



West Bank and Gaza Electricity Sector Performance Improvement Project (P148600)

MIDDLE EAST AND NORTH AFRICA | West Bank and Gaza | Energy & Extractives Global Practice |
Special Financing | Investment Project Financing | FY 2018 | Seq No: 9 | ARCHIVED on 26-Dec-2021 | ISR49153 |

Implementing Agencies: Palestinian Energy and Natural Resources Authority (PENRA), Palestinian Liberation Organization (for the Benefit of the Palestinian Authority)

Key Dates**Key Project Dates**

Bank Approval Date: 27-Jul-2017

Effectiveness Date: 16-Jan-2018

Planned Mid Term Review Date: 01-Mar-2022

Actual Mid-Term Review Date:

Original Closing Date: 20-Dec-2023

Revised Closing Date: 20-Dec-2023

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project Development Objective is to enhance institutional capacity of the energy sector, improve efficiency of the distribution system in targeted areas, and pilot a new business model for solar energy service delivery in Gaza.

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 improve operational performance of electricity sector institutions, and pilot a new business model for solar energy in Gaza.

Components Table

Name

Component 1 - Strengthening the Capacity of Palestinian Electricity Sector Institutions, PETL and PERC:(Cost \$5.00 M)

Component 2 - Improving the operational performance of Palestinian electricity Distribution Companies (DISCOs):(Cost \$13.20 M)

Component 3 - Improving Energy Security in Gaza with Solar Energy:(Cost \$3.10 M)

Component 4 - Technical Assistance, Capacity Building, and Project Management:(Cost \$1.70 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Satisfactory	<input type="checkbox"/> Satisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Satisfactory
Overall Risk Rating	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate

Implementation Status and Key Decisions

The progress towards achievement of the project development objective is satisfactory and implementation progress moderately satisfactory. Implementation of Component 1 'Strengthening the Capacity of Palestinian Electricity Sector Institutions, PETL is nearing



completion. Implementation of Component 2. Improving the Operational Performance of Palestinian Electricity Distribution Companies (DISCOs) Component 3. Improving Energy Security in Gaza with Solar Energy and Component 4 'Technical Assistance, Capacity Building and Project Management' are ongoing and progressing. The COVID-19 pandemic is continuing to cause delays in the overall implementation progress and will continue to be closely monitored.

Risks

Systematic Operations Risk-rating Tool

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

Results

PDO Indicators by Objectives / Outcomes

Improve operational performance of Electricity Sector Institutions				
▶ PETL collection rate (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	90.00
Date	03-Jul-2017	21-Jun-2021	10-Dec-2021	20-Dec-2023
Comments:	Collection rate is defined as the Total collected revenue against the Total billed revenue by PETL.			
▶ Electricity losses per year in West Bank DISCOs (Percentage, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	23.00	21.00	21.00	19.00
Date	03-Jul-2017	21-Jun-2021	10-Dec-2021	20-Dec-2023

Pilot a new business model for solar energy in Gaza

▶ Lessons learned report (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1.00	1.00	3.00
Date	03-Jul-2017	21-Jun-2021	10-Dec-2021	20-Dec-2023

▶ Total installed rooftop solar PV systems (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	19.00	19.00	150.00
Date	03-Jul-2017	21-Jun-2021	10-Dec-2021	20-Dec-2023

□ Installed solar PV systems for SMEs (Number, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00

□ Installed solar PV systems in female headed households and SMEs (Number, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2.00	2.00	15.00

Intermediate Results Indicators by Components

Component 1 - Strengthening the Capacity of Palestinian Electricity Sector Institutions, PETL and PERC

▶ Number of electricity connection points metered (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00
Date	15-Jan-2019	21-Jun-2021	10-Dec-2021	20-Dec-2023



▶ Number of audits completed by PERC (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2.00
Date	03-Jul-2017	21-Jun-2021	10-Dec-2021	20-Dec-2023

Component 2 - Improving the operational performance of Palestinian electricity Distribution Companies (DISCOs)				
▶ Number of Smart meters installed (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	16,700.00
Date	03-Jul-2017	21-Jun-2021	10-Dec-2021	20-Dec-2023
▶ Number of DISCOs with fully operational Management Information Systems (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5.00
Date	03-Jul-2017	21-Jun-2021	10-Dec-2021	20-Dec-2023

Component 3 - Improving Energy Security in Gaza with Solar Energy				
▶ Rate of response to grievances received related to the project (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	100.00
Date	05-Jun-2017	21-Jun-2021	10-Dec-2021	20-Dec-2023
▶ Installed solar PV systems in health facilities (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	8.00	8.00	19.00
Date	03-Jul-2017	21-Jun-2021	10-Dec-2021	20-Dec-2023
▶ Installed solar PV systems for schools (Number) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	7.00



Date	15-Mar-2021	21-Jun-2021	10-Dec-2021	29-Dec-2023
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Performance-Based Conditions

