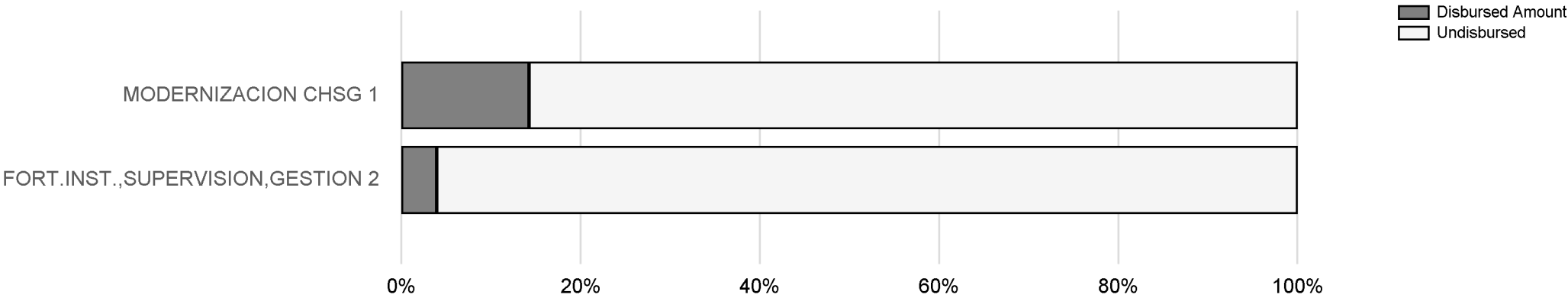


PMR Public Report

Operation Number	RG-L1124	Chief of Operations Validation Date	10/14/22
Year- PMR Cycle	First period Jan-Jun 2022	Division Chief Validation Date	
Last Update	09/30/22	Country Representative Validation Date	
PMR Validation Stage	Validated by Chief of Operations		
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 aspectos socioambientales y de salud y seguridad ocupacional (SYSO) de las obras de la operación. Se incluyen en los pliegos de licitación los requerimientos socioambientales correspondientes. Los incidentes de SYSO son reportados e investigados adecuadamente. Respecto al Plan de Seguridad de Presas, se registran avances en actividades con presupuesto propio (ej: reuniones técnicas, estudios físicos estructurales, microgeodesia). Se ha enviado el Plan de Seguridad de Presas a CTMSG versión definitiva para su aprobación. Se está próximo a elaborar los EIAS para las intervenciones de protección costera en ambas márgenes del río Uruguay y su posterior tramitación de autorización ambiental.		

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	26,474,001.64	33.09%	53,525,998.36
Aggregated	80,000,000	80,000,000	0	0	80,000,000	80,000,000	26,474,001.64	33.09%	53,525,998.36

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	8,046,649
			A	2	3	761,115.2	3,699,803.2
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	8,692,579
			A	-	-	82,247	1,386,134
1.03	Producto 3: Sistemas de izaje renovados	# sistemas	P	-	2	2,624,000	7,660,000
			P (a)	-	2	960,000	6,008,585
			A	-	1	-	1,208,585
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	989,124
			A	-	1	34,316	872,438
1.07	Producto 7: Bancos de transformadores principales reemplazados	# bancos	P	-	1	2,832,000	7,440,000
			P (a)	-	1	2,400,000	6,000,000
			A	-	-	-	-
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	38,139,732
			A	-	-	818,108	7,256,674
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	1,255,283
			A	-	1	270,633	685,644
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)	-	3	1,528,552	2,466,622
			A	-	-	-	192,790
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	1,879,469
			A	-	-	-	-
1.12	Producto 12: Plan de gestión de activos implementados	# Planes	P	1	1	221,000	260,000
			P (a)	-	-	-	-
			A	-	-	-	-

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	5	1,850,000	4,650,000
			A	-	1	778,766	990,286

Other Cost				
	Auditoria	P	80,000	300,000
		P (a)	77,380	300,000
		A	27,106	55,034
	Contingencias	P	753,800	3,179,000
		P (a)	514,976	1,571,957

	Contingencias	A	0	0
Total Cost				
	Total Cost	P	23,068,790	80,000,000
		P (a)	25,485,144	80,000,000
		A	2,772,291.2	16,347,388.2

CHANGES TO THE MATRIX					
Section	Name	Type of Change	Sub type	Modified By	Entered in System
Output	Producto 13: Planes de fortalecimiento institucional implementados (Capacidades gerenciales, comunicación y género , digitalización y gestión del riesgo)	Modify Output	Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	MSOFIAL	9/29/2022
			Modify Physical Historical Actual	MSOFIAL	9/29/2022

RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy
3	Active		Human Resources
	Response Actions		
	3.1	Management Strategy	Status
		MITIGATE	COMPLETE
	3.2	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
6	Active		Human Resources
	Response Actions		
	6.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
9	Inactive		Governance Framework
	Response Actions		
	9.0	Management Strategy	Status
		-	

Risk ID	Risk Status		Risk Taxonomy
12	Active		Environmental and Social Safeguards
	Response Actions		
	12.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
15	Active		Economic and Financial Environment
	Response Actions		
	15.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy		
18	Inactive		Governance Framework		
	Response Actions				
	18.0	Management Strategy		Status	
		-			

Risk ID	Risk Status		Risk Taxonomy		
21	Active		Planning		
	Response Actions				
	21.0	Management Strategy		Status	
		-			

Risk ID	Risk Status		Risk Taxonomy		
24	Active		Environmental and Social Safeguards		
	Response Actions				
	24.1	Management Strategy		Status	
		MITIGATE		ACTIVE	

Risk ID	Risk Status		Risk Taxonomy
27	Active		Environmental and Social Safeguards
	Response Actions		
	27.1	Management Strategy	Status
		AVOID	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
30	Active		Environmental and Social Safeguards
	Response Actions		
	30.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
33	Inactive		Governance Framework
	Response Actions		
	33.1	Management Strategy	Status
		MITIGATE	INACTIVE

Risk ID	Risk Status		Risk Taxonomy
36	Active		Governance Framework
	Response Actions		
	36.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy		
39	Inactive		Social Environment		
	Response Actions				
	39.1	Management Strategy		Status	
		MITIGATE		ACTIVE	
	39.2	Management Strategy		Status	
		MITIGATE		ACTIVE	

Risk ID	Risk Status		Risk Taxonomy
41	Inactive		Social Environment
	Response Actions		
	41.0	Management Strategy	Status
		-	

Risk ID	Risk Status		Risk Taxonomy
43	Active		Social Environment
	Response Actions		
	43.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy		
45	Active		Governance Framework		
	Response Actions				
	45.1	Management Strategy		Status	
		MITIGATE		ACTIVE	
	45.2	Management Strategy		Status	
		MITIGATE		ACTIVE	

Risk ID	Risk Status		Risk Taxonomy
47	Inactive		Planning
	Response Actions		
	47.0	Management Strategy	Status
		-	

Risk ID	Risk Status		Risk Taxonomy
49	Active		Economic and Financial Environment
	Response Actions		
	49.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
51	Active		Economic and Financial Environment
	Response Actions		
	51.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
53	Active		Human Resources
	Response Actions		
	53.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
55	Active		Economic and Financial Environment
	Response Actions		
	55.1	Management Strategy	Status
		ACCEPT	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
57	Active		Planning
	Response Actions		
	57.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
59	Active		Economic and Financial Environment
	Response Actions		
	59.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
61	Active		Governance Framework
	Response Actions		
	61.1	Management Strategy	Status
		MITIGATE	ACTIVE

IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories
Intra/Inter Coordination