

Answers from Youth Section of RNC CIGRÉ

Our foundation phase:

Since July 2012 the Russian National Committee of International Council on large electric systems realizes the program called “Youth Section of RNC CIGRE”, which main objective is to educate and to train a new generation of Russian power engineers with international competences and ability to make a technological and innovation breakout in the electric energy industry of Russian Federation.

The foundation of the “Youth Section of RNC CIGRE” became the answer to existed essential demands of Russian leading electric energy companies given by the Russian National Committee of CIGRE. The Program is one of the measures of social responsibility of these companies.

Youth Section also pursues the following aims:

- to create incentives of potential employers to invest in human capital;
- to form a HR-reserve from graduates of technical universities;
- to exercise targeted preparation of professionals;
- to actively participate in talents development and youth proficiency improvement.

To achieve these aims RNC CIGRE entered into cooperation agreements with 8 leading Russian universities at the beginning of the 2012/2013 academic year. By the beginning of 2013/2014 academic year 3 other Russian universities have joined the Program.

During the 2012/2013 academic year more than dozen events on power and electrical engineering subjects were organized within the program “Youth Section”, among others there are competitions, contests, workshops, quizzes, forums. Representatives of 30 Russian and several foreign universities took part in the events of Youth Section. The total number of participants of the events of Youth Section exceeded 1000 people. During this academic year the events of Youth Section were realized in cooperation with the Ministry of Energy of Russian Federation and Join-stock Company “System Operator of the United Power System”.

During the 2013/2014 academic year Youth Section is planning attraction of new universities and participants, increasing the number of its events and receiving the support of its events from leading Russian electric energy companies.

Our membership:

Youth Section events participants are:

- undergraduate and graduate students of electric energy field;
- postgraduates and young scientists.

Youth Section doesn't have any membership forms. The participation in the events of Youth Section doesn't require CIGRE membership.

In the events of Youth Section the Organizational Committee of Youth Section presents benefits and opportunities of CIGRE membership to participants of the events (students, young scientists, professors).

All winners of Youth Section events are rewarded by CIGRE membership provided by and at the expense of RNC CIGRE for the duration of their studies or researches at the universities. After the graduation these winners usually continue to support their CIGRE membership themselves.

Best participants of the events of Youth Section are also considered to fulfill vacancies at leading Russian electric energy companies after graduation from university.

From July 2012 Youth Section attracted to CIGRE membership 328 students, young scientist and professors.

Youth section CIGRÉ

Web: <http://cigre.ru/rnk/youth/>

Our financial situation:

Youth Section of RNC CIGRE was originally created to meet the needs of leading Russian electric energy companies in HR and to be financed by them. During 2012-2013 Youth Section had special-purpose funding from Joint-stock Company "System Operator of the United Power System". For the period of 2014-2016 RNC CIGRE negotiates funding with other leading Russian electric energy companies, such as: E.ON Russia (OGK-4), JSC Russian Grids, and others.

Due to successful experience of the Youth Section events in electric energy engineers training RNC CIGRE achieved a new level of cooperation with universities: co-organization and co-financing of Youth Section events.

Our organisation:

The program "Youth Section of RNC CIGRE" is realized by the Organizational Committee of Youth Section that consists of:

- Head of the Organizational Committee;
- Executive Secretary of the Organizational Committee;
- Members of the Organizational Committee;
- Representatives (Coordinators) of Youth Section at universities.

In 2014 RNC CIGRE established cooperation with the foundation "Nadejnaya smena" (<http://www.fondsmena.ru/>) that has outstanding experience and skills in realization different youth programs. This foundation became the operator of the program "Youth Section RNC CIGRE".

