Dave Hardy, DHA
GUYANA-TRINIDAD HYDRO PROJECT

Paul Wilczek, EWEA
EUROPPEAN WIND MAPPING

12:30-1:30 PM
LUNCH

1:30-3:30 PM
CASE STUDIES
Location: Argentina Hills Amphitheater

Thomas Farb, Puerto Rico Science, Technology and Research Trust
OPENING REMARKS

Ana Gabriela Ché, Empresa Propietaria de la Red-SIEPAC
CENTRAL AMERICA'S LINK

Alvin Román, Madeline Ramos, Puerto Rico Electric Power Authority
Juan A Pérez-López, Roberto Gorbea, Inter American Energy Services
NORTH CARIBBEAN: USVirgin Islands-Puerto Rico (PR-VIWAPA)

Kerry McDonald, West Indies Power-NEVIS
SOUTH CARIBBEAN: Nevis Geothermal Plant

3:30-3:45 PM
NETWORKING BREAK

3:45-4:30 PM
PLENARY: ROADMAP TO A REGIONAL GRID
Towards Regional Collaboration:
Hon. Puerto Rico Secretary of State Kenneth McClintock / CIEMADeS Panel
Location: Argentina Hills Amphitheater

4:30-5:30 PM
CIEMADeS roles towards regional collaboration
Moderator: Roberto Loran, Universidad del Turabo

Event organized by:

CIEMADeS

In collaboration with:

PREC
PUERTO RICO ENERGY CENTER

With the sponsorship and endorsement of:

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CARILEC
An Association Of Electric Utilities

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AEE
Autoridad de Energía Eléctrica

Dr. Samuel P. Massie Chairs of Excellence
DE-FG02-95EW12610-A010

INTERNATIONAL CONFERENCE

Electrical Interconnection of the Caribbean

May 5-7, 2011
Universidad del Turabo
Gurabo, Puerto Rico

TECHNICAL, ENVIRONMENTAL AND ECONOMIC ASPECTS

PROGRAM

DAY 1 (Thursday, May 5th)

8:30-9:00 AM
REGISTRATION/COFFEE/NETWORKING

9:00 - 10:00 AM
GETTING STARTED: INTERCONNECTION 101
Roberto Callarotti, Puerto Rico Energy Center (PREC)
Location: Argentina Hills Amphitheater

10:00-10:15 AM
KEYNOTE
Ada Torres-Ramírez, International Center for Environmental Studies & Sustainable Development (CIEMADeS) / Roberto Lorán, Universidad del Turabo
Location: Argentina Hills Amphitheater

10:15-11:15 AM
CLIMATE, RENEWABLE ENERGY AND THE GRID
Hon. Carlisle Powell, Minister of Natural Resources & Climate, Nevis, Miguel Cordero, Puerto Rico Electric Power Authority & Hon. Enrique Ramírez Minister of Energy, Dominican Rep.
Location: Argentina Hills Amphitheater

11:15-11:30 AM
NETWORKING BREAK

11:30 AM-12:30 PM
PLENARY: INTERCONNECTION OF THE CARIBBEAN REGION: WHAT'S AT STAKE?
Moderator: John Tomkins, CariTrans
"Climate Change and its Impacts on the Economy / The Global Green Grid"
Location: Argentina Hills Amphitheater

Economic and Environmental Challenges Faced by Utilities in the New Global Scenario.
Outlook on the future of Energy Distribution.
Gary Jackson, Caribbean Electric Utility Services Corporation (CARILEC)

Transmission: Critical Link Between Climate Policy and Renewable Energy .
Ellen Vancko, Union of Concerned Scientists

Socioeconomic Trends within The Caribbean Region and How Energy is Key Component for Development and Prosperity.
Maxine Nestor, Regional Energy Policy Advisor, CARICOM

12:30-1:30 PM
LUNCH

1:30-2:30 PM

ENVIRONMENTAL IMPACTS TRACK

Location: Room EAE 101-School of Business and Entrepreneurship Building

ECOLOGICAL IMPACTS: PREVENTION AND CONTROL

Carl Soderberg, Environmental Protection Agency

Magnetic fields; ecosystem disturbance during construction and operational phase and other aspects are discussed with an emphasis on prevention strategies

Deirdre Shurland, International Union for Conservation of Nature

Balancing Climate, Renewable Energy Transmission and Conservation of Marine Ecosystems

TECHNICAL ASPECTS TRACK

Location: Room Multiuse-School of Business and Entrepreneurship Building

PLANNING AND PERMITTING

Vegar Syrtveit Larsen, Nexans-Norway

Defining the minimum standards for cable route planning, installation, operation, maintenance and protection. GIS mapping resources and overlays

Douglas E. Cotton, HDR, Inc.

