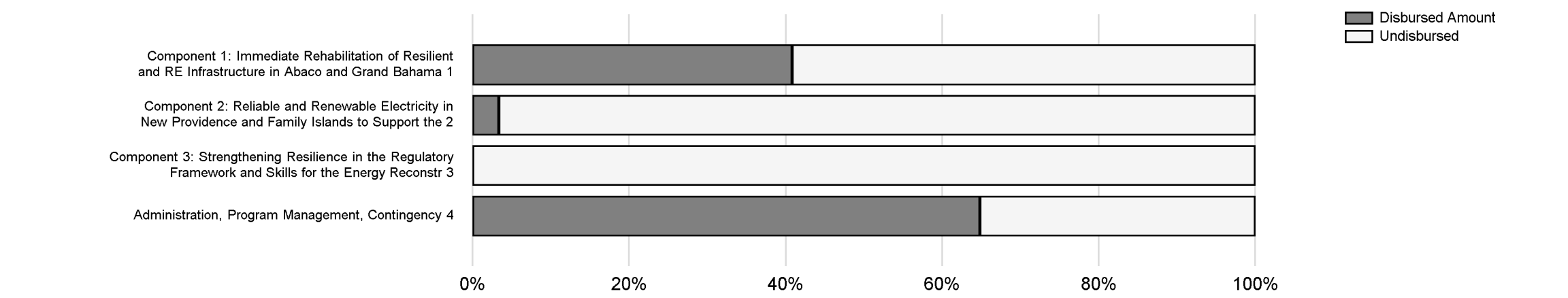


PMR Public Report

Operation Number	BH-L1048	Chief of Operations Validation Date	04/16/23
Year- PMR Cycle	Second period Jan-Dec 2022	Division Chief Validation Date	04/25/23
Last Update	04/12/23	Country Representative Validation Date	04/30/23
PMR Validation Stage	Validated by Representative		

Basic Data			
Operation Profile			
Operation Name	Reconstruction with Resilience in the Energy Sector in The Bahamas	Loan Number	4978/OC-BH
Executing Agency	MINISTRY OF FINANCE	Sector/Subsector	ENERGY-ENERGY EFFICIENCY AND RENEWABLE ENERGY IN END USE
Team Leader	AIELLO, ROBERTO GABRIEL	Overall Stage	Disbursing (From eligibility until all the Operations are closed)
Operation Type	Loan Operation	Country	Bahamas
Lending Instrument	Investment Loan	Convergence related Operation(s)	
Borrower	THE COMMONWEALTH OF THE BAHAMAS		
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	The Executing Agency has an ESHS consultant on board. The Environmental and Social requirements for project implementation have been identified and agreed upon; the executing agency and the project team regularly liaise with the ESG Team regarding management approach, requirements and report on progress. Site visit needed to confirm adequate management and implementation of ESMPs.		

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
BH-L1048	80,000,000	80,000,000	0	0	80,000,000	80,000,000	33,552,850.28	41.94%	46,447,149.72
Aggregated	80,000,000	80,000,000	0	0	80,000,000	80,000,000	33,552,850.28	41.94%	46,447,149.72
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. 0: To support the GoBH with the rehabilitation of critical energy infrastructure and restoration of electricity service in targeted islands heavily affected by hurricane Dorian, while facilitating the integration of Renewable Energy

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2024	
0.0	RE generation installed	MW	2	2019	2024	P	500
						A	-

Details

Means of Verification: Report from PEU

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	2.22 Installed power generation capacity from renewable sources (MW) (C)				
Indicator				Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2024	
0.1	Emissions avoided annually due to RE generation			MW	2195	2019	2024	P	28,385
								A	-
Details									

Means of Verification: Report from PEU

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: Support the rehabilitation of the electricity T&D system and installation of new and resilient RE capacity in Abaco and EGB													
Observation:													
	Indicator			Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	EOP 2024
1.0	Potential customers that can be effectively connected due to the infrastructure restored in Abaco			# of customers	0	2019	P	-	1,125	1,125	1,125	3,375	3,375
							A	-	-	-	-	-	-
Details													
Means of Verification: Report from PEU													
Observations:													
Evaluation Methodology: -													
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator									
	Indicator			Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	EOP 2024
1.1	Potential customers that can be effectively connected due to the infrastructure restored with RE systems in EGB			# of customers	0	2019	P	-	-	132	198	330	330
							A	-	-	-	-	-	-
Details													
Means of Verification: Report from GoBH designated authority													
Observations:													
Evaluation Methodology: -													
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator									
Specific Development Objectives Nbr. 2: Promote the adoption of solar PV technologies in the FI													
Observation:													
	Indicator			Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	EOP 2024
2.0	Expansion of RE installed capacity in FI			kW	0	2019	P	-	600	3,300	6,000	9,900	9,900
							A	-	-	-	-	-	-
Details													
Means of Verification: Report from GoBH designated authority													
Observations:													
Evaluation Methodology: -													
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator									
Specific Development Objectives Nbr. 3: Contribute to the improvement of the regulatory framework for RE technologies and the mechanisms for its deployment													
Observation:													
	Indicator			Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	EOP 2024
3.0	RE Entity established and operational			#	0	2019	P	-	-	-	1	1	1
							A	-	-	-	-	-	-
Details													
Means of Verification: Gazette of the GoBH													
Observations:													
Evaluation Methodology: -													
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator									