Our internal work and organisation:

The activities within the Program are governed by the following regulations:

- Statement of the foundation of the program "Youth Section" (http://cigre.ru/upload/iblock/9ee/Progr_polozhenie_o_sozdanii_MS_RNK_CIGRE.pdf)
- Regulation on the Organizational committee of Youth Section (http://cigre.ru/upload/iblock/46e/Polozhenie_ob_Orgkomitete_MS_RNK_CIGRE.pdf)
- Regulation on the individual RNC CIGRE membership for participants of the program "Youth Section" (http://cigre.ru/upload/iblock/3f6/Polozhenie_ob_indiv_chlenstve_v_RNK_CIGRE.pdf)
- Regulations on different events of the program "Youth Section":
http://cigre.ru/rnk/youth/files/Polozh_o_meropriyat/viktorina/Polozhenie_viktorina.docx;
http://cigre.ru/rnk/youth/files/Polozh_o_meropriyat/referat/Polozhenie_konkurs_referatov.docx
http://cigre.ru/rnk/youth/files/Polozh_o_meropriyat/olimpiada/Polozhenie_olimpiada.docx
http://cigre.ru/rnk/youth/files/Polozhenie_cases.docx

How to manage the workload:

System approach implemented in well-structured and methodologically written regulations of Youth Section let easily manage the existing workload and also develop the Program.

Our PR strategy:

The Public Relation strategy of Youth Section is based on permanent presence of the Program in places of its target audience (undergraduates, graduates, postgraduates, young scientists and engineers) at the universities that prepare engineers for Russian electric energy industry. The permanent presence is achieved by existing events of Youth Section and Representatives (Coordinators) of Youth Section in universities.

Member Recruitment

The Program attracts new members to CIGRE by the following ways:

1. Presentation and promotion of CIGRE, its benefits and opportunities within science and business in front of universities' audience.
2. Rewards of the winners of the events of Youth Section by CIGRE membership provided by and at the expense of RNC CIGRE for the duration of their studies or researches at the universities.

Information policy

Information policy is defined as an important component of Youth Section activities and has the following aims:

- disclosure of information about the events of Youth Section;
- operational information exchange between the Organizational committee of Youth Section and participants;
- creation of favorable external conditions to the realization of the Program.

Information policy of Youth Section includes:

- Web page of Youth Section RNC CIGRE is the main official source of information on the events of the Program <http://cigre.ru/rnk/youth/>;
- Announcements. The Organizational Committee posts information about the events of Youth Section on web sites of universities;
- Social Media. To inform youth about events the Program is presented in the following social webs:
 - V Kontakte (<http://vk.com/mcrnkcigre>);
 - Facebook (<https://www.facebook.com/pages/MC-РНК-Сигрэ/417519614978473>).
- Video reports about Youth Section events:
 - http://www.youtube.com/watch?v=5risPGOPU2w&feature=player_embedded;
 - <http://www.youtube.com/watch?v=YcWCcEDJUyW&feature=youtu.be>;
 - <http://www.youtube.com/watch?v=pd1HhxTQyfY>;
- Photo reports about Youth Section events:
 - http://cigre.ru/rnk/youth/photo_reports/ispeu_2013/;
 - http://cigre.ru/rnk/youth/photo_reports/kgeu_2013/;
 - http://cigre.ru/rnk/youth/photo_reports/ispeu_reshma/;
 - http://cigre.ru/rnk/youth/photo_reports/trans_2013/;
 - http://cigre.ru/rnk/youth/photo_reports/quiz_2014/;
 - http://cigre.ru/rnk/youth/photo_reports/reports_MEI_2014/;
 - http://cigre.ru/rnk/youth/photo_reports/cigre_mei_2014/.

Publications of reports

The Organizational Committee of Youth Section published following books of reports:

- Bulletin of RNC CIGRE N1. Book of reports of VIII International conference “Energy-2013”, 23-25.04.2013, at the Ivanovo State Power University (<http://cigre.ru/publications/701/>);
- Bulletin of RNC CIGRE N2. Book of reports of I International youth forum “Smart grids”, 21-25.10.2013, at the Tomsk Polytechnic University (<http://cigre.ru/publications/758/>);
- Bulletin of RNC CIGRE N3. Book of reports of VIII open youth science conference “Dispatching and management of electric power”, 28-29.11.2013, at the Kazan State Power University (<http://cigre.ru/publications/763/>).

Media publications

Andrey Gofman, Lev Ketkin, Fedor Kalashnikov. Training of a new generation of Russian power engineers //Journal “Electric power. Transmission and distribution”, N1 (22) January-February 2014, 132-133 ([http://cigre.ru/upload/files/1\(22\)_01.02.14.pdf](http://cigre.ru/upload/files/1(22)_01.02.14.pdf)).