

5th ELAEE Conference Program and Meeting Room Grid
 March 15 - 18, 2015 - Intercontinental Hotel- Medellin, Colombia

ENERGY OUTLOOK IN LATIN AMERICA AND THE CARIBBEAN: CHALLENGES, CONSTRAINTS AND OPPORTUNITIES

Function	Time	Title	Room/Meeting	
Sunday (March 15, 2015)				
IAEE Council Meeting	08:00 - 10:00	IAEE Affiliates Luncheon (by invitation)	Captiva	
ALACEE Council Meeting	10:00 - 10:30	ALACEE Affiliates Luncheon (by invitation)	Captiva	
Student Happy Hour	17:30 - 18:00	All students are invited!	Farallones	
Council dinner	18:30 - 22:00	IAEE Council Members (by invitation)		
Monday (March 16, 2015)				
Registration	7:00 - 10:00		Antioquia's Lobby	
Welcome & Opening	8:30 - 9:00	WELCOME AND OPENING Sponsors: Metro S.A., Sura Group, Páez, Harteis	Antioquia 1	
Inaugural Plenary Session	09:00 - 10:30	INSTITUTIONAL ARRANGEMENTS FOR SUSTAINABLE ENERGY DEVELOPMENT Chair: Isaac Oyler - ALACEE Vice President - Conference President Sponsors: Sergio Narán Martínez - EPRI, Ricardo Buitrago, Gerardo Rodríguez (ALACEE)	Antioquia 1	
Coffee Break	10:30 - 11:00		Antioquia's Lobby	
Dual Plenary Session	11:00 - 12:30	ENERGY, ENVIRONMENT AND CLIMATE CHANGE CHALLENGES Chair: Carlos Kunkelberg - IEEE Sponsors: Juan Manuel Gutiérrez, Jani Ruppert, Raúl Andrés Jula Torres	Antioquia 1	
Dual Plenary Session	11:00 - 12:30	ON ENERGY TRENDS IN L.A.C. - THE MORE CONVENTIONAL AND DEEP WATER CHALLENGES Chair: Ezequiel Gilman - OEE - UFRJ - ALACEE Sponsors: Héctor Quiroz Prieto Jr., Agustin Casado	Medellin	
Lunch	12:30 - 14:00		Terraza Brasa/terra	
Concurrent Session Schedules				
Topic	Time	Concurrent Sessions	Room/Meeting	
Energy security and Energy and the Economy Language: Spanish-Portuguese	09:00 - 10:00	70. Analysis de política para la integración de mercados de energía eléctrica Colombia: Autor: Sebastián Zayas 72. Impact of new electricity generation capacity in the power sector of El Salvador: Autor: Nelson Fajó 84. Low or Low-Cost, An Estimate for the Latin American Region: Autor: Paulo Costa 118. The Critical Linkages of the Brazilian Energy Industry: Autor: Márcio V. Tadeu	Buenos	
	10:00 - 11:00	86. Mapping Wind Potential With Zero-Cost Criteria: Opciones: Incentivos, Acreditaciones, L. Opciones 89. Economic optimization for the management of wind energy in the Brazilian market: Autor: Fernando L. Torres 149. 100% Total Renewable Energy in Brazil: A Study Case for the Introduction of White Tariff: Autor: Sheila Marlene Sales 71. Sources of energy in the generation of electricity in the sector residential colombiano: Autor: Laura Corbante	Orlando	
	10:00 - 11:00	41. 6th Mexico Energy Reform: Impact on electricity production, delivery & market and retail market: Autor: Alejandro Sánchez 134. The effectiveness of Low-Cost Policies in the Brazilian electricity sector - La efectividad de políticas de subsidios en el sector eléctrico brasileño: Autor: Roberto Machado 41. Determinantes do consumo de energia de combustíveis no Brasil e opções para a política de preços: Autor: Felipe Simões 131. Public investment in Brazilian natural gas sector: Autor: Felipe Simões	Buivier	
Electricity and modeling Language: Spanish-Portuguese	10:00 - 11:00	73. The generation adequacy problem: assessing dynamic effects of capacity remuneration mechanisms: Autor: Renato Siqueira 23. Market implications of capacity markets in the electricity sector: Autor: Rafael Noya-Domenech 83. Reducing generation expansion from market signals: general implications and analysis of a case study: Autor: Sebastián Zayas 101. Integrating energy storage in economic dispatch: a case study in a real-time market: Autor: José A. Cruz 102. The impact of energy storage on the market clearing price of electricity: modeling and validation: Autor: Roberto Torres	Antioquia	
