



LIST OF STUDY COMMITTEE MEMBERS PER NATIONAL COMMITTEE
FOR THE PERIOD FROM AUGUST 2018 TO AUGUST 2020

Study Committee membership for 2018-2020

PROCEDURE FOR THE APPOINTMENT OF STUDY COMMITTEE MEMBERS (extracts from the Rules for Study Committee: APPENDIX B)

Appointment of Study Committee members is proceeded to once every other year. The appointment procedure for Regular and Observer members to Study Committees includes the following steps:

1. Before the end of uneven number years an enquiry is carried out with National Committees:

NCs are requested to send their proposals for SC membership for the 2 following years, Regular members and Observer members.

For every new candidate a short C.V. must be supplied (failing which the candidacy will not be considered).

The Curriculum Vitae must bring out the candidate's experience, the work he has achieved in the area of concern of the Study Committee and indicate his present position, the address of his Company and his contact details.

Note: Substitutes replacing retiring members temporarily (Rule 5.1), should put forward their candidacy as a new member. The deadline set for receipt of the proposals and CVs from National Committees should be strictly observed.

2. Proposals from the National Committees are sent to the Secretary General who passes them on with comments, if any, to the Study Committee Chairmen.

3. On account of the limited number of seats on Study Committees, a number of candidates proposed by National Committees may not be considered for regular membership. Study Committee Chairmen may however propose that these candidates be appointed as observer members.

4. Taking into account favourable opinions or reservations expressed by Study Committee Chairmen, the TC Chairman, with the collaboration of the Secretary General, draws up a proposal to be put forward to the Steering Committee.

5. At the first Steering Committee meeting held in even number years, the Steering Committee decides on renewals and new appointments. No candidacies will be accepted after this meeting.

6. The Chairmen of Study Committees and of National Committees as well as the newly appointed or renewed members are informed of the Steering Committee's decisions by the Secretary General.

7. Newly appointed members will officially take up their functions at the first meeting after their appointment, usually at the time of the Paris Session

Study Committee membership for 2018-2020

Chairman

TC & SC

Committee	Chairman's name	Country	Email
TC Technical Committee	SZECHTMAN Marcio	BR 2018	marcio@szechtman.net
A1 Rotating electrical machines	SMIT Nico	ZA 2014	smitnw@eskom.co.za
A2 Power transformers and reactors	RYDER Simon	GB 2016	sryder@double.com
A3 Transmission & distribution equipment	UZELAC Nenad	US 2018	nuzelac@gwelec.com
B1 Insulated cables	MARELLI Marco	IT 2016	marco.marelli@prysmiangroup.com
B2 Overhead lines	LUGSCHITZ Herbert	AT 2016	herbert.lugschitz@apg.at
B3 Substations and electrical installations	KAWAKITA Koji	JP 2018	kawakita.kouji@chuden.co.jp
B4 DC systems and power electronics	RASHWAN Mohamed	CA 2014	mrashwan@tgs.biz
B5 Protection and automation	LOKEN Rannveig	NO 2018	rannveig.loken@statnett.no
C1 Power system development and economics	STASCHUS Konstantin	DE 2014	konstantin.staschus@entsoe.eu
C2 Power system operation and control	DE GRAAFF Susana	NL 2016	susana.de.graaff@tennet.eu
C3 Power system environmental performance	SANDERS Henk	NL 2016	henk.sanders@tennet.eu
C4 Power system technical performance	EMIN Zia	GB 2016	zia.emin@ieee.org
C5 Electricity markets and regulation	CRUICKSHANK Alex	AU 2018	acruicks@me.com
D1 Materials and emerging test techniques	PIETSCH Ralf	DE 2016	pietsch@highvolt.de
D2 Information systems and telecommunication	SINENKO Olga	RU 2018	sinenko_ov@rtsoft.msk.ru