	Indicator		Unit of Measure	Baseline	Baseline Year	2020	2021	2022	2023	2024	EOP 2024
3.2	SSRG regulation improvements approved by URCA	#	0	2019	P	-	-	-	1	1	1
					A	-	-	-	-	-	-

Details

Means of Verification: URCA documentation introducing the regulations

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator		Unit of Measure	Baseline	Baseline Year	2020	2021	2022	2023	2024	EOP 2024
3.2	Share of individuals that participated in trainings on installation of PV that completed the training and got certified	%	0	2019	P	-	75	75	75	75	75
					A	-	-	-	-	-	-

Details

Means of Verification: Certification issued by designated GoBH authority

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator		Unit of Measure	Baseline	Baseline Year	2020	2021	2022	2023	2024	EOP 2024
3.3	Percentage of women hired in technical positions in the RE Entity company	%	0	2019	P	-	-	-	20	20	20
					A	-	-	-	-	-	-

Details

Means of Verification: Report from PEU

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Component # 1: Immediate Rehabilitation to Introduce More Resilient and RE Infrastructure in Abaco, GB and New Providence

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2024	2022	EOP 2024
1.01	T&D resilient systems reconstructed or rehabilitated in Abaco (infrastructure)	# system	P	4	9	17,863,073.11	34,180,753.92
			P (a)	4	5	8,525,521.38	21,823,246.2
			A	-	4	3,067,367.74	13,747,500.77
1.02	Resilient mini-grids projects constructed in East Grand Bahama	# kW	P	-	330	4,403,555.53	4,901,358
			P (a)	-	330	160,000	6,100,550
			A	-	-	-	-

Component Nbr. 2 Component # 2: Reliable and Renewable Electricity in NP and FI

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2024	2022	EOP 2024
2.01	Feasibility studies of RE potential across the FI	# study	P	6	10	600,000	1,000,000
			P (a)	6	10	568,097.8	558,500
			A	-	4	-	-
2.02	Solar PV and hybrid (storage) installations built in the Family Islands	# project	P	-	12	3,466,473.91	31,969,638.35
			P (a)	-	10	-	23,971,001.11
			A	-	-	-	-
2.03	Solar rooftop PV installations built in New Providence, including O&M funded by the Loan	# building	P	-	10	20,430	3,121,905
			P (a)	10	10	2,316,216.56	1,988,961.94
			A	-	4	760,918.98	1,091,084.38

Component Nbr. 3 Component # 3: Set-up of the REE and Enabling Environment for RE

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2024	2022	EOP 2024
3.01	Framework design for the implementation of the SPV (Proposal)	# design	P	-	1	345,300	1,151,000
			P (a)	-	1	33,335	805,700
			A	-	-	-	-
3.02	Study on potential improvements on the regulatory framework for implementation of solar PV and hybrid systems	# study	P	1	2	50,000	100,000
			P (a)	1	1	70,000	580,000
			A	-	1	-	-
3.03	Training courses in installation and maintenance of solar PV to foster local participation in these services	# training	P	1	3	25,000	75,000
			P (a)	1	2	25,000	300,000
			A	-	1	-	-
3.04	Projects profiles prepared on potential RE projects that can have private sector participation from Bahamian individuals	project profile	P	2	5	75,000	250,000
			P (a)	2	5	-	255,000
			A	-	-	-	-
3.05	Livelihood training in services supply chain and solutions within the solar industry for women conducted	# training	P	1	1	25,000	25,000
			P (a)	1	-	12,500	25,000
			A	-	-	-	-
3.06	Prevention of sexual harassment and GBV trainings for all the contracting companies and PEU implemented	# training	P	1	3	8,333	25,000
			P (a)	1	2	8,333	16,667
			A	-	1	-	-

Other Cost				
	Administrative cost/Support consultants PEU	P	923,422	2,980,344.73
		P (a)	917,172.33	2,755,188.89
		A	427,039	1,150,011.55
	Auditing, Monitoring and Evaluations	P	30,000	220,000
		P (a)	40,000	180,000
		A	0	0
Total Cost				
	Total Cost	P	27,835,587.55	80,000,000
		P (a)	12,676,176.07	59,359,815.14
		A	4,255,325.72	15,988,596.7

CHANGES TO THE MATRIX

Section	Name	Type of Change	Sub type	Modified By	Entered in System
Output	Feasibility studies of RE potential across the FI	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	IRATIJ	4/5/2023
	Framework design for the implementation of the SPV (Proposal)	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	IRATIJ	4/5/2023
	Projects profiles prepared on potential RE projects that can have private sector participation from Bahamian individuals	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	IRATIJ	4/5/2023
	Resilient mini-grids projects constructed in East Grand Bahama	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	IRATIJ	4/5/2023
	Solar PV and hybrid (storage) installations built in the Family Islands	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	IRATIJ	4/5/2023
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	IRATIJ	4/5/2023
	Solar rooftop PV installations built in New Providence, including O&M funded by the Loan	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	IRATIJ	4/5/2023
	Study on potential improvements on the regulatory framework for implementation of solar PV and hybrid systems	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	IRATIJ	4/5/2023
	T&D resilient systems reconstructed or rehabilitated in Abaco (infrastructure)	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	IRATIJ	4/5/2023
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	IRATIJ	4/5/2023
	Training courses in installation and maintenance of solar PV to foster local participation in these services	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	IRATIJ	4/5/2023

RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy		
1	Active		Political Environment		
	Response Actions				
	1	Management Strategy		Status	

IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories
Project Management Capacity
Acquisitions and Procurement - Bidding Stage