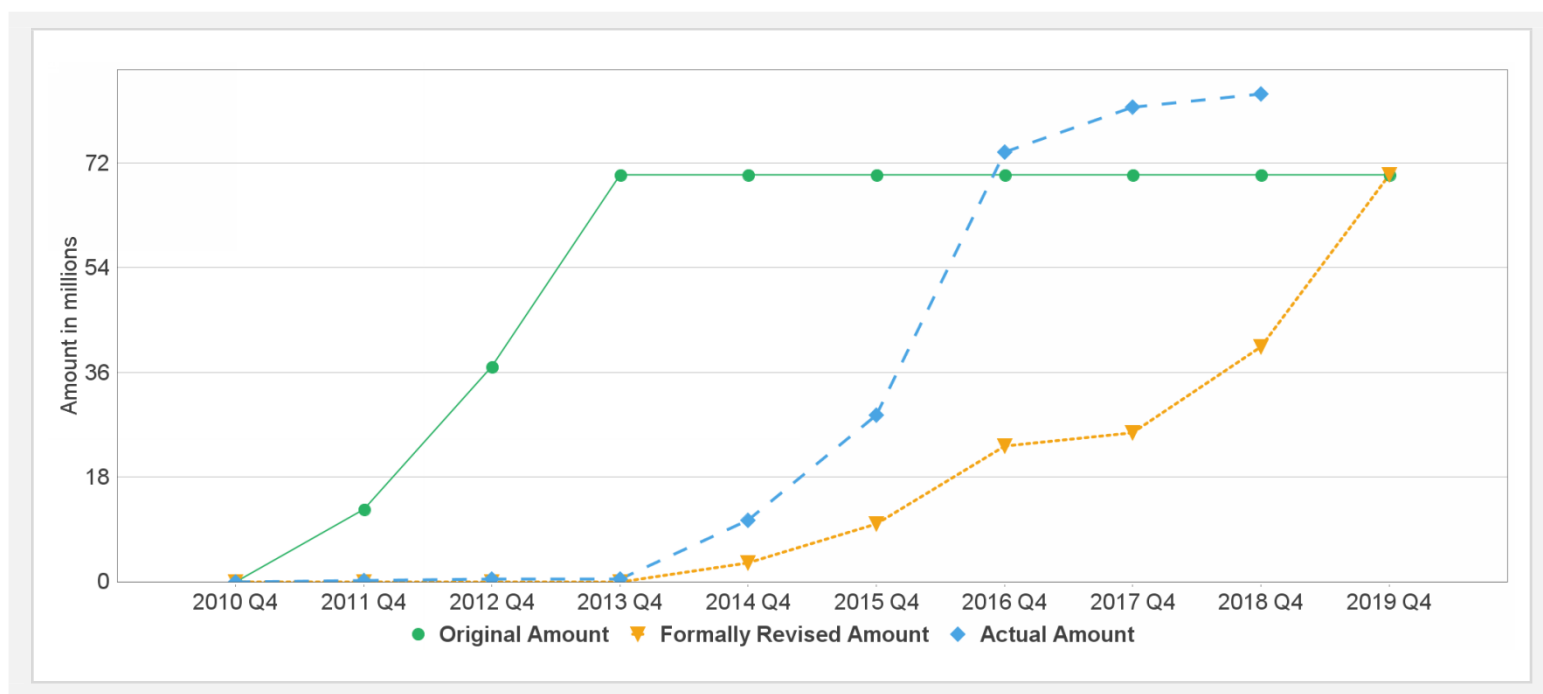
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P113416	IBRD-79270	Effective	USD	70.00	70.00	0.00	26.28	43.72	38%
P113416	TF-95224	Closed	USD	0.49	0.49	0.00	0.49	0.00	100%
P113416	TF-96929	Effective	USD	0.25	0.25	0.00	0.00	0.25	0%
P113416	TF-96930	Effective	USD	149.75	149.75	0.00	57.12	92.63	38%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P113416	IBRD-79270	Effective	15-Jun-2010	04-Nov-2010	14-Aug-2011	31-Dec-2015	30-Jun-2019
P113416	TF-95224	Closed	03-Jan-2010	04-Jan-2010	04-Jan-2010	30-Jun-2011	30-Jun-2012
P113416	TF-96929	Effective	04-Nov-2010	04-Nov-2010	14-Aug-2011	31-Dec-2015	28-Jun-2019
P113416	TF-96930	Effective	15-Jun-2010	04-Nov-2010	14-Aug-2011	31-Dec-2015	28-Jun-2019

Cumulative Disbursements





Restructuring History

Level 1 Approved on 10-Jul-2014 ,Level 2 Approved on 20-Dec-2017

Related Project(s)

There are no related projects.