	10:00 - 11:00	71. ON-GRID INTEGRATION OF THE WIND IN THE "REDES" A DEREGULATION OF ENERGY IN THE MERCADO DE ENERGÍA ELÉCTRICA EN COLOMBIA: Autor: Juan Carlos Rodríguez 44. Applying the traditional Colombian 100% Renewable Energy Transition Code in Oil Exploration Agreements: a Brazilian case study: Autor: Helcio Costa	Medellin	
	10:00 - 11:00	144. Technological challenge and regulation for unconventional gas exploration in Brazil: Autor: Roberto Torres 145. Short Gas: Expanding Production in Brazil: Autor: Roberto Torres 146. Gas: Looking for the Replacement of Diesel: Opciones: Características, Ventajas y Desventajas: Autor: Roberto Torres 21. A QUALITATIVE COMPARATIVE ANALYSIS OF GAS FUEL SHIFTS: CHALLENGES THAT REGULATORY FRAMEWORKS CAN OFFER: Autor: Roberto Torres	Santander	
Petroleum and Natural gas Language: Portuguese	10:00 - 11:00	73. The generation adequacy problem: assessing dynamic effects of capacity remuneration mechanisms: Autor: Renato Siqueira 23. Market implications of capacity markets in the electricity sector: Autor: Rafael Noya-Domenech 83. Reducing generation expansion from market signals: general implications and analysis of a case study: Autor: Sebastián Zayas 101. Integrating energy storage in economic dispatch: a case study in a real-time market: Autor: José A. Cruz 102. The impact of energy storage on the market clearing price of electricity: modeling and validation: Autor: Roberto Torres	Antioquia	
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Energy and the Economy Language: Spanish	10:00 - 11:00	100. Hidroenergía y sus impactos ambientales y económicos en el área de influencia: Autor: Andrés Torres Sánchez 67. Economic effects of transportation: Expansion, the case of the Central Market in Chile: Autor: Sebastián Zayas 56. ¿De qué depende la actividad eléctrica residencial? Análisis del caso argentino: Autor: Diego Martín	Antioquia	
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Gala Dinner	19:30 - 23:00	The 5th ELAEE conference has developed to the Bolívar Garden for Gala Dinner at 19:30 hours of Antioquia's lobby	Bolívar Garden (outside)	
	Tuesday (March 17, 2015)			
	Dual Plenary Session	09:00 - 10:30	ELECTRICITY DEVELOPMENT IN LAC: UTILITIES BUSINESS MODEL AND CHALLENGES Chair: Fernando Rodríguez - ALACEE Sponsors: Elisa Germann, Robert Chant, Ezequiel HERNANDEZ, CARLOS LAC, CARLOS CHAVEZ HERNANDEZ, A SHALE GAS BOOM AND MORE LNG IN THE NEXT YEARS?	Antioquia 1
Dual Plenary Session	09:00 - 10:30	Chair: Ezequiel Gilman - OEE - UFRJ - ALACEE Sponsors: Saul Ojeda, Peter Hordley, Mauro Chaves Rodriguez	Medellin	
Coffee Break	10:30 - 11:00		Antioquia's Lobby	
Concurrent Session Schedules				
Topic	Time	Concurrent Sessions	Room/Meeting	
Energy and environment Language: Spanish	10:00 - 11:00	83. LA SOSTENIBILIDAD DEL MODELO DE GENERACIÓN DE ENERGÍA HIDROELECTRICA: EL PROBLEMA DE INTENSIFICACIÓN DEL PROBLEMA: Autor: Jorge Andrés Pineda López de Lara 101. Políticas de las Industrias de Energía de Gas de Escala Intermedia para Vigilar el Desarrollo de Energía Sostenible en Sistemas Distribuidos, caso de Colombia: Autor: Marco Antonio Rodríguez 83. Expansion of Public Gas Supply in Colombia: Autor: Felipe Simões 84. Generation sector: Renewable resources, stability, flexibility, financing and different configurations in the electricity sector: Autor: Roberto Torres 100. Estimación de implementación tecnológica en un sistema de energía eléctrica en Colombia: Autor: Roberto Torres	Antioquia	
