



CIGRÉ Young Members

YM Chair Call – 9 February 2015

Hosted by CIGRÉ-UK NGN

Chichi Agwu (Alstom Grid) – NGN International Liaison

James King (Parsons Brinckerhoff) – NGN Chair

Agenda

1. Updates from each YM group
2. Review of minutes from Paris Session meeting
3. Common YM webpage/website
4. Paris Session 2016
5. Student Members
6. Developing of international YM conferences / competitions
7. Opportunities for collaboration, e.g. event webcasts, sharing presentations
8. Arrangements for chairing/recording YM Chair meetings
9. Any Other Business (AOB)

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Updates from YM Groups

Verbal update:

- Australia
- Brazil?
- Canada
- Netherlands?
- New Zealand

Update with slides:

- France
- Germany
- Russia
- United Kingdom
- United States



CIGRÉ Young Members Chair Call

French Network

Monday 9th February 2015

French Young Members Network

•Future French YM initiative

- Current team: 8 Young Professionnals
- Objective: **launch next September**
- Organize events (conference, technical tour...) and set up a monthly newsletter
- Thank you to the YM who helped us during the last CIGRE event in Paris!

•Student Contest

- Theme: **Technological Innovations VS Systems Intelligence: which solutions for the Future Power Grids?**
- Organised by the French NC and sponsored by 5 industrial entities
- Started in September 2014, deadline January 2015
- Rules:
 - Every student (from a French university) must write an article (max 15000 chars + 1 original chart) quoting at least 1 CIGRE document
 - Students had access to the e-CIGRE online library
 - The best 10 articles will win a **prize money** (max 2000€) and have the opportunity to present their work to the Board of French NC
- 16 articles were received** (good surprise!)
- Ceremony will be held on the **5th March 2015** in front of the top directors of the French Electrotechnical Industry

French Young Members Network



CONCOURS ÉTUDIANT SUR LES RÉSEAUX ÉLECTRIQUES INTELLIGENTS

organisé par le Comité National Français du Conseil International des Grands Réseaux Electriques

Innovations technologiques ou intelligence des systèmes : quelles solutions pour les réseaux électriques du futur ?

Présentez vos articles devant les dirigeants
et les experts des entreprises partenaires

1^{er} prix : 2000 euros

Inscription : concours@cigre-france.org

Date limite de participation le 15 janvier 2015

Cérémonie de présentation et de remise des prix le 5 mars 2015



ALSTOM | Grid



Gimélec
Des industriels au service
de l'intelligence énergétique

Rte
Réseau de transport d'électricité

SIEMENS



CIGRE Germany's Young Member Network

Young Energy **Net**

Integration Process

Attraction

- Tailored Benefits, e.g.
 - Access to state of the art technology
 - Mentoring / Welcome Programs
 - Country specific events
- Visibility
 - Informational Events
 - Website, Social Media

Integration

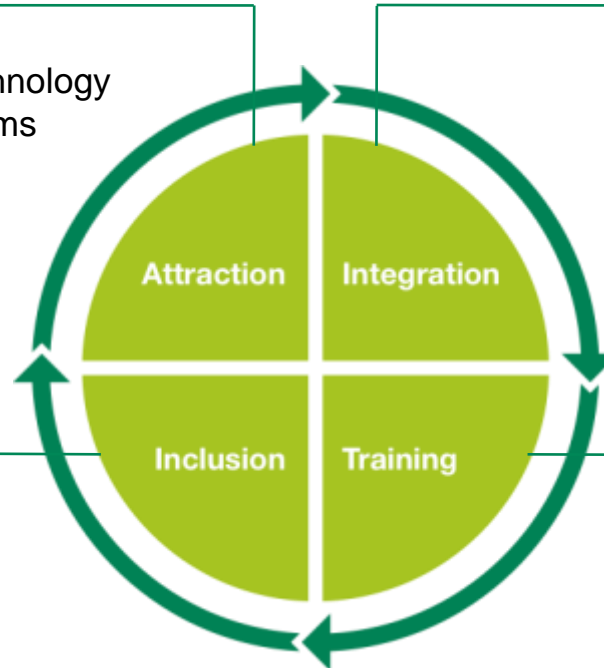
- Invitation to CIGRE events, e.g.
 - Session
 - Symposia

Inclusion

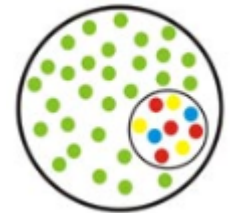
- Member is eligible to contribute as an equal!