Regional Environmental Impact AssessmentInterconnections and Transnational Permit Requirements for Caribbean Regional Electrical

R&D TRACK

Location: Room EAE 103-School of Business and Entrepreneurship Building

ENERGY LOAD & PROJECT MANAGEMENT

Collie Powell, Pattern Energy

Trans Bay (undersea) Cable project - San Francisco Bay CA, Multi-State Southern Cross Transmission Project Across the S-E US

Efrain O'Neill & Agustin Irizarry. University of Puerto Rico at Mayaguez

Researching Towards Sustainability

2:30-2:45 PM

NETWORKING BREAK

2:45-4:00 PM

ENVIRONMENTAL IMPACTS TRACK

Location: Room EAE 101-School of Business and Entrepreneurship Building

ENVIRONMENTAL MITIGATION STRATEGIES

Charles Gilbert, CARITrans

Sedimentation, chemicals, effects on corals and other concerns are discussed with focus on planning, controlling, monitoring and mitigation environmental risk management throughout project phases

Lisamarie Carrubba, National Oceanographic and Atmospheric Administration-National Marine Fisheries. Fish migration patterns, Currents, Corals and Permitting Considerations Related to Marine Infrastructure Development

TECHNICAL ASPECTS TRACK

Location: Room Multiuse-School of Business and Entrepreneurship Building

TRANSMISSION & DISTRIBUTION MODELING

Denna Sandoval, Datavoice International - WEB CONFERENCE

Utility Control Systems (IVR/OMS/GIS/WFM): How to structure and manage an energy distribution system at retail level for maximum efficiency using state of the art, adaptable software solutions

R&D TRACK

Location: Room EAE 103-School of Business and Entrepreneurship Building

TECHNO-ECONOMIC ARCHITECTURE

Rod L. Lenfest, CARITrans

Institutions and the roles they play in supporting or constraining the processes of technological innovation and economic growth

Gerardo Carbajal, Universidad del Turabo

Analysis of Solar Air conditioning in Puerto Rico

4:00-4:15 PM

NETWORKING BREAK

4:15-5:30 PM

ENVIRONMENTAL IMPACTS TRACK

Location: Room EAE 101-School of Business and Entrepreneurship Building

PREVENTIVE PLANNING & MANAGEMENT

Samwel Oyugi, CARITrans

Community Integration and Consultation Strategies

Luis Rivera-Oyola, NOVACOMM

Seismic Modeling & Disaster Management Planning

TECHNICAL ASPECTS TRACK

Location: Room Multiuse-School of Business and Entrepreneurship Building

ENERGY COSTS AND MARKETS DEVELOPMENT

Carlos Fernández, McConnell-Valdés, RECs & Incentives Financing

How a Renewable Portfolio Standard Can Incentivize Renewable Energy

R&D TRACK

Location: Room EAE 103-School of Business and Entrepreneurship Building

STORAGE

José Colón, Universidad del Turabo

Energy Issues in the Caribbean Interconnection

Nelly Cuello, Universidad Nacional Pedro Henríquez Ureña

Renewable Oceanic Wave Motion in Small Coastal

DAY 2 (Friday, May 6th)

7:30-8:30 AM

REGISTRATION/COFFEE/NETWORKING

8:30-9:30 AM

ENVIRONMENTAL IMPACTS TRACK

Location: Room EAE 101-School of Business and Entrepreneurship Building

PLANNING & CONCEPTUALIZATION OF INTERCONNECTION PROJECTS

Hon. Premier Joseph Parry, Federation of St. Kitts & Nevis

How Nevis Geothermal Will Effect the Caribbean

TECHNICAL ASPECTS TRACK

Location: Room Room EAE 102-School of Business and Entrepreneurship Building

REGIONAL SCALE TRANSITIONAL STRATEGY

Davis Thames, Cheniere Energy

Natural Gas is being used as an essential component in all major regional interconnection projects: Why? Session discusses the relevance of this strategy for GHG compliance and cost control.

Francisco López, Puerto Rico Electric Power Authority

Vía Verde:

Natural gas will enable 'right of way' to renewables in this ambitious and challenging project.

R&D TRACK

Location: Room EAE 103-School of Business and Entrepreneurship Building

BASELOAD AND SYSTEM STABILITY

Roberto Callarotti / José Colón, Universidad del Turabo

Caribbean Electrical Interconnection

Vahan Gevorgian, NREL

Modeling for optimum results, considering economics, sources of renewables generation ocean dynamics and engineering implications. The HOMER Hybrid System explained.

9:30-10:30 AM

PLENARY: "TOWARDS A REGIONAL GRID: LEGISLATION AND POLICY IMPLICATIONS"

Moderator: Mark Lambrides, Organization of American States

Hon. Donna Christensen, US House of Representatives- US Virgin Islands /

Hon. Moisés Álvarez, Ministry of Climate Change, Dominican Republic /

Luis Bernal, Energy Affairs Administration, Puerto Rico

Location: Argentina Hills Amphitheater

10:30-10:45 AM

NETWORKING BREAK

10:45 AM-12:30 PM

CASE STUDIES

Location: Argentina Hills Amphitheater

Antonio López-Nicolas, ENTSO-E

EUROPE'S ROADMAP 2050

Brian Schmidly, DESERTEC Foundation

GENERATION SOLAR