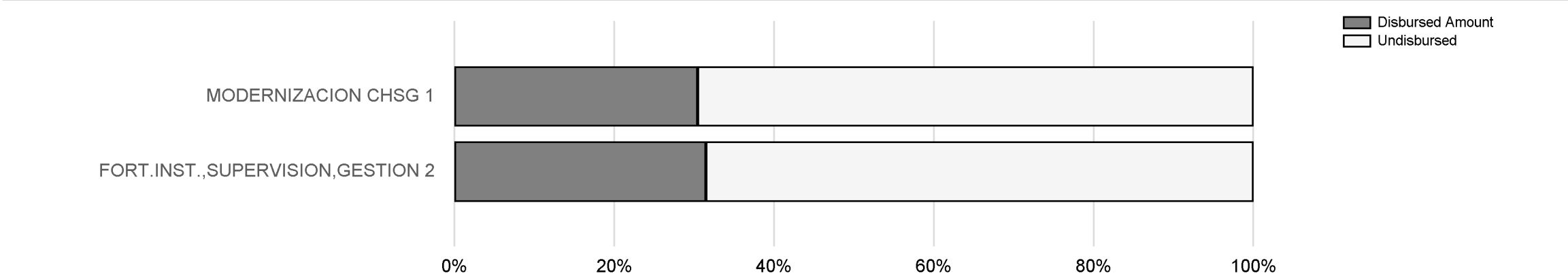


PMR Public Report

Operation Number	RG-L1124	Chief of Operations Validation Date	04/17/23
Year- PMR Cycle	Second period Jan-Dec 2022	Division Chief Validation Date	04/24/23
Last Update	03/27/23	Country Representative Validation Date	05/15/23
PMR Validation Stage	Validated by Representative		

Basic Data			
Operation Profile			
Operation Name	Modernization of the Salto Grande Binational Hydropower Complex	Loan Number	4694/OC-RG, 4695/OC-RG
Executing Agency	COMISION TECNICA MIXTA DE SALTO GRANDE	Sector/Subsector	ENERGY-ENERGY INTEGRATION
Team Leader	CORREA POSEIRO, CECILIA	Overall Stage	Disbursing (From eligibility until all the Operations are closed)
Operation Type	Loan Operation	Country	Regional
Lending Instrument	Investment Loan	Convergence related Operation(s)	
Borrower	REPUBLICA ORIENTAL DE URUGUAY		
Environmental and Social Safeguards			
Impacts Category	B	Was/Were the objective(s) of this operation reformulated?	NO
Safeguard Performance Rating	Satisfactory	Date of approval	
Safeguard Performance Rating - Rationale	El Ejecutor demuestra capacidad para gestionar los socioambientales de la operación. Las licencias ambientales son gestionadas por el Ejecutor, que cuenta con un equipo especializado y competente que sigue la gestión operativa propia del complejo hidroeléctrico, y las actividades de la operación. En los pliegos se incluyen las medidas socioambientales específicas para cada contrato a seguir. El Plan de Seguridad de Presas, ha sido aprobado en agosto 2021 y se ha elaborado el 1er informe.		

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
RG-L1124	80,000,000	80,000,000	0	0	80,000,000	80,000,000	44,474,001.64	55.59%	35,525,998.36
Aggregated	80,000,000	80,000,000	0	0	80,000,000	80,000,000	44,474,001.64	55.59%	35,525,998.36
Expense Categories by Loan Contract (cumulative values)									



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: IMPACTO 1: Incremento de la participación de la energía renovable en las matrices de generación de Argentina y Uruguay

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2024	
1.1	Generación de ER Argentina	%	31	2017	2024	P	45
						A	-

Details

Means of Verification: Informe CAMMESA

Observations: El proyecto contribuirá con la ampliación de la capacidad de generación con ER.

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			
Indicator		Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2024	
1.2	Generación de ER Uruguay	%	98	2017	2024	P	98
						A	-

Details

Means of Verification: Informe ADME

Observations: Visto el alto porcentaje de ER en la matriz, el proyecto colaborará a que éste se mantenga.

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			

General Development Objectives Nbr. 2: IMPACTO 2: Reducción de Emisiones de Gases de Efecto Invernadero en los dos países

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2024	
2.1	Emisiones CO2 equivalente evitadas	TonCO2 eq	0	2018	2024	P	199,416
						A	-

Details

Means of Verification: Informe de operación CHSG

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. 1: RESULTADO 1: Mantener la disponibilidad y confiabilidad de generación y transmisión de energía del CHSG.

