

PMR Public Report

Operation Number	RG-L1124	Chief of Operations Validation Date	10/21/21
Year- PMR Cycle	First period Jan-Jun 2021	Division Chief Validation Date	
Last Update	10/01/21	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	MALAGON ORJUELA, EDWIN ANTONIO	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		

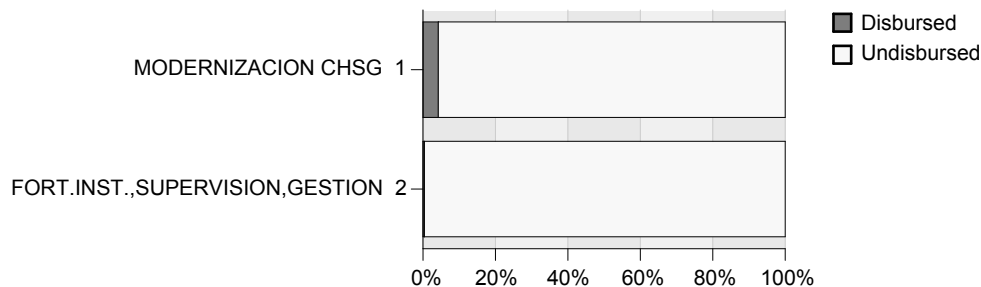
Environmental and Social Safeguards

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

Item	Total Cost and Source					Available Funds (US\$)			
	Original IDB	Current IDB	Local Counterpart	Co-Financing / Country	Total Original Cost	Current IDB	Disb. Amount to Date	% Disb	Undisbursed Amount
RG-L1124	80,000,000	80,000,000	0	0	80,000,000	80,000,000	12,916,336.24	16.15%	67,083,663.76
Aggregated	80,000,000	80,000,000	0	0	80,000,000	80,000,000	12,916,336.24	16.15%	67,083,663.76

Expense Categories by Loan Contract (cumulative values)



PMR Public Report

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		Target
1.1	Generación de ER Argentina	%	31.00	2017	2024	P	45.00
						A	0.00
Details							

Means of verification: Informe CAMMESA

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

Pro-Gender	No	Pro-Ethnicity	No
<p>The General Development objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO)</p>			

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
1.2	Generación de ER Uruguay	%	98.00	2017	2024	P	98.00
						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.

Pro-Gender	No	Pro-Ethnicity	No
<p>The General Development objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO)</p>			

PMR Public Report

RESULTS MATRIX

General Development Objectives

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		Target
2.1	Emisiones CO2 equivalente evitadas	TonCO2 eq	0.00	2018	2024	P	199,416.00
						A	0.00

Details

Means of verification: Informe de operación CHSG

Pro-Gender	No	Pro-Ethnicity	No
<p>The General Development objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO)</p>			

PMR Public Report

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	%	93.40	2018	P	91.05	91.05		91.05
					A				0.00
Details									
Means of verification: Informe de operación CHSG									
Pro-Gender		No	Pro-Ethnicity				No		

Indicator		Unit of Measure	Baseline	Baseline Year		2021	2023	2024	EOP 2024
1.1	1.2 Indisponibilidad forzada - generación	%	0.41	2018	P	0.41	0.41		0.41
					A				0.00
Details									
Means of verification: Informe de operación CHSG									
Pro-Gender		No	Pro-Ethnicity				No		

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	99.60	99.60		99.60
					A				0.00
Details									
Means of verification: Informe de operación CHSG									
Pro-Gender		No	Pro-Ethnicity				No		

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	%	0.00	2018	P	0.00	0.00		0.00
					A				0.00
Details									
Means of verification: Informe de operación CHSG									
Pro-Gender		No	Pro-Ethnicity				No		

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

Observation:

PMR Public Report

RESULTS MATRIX

Specific Development Objectives

Indicator		Unit of Measure	Baseline	Baseline Year		2021	2023	2024	EOP 2024
2.1	2.1 Índice de Condición HydroAmp	#	7.20	2018	P	7.20	9.40		9.40
					A				0.00
Details									
Means of verification: Informe anual CTM									
Pro-Gender		No			Pro-Ethnicity		No		

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	#	0.00	2018	P	1.00	1.00		1.00
					A				0.00
Details									
Means of verification: Evaluación Intermedia									
Pro-Gender		No	Pro-Ethnicity		No				

