



## IQ: Basra Electricity Dissemination and Development Project (EDDP) (P162454)

MIDDLE EAST AND NORTH AFRICA | Iraq | Energy & Extractives Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2019 | Seq No: 5 | ARCHIVED on 06-May-2022 | ISR50997 |

Implementing Agencies: South Electricity Transmission Company, Republic of Iraq, South Electricity Distribution Company

**Key Dates****Key Project Dates**

Bank Approval Date: 02-May-2019

Effectiveness Date: 06-Feb-2020

Planned Mid Term Review Date: 30-Sep-2022

Actual Mid-Term Review Date:

Original Closing Date: 30-Jun-2024

Revised Closing Date: 30-Jun-2024

**Project Development Objectives**

Project Development Objective (from Project Appraisal Document)

To improve the reliability and operational and commercial efficiency of electricity services in the selected project areas.

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

No

**Components Table**

Name

South Electricity Transmission Network Reinforcement:(Cost \$95.00 M)  
South Electricity Distribution Network Reconstruction and Reinforcement and SEDC Electricity Sales  
Revenue Management Improvement:(Cost \$100.00 M)  
Institutional Capacity Strengthening and Project Implementation Support:(Cost \$5.00 M)

**Overall Ratings**

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

**Implementation Status and Key Decisions**

Progress towards achievement of Project Development Objective is currently rated 'Moderately Satisfactory' and overall implementation progress has been upgraded to 'Moderately Satisfactory.' This is attributed to notable progress achieved over the past six months on multiple fronts. However, limited implementation capacity as well as COVID-19-related travel restrictions and working arrangements still persist.



**Risks**

**Systematic Operations Risk-rating Tool**

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

**Results**

**PDO Indicators by Objectives / Outcomes**

Enhance the operational efficiency of electricity services				
► Reduction in Technical Losses (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	15.00
Date	29-Dec-2017	23-Sep-2021	27-Apr-2022	30-Jun-2024
Comments:	Reduction of Technical Losses in the project areas. Baseline-10.90MW(2017) (0 percent); Target -9.3 (June 2024) (15 percent).			
► Percentage reduction in technical losses (Megawatt, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	10.90	10.90	10.90	9.30
Date	31-Dec-2017	23-Sep-2021	27-Apr-2022	06-Dec-2024
Comments:	Percentage reduction in technical losses: 15 percent—baseline = 10.9 MW (2017), target = 9.3 MW (2024)			



Improve Commercial operations				
► Increase in billed to supplied energy ratio (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	35.00	35.00	35.00	60.00
Date	31-Dec-2017	23-Sep-2021	27-Apr-2022	30-Jun-2024
Comments:	Ratio of billed energy to supplied. SEDC billed/supplied energy (Baseline 35.0percent: Supplied energy-26.60TWh, Billed energy-9.28TWh)(December 2017)			

Improve the reliability of electricity service delivery				
► Increased efficiency of Transmission and Distribution Network infrastructure (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00
Date	29-Dec-2017	23-Sep-2021	27-Apr-2022	30-Jun-2024
Comments:	Improve reliability of the electricity services delivery as measured by reduced unserved energy in the project areas due to network capacity limitations (target-50 percent). Baseline - unserved energy 111.0 GWh (2017); Target- 42.5GWh (June 2024)			

Improve the reliability of electricity service delivery				
► Percentage increased efficiency of transmission and distribution network infrastructure (Gigawatt-hour (GWh), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	111.00	111.00	111.00	42.50
Date	31-Dec-2017	23-Sep-2021	27-Apr-2022	06-Dec-2024
Comments:	Percentage increased efficiency of transmission and distribution network infrastructure: 50 percent—baseline = unserved energy 111.0 GWh [2017], target = 42.5 GWh (2024)			

Intermediate Results Indicators by Components

South Electricity Transmission Network Reinforcement				
► New 132KV Transmission line constructed (Kilometers, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	40.00



Date	29-Dec-2017	23-Sep-2021	27-Apr-2022	30-Jun-2024
<b>► New Substation Capacity (Kilovolt-Ampere(KVA), Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,720,000.00
Date	25-Mar-2019	23-Sep-2021	27-Apr-2022	30-Jun-2024
Comments:	Capacity of new substations constructed			

