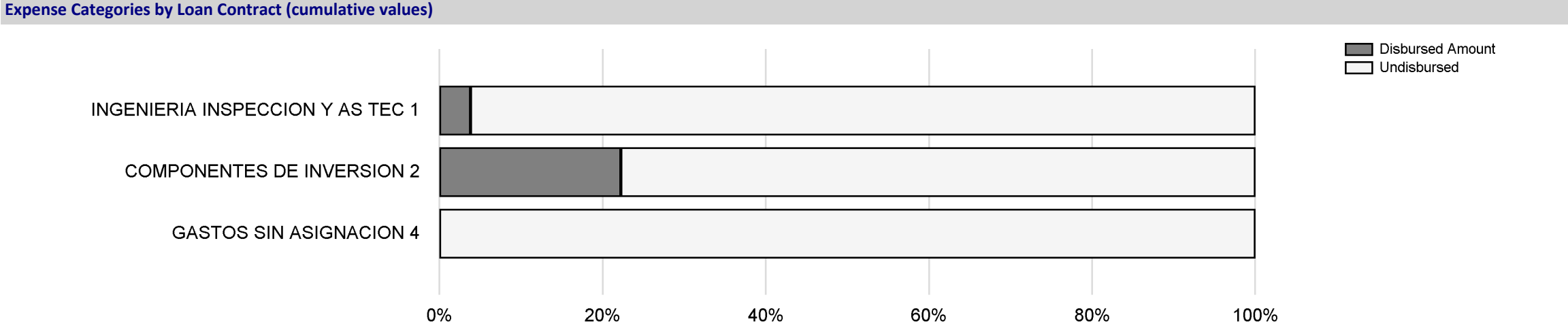


PMR Public Report

Operation Number	VE-L1033	Chief of Operations Validation Date	03/31/22
Year- PMR Cycle	Second period Jan-Dec 2021	Division Chief Validation Date	04/24/22
Last Update	03/10/22	Country Representative Validation Date	04/27/22
PMR Validation Stage	Validated by Representative		

Basic Data			
Operation Profile			
Operation Name	Rehabilitation of Units 1 to 6 of Powerhouse I Simón Bolívar Hydroelectric Plant	Loan Number	2429/OC-VE
Executing Agency	C.V.G. ELECTRIFICACION DEL CARONI, S.A. (EDELCA)	Sector/Subsector	ENERGY-NEW HYDROPOWER PROJECTS
Team Leader	MONTANEZ, LEOPOLDO	Overall Stage	Disbursing (From eligibility until all the Operations are closed)
Operation Type	Loan Operation	Country	Venezuela
Lending Instrument	Investment Loan	Convergence related Operation(s)	
Borrower	REPUBLICA BOLIVARIANA DE VENEZUELA		
Environmental and Social Safeguards			
Impacts Category	B	Was/Were the objective(s) of this operation reformulated?	NO
Safeguard Performance Rating	Partially Satisfactory	Date of approval	
Safeguard Performance Rating - Rationale	Dado que la ejecución del proyecto se encuentra actualmente paralizada, el cumplimiento de la operación se resume en "parcialmente satisfactorio," hasta que se obtenga información adicional que apoye o que contradiga esta clasificación.		

Financial Data									
	Total Cost and Source					Available Funds (US\$)			
Operations	Original IDB	Current IDB	Local Counterpart	Co-Financing / Country	Total Original Cost	Current IDB	Disb. Amount to Date	% Disbursed	Undisbursed Amount
VE-L1033	700,000,000	500,000,000	609,771,000	0	1,309,771,000	500,000,000	92,710,360.85	18.54%	407,289,639.15
Aggregated	700,000,000	500,000,000	609,771,000	0	1,309,771,000	500,000,000	92,710,360.85	18.54%	407,289,639.15



Please note that inactive indicators and outputs are not displayed; totals in the actual cost table may not match the sum of the cost of the outputs displayed, due to the cost of inactive outputs.

