



Information Message

Dear colleagues!

«System Operator of the United Energy System», Joint-stock Company
«National Research Tomsk Polytechnic University»
Russian National Committee of CIGRE
And «Trustworthy Young Generation» Charity Foundation

hold on 10 – 14 November, 2014 in Tomsk

International Science and Technical Conference for the Youth «Electric Power Engineering in Youth's Eyes - 2014»

CONFERENCE GOALS – the development of scientific and creative potential of young researchers in the area of electric power engineering together with the selection of the personnel reserve for the branch offices of the System Operator and scientific and educational institutions.

CONFERENCE PROBLEMS – presentation and discussion of the newest scientific research results together with the practical achievements in the area of electric power engineering, development and strengthening of scientific bonds between young scientists, post graduates and involvement of graduate students in scientific and research activities.

SCIENTIFIC SCHOOLS (WORKSHOPS) OF THE CONFERENCE

- Electric power system modeling and management;
- Relay protection, power system automation;
- Monitoring and Diagnostics in Electric Power engineering;
- Operation, Market and Innovative development of Electric Power Systems;
- Heat and Nuclear power plants;
- Power Machine Building and Fuel;
- Thermal Physics and Heat engineering;
- Small (distributed) generation and Renewables;
- Staff management practices and problems of Specialist training in Power industry.

CONFERENCE PROCEDURE:

- **10 November** – Arrival day
- **11 November** – Plenary lectures, Workshops
- **12-13 November** – Workshops
- **14 November** – Round table, Conclusion, Excursion program

ORGANIZATIONAL COMMITTEE

Co-chairs:

Borovikov Y.S., Cand.Sc. in Engineering, Associate professor, director of TPU Power Engineering Institute (Tomsk);

Erokhin P.M., D.Sc. in Engineering, Deputy counselor for «SO UES» JSC Chairman of the board (Moscow – Yekaterinburg);

Khlebov A.V., Director General of the UDA Siberia, Kemerovo branch office of the «SO UES» JSC.

Organizational committee members:

Ayuiev B.I., D.Sc. in Engineering, Chairman of the Board of «SO UES» JSC (Moscow);

Gofman A.V., Cand.Sc. in Engineering, Deputy director – Director of cooperation of Charity Foundation «Trustworthy Young Generation» (Moscow) with Educational Institutions;

Strizhak P.A., D.Sc. in Physics and Mathematics, Professor, Deputy director of Scientific work in TPU Power Engineering Institute (Tomsk);

Soulaymanov A.O., Cand.Sc. in Engineering, Associate professor, Head of scientific department at TPU Power Engineering Institute (Tomsk);

Tyutikov V.V., D.Sc. in Engineering, Pro-rector of Scientific work in Ivanovo State Power University named after V.I.Lenin (Ivanovo);

Khoshtariya O.E., Head of personnel management service of UDA Siberia, Kemerovo branch office of the «SO UES» JSC;

Tchekletsova S.P., Deputy Director of corporate management, «SO UES» JSC (Moscow);

Shulginov N.G., Cand.Sc. in Engineering, First deputy of the Chair of the Board of «SO UES» JSC (Moscow);

Yakis P.V., Director of Tomsk RDA (Tomsk), branch office of «SO UES» JSC

PROGRAM COMMITTEE

Co-chairs:

Alekseenko S.V., D.Sc. in Physics and Mathematics, Corresponding member of RAS, director of Thermal Physics Institute named after S.S.Koutateladze of Siberian Branch of the Russian Academy of Sciences (Novosibirsk);

Voropai N.I., D.Sc. in Engineering, Corresponding member of RAS, Director of Melentiev Energy Systems Institute of Siberian Branch of the Russian Academy of Sciences (Irkutsk).

Program committee members:

Bartolomei P.I., D.Sc. in Engineering, Professor of «Automated Electrical Systems» department of Ural Federal University named after the first President of Russia B.N.Yeltsin (Yekaterinburg);

Weinstein R.A., D.Sc. in Engineering, Professor of «Electric Power Systems» department of TPU (Tomsk);

Gerasimov A.S., Cand.Sc. in Engineering, Director General Deputy – Director of Department of System Research and Perspective Development of JSC «STC UES» (Sankt-Petersburg);

Goldstein V.G., D.Sc. in Engineering, Corresponding member of Academy of Electrotechnical Sciences of the Russian Federation, Professor of «Automated power systems» department of Samara State Technical University (Samara);

