



Operation Number: **BA-L1025**
Year- PMR Cycle: **Second period Jan-Dec 2013**
Last Update: **7/3/2014**
PMR Validation Stage: **Validated by Representative**

Chief of Operations validation date: **07/04/2014**
Division Chief validation date: **07/07/2014**
Country Representative validation date: **07/10/2014**

Inter-American Development Bank - IDB
Office of Strategic Planning and Development Effectiveness

Operation Profile

Basic Data

Operation name:	Public Sector Smart Energy (PSSE) Program	Loan Number:	2748/OC-BA
Executing Agency (EA):	Division of Energy and Telecommunication s		
Team Leader:	Gischler Blanco,Christiaan	Sector/Subsector:	ENERGY EFFICIENCY AND RENEWABLE ENERGY IN END USE
Operation Type:	Loan Operation	Overall Stage:	Disbursing (From eligibility until all the loans are closed).
Lending Instrument:	Investment Loan	Country:	BARBADOS
Borrower:	BARBADOS	Convergence related Operation(s):	

Total Cost and Source

	Original IDB	Current Active IDB	Local Counterpart	Co-Financing/Country	Total operation cost - Original Estimate
BA-L1025	\$17,000,000.00	\$17,000,000.00	\$0.00	\$7,664,000.00	\$24,664,000.00

Available Funds (US\$)

	Current IDB	Disb. Amount to Date	% Disbursed	Undisbursed Balance
BA-L1025	\$17,000,000.00	\$0.00	0.00%	\$17,000,000.00

Environmental and Social Safeguards

Main Operation	
Impacts Category:	C
Safeguard Performance Rating:	
Safeguard Performance Rating - Rationale:	

Reformulation Information

Main Operation	
Was/Were the objective(s) of this operation reformulated?	NO
Date of approval:	

Results Matrix

Impacts

Impact:	1 PSSE Financial savings cumulative to date (real 2012 US\$).						
Observation:	Financial savings from the reduction in electricity purchased from BL&P by the GOBA, as well as the sale of electricity produced by the solar PV systems to BL&P, and reduction in fuel purchased for the GOBA vehicle fleet.						
Indicators	Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations	EOP

[illegible]

Indicators	Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations	EOP	
2.1 Electricity Saved through retrofits (energy efficient public lights and energy efficient equipment in public buildings) (MWh/year, MWh to date saved).		MWh	0.00	2012	Reports prepared by Government of Barbados Energy Division		P	28,608.00
							P(a)	28,608.00
	A							
Outcome:	3 Fossil Fuels Saved from the implementation of the pilot projects (barrels of oil equivalent).							
Observation:								
Indicators	Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations	EOP	
3.1 Fossil Fuels Saved from the implementation of the pilot projects (barrels of oil equivalent).		barrels of oil	0.00	2012	Reports prepared by Government of Barbados - Energy Division		P	240.00
							P(a)	240.00
	A							
Outcome:	4 public awareness increased in public sector for RE and EE							
Observation:								
Indicators	Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations	EOP	
4.1 Percentage of survey respondents participating at events that report high awareness and support of sustainable energy practices (Number of respondents that answered ?high awareness and support of sustainable energy?/ Total number of survey res		%	0.00	2012	Reports prepared by Government of Barbados - Energy Division		P	80.00
							P(a)	80.00
	A							

Outputs: Annual Physical and Financial Progress

RE and EE in public buildings		Physical Progress			Financial Progress		
Outputs	Unit of Measure	2013		EOP	2013		EOP
Share of national public lighting (EE street lights and traffic lights) with efficient technology (current number of EE street and traffic lights / total number of street and traffic lights).	%	P		260.00	P		9,977,638.00
		P(a)	0.00	260.00	P(a)	0.00	9,977,638.00
		A			A		
Number of retrofitted public buildings (aggregated).	Buildings	P		21.00	P		4,150,000.00
		P(a)	0.00	21.00	P(a)	0.00	4,150,000.00
		A			A		
Solar PV installed capacity in public buildings (aggregated, in kW).	kW	P		2,080.00	P		5,500,000.00
		P(a)	0.00	2,080.00	P(a)		5,500,000.00
		A			A		
Pilot projects		Physical Progress			Financial Progress		
Outputs	Unit of Measure	2013		EOP	2013		EOP
Number of Electric Vehicles combined with Solar PV Generation being used by GOBA (to date).	Electric vehicles	P		17.00	P		300,000.00
		P(a)	0.00	17.00	P(a)		300,000.00
		A			A		
capacity building		Physical Progress			Financial Progress		
Outputs	Unit of Measure	2013		EOP	2013		EOP
Number of events in public awareness or programs (and of participants), cumulative	events	P		4.00	P		798,000.00
		P(a)	0.00	4.00	P(a)		798,000.00
		A			A		
Number of Jobs created in ETD for implementing the PSSE Program	Positions	P		2.00	P		800,000.00
		P(a)	2.00	2.00	P(a)	100,000.00	800,000.00
		A			A		
Monitoring & Evaluation and Project							

Other Cost		2013	Cost
cost for Monitoring & Evaluation and Project management	P		
	P(a)		
	A		
Total Cost		2013	Total Cost
	P		\$21,525,638.00
	P(a)	\$100,000.00	\$7,476,638.00
	A		

Changes to the Matrix

No information related to this operation.

Please note that the Overall Stage represents the stage of the operation at the time of this report's publication, which might not necessarily match the stage of the operation during the PMR Cycle to which the report pertains.