<b>SED Network Reconstruction and Reinforcement and Electricity Sales Revenue Management Improvement</b>				
<b>► Capacity of new substations constructed (Kilovolt-Ampere(KVA), Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	750,000.00
Date	29-Dec-2017	23-Sep-2021	27-Apr-2022	30-Jun-2024
Comments:	Capacity of new substations constructed			
<b>► Revenue Protection Program (Energy Meters Installed at Industrial and Commercial Consumers) (Number (Thousand), Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100.00
Date	25-Mar-2019	23-Sep-2021	27-Apr-2022	30-Jun-2024
Comments:	Revenue Protection Program (Energy Meters Installed at Industrial and Commercial Consumers)			
<b>► Customers satisfied with service provided by SEDC (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	25.00
Date	25-Mar-2019	23-Sep-2021	27-Apr-2022	30-Jun-2024
Comments:	Increase in the percentage of the customers satisfied with service provided by SEDC			
<b>► People provided with new or improved electricity service (Number, Corporate)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2,000,000.00



Date	25-Mar-2019	23-Sep-2021	27-Apr-2022	30-Jun-2024
□ People provided with new or improved electricity service - Female (Number, Corporate Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,000,000.00

<b>Institutional Capacity Strengthening and Project Implementation Support</b>				
▶ SEDC Business Improvement Plan Prepared and Adopted (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	25-Mar-2019	23-Sep-2021	27-Apr-2022	30-Jun-2024
Comments:	SEDC Business Improvement Plan Prepared and Adopted			
▶ SEDC publishes quarterly on its website, Quarterly Performance Reports including Energy Supplied, Billed and Revenue Collections (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	25-Mar-2019	23-Sep-2021	27-Apr-2022	30-Jun-2024
Comments:	SEDC publishes quarterly on its website, Quarterly Performance Reports including Energy Supplied, Billed and Revenue Collections			
▶ SEDC publishes on its websites the Electricity Consumers Satisfaction Survey Report (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	25-Mar-2019	23-Sep-2021	27-Apr-2022	30-Jun-2024
Comments:	SEDC publishes on its websites the Electricity Consumers Satisfaction Survey Report			

<b>SED Network Reconstruction and Reinforcement and Electricity Sales Revenue Management Improvement</b>				
▶ Women reported engaging in income-generating activities (IGA) due to improvements in electricity service (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	20.00
Date	29-Jun-2018	23-Sep-2021	27-Apr-2022	30-Jun-2024



Comments:	Women reported engaging in income-generating activities due to improvements in electricity service (number). Project target was identified based on information from Iraq's Central Bureau of Statistics, which has sex-disaggregated, region-specific data points from the LFS survey (2008). The share of economically active women is on average 9 percent in the project areas compared to the national average of 18 percent. The project aims to close this regional gap and identified 20 percent as the target.			
<b>► Women-owned businesses reporting increased income due to improved electricity services (percentage) (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	20.00
Date	28-Jun-2019	23-Sep-2021	27-Apr-2022	30-Jun-2024
Comments:	Women-owned businesses reporting increased income due to improved electricity services (percentage). Project target was identified based on information from the Enterprise Survey in Iraq (2011). Access to electricity is the foremost obstacle among businesses, especially when disaggregating by gender of top managers.			
<b>► Increase in business enterprises reporting increased productivity as a result of improved electricity services reliability (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00
Date	19-Dec-2019	23-Sep-2021	27-Apr-2022	30-Jun-2024
Comments:	Number of Business/Productive Enterprises reporting increased productivity as captured under the "Improved Electricity Services Impact Measurement Survey" (this survey will be funded by a separate Trust Fund under the Mashreq MFD Strategy). The Baseline and targets will be refined after the initial baseline survey proposed to be conducted within the first year of the project ( by end June 2020).			
<b>► Increase in jobs (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	20.00
Date	30-Jun-2020	23-Sep-2021	27-Apr-2022	30-Jun-2024
Comments:	New jobs created by the Business/Productive Enterprises reporting increased productivity as captured under the "Improved Electricity Services Impact Measurement Survey" (this survey will be funded by a separate Trust Fund under the Mashreq MFD Strategy). The Baseline and targets will be refined after the initial baseline survey proposed to be conducted within the first year of the project ( by end June 2020).			