RESULTS MATRIX

General Development Objectives

General Development Objectives Nbr. 1: Disminucion del Impacto sobre el Ambiente a través del uso más eficiente de una fuente de energía renovable.

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2023	
1.1	Reducción de Emisiones de Contaminantes a la Atmósfera	CO2		2011	2010	P	-
						A	-

Details

Means of Verification: Informes Ambientales de CORPOELEC

Observations:

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

RESULTS MATRIX

Specific Development Objectives

Specific Development Objectives Nbr. 10: Responsabilidad Ambiental y Social asociada a las operaciones de la Central Simón Bolívar fortalecida

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
10.1	Mejoramiento de la imagen corporativa de la Central	Número de visitantes a la Central/año	30092	2010	P	-	-	-	-	-	-	-	40,000
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: Reporte de visitas

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Specific Development Objectives Nbr. 1: capacidad de generación con recursos renovables incrementada

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
1.1	Capacidad Instalada Nominal en Unidades 1 a 6	MW	1215	2008	P	2,010	-	-	-	-	-	-	2,010
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: Sistema de Control de la Planta

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
1.2	Capacidad Instalada Unidad 1	MW	185	2011	P	270	-	-	-	-	-	-	270
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: Sistemas de Control de la Planta

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
1.3	Capacidad Instalada Unidad 2	MW	185	2011	P	-	-	-	-	-	-	-	270
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: Sistemas de Control de la Planta

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
1.4	Capacidad Instalada Unidad 3	MW	185	2011	P	-	-	-	-	-	-	-	270
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: Sistema de Control de la Planta

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
1.5	Capacidad Instalada Unidad 4	MW	220	2011	P	-	-	-	-	-	-	-	400
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: Sistema de Control de la Planta

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
1.6	Capacidad Instalada Unidad 5	MW	220	2011	P	-	-	-	-	-	-	-	400
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: Sistema de Control de la Planta

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
1.7	Capacidad Instalada Unidad 6	MW	220	2011	P	-	-	-	-	-	-	-	400
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: Sistema de Control de la Planta

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Specific Development Objectives Nbr. 2: aporte de energía del Bajo Caroní al Sistema Eléctrico Nacional (SEN) aumentado

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
2.1	Energía media entregada anualmente al SEN	GWh	9048	2008	P	15,849	-	-	-	-	-	-	15,849
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: Sistema de Control de la Planta

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Indicator			Unit of Measure	Baseline	Baseline Year	2016	2017	2018	2019	2020	2021	2022	EOP 2023
2.2	Energía Unidad 1			GWh	1378	2011	P	2,129	-	-	-	-	2,129
							A	-	-	-	-	-	-

Details

Means of Verification: Sistema de Control de la Planta

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Indicator			Unit of Measure	Baseline	Baseline Year	2016	2017	2018	2019	2020	2021	2022	EOP 2023
2.3	Energía Unidad 2			GWh	1378	2011	P	-	-	-	-	-	2,129
							A	-	-	-	-	-	-

Details

Means of Verification: Sistema de Control de la Planta

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Indicator			Unit of Measure	Baseline	Baseline Year	2016	2017	2018	2019	2020	2021	2022	EOP 2023
2.4	Energía Unidad 3			GWh	1378	2011	P	-	-	-	-	-	2,129
							A	-	-	-	-	-	-

Details

Means of Verification: Sistema de Control de la Planta

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Indicator			Unit of Measure	Baseline	Baseline Year	2016	2017	2018	2019	2020	2021	2022	EOP 2023
2.5	Energía Unidad 4			GWh	1638	2011	P	-	-	-	-	-	3,154
							A	-	-	-	-	-	-

Details

Means of Verification: Sistema de Control de la Planta

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
2.6	Energía Unidad 5	GWh	1638	2011	P	-	-	-	-	-	-	-	3,154
					A	-	-	-	-	-	-	-	-

