

**OUR /CDB /USAID-CARCEP /High Commission of Canada
EMERGING REGULATORY ISSUES
WORKSHOP**

**2018 February 6 -7
Spanish Court Hotel (Worthington)**

**Examination of Productivity Measurement &
Renewable Energy Developments**

Topic	Discussion Leader(s)	Description
08:30	Registration	
DAY 1 - REGULATORY WORKSHOP [PARTICIPANTS:35]		
09:00	Introduction & Welcome	OUR/CDB Review of agenda and format for workshop.
09:20 - 10:00	The Role of the X-Factor & Productivity targets in Rate Setting	V. Ajodhia & K. Petrov (DNV.GL) An examination of the X-factor and productivity adjustments in promoting efficiency in utilities.
10:00 - 10:45	Productivity Benchmarking Techniques	V. Ajodhia & K. Petrov (DNV.GL) A comparative analysis of the various productivity benchmarking techniques available.
10:45 - 11:10	BREAK	
11:10 - 11:40	Selection of a Productivity Technique	V. Ajodhia & K. Petrov (DNV.GL) Criteria for selecting and adapting an appropriate productivity methodology.
11:40 - 12:05PM	Data Collection & Validation Process	V. Ajodhia & K. Petrov (DNV.GL) The approach to data collection for productivity studies.
12:05 - 01:00	Uni-Dimensional & Multi-Dimensional Analysis	V. Ajodhia & K. Petrov (DNV.GL) An practical step by step outline of the Uni-Dimensional & Multi-Dimensional analyses recommended for Jamaica.
01:00 - 02:00	LUNCH	
02:00 - 02:45	Using Productivity targets under Price-cap & Revenue Yield Mechanisms	V. Ajodhia & K. Petrov (DNV.GL) An examination of how productivity targets may be integrated into price cap and revenue yield regimes.
02:45 - 03:30	Regulatory Evaluation and Use of Productivity Data from Utilities	T. Welch (CARCEP) An examination of actual productivity performance by utilities.
03:30 - 03:50	BREAK	
03:50 - 04:30	Interactive Group Discussion Case Studies	CARCEP facilitation Review of Case Studies that examine the relevance of productivity targets to rate setting in the Caribbean.
04:30	Closing Remarks	C. Wilson (OUR)

Topic	Discussion Leader(s)	Description
DAY 2 - REGULATORY WORKSHOP [PARTICIPANTS:35]		
09:00	Introduction & Welcome	OUR/CDB Review of agenda and format for workshop.
09:00 - 10:00	Solar PV Technology & how it is changing the Electricity Market	X. Gordon & G. Thompson (Xergy) An examination of the evolution of Solar PV technology and its impact on residential and industrial consumption, and possible future technical and economic impacts on utility grid operations.
10:00 - 11:00	Energy Storage & how it is changing the Electricity Market	(Fluence) An examination of the evolution of energy (battery) storage technology and how it is redefining the electricity grid, and possible future technical and economic impacts on utility grid operations.
11:00 - 11:20	BREAK	
11:20 - 12:00	The Development of Renewable Energy (RE) Market in Jamaica	C. Francis (OUR) An assessment of policies and regulatory framework in Jamaica and how it has shaped the development of Renewable Energy.
12:00 - 01:00	Regulatory Management In the Face of Technological and Economic Disruptions In Electricity Sector	T. Welch (CARCEP) Discussion on the importance of regulatory flexibility in the context of disruptive technologies.
01:00 - 02:00	LUNCH	
02:00 - 02:45	Electric Vehicle (EV)Technology & Infrastructure Development and its implications for the existing Electricity Grid	X. Gordon & G.Thompson (Xergy) An examination of the evolution of Electric Vehicles and impact on residential and industrial consumption, RE installations, and V2G storage options for the Smart Grid in the future.
02:45 - 3:30	Regulatory Issues in addressing the EV Technology	A. Hewitt (OUR) How should the regulator address current and future implications of Electric Vehicles for the electric grid, utility operations, and tariffs?
03:30 - 03:50	BREAK	
3:50 - 4:40	Interactive Group Discussion on EVs and How the Regulator Can Prepare for electricity grid and tariff impacts	CARCEP facilitation Facilitated discussion around the information needed by regulators to address current and future introductions of EVs and charging stations and how Caribbean regulators can effectively network information and solutions.
04:40	Closing Remarks	A. Hewitt (OUR)