Data on Financial Performance

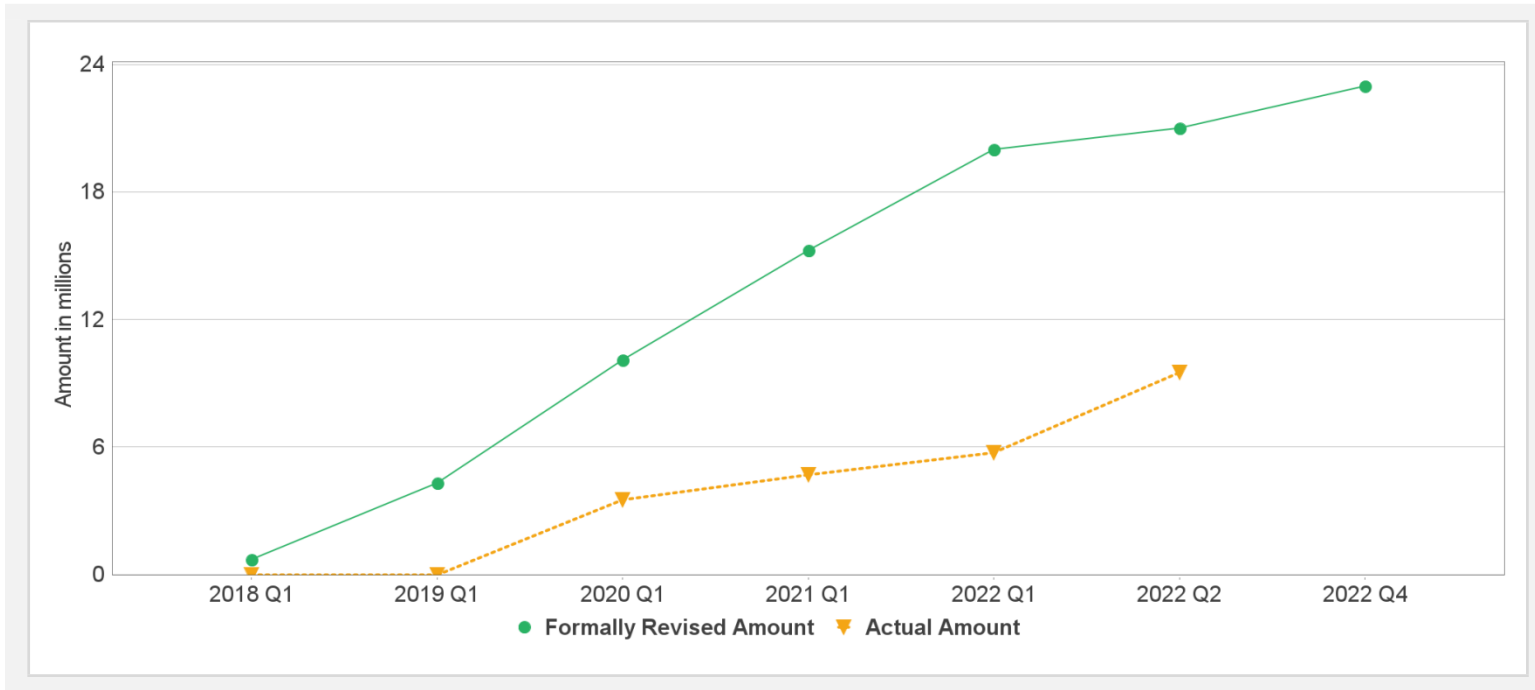
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P148600	TF-A5065	Effective	USD	4.00	4.00	0.00	0.58	3.42	15%
P148600	TF-A5078	Effective	USD	7.00	7.00	0.00	3.83	3.17	55%
P148600	TF-A9136	Effective	USD	7.00	7.00	0.00	4.64	2.36	66%
P148600	TF-A9139	Effective	USD	5.00	5.00	0.00	0.47	4.53	9.3%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P148600	TF-A5065	Effective	06-Nov-2017	06-Nov-2017	16-Jan-2018	20-Dec-2023	30-Jun-2022
P148600	TF-A5078	Effective	06-Nov-2017	06-Nov-2017	16-Jan-2018	30-Jun-2022	30-Jun-2022
P148600	TF-A9136	Effective	28-Feb-2019	10-Mar-2019	11-Jun-2019	30-Jun-2022	30-Jun-2022
P148600	TF-A9139	Effective	28-Feb-2019	10-Mar-2019	11-Jun-2019	20-Dec-2023	20-Dec-2023

Cumulative Disbursements



PBC Disbursement

PBC ID	PBC Type	Description	Coc	PBC Amount	Achievement Status	Disbursed amount in Coc	Disbursement % for PBC

Restructuring History

Level 2 Approved on 17-Apr-2019 ,Level 2 Approved on 29-Apr-2021

Related Project(s)

P167914-Electricity Sector Performance Improvement Project - Additional Finance