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

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

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2021	EOP 2024	2021	EOP 2024
1.1	Producto 1: Reguladores de velocidad modernizados	# unidades	P		14	1,994,900	9,400,000
			P(a)		14	2,368,000	7,601,766
			A		0	62,132	2,565,898
1.2	Producto 2: Sistemas hidromecánicos del vertedero y de las casas de máquinas modernizados	# sistemas	P		2	4,421,000	9,350,000
			P(a)		2	1,744,703	10,105,000
			A		0	0	0
1.3	Producto 3: Sistemas de izaje renovados	# sistemas	P		2	3,444,000	7,660,000
			P(a)		2	362,400	8,365,000
			A		0	30,241	30,241
1.4	Producto 4: Sistemas auxiliares mecánicos modernizados	# sistemas	P		3	1,053,257	2,050,000
			P(a)		3	389,000	2,049,999
			A		0	0	0
1.5	Producto 5: Sistemas auxiliares eléctricos modernizados	# sistemas	P		1	268,000	450,000
			P(a)		1	0	450,000
			A		0	0	0
1.6	Producto 6: Sistemas de control modernizados	# sistemas	P		2	2,115,793	7,311,000
			P(a)		2	323,000	7,221,141
			A		0	0	573,976
1.7	Producto 7: Bancos de transformadores principales reemplazados	# bancos	P		1	648,000	7,440,000
			P(a)		1	1,200,000	7,200,000
			A		0	0	0
1.8	Producto 8: Sistemas de comunicación, control, protecciones y compensación del cuadrilátero de transmisión de 500 kV renovados.	# sistemas	P		5	4,823,500	19,130,000
			P(a)		5	6,462,520	20,535,000
			A		0	68,631	68,631
1.9	Producto 9: Sistemas de infraestructura civil de la central mejoradas	# sistemas	P		4	1,636,000	3,690,000
			P(a)		4	881,374	3,320,000
			A		0	0	0
1.10	Producto 10: Acciones de mejoras de la gestión ambiental y social implementadas	# acciones	P		3	1,521,487	3,210,000
			P(a)		3	282,000	3,135,000
			A		0	74,150	74,150
1.11	Producto 11: Estudios para la rehabilitación del grupo turbina-generador completados	# estudios	P		2	595,000	1,880,000
			P(a)		2	27,000	1,880,000
			A		0	0	0
1.12	Producto 12: Plan de gestión de activos implementados	# planes	P		1	39,000	260,000
			P(a)		1	0	260,000
			A		0	0	0

Component Nbr. 2 Componente II. Fortalecimiento Institucional y Supervisión

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2021	EOP 2024	2021	EOP 2024
2.1	Producto 13: Planes de fortalecimiento institucional implementados (Capacidades gerenciales, comunicación y género , digitalización y gestión del riesgo)	# planes	P		4	1,686,000	4,690,000
			P(a)		4	1,295,866	4,687,800
			A		0	0	22,800

Other Cost

	Auditoria	P			60,000	300,000
		P(a)			60,000	300,000
		A			27,928	27,928
	Contingencias	P			867,600	3,179,000
		P(a)				2,889,294
		A			0	0

Total Cost

	Total Cost	P			25,173,537	80,000,000
		P(a)			15,395,863	80,000,000
		A			263,082	3,363,624

CHANGES TO THE MATRIX

No information available for this section

RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy
1	Active		Human Resources
	Response actions		
	1.1	Management Strategy	Status
		MITIGATE	ACTIVE
Risk ID	Risk Status		Risk Taxonomy
2	Active		Human Resources
	Response actions		
	2.1	Management Strategy	Status
		MITIGATE	ACTIVE
Risk ID	Risk Status		Risk Taxonomy
3	Inactive		Governance Framework
	Response actions		
	3.0	Management Strategy	Status
		-	
Risk ID	Risk Status		Risk Taxonomy
4	Active		Environmental and Social Safeguards
	Response actions		
	4.1	Management Strategy	Status
		MITIGATE	ACTIVE
Risk ID	Risk Status		Risk Taxonomy
5	Active		Economic and Financial Environment
	Response actions		
	5.1	Management Strategy	Status
		MITIGATE	ACTIVE

RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy
6	Inactive		Governance Framework
	Response actions		
	6.0	Management Strategy	Status
		-	
Risk ID	Risk Status		Risk Taxonomy
7	Active		Planning
	Response actions		
	7.0	Management Strategy	Status
		-	
Risk ID	Risk Status		Risk Taxonomy
8	Active		Environmental and Social Safeguards
	Response actions		
	8.1	Management Strategy	Status
		AVOID	ACTIVE
Risk ID	Risk Status		Risk Taxonomy
9	Active		Political Environment
	Response actions		
	9.1	Management Strategy	Status
		AVOID	ACTIVE
Risk ID	Risk Status		Risk Taxonomy
10	Active		Environmental and Social Safeguards
	Response actions		
	10.1	Management Strategy	Status
		MITIGATE	ACTIVE

RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy
11	Inactive		Governance Framework
	Response actions		
	11.1	Management Strategy	Status
		MITIGATE	INACTIVE

Risk ID	Risk Status		Risk Taxonomy
12	Inactive		Governance Framework
	Response actions		
	12.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
13	Active		Social Environment
	Response actions		
	13.1	Management Strategy	Status
		MITIGATE	ACTIVE
	13.2	Management Strategy	Status
		MITIGATE	ACTIVE

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IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories
Acquisitions and Procurement - Bidding Stage
Project Monitoring & Evaluation