



Call for Papers

Cigre B4 International Colloquium in collaboration with the 2019 Cigre Southern Africa Regional Conference Johannesburg, South Africa, 1 – 5 October 2019

Colloquium Theme: HVDC and FACTS for Regional Interconnections and Renewable Energy Integration

The aim of the 2019 Cigre B4 International Colloquium is to provide a forum for discussion on the use of HVDC and FACTS considering the aspects of planning, available technology, projects and operational experience related to regional interconnectors and renewable energy integration with a focus on Africa. There is a need for regional integration of electricity networks in Africa. The installation of renewable is also increasing and these present challenges for planners and operators of networks.

The preferential topics reflect the above and the colloquium is intended to stimulate discussion on these important topics during the technical sessions. This event is held in conjunction with the 2019 Cigre Southern African Regional Conference.

B4 working group meetings will be held on the preceding weekend (28th-29th September) with the 2019 B4 SC meeting taking place on the 30th of September 2019.

Preferential Subjects

Papers related to the application of HVDC and FACTS for planning, technology, projects and operational experience with focus on the following subjects are invited.

- Network stability
- Renewable energy
- Regional interconnections
- LVDC and MVDC distribution and microgrids
- Distributed FACTS devices
- Impact of renewable energy/changes in transmission patterns

- Inverter based energy storage technologies
- Synthetic inertia
- Economic solutions for tapping small power from HVDC lines
- Refurbishment and upgrades of HVDC and FACTS installations

Registration

Registration will be opened on 1st December 2018. The preliminary programme information will be available on: <http://www.cigresa.org.za/event/2019-b4-colloquium/>

Committees

The symposium organizing and technical committees are composed of the following:

SC-B4 Colloquium Organising Committee Chairperson: Nombuso Ramaite

SC-B4 Colloquium Technical Committee Chairperson: Thomas Magg

Submission of Synopses

Participants wishing to present and publish papers should submit synopses by following instructions on <http://www.cigresa.org.za/event/2019-b4-colloquium/> where the synopses and paper templates are also available. All synopses, papers and presentations must be in English. Please note that authors should be available to present at the colloquium.

Deadlines

Receipt of synopses	15 th November 2018
Notification of acceptance	15 th December 2018
Receipt of full paper	30 th April 2019
Notification of final acceptance	30 th June 2019