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year		2021	2023	2024	EOP 2024
1.1	1.1 Disponibilidad operativa - generación	%	93.4	2018	P	91.05	91.05	-	91.05
					A	-	-	-	-

Details

Means of Verification: Informe de operación CHSG

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2021	2023	2024	EOP 2024
1.1	1.2 Indisponibilidad forzada - generación	%	0.41	2018	P	.41	.41	-	.41
					A	-	-	-	-

Details

Means of Verification: Informe de operación CHSG

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2021	2023	2024	EOP 2024
1.2	1.3 Disponibilidad transmisión -transformadores del cuadrilátero de 500 kV	%	99.08	2018	P	99.6	99.6	-	99.6
					A	-	-	-	-

Details

Means of Verification: Informe de operación CHSG

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2021	2023	2024	EOP 2024
1.3	1.4 Indisponibilidad forzada transmisión - transformadores del cuadrilátero de 500 kV	%	0	2018	P	-	-	-	-
					A	-	-	-	-

Details

Means of Verification: Informe de operación CHSG

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Specific Development Objectives Nbr. 2: RESULTADO 2: Extender la vida útil del CHSG

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year		2021	2023	2024	EOP 2024
2.1	2.1 Índice de Condición HydroAmp	#	7.2	2018	P	7.2	9.4	-	9.4
					A	-	-	-	-

Details

Means of Verification: Informe anual CTM

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Specific Development Objectives Nbr. 3: RESULTADO 3: Fortalecimiento de la integración regional

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year		2021	2023	2024	EOP 2024
3.1	3.1 Iniciativas de Integración Regional Apoyadas – fortalecimiento de CTM como entidad binacional	#	0	2018	P	1	1	-	1
					A	-	-	-	-

Details

Means of Verification: Evaluación Intermedia

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Componente I. Inversiones para la modernización del CHSG

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2024	2022	EOP 2024
1.01	Producto 1: Reguladores de velocidad modernizados	# unidades	P	4	14	2,720,900	9,400,000
			P (a)	4	14	2,055,527	8,061,758.27
			A	4	5	1,693,558	4,632,246
1.02	Producto 2: Sistemas hidromecánicos del vertedero y de las casas de máquinas modernizados	# sistemas	P	-	2	2,232,000	9,350,000
			P (a)	-	2	1,855,340	6,114,264.63
			A	-	-	866,635	2,170,522
1.03	Producto 3: Sistemas de izaje renovados	# sistemas	P	-	2	2,624,000	7,660,000
			P (a)	-	2	960,000	4,501,444
			A	-	1	990,595	2,199,180
1.04	Producto 4: Sistemas auxiliares mecánicos modernizados	# sistemas	P	1	3	608,677	2,050,000
			P (a)	-	-	-	-
			A	-	-	-	-
1.05	Producto 5: Sistemas auxiliares eléctricos modernizados	# sistemas	P	-	1	107,500	450,000
			P (a)	-	1	-	-
			A	-	-	-	-
1.06	Producto 6: Sistemas de control modernizados	# sistemas	P	-	2	1,890,000	7,311,000
			P (a)	-	1	151,002	938,001
			A	-	1	99,879	938,001
1.07	Producto 7: Bancos de transformadores principales reemplazados	# bancos	P	-	1	2,832,000	7,440,000
			P (a)	-	1	2,400,000	5,984,828
			A	-	-	2,356,944	2,356,944
1.08	Producto 8: Sistemas de comunicación, control, protecciones y compensación del cuadrilátero de transmisión de 500 kV renovados.	# sistemas	P	-	5	6,040,500	19,130,000
			P (a)	-	5	13,525,095	27,046,719.13
			A	-	-	8,267,601.2	14,706,167.2
1.09	Producto 9: Sistemas de infraestructura civil de la central mejoradas	# sistemas	P	-	4	450,000	3,690,000
			P (a)	1	4	540,272	1,295,000
			A	1	2	464,455	879,466
1.10	Producto 10: Acciones de mejoras de la gestión ambiental y social implementadas	# acciones	P	-	3	1,165,413	3,210,000
			P (a)	-	4	1,528,552	2,684,721.8
			A	1	1	296,224	489,014
1.11	Producto 11: Estudios para la rehabilitación del grupo turbina-generator completados	# estudios	P	-	2	493,000	1,880,000
			P (a)	-	2	27,000	1,879,000
			A	-	-	-	-
1.12	Producto 12: Plan de gestión de activos implementados	# Planes	P	1	1	221,000	260,000
			P (a)	-	-	-	-
			A	-	-	-	-
1.13	Producto 14: Transformador de subestación suministrado		P	-	-	-	-
			P (a)	-	2	-	11,876,619.64
			A	-	-	4,035,721	4,035,721

Component Nbr. 2 Componente II. Fortalecimiento Institucional y Supervisión

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2024	2022	EOP 2024
2.01	Producto 13: Planes de fortalecimiento institucional implementados (Capacidades gerenciales, comunicación y género , digitalización y gestión del riesgo)	# Planes	P	2	4	850,000	4,690,000
			P (a)	2	4	1,850,000	4,365,849.13
			A	1	2	1,315,832	1,527,352

Other Cost					
	Auditoria	P		80,000	300,000
		P (a)		77,380	299,999.8
		A		51,407	79,335

	Contingencias	P	753,800	3,179,000
		P (a)	514,976	5,466,770.6
		A	0	0
Total Cost				
	Total Cost	P	23,068,790	80,000,000
		P (a)	25,485,144	80,514,976
		A	20,438,851.2	34,013,948.2

