



2012 Activity Report

Study Committee C6

1. Highlights

- Paris session with interesting contributions
- 3 new WGs together with CIRED set up
- Ideas for 4 new WGs collected

2. Working group changes since the last TC meeting

a. New WG

WG	Title of the Working Group	Date of approval	Convenor
JWG C6-25/ CIRED	Control and Automation Systems for Electricity Distribution Networks of the Future	2012	G. Mauri (IT)
JWG C6-26/ CIRED	Protection of Distribution System with DER	2012	B. Bak-Jensen (DK)
JWG C6-27/ CIRED	Asset management for distribution networks with high penetration of distributed energy resources	2012	B. Buchholz (DE)

b. WG Disbanded

- in 2012 WG C6.16 ‘technologies for rural electrification’ was disbanded

3. Publications

a. Publications since the last TC meeting (April 2012)

- No publications

b. Publication plan for the coming year

Working Group	Title	Kind of publication	Expected date
WG C6.19	Planning and optimization methods for active distribution systems	<i>Technical brochure and summary for ELECTRA on results</i>	06/13
WG C6.20	Integration of electric vehicles in electric power systems	<i>Technical brochure and summary for ELECTRA on results</i>	08/13
WG C6.21	Smart Metering – state of the art, regulation, standards and future requirements	<i>Technical brochure and summary for ELECTRA on results</i>	06/13
WG C6.22	Microgrids Evolution Roadmap	<i>Technical brochure and summary for ELECTRA on results</i>	12/13
WG C6.24	Capacity of Distribution Feeders for Hosting DER	<i>Technical brochure and summary for ELECTRA on results</i>	06/13



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4. Tutorials and workshops in 2012

No tutorials were held in 2012

5. Strategic Plan and Action Plan : status (to be reviewed, updated, re-written or still valid, consideration of the TC strategic directions)

A strategic plan for the period 2007-2016 and an action plan for the period 2010-2011 (last update December 2010) are available; both are still valid. Future strategy has been discussed during SC C6 meeting in August in Paris. Corresponding WG proposals will be written.

6. Planned SC meetings (in 2012 and next)

In 2012 the SC met in Paris on August 29th during the CIGRE Session.

The 2013 SC meeting will take place in Yokohama, Japan, on October 11th, 2013

The 2014 SC meeting will take place in conjunction with the CIGRE Session in Paris.

For 2015 SC C6 received invitations to hold its meeting in in Brazil or in Vienna, Austria.

7. Participation to Regional Meetings, colloquia and symposia :

a. In 2012 (passed)

- IEEE Smart Grid conference, Berlin, 14-17 October 2012.
- IRED (Integration of Renewable Energy and Distributed Energy Resources), Berlin, 4– 6 December 2012

b. In 2013 and beyond (scheduled)

- CIGRE/CIRED Conference in Lisbon, April 2013
- Yokohama (Japan) – Symposium, title to be confirmed - October 2013, supported by SC C6

8. Relations with other organisations

The SC C6 chairman Nikos Hatzargyriou is strongly involved in European smart grids technology platform and European research activities.
Close connections to CIRED and IEEE exist due to activities of SC C6 members.

9. Measures to improve the quality of SC documents

All documents have to follow a quality check.

10. SC website : on-line contents and date of last update

SC website is regularly updated, last update on November, 31th 2012

11. Communication Officer

Alex Baitch from Australia was assigned to be communication officer.



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12. Miscellaneous