

Westin Resort & Casino, October 9-11, 2013

PRELIMINARY CONFERENCE AGENDA

AGENDA OVERVIEW

Wednesday, October 9th, 2013

08:00-20:00 - Registration Open

09:00-17:00 - Green Aruba (Optional Registration)

09:00-17:00 - Pre-CREF Government/Multilateral Side Meetings (Invitation Only)

19:00-22:00 - Opening CREF 2013 Welcome Reception (All Delegates)

Thursday October 10th, 2013

08:15-18:00 - CREF 2013 (All Delegates)

18:00-20:00 - Networking Reception (All Delegates)

Friday October 11th, 2013

08:00-18:00 - CREF 2013 (All Delegates)

18:00 - Conference Close

WEDNESDAY OCTOBER 9

19:00-22:00 **OPENING CREF NETWORKING RECEPTION**

Hosted by WEB Aruba

THURSDAY OCTOBER 10

08:15-09:00 **CREF 2013 OPENING CEREMONY**

ARUBA OPENING KEYNOTE ADDRESS

RT. HON. MIKE EMAN

PRIME MINISTER, GOVERNMENT OF ARUBA

WELCOME REMARKS

AMBASSADOR ALBERT R. RAMDIN

ASSISTANT SECRETARY GENERAL, ORGANIZATION OF AMERICAN STATES (OAS)

- 09:00-10:15 **THE POLICY-MAKERS DEBATE: HOW DOES GAS CHANGE THE EQUATION?**
 Government Ministers will discuss – in an interactive, presentation-free environment – the challenges of framing energy policy in 2013. On the table for discussion: how gas changes the energy equation, the geopolitical environment, the future of Petrocaribe, the challenges of a regional approach to energy, and how far governments should go to promote the adoption of renewables.
Hon. José María Figueres, CEO, Carbon War Room; former President of Costa Rica
Sen. The Hon. Darcy Boyce, Minister in the Prime Minister’s Office, Government of Barbados
Hon. Ing. Mike E. de Meza, Minister of Finance, Communication, Utilities and Energy, Government of Aruba
- 10:15-10:45 **NETWORKING BREAK IN EXHIBITION HALL**
- 10:45-12:00 **THE UTILITIES: IT’S ALL ABOUT ECONOMICS**
 The generation and distribution of electricity in the Caribbean in today’s volatile environment is not for the faint of heart. This panel will gather regional and international utilities and experts to discuss new models for long-term profitability which incorporate both distributed and utility scale renewables.
Julia Hamm, President & CEO, Solar Electric Power Association - USA
Hugo V. Hodge Jr., Executive Director (CEO), Virgin Islands Water and Power Authority – USVI
Franklin A. Hovertsz, Managing Director, Utilities Aruba - Aruba
Peter Lilienthal, CEO, Homer Energy - USA
- 12:00-13:30 **NETWORKING LUNCH**
- 13:30-14.45 **NOTHING SUCCEEDS LIKE SUCCESS: ISLAND CASE-STUDIES**
Session hosted in collaboration with the International Renewable Energy Agency (IRENA)
 Insights and lessons learned from three island jurisdictions that have aggressively and successfully pursued utility scale and distributed renewables.
- 14.45-15.30 **RANKING THE CARIBBEAN: REGIONAL COMPETITIVENESS IN RENEWABLES**
 Featuring the CREF/Castalia 2013 Renewable Island Index, the annual ranking of the Caribbean based on investability in RE, this session will assess progress towards energy diversification over the past 12 months. The session will present investors with a clear view of which jurisdictions are moving aggressively to develop RE, and will provide governments with tools and insights to drive the flow of investment into renewable projects.
Gianmarco Servetti, Practice Leader – Renewable Energy and Energy Efficiency, Castalia Strategic Advisors – USA
Joseph Williams, Programme Manager, Energy, CARICOM - Guyana