**Details**

**Means of Verification:** Sistema de Control de la Planta

**Observations:**

**Evaluation Methodology:** -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
2.7	Energía Unidad 6	GWh	1638	2011	P	-	-	-	-	-	-	-	3,154
					A	-	-	-	-	-	-	-	-

**Details**

**Means of Verification:** Sistema de Control de la Planta

**Observations:**

**Evaluation Methodology:** -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

**Specific Development Objectives Nbr. 3:** disponibilidad de las unidades generadoras 1 a 6 aumentada

**Observation:**

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
3.1	Disponibilidad de las unidades generadoras 1 a 6	%	85	2008	P	90	-	-	-	-	-	-	90
					A	-	-	-	-	-	-	-	-

**Details**

**Means of Verification:** Informe de Operación (plan de parada de la planta)

**Observations:**

**Evaluation Methodology:** -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
3.2	Disponibilidad Unidad 1	%	85	2011	P	90	-	-	-	-	-	-	90
					A	-	-	-	-	-	-	-	-

**Details**

**Means of Verification:** Plan de Paradas de Planta

**Observations:**

**Evaluation Methodology:** -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
3.3	Disponibilidad Unidad 2	%	85	2011	P	-	-	-	-	-	-	-	90
					A	-	-	-	-	-	-	-	-

**Details**

**Means of Verification:** Plan de Paradas de Planta

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Indicator		Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
3.4	Disponibilidad Unidad 3	%	85	2011	P	-	-	-	-	-	-	-	90
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: Plan de Paradas de Planta

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Indicator		Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
3.5	Disponibilidad Unidad 4	%	85	2011	P	-	-	-	-	-	-	-	90
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: Plan de Paradas de Planta

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Indicator		Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
3.6	Disponibilidad Unidad 5	%	85	2011	P	-	-	-	-	-	-	-	90
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: Plan de Paradas de Planta

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Indicator		Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
3.7	Disponibilidad Unidad 6	%	85	2011	P	-	-	-	-	-	-	-	90
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: Plan de Paradas de Planta

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Specific Development Objectives Nbr. 4: Eficiencia de las Unidades aumentadaSe ajustó bajo la premisa de concluir las unidades a partir del año 2023.

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
4.1	Eficiencia de las Unidades generadoras 1 a 6	%	84	2008	P	-	-	-	-	-	-	-	95
					A	-	-	-	-	-	-	-	-
Details													

Means of Verification: Reporte de Pruebas Operacionales. Medición en Línea.

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
4.2	Aumentar la Eficiencia de la Unidad 1	%	84	2011	P	95	-	-	-	-	-	-	95
					A	-	-	-	-	-	-	-	-
Details													

Means of Verification: Pruebas de Eficiencia

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
4.3	Aumentar la Eficiencia de la Unidad 2	%	84	2011	P	-	-	-	-	-	-	-	95
					A	-	-	-	-	-	-	-	-
Details													

Means of Verification: Pruebas de Eficiencia

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
4.4	Aumentar la Eficiencia de la Unidad 3	%	84	2011	P	-	-	-	-	-	-	-	95
					A	-	-	-	-	-	-	-	-
Details													

Means of Verification: Pruebas de Eficiencia

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
4.5	Aumentar la Eficiencia de la Unidad 4	%	84	2011	P	-	-	-	-	-	-	-	95
					A	-	-	-	-	-	-	-	-
Details													

Means of Verification: Pruebas de Eficiencia

Observations:



Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
4.6	Aumentar la Eficiencia de la Unidad 5	%	84	2011	P	-	-	-	-	-	-	-	95
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: Pruebas de Eficiencia

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
4.7	Aumentar la Eficiencia de la Unidad 6	%	84	2011	P	-	-	-	-	-	-	-	95
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: Pruebas de Eficiencia

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Specific Development Objectives Nbr. 5: Indisponibilidad por mantenimiento reducida