Training

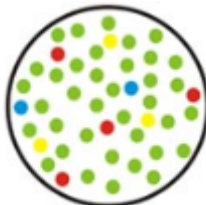
- Technical Development Programme, e.g.
 - Welcome Programme
 - Webinars, Tutorials, Workshops
 - ...



Integration



Inclusion



Student Membership

- CIGRE's student membership gives us the opportunity to offer a free CIGRE membership to VDE YoungNet students (~ 3500, whereof ~ 1000 are power engineers)
- Advantages of closer cooperation with VDE YoungNet
 - Membership Registration (e.g. checking student memberships) can easily be done by VDE, while it is hard work for the German NC of CIGRE
- Structural Change of Young EnergyNet under development
 - Plan: Young EnergyNet will take the lead of all VDE YoungNet power engineering related activities
 - CIGRE (only) activities are unaffected

Power and Energy Student Summit 2015

- Hosted at the Technical University of Dortmund, 12.01. – 14.01.2015
- ~ 90 participants (mainly from Germany and Russia)
- Conference Language: English
- Co-Sponsored from Young EnergyNet





Recent Events of Youth Section RNC CIGRE



- ❑ International Scientific and Technical Conference: «Electrical Power Engineering: viewpoint of the Young», has been held in Tomsk State Polytechnic University 11-14 November 2014 (<http://www.eegm2014.enin.tpu.ru/en>)
- ❑ International student competition on electrical power engineering «ELECTRICAL POWER ENGINEERING-2014» has been held in Ivanovo State Power Engineering University 18-22 November 2014 (http://www.cigre.ru/rnk/youth/news_908)
- ❑ All-Russian Workshop «Commercialization of scientific and technical ideas in the energy sector: Innovation in Electric Power Industry» took place in Reshma (Ivanovo Region) 3-6 December 2014 (http://www.cigre.ru/rnk/youth/news_922/)
- ❑ Bulletin №5 International student competition on general electric «ELECTRICAL ENGINEERING-2014» was published
- ❑ Young members of RNC CIGRE take part in PESS 2015 summit in TU Dortmund (Germany) together with Young EnergyNet (http://www.cigre.ru/rnk/youth/news_939/)

355 participants
9 scientific fields

Energy sector
organizations:
SO, grid companies,
energy companies,
research facilities

> 20 Technical
universities Russia,
Kazakhstan, Belarus
ect.

> 240 public
reports and
articles





International Students Electric Power Engineering Competition is an annual event welcoming 135 students from 18 technical universities of Russia, Germany, Kazakhstan and Belarus. The competition of 2014 took place in November 18-21

Participant teams:

1. Almaty University of Power Engineering and Telecommunication (Republic of Kazakhstan)
2. Belarusian National Technical University (Republic of Belarus)
3. Vologda State University
4. Ivanovo State Power Engineering University
5. Irkutsk State Technical University
6. Kazan State Power Engineering University
7. Moscow Power Engineering Institute
8. Nizhny Novgorod State Technical University
9. Saint-Petersburg State Polytechnical University
10. Novosibirsk State Technical University
11. Moscow Power Engineering Institute in Smolensk
12. North Caucasus Federal University
13. National Research South-Ural State University
14. Samara State Technical University
15. National Research Tomsk Polytechnic University
16. Technische Universität Darmstadt & Technische Universität Braunschweig united team of Germany
17. Ulyanovsk State Technical University
18. Ural Federal University



Common photo



United Germany team



JSC «SO UPS» trip



Awarding ceremony



Workshop «Commercialization of scientific and technical ideas in the energy sector»

The event is held for students, masters, PhD students. The issues of energy development, the implementation of business ideas in power systems, practice public presentations are discussed. Lectures by leading experts of the energy sector has been held.

Benefits for participants:

- Public speaking practice
- Articles preparing
- Networking with experts from industry and research
- New meetings, contacts and cooperation.