	10:00 - 11:00	41. Determinantes do consumo de energia de combustíveis no Brasil e opções para a política de preços: Autor: Felipe Simões 131. Public investment in Brazilian natural gas sector: Autor: Felipe Simões 134. The effectiveness of Low-Cost Policies in the Brazilian electricity sector - La efectividad de políticas de subsidios en el sector eléctrico brasileño: Autor: Roberto Machado 41. Determinantes do consumo de energia de combustíveis no Brasil e opções para a política de preços: Autor: Felipe Simões 131. Public investment in Brazilian natural gas sector: Autor: Felipe Simões	Buivier	
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Energy, economy, modelling Language: Spanish-Portuguese	10:00 - 11:00	73. The generation adequacy problem: assessing dynamic effects of capacity remuneration mechanisms: Autor: Renato Siqueira 23. Market implications of capacity markets in the electricity sector: Autor: Rafael Noya-Domenech 83. Reducing generation expansion from market signals: general implications and analysis of a case study: Autor: Sebastián Zayas 101. Integrating energy storage in economic dispatch: a case study in a real-time market: Autor: José A. Cruz 102. The impact of energy storage on the market clearing price of electricity: modeling and validation: Autor: Roberto Torres	Antioquia	
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Energy security and profitability Language: Portuguese	10:00 - 11:00	73. The generation adequacy problem: assessing dynamic effects of capacity remuneration mechanisms: Autor: Renato Siqueira 23. Market implications of capacity markets in the electricity sector: Autor: Rafael Noya-Domenech 83. Reducing generation expansion from market signals: general implications and analysis of a case study: Autor: Sebastián Zayas 101. Integrating energy storage in economic dispatch: a case study in a real-time market: Autor: José A. Cruz 102. The impact of energy storage on the market clearing price of electricity: modeling and validation: Autor: Roberto Torres	Antioquia	
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Unconventional Fossil Resources Language: Portuguese	10:00 - 11:00	73. The generation adequacy problem: assessing dynamic effects of capacity remuneration mechanisms: Autor: Renato Siqueira 23. Market implications of capacity markets in the electricity sector: Autor: Rafael Noya-Domenech 83. Reducing generation expansion from market signals: general implications and analysis of a case study: Autor: Sebastián Zayas 101. Integrating energy storage in economic dispatch: a case study in a real-time market: Autor: José A. Cruz 102. The impact of energy storage on the market clearing price of electricity: modeling and validation: Autor: Roberto Torres	Antioquia	
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Lunch	12:30 - 14:00		Terraza Brasa/terra	
	Concurrent Session Schedules			
	Topic	Time	Concurrent Sessions	Room/Meeting
Electricity Language: Spanish-Portuguese	14:00 - 15:00	127. Anticipación del modelo de negocio del mercado eléctrico en Uruguay: Autor: Mario Vignolo 83. Situación del Sector Operacional del Sistema de Distribución de Energía Eléctrica en Brasil: Autor: Roberto Torres 127. Anticipación del modelo de negocio del mercado eléctrico en Uruguay: Autor: Mario Vignolo 83. Situación del Sector Operacional del Sistema de Distribución de Energía Eléctrica en Brasil: Autor: Roberto Torres 127. Anticipación del modelo de negocio del mercado eléctrico en Uruguay: Autor: Mario Vignolo 83. Situación del Sector Operacional del Sistema de Distribución de Energía Eléctrica en Brasil: Autor: Roberto Torres	Antioquia	
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Energy modeling, investment and finance Language: Spanish-Portuguese	14:00 - 15:00	73. The generation adequacy problem: assessing dynamic effects of capacity remuneration mechanisms: Autor: Renato Siqueira 23. Market implications of capacity markets in the electricity sector: Autor: Rafael Noya-Domenech 83. Reducing generation expansion from market signals: general implications and analysis of a case study: Autor: Sebastián Zayas 101. Integrating energy storage in economic dispatch: a case study in a real-time market: Autor: José A. Cruz 102. The impact of energy storage on the market clearing price of electricity: modeling and validation: Autor: Roberto Torres	Antioquia	
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	14:00 - 15:00	144. Technological challenge and regulation for unconventional gas exploration in Brazil: Autor: Roberto Torres 145. Short Gas: Expanding Production in Brazil: Autor: Roberto Torres 146. Gas: Looking for the Replacement of Diesel: Opciones: Características, Ventajas y Desventajas: Autor: Roberto Torres 21. A QUALITATIVE COMPARATIVE ANALYSIS OF GAS FUEL SHIFTS: CHALLENGES THAT REGULATORY FRAMEWORKS CAN OFFER: Autor: Roberto Torres	Santander	
Petroleum and Natural Gas Language: Spanish-Portuguese	14:00 - 15:00	73. The generation adequacy problem: assessing dynamic effects of capacity remuneration mechanisms: Autor: Renato Siqueira 23. Market implications of capacity markets in the electricity sector: Autor: Rafael Noya-Domenech 83. Reducing generation expansion from market signals: general implications and analysis of a case study: Autor: Sebastián Zayas 101. Integrating energy storage in economic dispatch: a case study in a real-time market: Autor: José A. Cruz 102. The impact of energy storage on the market clearing price of electricity: modeling and validation: Autor: Roberto Torres	Antioquia	
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Coffee Break	16:00 - 16:30		Antioquia's Lobby	
	Dual Plenary Session	16:30 - 18:00	ENERGY ACCESS, TARIFF, SUBSIDIES AND SOCIAL ISSUES IN LAC Chair: Gerardo Rodríguez - ALACEE Sponsors: Fernando Narváez, Raúl Martínez, Luis Alejandro Contreras DEMAND MANAGEMENT AND ENERGY EFFICIENCY IN LAC Chair: Sergio Estrella - UNAL Sponsors: Piero Di Stefano, Carlos Aristizábal, Carlos Jaime Franco - UNAL	Antioquia 1
	Dual Plenary Session	16:30 - 18:00	Chair: Gerardo Rodríguez - ALACEE Sponsors: Fernando Narváez, Raúl Martínez, Luis Alejandro Contreras DEMAND MANAGEMENT AND ENERGY EFFICIENCY IN LAC Chair: Sergio Estrella - UNAL Sponsors: Piero Di Stefano, Carlos Aristizábal, Carlos Jaime Franco - UNAL	Medellin
Cocktail	18:00 - 21:00		Captiva de Oculina (outside)	
Wednesday (March 18, 2015)				
Plenary Session	09:00 - 10:30	ELECTRICITY DEVELOPMENT IN LAC: UTILITIES BUSINESS MODEL AND CHALLENGES Chair: Carlos Jaime Franco - UNAL Sponsors: David Hordley, Jorge Camacho Díaz, Isaac Oyler - ALACEE Vice-President - Conference President	Antioquia 1	
Coffee Break	10:30 - 11:00		Antioquia's Lobby	
Plenary Session	11:00 - 12:30	ENERGY IN BRITISH COLUMBIA: LAC Chair: Ricardo Páez - IEEE Sponsors: Andrés Lora, Felipe Simões, Hugo Ventura, Ezequiel Gilman	Antioquia 1	
Conference closing	12:30 - 13:00	Closing ELAEE - Welcome ELAEE	Antioquia 1	

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