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
5.1	Frecuencia de mantenimientos mayores	Años	2	2008	P	-	-	-	-	-	-	-	5
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: Informe de Inspección por garantías (proyección de tendencias)

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
5.2	Frecuencia de Mantenimientos Mayores Unidad 1	Años	2	2011	P	5	-	-	-	-	-	-	5
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: Plan de Paradas de Planta

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Indicator		Unit of Measure		Baseline	Baseline Year	2016	2017	2018	2019	2020	2021	2022	EOP 2023
5.3	Frecuencia de Mantenimientos Mayores Unidad 2	Años	2	2011	P	-	-	-	-	-	-	-	5
					A	-	-	-	-	-	-	-	
Details													
Means of Verification: Plan de Paradas de Planta													
Observations:													
Evaluation Methodology: -													
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator									
Indicator		Unit of Measure		Baseline	Baseline Year	2016	2017	2018	2019	2020	2021	2022	EOP 2023
5.4	Frecuencia de Mantenimientos Mayores Unidad 3	Años	2	2011	P	-	-	-	-	-	-	-	5
					A	-	-	-	-	-	-	-	-
Details													
Means of Verification: Plan de Paradas de Planta													
Observations:													
Evaluation Methodology: -													
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator									
Indicator		Unit of Measure		Baseline	Baseline Year	2016	2017	2018	2019	2020	2021	2022	EOP 2023
5.5	Frecuencia de Mantenimientos Mayores Unidad 4	Años	2	2011	P	-	-	-	-	-	-	-	5
					A	-	-	-	-	-	-	-	-
Details													
Means of Verification: Plan de Parada de Planta													
Observations:													
Evaluation Methodology: -													
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator									
Indicator		Unit of Measure		Baseline	Baseline Year	2016	2017	2018	2019	2020	2021	2022	EOP 2023
5.6	Frecuencia de Mantenimientos Mayores Unidad 5	Años	2	2011	P	-	-	-	-	-	-	-	5
					A	-	-	-	-	-	-	-	-
Details													
Means of Verification: Plan de Parada de Planta													
Observations:													
Evaluation Methodology: -													
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator									
Indicator		Unit of Measure		Baseline	Baseline Year	2016	2017	2018	2019	2020	2021	2022	EOP 2023
5.7	Frecuencia de Mantenimientos Mayores Unidad 6	Años	2	2011	P	-	-	-	-	-	-	-	5
					A	-	-	-	-	-	-	-	-
Details													
Means of Verification: Plan de Parada de Planta													
Observations:													
Evaluation Methodology: -													

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator											
	Indicator			Unit of Measure	Baseline	Baseline Year	2016	2017	2018	2019	2020	2021	2022	EOP 2023	
5.8	Duración de Mantenimientos Mayores		Días	60	2011	P	-	-	-	-	-	-	-	45	
						A	-	-	-	-	-	-	-	-	
Details															
Means of Verification: Informe de Inspeccion por garantias (Proyeccion de Tendencias)															
Observations:															
Evaluation Methodology: -															
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator											
	Indicator			Unit of Measure	Baseline	Baseline Year	2016	2017	2018	2019	2020	2021	2022	EOP 2023	
5.9	Duración de Mantenimientos Mayores Unidad 1		Días	60	2011	P	45	-	-	-	-	-	-	45	
						A	-	-	-	-	-	-	-	-	
Details															
Means of Verification: Plan de Parada de Planta															
Observations:															
Evaluation Methodology: -															
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator											
	Indicator			Unit of Measure	Baseline	Baseline Year	2016	2017	2018	2019	2020	2021	2022	EOP 2023	
5.10	Duración de Mantenimientos Mayores Unidad 2		Días	60	2011	P	-	-	-	-	-	-	-	45	
						A	-	-	-	-	-	-	-	-	
Details															
Means of Verification: Plan de Parada de Planta															
Observations:															
Evaluation Methodology: -															
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator											
	Indicator			Unit of Measure	Baseline	Baseline Year	2016	2017	2018	2019	2020	2021	2022	EOP 2023	
5.11	Duración de Mantenimientos Mayores Unidad 3		Días	60	2011	P	-	-	-	-	-	-	-	45	
						A	-	-	-	-	-	-	-	-	
Details															
Means of Verification: Plan de Parada de Planta															
Observations:															
Evaluation Methodology: -															
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator											
	Indicator			Unit of Measure	Baseline	Baseline Year	2016	2017	2018	2019	2020	2021	2022	EOP 2023	
5.12	Duración de Mantenimientos Mayores Unidad 4		Días	60	2011	P	-	-	-	-	-	-	-	45	
						A	-	-	-	-	-	-	-	-	