15:30-16:00

NETWORKING BREAK IN EXHIBITION HALL

<p>16:00-17:00</p>	<p>FINANCING RENEWABLES: THE BUCK STOPS HERE</p> <p>There is no shortage of capital for the right RE projects in the Caribbean. There is a shortage of bankable PPAs. Running a world-class RFP/PPA is as important as the approach to capital. For utilities and governments, what defines best practice? For developers, what financing structures/sources unique to Caribbean projects are available (e.g. regional commercial banks, multilaterals)?</p> <p>Lynn Tabernacki, Managing Director, Renewable Energy and Sustainable Development, OPIC - USA</p> <p>Wilson Rickerson, CEO, Meister Consultants Group – USA</p> <p>Joseph Salvatore, Lead Analyst, Clean Energy Economics & Capital Markets, Bloomberg New Energy Finance - USA</p>	<p>THE CARIBBEAN GRID: THE NEXT GENERATION</p> <p>The modern grid is evolving fast and a universal approach to managing energy incorporating smart controls, LED lighting, net metering, energy storage and electric vehicles is emerging. How should Caribbean leaders incorporate “smart” into their long range planning today? How can we “pilot” this approach in the Caribbean? A panel of thought-leaders will draw from the cutting edge of technology to create a picture of a smart, efficient, connected island grid.</p> <p>Kerinia Cusick, Managing Director, Government Affairs, SunEdison – USA</p> <p>Robert Jan-Moons, Director, Special Projects, TNO – Aruba/Netherlands</p> <p>Adam Warren, Group Manager, Project Development & Finance, National Renewable Energy Laboratory (NREL) – USA</p>
<p>17:00-18:00</p>	<p>DISSECTING THE DEAL</p> <p>Deconstructing the successful financing of a utility scale renewable energy project from PPA to deal closing.</p>	<p>ENERGY EFFICIENCY & THE UTILITY</p> <p>No-one disputes that energy efficiency programs represent the “low-hanging fruit”. Implementation, though, requires an alignment of interest between utility, government and consumer. How do we frame an energy-efficient future that also translates into a workable business model for Caribbean utilities?</p> <p>Peter Boyd, COO, Carbon War Room; Expert Chair, UK Energy Efficiency Deployment Office (EEDO) - UK</p> <p>Harry Verhaar, Head of Global Public & Government Affairs, Philips Lighting – The Netherlands</p>

18:00-20.00

NETWORKING RECEPTION

FRIDAY OCTOBER 11

08:30-09:00 **OPENING KEYNOTE ADDRESS**

09:00-17:30 **PARALLEL SESSIONS: COUNTRY ROADSHOW & TECHNOLOGY TRACKS**

COUNTRY ROADSHOWS	THE TECHNOLOGY TRACK
<p>Transparency is everything. Across a series of regional markets, these sessions will provide developers with clear insight into opportunities for engagement and investment.</p> <ul style="list-style-type: none"> - Current supply/demand - Current penetration of renewables, plus short and long range objectives - Government position on renewables; key policy initiatives - Utility position on renewables - Regulatory environment - Government policy on distributed generation - Key coordinating agencies/individuals 	<p>Knowledge is key. What new technologies are emerging and are they deployable in the Caribbean? What are trends in technology pricing? These sessions will provide substantive tools for governments and utilities.</p> <ul style="list-style-type: none"> - Latest technologies - Challenges to implementation/deployment - Key financing, regulatory issues - Pricing trends - Case-studies of successful deployment - Distributed & utility scale

<p>09:00-10:00</p>	<p>PUERTO RICO</p> <p><i>Puerto Rico is widely regarded as one of the hottest markets for renewables in the region. What is the new Administration's position on RE? What is PREPA's perspective? What news on the MTRs? What opportunities currently exist for investment in renewables in PR?</i></p> <p>Juan Alicea, PE, Executive Director, Puerto Rico Electric Power Authority (PREPA)</p> <p>Carlos Fernández Lugo, Chair, Environmental, Energy and Land Use Practice Group, McConnell Valdés LLC – Puerto Rico</p>	<p>WIND</p> <p><i>Utility scale, distributed, or community wind? Right-sizing the technology to the resource to the demand. What makes for a bankable wind project and how do the economics compare to solar?</i></p> <p>Martina Dabo, Director Business Development, CUBE Engineering – Germany</p> <p>Paul Dawson, Director of Sales & Marketing, Americas, Northern Power Systems</p> <p>Adrian Katzew, Vice President & General Manager, Mexico, Central America & Caribbean, Vestas</p> <p>Miguel Toledo, Principal Investment Officer, International Finance Corporation (IFC) – USA</p> <p>Wim van der Veen, Senior Consultant, DNV KEMA Energy & Sustainability – The Netherlands</p>
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10:00-10:30