Gusev A.S., D.Sc. in Engineering, Professor of «Electric Power Systems» department of TPU (Tomsk);

Gusenkov A.V., D.Sc. in Engineering, Associate professor, Head of «Power Stations, Substations and Electrical Equipment Diagnostics» department of Ivanovo State Power University (Ivanovo);

Zavorin A.S., D.Sc. in Engineering, Professor, Head of «Steam Generating Machinery Engineering» department of TPU (Tomsk);

Kolosok I.N., D.Sc. in Engineering, Professor, Leading research assistant of Melentiev Energy Systems Institute of Siberian Branch of the Russian Academy of Sciences (Irkutsk);

Kouznetsov G.V., D.Sc. in Physics and Mathematics, Professor, Head of «Theoretical and Industrial Heat Systems Engineering» department of TPU (Tomsk);

Lebedev V. D., Cand.Sc. in Engineering, Head of «Electric power systems automatic control» department of Ivanovo State Power University named after V.I.Lenin (Ivanovo);

Loukoutin B.V., D.Sc. in Engineering, Professor, Head of «Industrial Electric Power Supply» department of TPU (Tomsk);

Matveev A.S., Cand.Sc. in Engineering, Associate professor, Head of «Nuclear and Thermal Power Stations» department of TPU (Tomsk);

Mourzin A.Y., Cand.Sc. in Engineering, Associate professor, Head of «Electric Systems» department of Ivanovo State Power University named after V.I.Lenin (Ivanovo);

Nagai V.I., D.Sc. in Engineering, Professor, Head of «Electric power stations and power systems» department of Platov South-Russian State Polytechnic University (Novocherkassk);

Nazarichev A.N., D.Sc. in Engineering, Academician of Academy of Electrotechnical Sciences of the Russian Federation, Professor, Rector of Petersburg Energy Institute of Further Education (Sankt-Petersburg);

Noudelman G.S., Cand.Sc. in Engineering, Professor, Head of «Theory of electrical engineering and relay protection» department of Chuvash State University named after I.N. Ulyanov, Chair of board of directors of "VNIIR" JSC (Cheboksary);

Pazderin A.V., D.Sc. in Engineering, Professor, Head of «Automated Power Systems» department of Ural Federal University named after the first President of Russia B.N.Yeltsin (Yekaterinburg);

Prokhorov A.V., Cand.Sc. in Engineering, Associate professor, Deputy director of educational work of TPU Energy Institute (Tomsk);

Tadzhibaev A.I., D.Sc. in Engineering, Head of «Electrical Equipment Diagnostics» department of Petersburg Energy Institute of Further Education (Sankt-Petersburg);

Fedtchishin V.V., Dean of Energy Faculty, Head of «Power Stations, Substations, Network and Systems» department of Irkutsk State Technical University (Irkutsk);

Phishov A.G., D.Sc. in Engineering, Professor, Head of «Automated Power Systems» (APS) of Novosibirsk State Technical University (Novosibirsk);

Khruschev Y.V., D.Sc. in Engineering, Professor of «Electrical Networks and Electrical Engineering» department of TPU (Tomsk);

Shouin V.A., D.Sc. in Engineering, Professor of «Electric Power Systems Automatic Control» department of Ivanovo State Power University named after V.I.Lenin (Ivanovo).

PARTNERS

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ООО «КАБЕЛЬ»



CONDITIONS OF PARTICIPATION

The participation of young researchers (aged to 35) as co-authors of workshop reports is obligatory.

It is desirable for the report to be presented by the young co-author.

In order to participate in the conference one should register **before 30 September, 2014** on the following web site www.eegm2014.enin.tpu.ru and submit the report.

All submitted original version reports which satisfy the requirements and pass the review are to be published in collected papers.

All participants will be supplied with necessary projection equipment.

Official conference languages are Russian and English.

Forms of participation: full-time, in absentia.

Organizational Fee: none.

Accommodation: Organizational committee provides the booking of hotel rooms in Tomsk with taking into account the accommodation preferences stated by the participants in the application form. It is required to confirm the necessity of hotel booking **before 15 October, 2014** by phone/fax (3822) 563-787.

Results of the Conference:

As the result of the conference the authors of the selected reports will have opportunity to be published in the following magazines:

- ✓ «**Bulletin of the Tomsk Polytechnic University**» (Higher Attestation Commission list);
- ✓ «**Siberian Journal of Science**» (RSCI).