CHANGES TO THE MATRIX					
Section	Name	Type of Change	Sub type	Modified By	Entered in System
Output	Producto 1: Reguladores de velocidad modernizados	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	NOHORAF	3/24/2023
	Producto 10: Acciones de mejoras de la gestión ambiental y social implementadas	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	NOHORAF	3/24/2023
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	NOHORAF	3/16/2023
	Producto 11: Estudios para la rehabilitación del grupo turbina-generador completados	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	NOHORAF	3/16/2023
	Producto 13: Planes de fortalecimiento institucional implementados (Capacidades gerenciales, comunicación y género , digitalización y gestión del riesgo)	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	NOHORAF	3/24/2023
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	NOHORAF	3/16/2023
	Producto 14: Transformador de subestación suministrado	Create Output	N/A	NOHORAF	3/24/2023
	Producto 2: Sistemas hidromecánicos del vertedero y de las casas de máquinas modernizados	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	NOHORAF	3/24/2023
	Producto 3: Sistemas de izaje renovados	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	NOHORAF	3/24/2023
	Producto 6: Sistemas de control modernizados	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	NOHORAF	3/16/2023
	Producto 7: Bancos de transformadores principales reemplazados	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	NOHORAF	3/24/2023
	Producto 8: Sistemas de comunicación, control, protecciones y compensación del cuadrilátero de transmisión de 500 kV renovados.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	NOHORAF	3/24/2023
	Producto 9: Sistemas de infraestructura civil de la central mejoradas	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	NOHORAF	3/24/2023

RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy
1	Inactive		Governance Framework
	Response Actions		
	1	Management Strategy	Status

Risk ID	Risk Status		Risk Taxonomy
2	Inactive		Governance Framework
	Response Actions		
	2	Management Strategy	Status

Risk ID	Risk Status		Risk Taxonomy
3	Active		Governance Framework
	Response Actions		
	3	Management Strategy	Status

Risk ID	Risk Status		Risk Taxonomy
4	Active		Human Resources
	Response Actions		
	4.01	Management Strategy	Status
		MITIGATE	COMPLETE

Risk ID	Risk Status		Risk Taxonomy
5	Active		Economic and Financial Environment
	Response Actions		
	5.01	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
6	Active		Environmental and Social Safeguards
	Response Actions		
	6.01	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
7	Active		Economic and Financial Environment
	Response Actions		
	7.01	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy		
8	Inactive		Governance Framework		
	Response Actions				
	8	Management Strategy		Status	

Risk ID	Risk Status		Risk Taxonomy
9	Active		Environmental and Social Safeguards
	Response Actions		
	9.01	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
10	Active		Human Resources
	Response Actions		
	10.01	Management Strategy	Status
		MITIGATE	ACTIVE
	10.02	Management Strategy	Status
		MITIGATE	COMPLETE

Risk ID	Risk Status		Risk Taxonomy
11	Active		Planning
	Response Actions		
	11.01	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
12	Active		Social Environment
	Response Actions		
	12.01	Management Strategy	Status
		MITIGATE	COMPLETE

Risk ID	Risk Status		Risk Taxonomy
13	Inactive		Social Environment
	Response Actions		
	13	Management Strategy	Status

Risk ID	Risk Status		Risk Taxonomy
14	Active		Human Resources
	Response Actions		
	14.01	Management Strategy	Status
		MITIGATE	COMPLETE

Risk ID	Risk Status		Risk Taxonomy
15	Inactive		Social Environment
	Response Actions		
	15.01	Management Strategy	Status
		MITIGATE	COMPLETE
	15.02	Management Strategy	Status
		MITIGATE	COMPLETE

Risk ID	Risk Status		Risk Taxonomy
16	Active		Environmental and Social Safeguards
	Response Actions		
	16.01	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
17	Active		Governance Framework
	Response Actions		
	17.01	Management Strategy	Status
		MITIGATE	ACTIVE
	17.02	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
18	Active		Environmental and Social Safeguards
	Response Actions		
	18.01	Management Strategy	Status
		AVOID	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
19	Active		Governance Framework
	Response Actions		
	19.01	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
20	Active		Planning
	Response Actions		
	20	Management Strategy	Status

Risk ID	Risk Status		Risk Taxonomy		
21	Active		Planning		
	Response Actions				
	21.01	Management Strategy		Status	
		MITIGATE		ACTIVE	

Risk ID	Risk Status		Risk Taxonomy		
22	Inactive		Planning		
	Response Actions				
	22	Management Strategy		Status	

Risk ID	Risk Status		Risk Taxonomy
23	Active		Economic and Financial Environment
	Response Actions		
	23.01	Management Strategy	Status
		ACCEPT	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
24	Active		Economic and Financial Environment
	Response Actions		
	24.01	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
25	Active		Economic and Financial Environment
	Response Actions		
	25.01	Management Strategy	Status
		MITIGATE	ACTIVE

IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories
Cost and Budgetary Aspects
Project Monitoring & Evaluation