NETWORKING BREAK IN EXHIBITION HALL

<p>10:30-11:30</p>	<p>JAMAICA <i>Widely regarded as one of the most progressive markets in the region, the OUR recently announced an RFP for the purchase of 115MW of renewable energy. Exploring the government position on renewables, the role of JPSCO, and opportunities for international investment.</i></p>	<p>SOLAR <i>Is utility scale solar viable in the Caribbean? Which regional markets are most effectively encouraging the deployment of distributed solar and how? What makes for bankable solar projects? What examples can we point to?</i> Elias Behar, Regional Manager, Latin America & Caribbean, SolarWorld Americas - USA Torsten Wetzel, Head of Business Development, Distributed Generation, Siemens AG – Germany Craig O'Connor, Director, Office of Renewable Energy & Environmental Exports, U.S. Exim Bank</p>
<p>11:30-12:30</p>	<p>BERMUDA <i>In a recent statement to the press, Minister Grant Gibbons acknowledged that progress in Bermuda had been patchy. He went on to acknowledge the potential of utility scale solar, wind and ocean technologies, as well as the importance of distributed generation and energy storage. Is this a watershed moment for the development of RE in Bermuda? What opportunities exist for developers?</i> Jeane Nikolai, Director of Energy & Telecommunications, Ministry of Economic Development, Government of Bermuda</p>	<p>ENERGY STORAGE <i>A new era of renewables in the Caribbean translates into long-term challenges to maintain grid stability. The solution? Energy storage. Assessing storage economics and technologies and exploring regional case-studies.</i> Brad Roberts, Executive Director, Electricity Storage Association (ESA) - USA Francis Ras, Section Head Technical Affairs, WEB Aruba N.V. William Galton, Microgrid Project Manager, ABB US - USA Christiaan Gischler, Senior Energy Specialist, Inter-American Development Bank (IDB) – USA Blake Frye, Vice President, Energy Storage, The Americas - USA</p>

12:30-14:00

NETWORKING LUNCH

<p>14:00-15:00</p>	<p>SURINAME – BELIZE – GUYANA <i>Exploring progress made towards energy diversification and opportunities for international private</i></p>	<p>GEOTHERMAL <i>Nevis? St. Lucia? Grenada? Aside from the Guadeloupe success story, can we make geothermal work in the Caribbean without</i></p>
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	<p><i>sector participation in these too frequently over-looked, but substantial, mainland Caribbean jurisdictions.</i></p> <p>The Hon. Sen. Audrey Grant, Minister of Energy, Science & Technology, and Public Utilities, Government of Belize</p> <p>The Hon. Robert M. Persaud, MBA, MP, Minister of Natural Resources & The Environment, Government of Guyana</p>	<p><i>regional interconnection to justify the scale and the investment?</i></p> <p>Migara Jayawardena, Senior Energy Specialist, World Bank</p> <p>Ernie Stapleton, Permanent Secretary, Nevis Island Administration (NIA)</p> <p>Ariel Sacerdoti, Director – Business Development, Ormat – USA</p> <p>Mark Lambrides, Chief, Energy and Climate Change Division, Organization of American States</p>
15:00-16:00	<p>GADELOUPE & MARTINIQUE</p> <p><i>As overseas regions of France, Guadeloupe and Martinique are often over-looked in discussions on renewables. Both jurisdictions are actively pursuing energy diversification policies, and both represent substantial opportunities for international investors to engage.</i></p>	<p>OCEAN</p> <p>Is the Caribbean ready for energy from the ocean? And are ocean-based technologies ready to deploy, reliable and economical?</p> <p>Frederic Chino, Director of Marketing & Sales, DCNS Ocean Business Unit – France</p> <p>Sheila Paterson, Special Projects Executive, Nova Scotia Department of Energy - Canada</p>

16:00-16:30 **NETWORKING BREAK IN EXHIBITION HALL**

16:30-17:30	<p>DOMINICAN REPUBLIC</p> <p><i>One of the few markets in the Caribbean with scale, what position towards renewables will emerge from the new Ministry of Mining & Energy? Natural gas currently features prominently in energy planning in the DR. What opportunities exist for RE development? Utility scale and distributed?</i></p>	<p>BIOMASS</p> <p>Is it viable to build biomass power plants in the Caribbean predicated on the consistent and long-term supply of feedstock? Exploring technologies, economics, and viability.</p> <p>Dr. Carl Kukkonen, CEO & Co-Founder, Viaspace – USA</p> <p>Matthew E. Ross, Shareholder, Polsinelli, PC - USA</p>
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17:30-17:50 **CLOSING KEYNOTE ADDRESS**

18:00 **CREF 2013 CONFERENCE CLOSE**