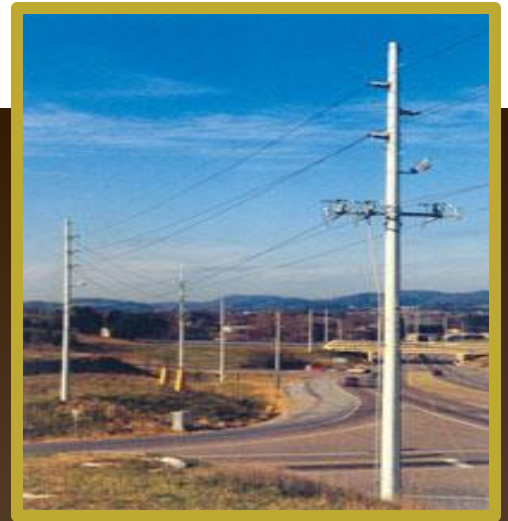


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International Tutorial (Online)

Transmission lines with fiber reinforced polymer composites

Under the aegis of CIGRE NSC B2 on Overhead Lines

10th February 2021 at 17:00 hrs. (90 Minutes)

TAKEAWAYS

The author will cover brief content of brochure CIGRE WG B2.61 and the description of Fiber Reinforce Polymer (FRP) composite structures for transmission lines. Materials used, manufacturing methods implemented, structures built, as well as advantages, disadvantages, and benefits of FRP structures.



Mr. Herbert Lugschitz
Chairman CIGRE SC B2



Mr. Anish Anand
Chairman CIGRE NSC B2 &
ED, POWERGRID

INTERNATIONAL SPEAKER FROM CIGRE

Associations

- Secretary of CIGRE Working Group B2.61
- Transmission Lines with Fiber Reinforced Polymer (FRP) Composites
- Member of Institute of Electrical and Electronics Engineers (IEEE) Power Engineering Society (PES) Overhead Lines Committee
- Member of Canadian Standard Association (CSA) Overhead Systems Committee
- Chair of Canadian Standard Committee (CSA) Fibre-reinforced polymer composite crossarms committee
- Registered Professional Engineer in Canada and in the USA
- Member of the Project Management Institute (PMI)

Education

- M.A.Sc. Civil/Structural Engineering, 1987 Technical University of Budapest, Budapest, Hungary 1987
- Ph.D., Major in Civil Engineering, Minors in Engineering Mechanics and Space Engineering University of Arizona, Tucson, Arizona, USA 1994
- Integrated Leadership Development Program, Segal Graduate School of Business, Simon Fraser University, Vancouver, BC, Canada 2008

Experience

- Founder and CEO, RecogNAlse Technologies Inc., Vancouver, BC, Canada Artificial Intelligence (AI) augmented infrastructure Inspection Company. Canada
- Founder and CEO, Enginomix Consulting Inc., Vancouver, BC, Canada, Providing consulting services in transmission line engineering area
- Vice President of Engineering, Quanta Energized Services USA
- Senior Strategic Technology Specialist for Transmission and Substations, BC Hydro, Canada
- R&D Project Manager, British Columbia Transmission Corporation author and co-author
- Author, co-author and presenter on overhead lines



DR. JANOS TOTH
CANADA

ORGANIZER



IN ASSOCIATION WITH



TUTORIAL CONDUCTED ON



ABOUT CIGRE AND CIGRE-India

The International Council on Large Electric Systems (CIGRE), with its Headquarters at Paris deals in the field of Transmission and Generation. It functions through 16 Study Committees formed for various disciplines of Power Systems. Each Study Committee comprises about 30 experts drawn from various countries. In addition, some more experts are members of the Working Groups/Task Forces formed by these Study Committees. It is a matter of pride that India is represented in all the 16 CIGRE Study Committees as regular member.

CIGRE (Paris) has about 14000 members from 100 countries. Wherever there are more than 40 equivalent members in any country a National Committee is formed with the following aims:

- To disseminate the technical information to the members of the national committee.
 - To propose papers for presentation at CIGRE sessions
 - To encourage membership of CIGRE
 - To organize representation in CIGRE session / symposia
- CIGRE (India) is an affiliate of Central Board of Irrigation and Power. It is the Indian National Committee of CIGRE and is a registered society. It co-ordinates the activities of CIGRE in India, through a number of National Study Committees and disseminates the information about the activities of the CIGRE Study Committees and Working Groups to various organization in India. From India there were 820 equivalent members for CIGRE in the year 2019.

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ADDRESS FOR CORRESPONDENCE

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