- Bulletin №5 «International student competition on general electric «ELECTRICAL ENGINEERING-2014» contains all necessary information about event: public information notice, tasks subjects, tasks with solutions, tasks for self-education, photo report, terms of the Competition and etc.



The summit was organized by TU Dortmund, supported by Young EnergyNet, VDE, RWE, etc
The real case of international cooperation between YS RNC CIGRE and Young EnergyNet . Russian delegation was invited to PESS 2015 during CIGRE 45 Section in August 2014.



We express our thanks to the partners of the RNC CIGRE Youth Section Program



MINISTRY OF ENERGY
OF THE RUSSIAN FEDERATION



Ural Federal
University
named after the first President
of Russia B.N.Yeltsin



Andrey Gofman
gofman-av@so-ups.ru



NGN Update

CIGRÉ-UK's Next Generation Network

Chichi Agwu

Alstom Grid

CIGRÉ-UK NGN International Liaison

Renewals

- Online renewals process for 2014/2015
- Implemented using Google Forms
- Aimed to:
 - Check which Members want to continue
 - Gauge level of NGN Members' activity
 - Events
 - Working Groups
 - Technical Insights (CIGRÉ-UK summaries of TBs)
 - Publications
 - Gain feedback on the NGN

Membership

- **125 NGN Members** at start of 2015:
 - **44** Individual I Members (some subsidised)
 - **43** Individual II Members (subsidised)
 - **11** Student Members (new type)
 - **27** Collective-only Members (new type)
- **14 applications in process**
 - At least **139** NGN Members for 2015
- **NGN AGM held November 2014**

2014 Events



Alstom Grid VSC Demonstrator



Culham Centre for Fusion Energy



West Burton Power Station & National Grid Substation



University of Manchester



Chair

James King
Parsons Brinckerhoff



Vice Chair

Stefie Cray
National Grid



Secretary & Treasurer

Supipi Weerasinghe
Jacobs



Communications Officer

Nathaniel Cowton
Parsons Brinckerhoff

Webmaster

Simon Cole
Mott MacDonald



Membership Coordinator

Mohammed T. Alam
Alstom Grid



Member Services Coordinator

Angela Rotheram
Parsons Brinckerhoff



Events Coordinator
T.B.C.



Events Coordinator Support
Shakeel Mohammed
Alstom Grid



Events Coordinator Support
Supipi Weerasinghe
Jacobs



Marketing Coordinator
Yunling Li
Western Power Distribution

Marketing Coordinator Support
T.B.C.



International Liaison
Chichi Agwu
Alstom Grid



IET/IEEE Liaison
Stefie Cray
National Grid



United States CIGRÉ Next Generation Network

YM Group Update
February 9, 2015



US NGN Positions

- Recently held elections in January
- New Chair – Jessica Lau (jlau@iso-ne.com)

Position	Individual
Chair	Jessica Lau – ISO New England
Secretary/Treasurer	Kyle Thomas – Dominion
Vice Chair of Mentoring	Christopher Mertz – Dominion
Vice Chair of Marketing	Christin Domian – MEPP Ryan Quint – Dominion
Vice Chair of Symposium	Josh Snodgrass – Duke Energy
Vice Chair of Professional Development	Diana Lee – VELCO
Vice Chair of Communication	Amanda Olson – Burns & McDonnell (akolson@burnsmcd.com)
At-Large-Members	Jason MacLeod – Burns & McDonnell



2015 US NGN Goals

- Increase membership
 - Students and professionals
- Hold four industry webinars
 - Would like to share with YM group
- Increase Mentoring through Working Groups
- Solicit additional company support of early-career professionals
- Increase communication with international NGN groups



Grid of the Future Symposium 2015

**Mark Your Calendar for
Chicago on October 11 - 13, 2015**

Local Host: S&C Electric

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Paris Session 2016

- YM stand
 - PM in one country – **need to progress this**
 - Team from multiple YM groups
- YM presentation competition
 - Have new high-profile session for YMs
 - 1 presentation slot per YM group
 - Each YM group holds local competitions
 - Winner from each YM group gets place

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Student Members

- Integration status
- Implementation
 - Application / membership process
 - Effect on other membership types
 - Promotion of category
 - Student-specific benefits / events

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