



## Moldova Power System Development Project (P160829)

EUROPE AND CENTRAL ASIA | Moldova | Energy & Extractives Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2019 | Seq No: 10 | ARCHIVED on 02-Apr-2024 | ISR60411 |

Implementing Agencies: Ministry of Economy and Infrastructure, Ministry of Finance, Moldova Energy Projects Implementation Unit (MEPIU), SE Moldelectrica

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

Bank Approval Date: 08-May-2019

Effectiveness Date: 24-Mar-2020

Planned Mid Term Review Date: 01-May-2023

Actual Mid-Term Review Date: 22-May-2023

Original Closing Date: 31-Aug-2024

Revised Closing Date: 31-Aug-2024

**Project Development Objectives**

Project Development Objective (from Project Appraisal Document)

The Project Development Objective is to increase capacity and improve reliability of the power transmission system in Moldova.

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

No

**Components Table**

Name

Construction of Vulcanesti-Chisinau overhead line:(Cost \$46.50 M)  
Extension of two existing substations:(Cost \$13.80 M)  
Strengthening of power dispatch and metering system:(Cost \$7.20 M)  
Technical Assistance and Project Management:(Cost \$2.50 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"/> Satisfactory	<input type="checkbox"/> Satisfactory
Overall Risk Rating	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate

**Implementation Status and Key Decisions**

The Project was approved by the Board on May 8, 2019 and the Project's signing was completed on September 26, 2019. The Project was declared as effective on March 24, 2020 within the effectiveness deadline. The project's IP and DO ratings remain Satisfactory as the Project has shown progress with implementation of the major contracts. On site construction works for the major package A1 "Construction of a new 400kV Vulcanesti-Chisinau single circuit overhead transmission line (OHTL)" is expected to start in April 2024. To complete all contracts, the Government will request the Project Closing Date extension from August 2024 to June 2026 for the Bank management's consideration.



**Risks**

**Systematic Operations Risk-rating Tool**

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

**Results**

**PDO Indicators by Objectives / Outcomes**

Increased transmission capacity along the Vulcanesti-Chisinau corridor				
► Increased transmission capacity along the Vulcanesti-Chisinau corridor (Kilovolt-Ampere(KVA), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	900,000.00
Date	01-Jan-2019	09-Oct-2023	29-Mar-2024	30-Aug-2024
Comments:	The indicator is measured as the nominal capacity of the 400 kV Vulcanesti - Chisinau OHVL.			
► Reduced number of interruptions between Vulcanesti SS and Chisinau SS (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	5.00	5.00	5.00	1.00
Date	01-Jan-2019	09-Oct-2023	29-Mar-2024	30-Aug-2024
Comments:	The indicator is measured as number of trips between Vulcanesti SS and Chisinau SS. Before commissioning of the new 400 kV Vulcanesti-Chisinau OHVL, the number will be counted for existing MGRES-Chisinau line and existing Vulcanesti-MGRES line.			



**Intermediate Results Indicators by Components**

Component 1: Construction of the 400 kV Vulcanesti-Chisinau overhead transmission line				
▶ Construction of the 400 kV Vulcanesti-Chisinau transmission line (Kilometers, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	158.00
Date	03-Jun-2019	09-Oct-2023	29-Mar-2024	30-Aug-2024
Component 2: Extension of two existing substations				
▶ Substation extensions completed (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	09-Jan-2019	09-Oct-2023	29-Mar-2024	30-Aug-2024
Component 3: Strengthening of power dispatch and metering system				
▶ SCADA/EMS and MMS upgraded (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	01-Jan-2019	09-Oct-2023	29-Mar-2024	30-Aug-2024
▶ New ME HQ building completed (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	30-Aug-2019	09-Oct-2023	29-Mar-2024	30-Aug-2024
Component 4: Technical Assistance and Project Management				
▶ Percentage of women employed by Moldelectrica (percentage) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	15.00	15.00	15.00	16.00
Date	05-Feb-2019	09-Oct-2023	29-Mar-2024	30-Aug-2024
<p>► Percentage of members in affected communities along the OHTL reporting that their engagement in the public consultations under the project useful and represent their views and preferences (Percentage, Custom)</p>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00
Date	05-Feb-2019	09-Oct-2023	29-Mar-2024	30-Aug-2024
Comments:	<ol style="list-style-type: none"> <li>Three public consultations have been held so far: (i) February 25 - March 12, 2021; (ii) March 25 - July 10, 2022 and (iii) December 13-16, 2022. These include 45 consultation sessions with local public authorities and landowners affected by the preliminary soil survey.</li> <li>The project set up 55 Social Impact Monitoring Committees (SIMCs) to serve as continuous consultation mechanism with the citizens and stakeholders during the construction works, as well as for consultations of site-specific documentation.</li> <li>Five grievances have been received so far, largely related to minor temporary land access disturbance associated with soil investigation works. All the complainants were informed about the compensation procedure; they have no additional objection and are awaiting compensation.</li> <li>Resettlement Action Plan including socio-economic survey and inventory survey is under preparation but awaiting finalization of the detailed OHTL route. Approvals for land acquisition and contract works are dependent on prior initiation of compensation for affected persons.</li> <li><i>The indicator is still reporting zero value as it is going to be measured in three stages: (i) detailed design / development stage; (ii) construction / implementation stage (iii) construction / completion stage. Currently the project is entering into the first stage, where the detailed design and RAP are being prepared. In the meantime, the consultancy service to conduct the survey for the indicator is being finalized. The first survey will be conducted by July 2023, which will inform the indicator.</i></li> </ol>			