Details														
Means of Verification: Plan de Parada de Planta														
Observations:														
Evaluation Methodology: -														
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator										

Means of Verification: Plan de Parada de Planta															
Observations:															
Evaluation Methodology: -															
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator											

Means of Verification: Plan de Parada de Planta														
Observations:														
Evaluation Methodology: -														
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator										

Specific Development Objectives Nbr. 6: vida útil de las unidades generadoras 1 a 6 extendida

Observation:														
	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023	
6.1	Vida útil teórica remanente promedio de las unidades 1 a 6	Años	0	2008	P	-	-	-	-	-	-	-	25	
					A	-	-	-	-	-	-	-	-	
Details														

Means of Verification: Reportes del Fabricante de las unidades.

Observations:																
Evaluation Methodology: -																
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator												
					Indicator	Unit of Measure	Baseline	Baseline Year	2016	2017	2018	2019	2020	2021	2022	EOP 2023
6.2	Vida Útil Teórica Unidad 1			Años	0	2011	P	25	-	-	-	-	-	-	-	25
							A	-	-	-	-	-	-	-	-	
Details																

Means of Verification: Reportes del Fabricante de las unidades.

Observations:														
Evaluation Methodology: -														
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator										



Means of Verification: Reportes del Fabricante de las unidades.

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Specific Development Objectives Nbr. 7: Gestión del recurso hidrológico ampliada con la incorporación de conocimiento y herramientas técnicas para la consideración de potenciales impactos de cambio climático

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
7.1	Identificación y valoración del impacto en el régimen hidrológico de la cuenca del Caroní (estudios y modelación completados sobre variables como caudales, recurrencias, tendencias)	%	50	2010	P	-	-	-	-	-	-	-	100
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: Documento

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Specific Development Objectives Nbr. 8: Confiabilidad de información de variables ambientales para el fortalecimiento del sistema de generación hidroeléctrica aumentada

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
8.1	Asertividad de Pronósticos temporada de sequía	%	90	2010	P	-	-	-	-	-	-	-	98
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: Reporte de Pronósticos

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
8.2	Asertividad de Pronósticos temporada de lluvia	%	80	2010	P	-	-	-	-	-	-	-	90
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: Reporte de Pronósticos

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Specific Development Objectives Nbr. 9: Vulnerabilidad ambiental para la operatividad de la Central Simón Bolívar reducida

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year		2016	2017	2018	2019	2020	2021	2022	EOP 2023
9.1	Efectividad de Atención a Emergencias y Contingencias Ambientales	%	0	2010	P	-	-	-	-	-	-	-	70
					A	-	-	-	-	-	-	-	-

Details															
Means of Verification: Reporte de gestión															
Observations:															
Evaluation Methodology: -															
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator											
Indicator					Unit of Measure	Baseline	Baseline Year	2016	2017	2018	2019	2020	2021	2022	EOP 2023
9.2	Adecuación ambiental de las operaciones de la Central			% de Cumplimiento de la Normativa	50	2010	P	-	-	-	-	-	-	-	100
							A	-	-	-	-	-	-	-	
Details															