Study Committee membership for 2018-2020

Secretary

TC & SC

Committee	Secretary's name	Country	Email
TC Technical Committee	MAUGAIN Yves	FR 2012	yes.maugain@cigre.org
A1 Rotating electrical machines	WIEHE Peter	AU 2014	peter.wiehe@hydro.com.au
A2 Power transformers and reactors	GRADNIK Tim	SI 2016	tim.gradnik@eimv.si
A3 Transmission & distribution equipment	RICHTER Frank	DE 2014	frank.richter@50hertz.com
B1 Insulated cables	GILLE Alain	BE 2012	alain.gille@verbraeken-infra.eu
B2 Overhead lines	TROPFAUER Wolfgang	AT 2016	wolfgang.troppauer@mosdorfer.com
B3 Substations and electrical installations	MIGNE Romain	FR 2014	romain.migne@rte-france.com
B4 DC systems and power electronics	HU Joanne	CA 2014	j.hu@rbjengineering.com
B5 Protection and automation	ADAMS Richard	GB 2018	richard.adams@ramboll.co.uk
C1 Power system development and economics	RODDY Peter	GB 2000	peter.rodgy@uk.ngrid.com
C2 Power system operation and control	SEWDIEN Vinay	NL 2016	vinay.sewdien@tennet.eu
C3 Power system environmental performance	VAZQUEZ Mercedes	ES 2012	mmvazquez@ree.es
C4 Power system technical performance	LIETZ Genevieve	DE 2018	g.lietz@ieee.org
C5 Electricity markets and regulation	TACCOEN Alain	FR 2002	alain.taccoen@edf.fr
C6 Active distribution systems and distributed energy resources	JOOS Geza	DE 2017	geza.joos@mcgill.ca
D1 Materials and emerging test techniques	SEILER Johannes	DE 2012	johannes.seiler@tum.de
D2 Information systems and telecommunication	NOUARD J�el	FR 2016	joel.nouard@rte-france.com

Study Committee membership for 2018-2020

National Committee

ALGERIA

DZ

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines			
A2 Power transformers and reactors			
A3 Transmission & distribution equipment	ZEROUALIA Souhila	Observer 2018	zeraoulia.souhila@credeg.dz
B1 Insulated cables			
B2 Overhead lines			
B3 Substations and electrical installations	REBBOUH Fateh Eddine	Observer 2018	rebbouh.fateheddine@credeg.dz
B4 DC systems and power electronics			
B5 Protection and automation			
C1 Power system development and economics	HABIB Mohamed Lakhdar	Observer 2018	habib.mohamedlakhdar@sonelgaz.dz
C2 Power system operation and control			
C3 Power system environmental performance	OULDYOUNES Slimane	Observer 2018	ouldyounes.slimane@sonelgaz.dz
C4 Power system technical performance	BENABBES Saadsaoud	Observer 2018	benabbes.saadsaoud@credeg.dz
C5 Electricity markets and regulation			
C6 Active distribution systems and distributed energy resources			
D1 Materials and emerging test techniques			
D2 Information systems and telecommunication			

Study Committee membership for 2018-2020

National Committee

ANDEAN

AN

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines			
A2 Power transformers and reactors			
A3 Transmission & distribution equipment	QUIJAITE DAVILA Freddy	Observer 2018	fquijaite@gmail.com
B1 Insulated cables			
B2 Overhead lines	GUERRA CHIRINOS Roberto Arturo	Observer 2016	rguerra101@yahoo.com
B3 Substations and electrical installations	VALDIVIA CARDENAS Luis	Observer 2018	luis.valdivia@gmail.com
B4 DC systems and power electronics			
B5 Protection and automation	URRUTIA RAMOS Diego	Observer 2018	diego.urrutia@siemens.com
C1 Power system development and economics	AGUILAR QUIROZ Ricardo	Observer 2018	r.aguilarquiroz@icloud.com
C2 Power system operation and control	GUERRA MONTES DE OCA Jaime	Observer 2018	jaguerramdo@gmail.com
C3 Power system environmental performance			
C4 Power system technical performance			
C5 Electricity markets and regulation	CUADROS QUINTEROS Erick	Observer 2018	erick.cuadros@buenaventura.pe
C6 Active distribution systems and distributed energy resources			
D1 Materials and emerging test techniques	PADILLA GUTIERREZ Darwin	Observer 2018	dpadilla@rep.com.pe
D2 Information systems and telecommunication			

Study Committee membership for 2018-2020

National Committee

ARAB STATES OF THE GULF

GCC

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines			
A2 Power transformers and reactors			
A3 Transmission & distribution equipment	AL-SHEHABI Kamel	Observer 2016	kamel.alshehabi@ewa.bh
B1 Insulated cables	AL-RAHBI Ahmed	Observer 2018	ahmed.alrahbi@omangrid.com
B2 Overhead lines	AL-OTAIBI Mutlaq	Observer 2018	psmd1975@hotmail.com
B3 Substations and electrical installations	AL-HARTHI Salem	Regular 2016	salem@transco.ae
B4 DC systems and power electronics	AL-MUBARAK Ahmed	Regular 2016	ahmubarak@se.com.sa
B5 Protection and automation	AL-OMAIR Riyadh	Regular 2018	raumair@ngrid.sa
C1 Power system development and economics	SHAIKH Mohamed	Regular 2016	shaikh@gccia.com.sa
C2 Power system operation and control	AL-ZAHRANI Hashim	Regular 2016	hzahrani@gccia.com.sa
C3 Power system environmental performance	BAMASAK Saleh	Regular 2018	smbamasak@ngrid.sa
C4 Power system technical performance	AL-MAHMOUD Abdulaziz	Regular 2018	aaalmahmoud@km.com.qa
C5 Electricity markets and regulation	A L-SHAHRANI Nasser	Regular 2018	nshahrani@gccia.com.sa
C5 Electricity markets and regulation	AL-HAMAD Al-Hamad	Regular additional 2018	mhamad@gccia.com.sa
C6 Active distribution systems and distributed energy resources	ALLAF Bander	Observer 2018	banderallaf@hotmail.com
D1 Materials and emerging test techniques			
D2 Information systems and telecommunication	RAHMA Alaa	Regular 2018	arahma@gccia.com.sa