## Performance-Based Conditions

### Data on Financial Performance

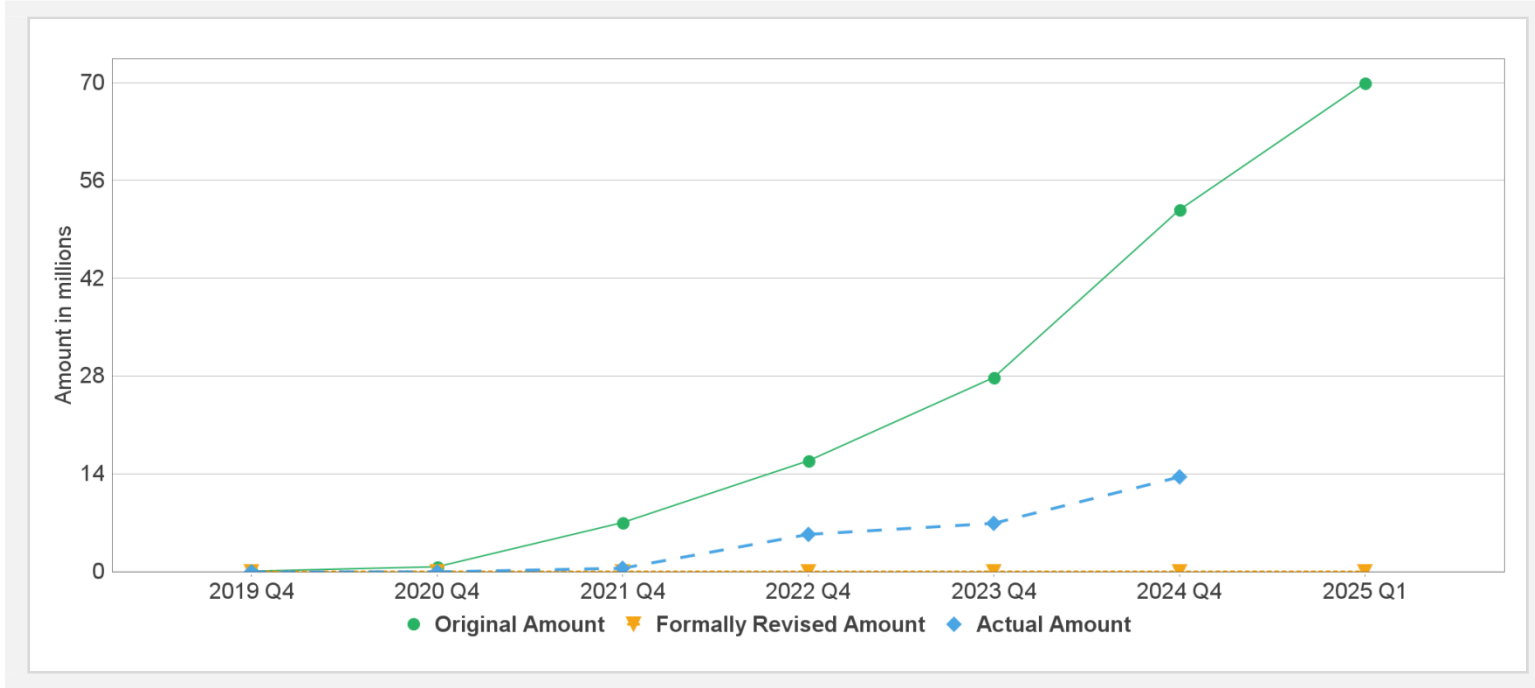
#### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P160829	IDA-63800	Effective	USD	55.00	55.00	0.00	3.12	48.55	6%
P160829	IDA-63810	Effective	USD	15.00	15.00	0.00	10.47	3.95	73%

#### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P160829	IDA-63800	Effective	08-May-2019	26-Sep-2019	24-Mar-2020	31-Aug-2024	31-Aug-2024
P160829	IDA-63810	Effective	08-May-2019	26-Sep-2019	24-Mar-2020	31-Aug-2024	31-Aug-2024

### Cumulative Disbursements



### Restructuring History

There has been no restructuring to date.

### Related Project(s)

There are no related projects.