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Unidades 1 a 6 y sus Sistemas Auxiliares, Eléctricos y Mecánicos

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2021	EOP 2023	2021	EOP 2023
1.01	Primera Unidad Rehabilitada y Repotenciada	Unidad	P	-	1	-	40,000,000
			P (a)	-	1	-	58,397,135.59
			A	-	-	-	14,098,513.99
1.02	Segunda Unidad Rehabilitada y Repotenciada	Unidad	P	-	1	-	40,000,000
			P (a)	-	1	-	58,397,135.59
			A	-	-	-	14,098,513.99
1.03	Tercera Unidad Rehabilitada y Repotenciada	Unidad	P	-	1	-	40,000,000
			P (a)	-	1	-	58,397,135.59
			A	-	-	-	14,098,513.99
1.04	Cuarta Unidad Rehabilitada y Repotenciada	Unidad	P	-	1	-	53,333,334
			P (a)	-	1	-	65,237,056.72
			A	-	-	-	13,366,093.55
1.05	Quinta Unidad Rehabilitada y Repotenciada	Unidad	P	-	1	-	53,333,333
			P (a)	-	1	-	65,237,056.72
			A	-	-	-	13,366,093.55
1.06	Sexta Unidad Rehabilitada y Repotenciada	Unidad	P	-	1	-	53,333,333
			P (a)	-	1	-	65,237,056.72
			A	-	-	-	13,366,093.55
1.07	Sistemas Auxiliares Eléctricos y Mecánicos Comunes, Control y Tomas U1 a U10 Rehabilitados y Repotenciados	Sistemas	P	-	1	-	370,000,000
			P (a)	-	1	-	83,796,454.32
			A	-	-	-	9,484,373.33

Component Nbr. 2 Patios y Conexiones Rehabilitados y Repotenciados

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2021	EOP 2023	2021	EOP 2023
2.01	Patio 400KV Rehabilitado y Repotenciado	Unidad	P	-	1	-	169,970,000
			P (a)	-	1	-	111,370,504.98
			A	-	-	-	-
2.02	Patio de Media Tensión Rehabilitado y Repotenciado	Unidad	P	-	1	-	8,380,000
			P (a)	-	1	-	-
			A	-	-	-	-
2.03	Patio 230KV Rehabilitado y Repotenciado	Unidad	P	-	1	-	56,650,000
			P (a)	-	1	-	89,619,187.12
			A	-	-	-	-
2.04	Lineas de transmisión Casa de Maquinas - Patio Rehabilitadas	Líneas	P	-	-	-	-
			P (a)	-	1	-	16,397,288.14
			A	-	-	-	-
2.05	Transformadores Operando	Conjunto de Transformadores	P	-	-	-	-
			P (a)	-	1	-	18,613,009.74
			A	-	-	-	-



Component Nbr. 3 Arquitectura, Sistemas Auxiliares, Eléctricos y Mecánicos Comunes

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2021	EOP 2023	2021	EOP 2023
3.01	Adecuación de casa de Máquinas 1 completada	Unidad	P	-	1	-	38,384,000
			P (a)	-	1	-	38,384,000
			A	-	-	-	-

Component Nbr. 4 Componente Ambiental

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2021	EOP 2023	2021	EOP 2023
4.01	RED DE MEDICIONES DE VARIABLES AMBIENTALES HIDROMETEOROLÓGICAS Y LIMNOLÓGICAS FORTALECIDA	Red de Medición	P	-	1	-	4,100,000
			P (a)	-	1	-	229,923.11
			A	-	-	-	229,923.11
4.02	GESTIÓN DE RIESGOS AMBIENTALES OPERACIONALES FORTALECIDA	Gestión de Riesgo	P	-	1	-	6,180,000
			P (a)	-	1	-	8,578,056.18
			A	-	-	-	778,097.88