**Performance-Based Conditions**

**Data on Financial Performance**

**Disbursements (by loan)**

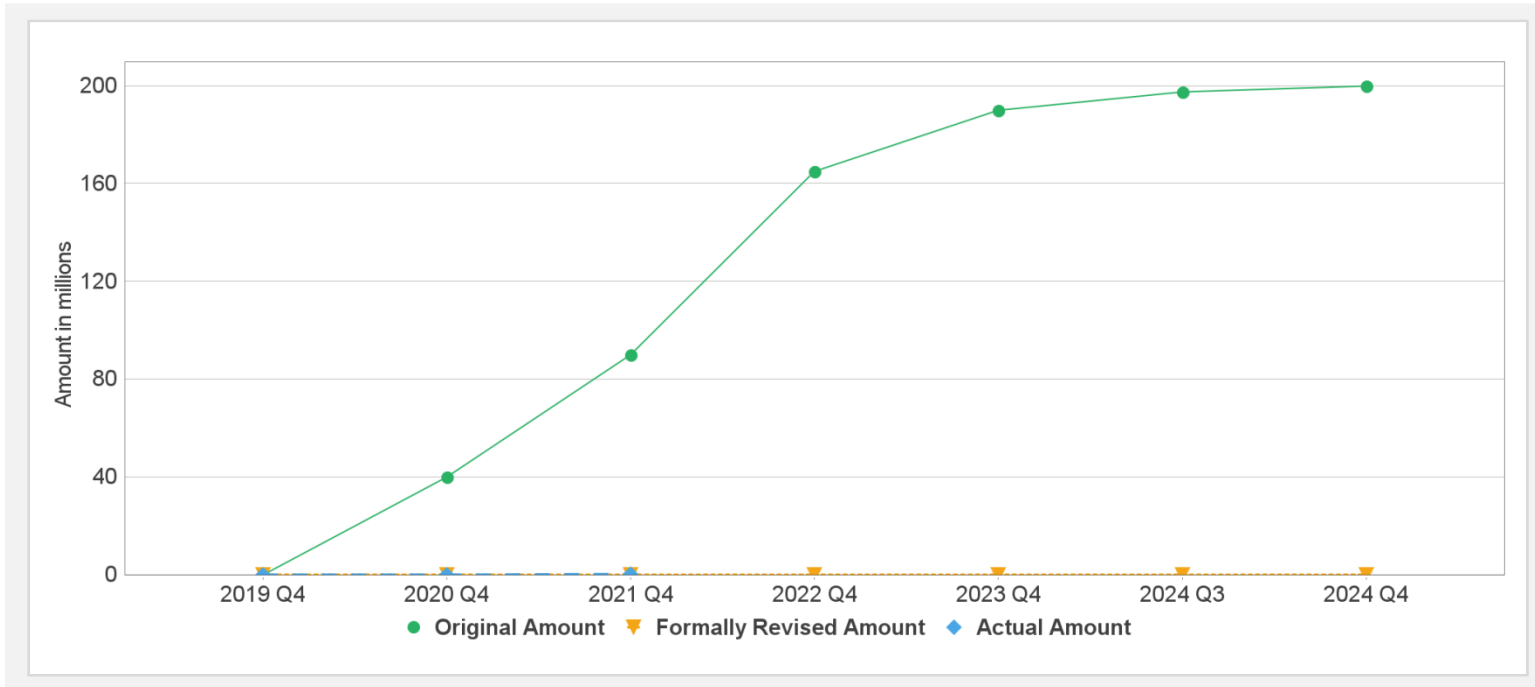
Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P162454	IBRD-89600	Effective	USD	200.00	200.00	0.00	1.47	198.53	0.7%



Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P162454	IBRD-89600	Effective	02-May-2019	07-Jul-2019	06-Feb-2020	30-Jun-2024	30-Jun-2024

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.