Partners of the conference also announce competitions for the best reports in several nominations. Winners are to receive valuable prizes.

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Organizational committee has the right to make alterations in the text of information message. The altered text is to be sent to all the registered at www.eegm2014.enin.tpu.ru participants via indicated e-mail and to be published at the web site of the conference as well.

REPORT DESIGN REQUIREMENTS

REPORT TITLE

(Capital letters, 14 pt, bold, centered)

indent, 14 pt

N.P.Surname, N.P. Surname

Organization Name in full (Educational Institution, Scientific Research Institution, Faculty,
Department, Group)

(14 pt, centered)

indent, 14 pt

Report volume – from 4 to 6 full A4 pages, Microsoft Word 3.0 and higher.

Text requirements:

- margins: up, bottom, right, left – 30 mm;
- portrait orientation;
- font Times New Roman, 14 pt;
- line spacing – single;
- alignment – in width;
- paragraph indent – 1.25 cm (default);
- automatic hyphenation;
- forced hyphenation, extra spaces and indents are prohibited;
- formulas – Microsoft Equation 3.0;
- figures – black and white (or shades of grey);
- references to used sources – in square brackets.

The report should be thoroughly edited.

The use of automatic lists and references to figures, tables and used sources in the text is prohibited!

The text should be concluded with SUMMARY or CONCLUSIONS.

Requirements for the design of figures (pictures, graphs, charts, diagrams):

- all figures should be black and white;
- font size on the figures not less than 12 pt;
- figures created in Word should be grouped;
- figures and diagrams alignment – centered;
- underlines and figure names should be grouped with figures, font Times New Roman, 14 pt, no indents, alignment – in width;
- figure wrapping in the text – up and down;
- figures should be placed in the text immediately after mentioning for the first time or on the next page;
- all figures should have references. One should write «...according to Figure 2» and so on.

All figures are presented in portrait orientation.

Table design requirements:

Both the title and the number of the table (for instance, Table 1) should be positioned above with the alignment to the right.

Formula design requirements:

All the formulas should be typed in Microsoft Equation3.0 with the following settings:

- normal 14 pt;
- large index 12 pt;
- small index 10 pt;
- large symbol 18 pt;
- small symbol 12 pt.

Formulas should be centered with their numbers put in brackets to the right.

$$D = \frac{1}{N} \cdot \sum_{i=0}^N G^2 \cdot \sqrt{a_i} \quad (1)$$

References design requirements:

The numbers of references in the text are placed in square brackets. The list of references is placed at the end of the report. Please note the general order of entries for books in bibliographic description:

- **Books** - Surname, Initials (period), Full title (period), Place of publishing (colon), Publisher (comma), Number of pages (for instance, 170 p.) or the Page (for instance P.100);
- **Magazine article** – Surnames of authors and initials (period), Full title (double slash), Magazine (period), Year (period), Volume number (period), Issue number (period), Pages;
- **Dissertations** – Surname, Initials (period), Dissertation Title (colon), Dissertation (or author's abstract) for a degree of Doctor (or Candidate) of Science in Engineering (slash), Institute (period), City (comma), Year (period), Number of pages.

REFERENCES

(Capital letters, 14 pt, Left alignment, indent 1.25 cm):

1. Petrov Y.P. Variational methods in Theory of Optimal control L.: Energy, 1977. 280 p.
2. Vasilenko S.V., Levitskiy A.E. Remote power quality control complex in municipal power substations. // Microelectronic information control systems and complexes: collected papers of All-Russian science school, Novochoerkassk, 5-7 September 2011. Novochoerkassk: LIK, 2011. P.41-43.
3. Shevtsov M.V. Transmission of discrete signals between relay protection and automation devices using digital communication channels // Relay specialist. 2009. №1. P.60-63.
4. Patent. 2170880 RF, MPK7 F 23 D 14/02. Gas burner device / A.V. Antokhin, V.N. Romanenko, F.I. Syomin; Close corporation "STEKLOPAK". № 2000125064/06; claimed. 05.10.00; published. 20.07.01, Bulletin. № 5.

In one indent after the references list one should give brief information concerning the scientific advisor including the following: Scientific Advisor: Name, Patronymic Name, Surname, scientific degree, position, and place of work.

All the requirements for the report design are placed in English on the conference web-site.

Note! The reports that do not comply with the requirements are not considered by the organizational committee and will not be included to the collected papers of the conference