Other Cost				
	Ingeniería e Inspección	P		70,250,000
		P (a)		84,234,180.73
		A	0	1,344,124.55
	Administración	P		46,154,000
		P (a)		27,600,000
		A	0	0
	Auditoría externa	P		330,000
		P (a)		180,000
		A	0	0
	Evaluación Medio Término y Final, Monitoreo y Evaluación	P		120,000
		P (a)		100,000
		A	0	0
	Imprevistos	P		65,389,000
		P (a)		64,447,352.32
		A	0	0
	Escalamiento	P		61,260,000
		P (a)		46,239,803.08
		A	0	0
	Costos Financieros	P		126,355,000
		P (a)		126,830,000
		A	0	14,377,809.08
Total Cost				
	Total Cost	P		1,309,772,000
		P (a)		1,087,522,336.65
		A	0	108,608,150.57

No information available for this section

RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy	
2	Active		N/A	
	Response Actions			
	2.1	Management Strategy	Status	
		-		
	2.2	Management Strategy	Status	
		-		
	2.3	Management Strategy	Status	
		-		

Risk ID	Risk Status		Risk Taxonomy	
4	Active		N/A	
	Response Actions			
	4.1	Management Strategy	Status	
		-		
	4.2	Management Strategy	Status	
		-		
	4.3	Management Strategy	Status	
		-		

Risk ID	Risk Status		Risk Taxonomy	
6	Active		N/A	
	Response Actions			
	6.1	Management Strategy	Status	
		-		
	6.2	Management Strategy	Status	
		-		
	6.3	Management Strategy	Status	
		-		

Risk ID	Risk Status		Risk Taxonomy		
8	Active		N/A		
	Response Actions				
	8.1	Management Strategy		Status	
		-			
	8.2	Management Strategy		Status	
		-			
	8.3	Management Strategy		Status	
		-			

Risk ID	Risk Status		Risk Taxonomy		
10	Active		N/A		
	Response Actions				
	10.1	Management Strategy		Status	
		-			
	10.2	Management Strategy		Status	
		-			
	10.3	Management Strategy		Status	
		-			

Risk ID	Risk Status		Risk Taxonomy	
12	Active		N/A	
	Response Actions			
	12.1	Management Strategy	Status	
		-		
	12.2	Management Strategy	Status	
		-		
	12.3	Management Strategy	Status	
		-		

Risk ID	Risk Status		Risk Taxonomy
13	Active		N/A
	Response Actions		
	13.0	Management Strategy	Status
		-	

Risk ID	Risk Status		Risk Taxonomy		
15	Active		N/A		
	Response Actions				
	15.1	Management Strategy		Status	
		-			
	15.2	Management Strategy		Status	
		-			
	15.3	Management Strategy		Status	
		-			

Risk ID	Risk Status		Risk Taxonomy	
18	Active		N/A	
	Response Actions			
	18.1	Management Strategy	Status	
		-		
	18.2	Management Strategy	Status	
		-		
	18.3	Management Strategy	Status	
		-		

Risk ID	Risk Status		Risk Taxonomy		
20	Active		N/A		
	Response Actions				
	20.1	Management Strategy		Status	
		-			
	20.2	Management Strategy		Status	
		-			
	20.3	Management Strategy		Status	
		-			

Risk ID	Risk Status		Risk Taxonomy	
22	Active		N/A	
	Response Actions			
	22.1	Management Strategy	Status	
		-		
	22.2	Management Strategy	Status	
		-		
	22.3	Management Strategy	Status	
		-		

Risk ID	Risk Status		Risk Taxonomy		
23	Active		N/A		
	Response Actions				
	23.1	Management Strategy		Status	
		-			
	23.2	Management Strategy		Status	
		-			
	23.3	Management Strategy		Status	
		-			

Risk ID	Risk Status		Risk Taxonomy		
26	Active		N/A		
	Response Actions				
	26.1	Management Strategy		Status	
		-			
	26.2	Management Strategy		Status	
		-			
	26.3	Management Strategy		Status	
		-			

IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories