Letter of Approval to 2nd Greater Mekong Sub-region Power Summit & EXPO 2015

To: Roger Shen
Managing Director
Neoventure Corporation


Referring to your letter dated on 8 January 2015, the Ministry of Planning and Investment Laos hereby agrees to be the co-organizer of “2nd Greater Mekong Sub-region Power Summit & EXPO 2015” on 19-21 May 2015 in Laos, to be organised by Neoventure Corporation.

We cordially invite all concerned parties and foreign companies to participate in this event to share their valued experiences in generation and transmission & distribution sector to support the further development of Laos’s power industry.

The Ministry of Planning and Investment confirms to support and to approve Neoventure Corporation as the marketing focal point responsible for the promotion of the event to both local and international exhibitors and participants.

The Ministry of Planning and Investment expresses its sincere wishes for the success of 2nd Greater Mekong Sub-region Power Summit & EXPO 2015.

Yours sincerely,

Minister of Planning and Investment
Lao People’s Democratic Republic

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### Pre-Conference Day

**Tuesday, 19th May**

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<tr>
<td>0900-1200</td>
<td>Laos Power Investment Workshop</td>
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<tr>
<td>0900-0930</td>
<td>Historical Perspective - 20 Years of Lao Hydropower Development: from The Early Stages to the Most Recent Trends</td>
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<tr>
<td>0930-0950</td>
<td>Overview of Institutional and Key Stakeholders</td>
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<td>0950-1020</td>
<td>From MoU to Operations: Lao Law Perspective on The Development Process</td>
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<td>1020-1040</td>
<td>Coffee Break</td>
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<tr>
<td>1040-1110</td>
<td>Standardization of Project Documents (CA and EDL PPA) and Overview of Key Terms</td>
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<tr>
<td>1110-1140</td>
<td>Case Studies (One EGAT Offtake Recent Example and One Domestic Case)</td>
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<tr>
<td>1140-1200</td>
<td>Q&amp;A</td>
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<tr>
<td>1400-1700</td>
<td>Hydropower Forum</td>
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<tr>
<td>1400-1430</td>
<td>Recent Trends in the Implementation of Large Hydropower Projects</td>
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<tr>
<td>1430-1500</td>
<td>Pumped Storage Hydropower – The Most Advanced Technology to Store and Integrate the Growing Amount of Intermittent Renewable Energies into Southeast Asia Grid</td>
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<tr>
<td>1400-1500</td>
<td>• Economic aspects for a successful implementation of Pump Storage Hydropower Plant (PSP)</td>
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<td>1430-1500</td>
<td>• Main Technical requirements of PSP meeting best with the energy market</td>
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<tr>
<td>1500-1530</td>
<td>• Socioeconomic and environmental aspects of PSP, based on experiences in Central Europe</td>
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<tr>
<td>1500-1530</td>
<td>• Highlights of selected PSP projects focusing special challenges</td>
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<td>1500-1530</td>
<td>Reinhard Fritzer, Project Manager - Hydropower, ILF Consulting Engineers (Asia) Ltd</td>
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<tr>
<td>1500-1530</td>
<td>The Ongoing Construction of 410 MW Xepian Xenamnoy HPP Project in Laos</td>
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<td>1530-1600</td>
<td>Coffee Break</td>
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<tr>
<td>1600-1630</td>
<td>Sustainable Hydropower Development and Livelihood Restoration-Experiences in GMS</td>
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<tr>
<td>1630-1700</td>
<td>Case Study: To Be Confirmed</td>
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<td>1800-2000</td>
<td>VIP Dinner (Only for Speakers)</td>
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</table>
AGENDA

MAIN CONFERENCE DAY ONE

WEDNESDAY 20 MAY

OPENING CEREMONY

09:00 Welcoming Address
H. E. Minister, Ministry of Planning and Investment Invited
09:10 Opening Address
H. E. Prime Minister, Lao PDR Invited
09:15 Opening Keynote
H. E. Minister, Ministry of Energy and Mines, Lao PDR Invited
09:25 Welcoming Address by Conference Chairman
Allard Nooy, Chief Executive Officer, InfraCo Asia

PLENARY SESSION

09:30 GMS Battery – Laos’ Power Development Program
Daovong Phonekeo, Director General, Energy Policy and Planning Department, Ministry of Energy and Mines, Laos
09:55 Challenges & Openness – Laos’ Power Projects
Sisavath Thiravong, Chief Executive Officer, Electricite du Laos (EDL)
10:20 Responsibility & Future - EGAT’s Power Planning
Chavin Chaonirattisai, Deputy Governor – Policy & Planning, Electricity Generating Authority of Thailand (EGAT)
10:40 Morning Refreshment & Networking

11:00 Transform to a Competitive Market – Power Development of Vietnam
Tran Dang Khoa, Director of Market Power Department, Vietnam Electricity (EVN)
11:20 Strengthen GMS Power Grid Interconnection: Towards A New Future of Win-Win Cooperation
Cheng Jun, Deputy President, China Southern Power Grid International Co. Ltd
11:40 The Need for A More Integrated and Flexible Network to Accommodate Renewables and Increasing Demand
Datuk Rozimi bin Remeli, Vice President, Transmission, Tenaga Nasional Berhad (TNB)
12:00 MANAGEMENT PANEL: ASEAN Power Grids Interconnection-Energy Efficiency & Security Supply
Moderator: Chong Chi Nai, Director Energy Division, SEA, Asian Development Bank
Panelists:
Sisavath Thiravong, Chief Executive Officer, Electricite du Laos (EDL)
Datuk Rozimi bin Remeli, Vice President, Transmission, Tenaga Nasional Berhad (TNB)
Cheng Jun, Deputy President, China Southern Power Grid International Co. Ltd
Tran Dang Khoa, Director of Market Power Department, Vietnam Electricity (EVN)
Paruhus Vongthanet, Director of System Planning Division, Electricity Generating Authority of Thailand (EGAT)

12:50 Delegate Lunch

POWER & ELECTRICITY

14:00 Case Study: Hongsa Power Project
Rassamee Youpanich, Power Plant Construction Director, Hongsa Power Company Limited
14:30 Combined Cycle Gas Engines Power Plants: When and where?
Frederic Carron, Regional Director Southeast Asia & Australia, Power Plants, Wartsila Pte Ltd
15:00 To Be Confirmed
Edwin Vanderbruggen, Partner, VDB Loi

15:30 Afternoon Refreshment & Networking

16:00 PANEL DISCUSSION: Hydropower Development in GMS Region
- Renovation of the existing hydropower plants
- Capacity in dry season
- Impact on mid & downstream area of water flow from upstream
Moderator: Audray Souche, Partner, DFDL Legal and Tax Services
Panelists:
Frederic Hofmann, Chief Executive Officer, Nam Theun 2 Power Company
Nopporn Prapaitrakul, Deputy Managing Director, GMS Power Public Co., Ltd
Jean-Louis Cervetti, Senior Vice President Hydraulics and Private Sector, Tractebel Engineering S.A

16:45 Status of GMS Power Trade and Exchange
- Current grid interconnections and power trade
- Regional power development
- Regional Power Coordination Center
Chong Chi Nai, Director Energy Division, SEA, Asian Development Bank

17:15 INVESTORS PANEL: How Effectively is Energy Developer Making Positive Impact on the Environment
Moderator: Sean Purdie, Managing Partner, Power, Environmental Resources Management
Panelists:
Voravudhi Linananda, Chief Operating Officer, Banpu Public Company Limited
Cyril Cabanes, Senior Vice President - Development, Marubeni Asian Power Singapore Pte Ltd
Mario Savastano, Executive Vice President, Business Development, Asia, GDF Suez

18:10 Cocktail Party
## MAIN CONFERENCE DAY TWO

**THURSDAY 21 MAY**

<table>
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<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Panelists</th>
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<tr>
<td>08:55</td>
<td>Welcoming Address by Conference Chairman</td>
<td>Mark Hutchinson, Energy &amp; Natural Resources Professional</td>
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<tr>
<td>09:00</td>
<td>Morning Refreshment &amp; Networking</td>
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<td>09:00</td>
<td>Valuing Cross - Border Hydro in an LNG World</td>
<td>Thomas Parkinson, Partner, The Lantau Group</td>
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<td>09:30</td>
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<td>09:30</td>
<td>Fuel-Mix Power Projects Development in GMS from RATCH Perspective</td>
<td>Jatuporn Soparaksa, Senior Vice President, Business Investment Division, Ratchaburi Electricity Generating Holding PLC (RATCH)</td>
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<tr>
<td>10:00</td>
<td>Strategic Power Infrastructure Defense System</td>
<td>Jay Jung, Country Manager, Korea, Schweitzer Engineering Laboratories</td>
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<td>10:30</td>
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<tr>
<td>11:00</td>
<td>Power Projects in GMS from EPC Contractor Perspective</td>
<td>Jarrett Cantrell, Vice President, Global Marketing &amp; Business Development, Samsung Engineering</td>
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<tr>
<td>11:30</td>
<td>The Future of Large-scale Solar Sector in GMS: Case Study from One of the Biggest Solar Project in Thailand</td>
<td>Pongsapat Thepratuanthip, Senior Vice President, Business Development, Electricitity Generating Public Company Limited (EGCO)</td>
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| 12:00  | PANEL DISCUSSION: Shaping a Game Changing Business: The Future of Solar Power in Asia | Duncan Ritchie, Chief Executive Officer, Aequero  
Panelists: Pongsapat Thepratuanthip, Senior Vice President, Business Development, EGCO  
Andy Schroeter, Managing Director, Sunlabob Renewable Energy Ltd  
Daniel Gaefke, Managing Director, Annex Power  
Franck Constant, President, Sonnedix |
| 12:45  | Delegate Lunch                                                          |                                                                                                             |
| 14:00  | Combination of Renewable Energies – Photovoltaics (PV) with Pump Storage Plant (PSP) | Matthias Beisler, Managing Director, Southeast Asia, ILF Consulting Engineers (Asia) Ltd  
Frank Zimmermann, Project Manager - Photovoltaics, ILF Consulting Engineers (Asia) Ltd |
| 14:30  | Dynamic Models for Power System Planning                                | Milorad Zecevic, Regional Manager, Asia Pacific, Energy Exemplar                                           |
| 15:00  | Ensuring a Reliable Energy Supply: Grid Design and Planning             | Rakesh Gaur, Vice President-T&D, KEC International Ltd                                                     |
| 15:30  | PANEL DISCUSSION: Southeast Asia Power Growth: Strategic Development and Technology Challenge | Ian George Tuft, Director, Group Operations & Construction, CLP Holdings Ltd  
Deon James, Chief Executive Officer, Dagupan Electric Corporation  
Frederic Carron, Regional Director Southeast Asia & Australia, Power Plants, Wartsila Pte Ltd |
| 16:00  | PANEL DISCUSSION: Financing Power Projects in GMS Region                | Dejan Ostojic, Sector Leader-Energy East Asia & Pacific, World Bank Group  
Peter Bird, Senior Adviser, American Capital Energy and Infrastructure  
Allard Nooy, Chief Executive Officer, InfraCo Asia  
Mark Giblett, Group Head of Project Finance (Asia), Sumitomo Mitsui Banking Corporation |
| 16:45  | To Be Confirmed                                                         |                                                                                                             |
| 17:15  | Licensing and Regulatory Aspects of Power Projects in GMS              | Audray Souche, Partner, DFDL Legal and Tax Services                                                        |
| 17:45  | PANEL DISCUSSION: Financing Power Projects in GMS Region                |                                                                                                             |
| 18:30  | Closing Remarks by Chairman                                            |                                                                                                             |

**Welcoming Address by Conference Chairman**

Mark Hutchinson, Energy & Natural Resources Professional

**Valuing Cross - Border Hydro in an LNG World**

- Cost of hydro development
- EGAT’s average generation costs
- Cost of gas-fired generation using PTT gas
- Marginal value based on avoided LNG imports

Thomas Parkinson, Partner, The Lantau Group

**Fuel-Mix Power Projects Development in GMS from RATCH Perspective**

Jatuporn Soparaksa, Senior Vice President, Business Investment Division, Ratchaburi Electricity Generating Holding PLC (RATCH)

**Strategic Power Infrastructure Defense System**

- Introduce challenges and new trend in the power systems we are facing these days.
- Introduce crucial points of operation to keep the power system reliable
- Propose a solution/introduce new technologies to prohibit the power system from catastrophic failure

Jay Jung, Country Manager, Korea, Schweitzer Engineering Laboratories

**Power Projects in GMS from EPC Contractor Perspective**

- Attractive market due to potential growth
- Leveraging prior work in Power and Other EPC Businesses
- Use of affiliated engineering offices
- Maximizing local procurement content
- Construction subcontractor strategies

Jarrett Cantrell, Vice President, Global Marketing & Business Development, Samsung Engineering

**The Future of Large-scale Solar Sector in GMS: Case Study from One of the Biggest Solar Project in Thailand**

Pongsapat Thepratuanthip, Senior Vice President, Business Development, Electricity Generating Public Company Limited (EGCO)

**PANEL DISCUSSION: Shaping a Game Changing Business: The Future of Solar Power in Asia**

Moderator: Duncan Ritchie, Chief Executive Officer, Aequero

Panelists: Pongsapat Thepratuanthip, Senior Vice President, Business Development, EGCO  
Andy Schroeter, Managing Director, Sunlabob Renewable Energy Ltd  
Daniel Gaefke, Managing Director, Annex Power  
Franck Constant, President, Sonnedix

**Combination of Renewable Energies – Photovoltaics (PV) with Pump Storage Plant (PSP)**

- Limitation of fluctuating on-grid renewable energies
- PSP Energy Storage to increase the technical acceptance of renewables in the grid
- Economic aspects of combining PSP with renewables
- Real-case study: 100 MW Photovoltaics + 30 MW PSP in Turkey

Matthias Beisler, Managing Director, Southeast Asia, ILF Consulting Engineers (Asia) Ltd  
Frank Zimmermann, Project Manager - Photovoltaics, ILF Consulting Engineers (Asia) Ltd

**Dynamic Models for Power System Planning**

Milorad Zecevic, Regional Manager, Asia Pacific, Energy Exemplar

**Ensuring a Reliable Energy Supply: Grid Design and Planning**

- The Evolution of Interconnected Power Systems
- Technical Complexities and Risks of Grid Interconnections.
- General Requirements of AC Grid Connection
- Technical Issues Related to HVDC Interconnections
- Future Trends and Experience of Indian Power Grid

Rakesh Gaur, Vice President-T&D, KEC International Ltd

**PANEL DISCUSSION: Southeast Asia Power Growth: Strategic Development and Technology Challenge**

Moderator: Ian George Tuft, Director, Group Operations & Construction, CLP Holdings Ltd  
Deon James, Chief Executive Officer, Dagupan Electric Corporation  
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**PANEL DISCUSSION: Financing Power Projects in GMS Region**

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**To Be Confirmed**

Voith

**Licensing and Regulatory Aspects of Power Projects in GMS**

Audray Souche, Partner, DFDL Legal and Tax Services

**PANEL DISCUSSION: Financing Power Projects in GMS Region**

Moderator: Ben Thompson, Partner, Mayer Brown JSM (Singapore) Pte. Ltd

**Closing Remarks by Chairman**

Mark Hutchinson, Energy & Natural Resources Professional