Study Committee membership for 2018-2020

National Committee

ARGENTINA

AR

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	CANNATELLA Alejandro	Regular 2018	alejandro.cannatella@impsa.com
A2 Power transformers and reactors	GONZÁLEZ Ezequiel	Observer 2018	ezequiel.gonzalez@transba.com.ar
A3 Transmission & distribution equipment	SECCHI Marino Gaston	Observer 2016	gaston.secchi@transener.com.ar
B1 Insulated cables	SEYBOLD Fernando Werner	Observer 2018	fseybold@edenor.com
B2 Overhead lines	MEDAGLIA Leonardo Ariel	Observer 2018	amedaglia@edenor.com
B3 Substations and electrical installations	GRINSCHPUN Horacio Luis	Observer 2012	hgrinschpun@edenor.com
B4 DC systems and power electronics	ISSOURIBEHHERE Fernando	Observer 2014	fernandoi@iitree-unlp.org.ar
B5 Protection and automation	DUFOUR Enrique	Observer 2018	enrique.dufour@transener.com.ar
C1 Power system development and economics	GILL ESTEVEZ Pablo Daniel	Observer 2016	pestevez@grupome.com
C2 Power system operation and control	AMICO Gerardo Dario	Observer 2016	gerardoamico@cammesa.com.ar
C3 Power system environmental performance	BARBIERI Maria Beatriz	Regular 2018	bbarbieri@iitree-unlp.org.ar
C4 Power system technical performance	BIANCHI LASTRA Raúl	Observer 2016	rbianchi@iitree-unlp.org.ar
C5 Electricity markets and regulation	CASSANO Martín	Observer 2018	martincassano@cammesa.com.ar
C6 Active distribution systems and distributed energy resources	SAMPER Mauricio Eduardo	Observer 2018	msamper@iee.unsj.edu.ar
D1 Materials and emerging test techniques	CATALANO Leonardo	Observer 2018	lcatalano@iitree-unlp.org.ar
D2 Information systems and telecommunication	CAMPOS Ariel	Regular 2018	ariel.campos@transener.com.ar

Study Committee membership for 2018-2020

National Committee

AUSTRALIA

AU

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	TRAN Tri	Regular 2018	tri.tran@agl.com.au
A2 Power transformers and reactors	WILLOUGHBY Ross	Regular 2016	ross.willoughby@alstom.com
A3 Transmission & distribution equipment	PEPPER Wayne	Regular 2016	wpepper@ausgrid.com.au
B1 Insulated cables	WHEATLAND Russell	Regular 2018	russell.wheatland@ausnetservices.com.au
B2 Overhead lines	MCCORMACK John	Regular 2016	mccormack.john@electranet.com.au
B3 Substations and electrical installations	COSTAN Crina-Miana	Regular 2018	ccostan@conpower.com.au
B4 DC systems and power electronics	BRAND Les	Regular 2014	les.brand@amplitudepower.com
B5 Protection and automation	BISHOP Peter	Regular 2018	peter.bishop@transpower.co.nz
C1 Power system development and economics	ANCELL Graeme	Regular 2014	gancell@actrix.co.nz
C2 Power system operation and control	HESSE Greg	Regular 2018	ghesse@powerlink.com.au
C3 Power system environmental performance	HART James	Regular 2014	jhart@ausgrid.com.au
C4 Power system technical performance	HALLEY Andrew	Regular 2016	andrew.halley@tasnetworks.com.au
C5 Electricity markets and regulation	CRUICKSHANK Alex	Regular 2014	acruicks@me.com
C6 Active distribution systems and distributed energy resources	BROWN Ray	Regular 2018	ray@rbpe.com.au
D1 Materials and emerging test techniques	TUSEK Joe	Regular 2012	joe.tusek@aurecongroup.com
D2 Information systems and telecommunication	TAN Victor	Regular 2016	emailvictor@gmail.com

Study Committee membership for 2018-2020

National Committee

AUSTRIA

AT

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	NEUMAYER Fritz	Regular 2018	fritz.neumayer@andritz.com
A2 Power transformers and reactors	LEBER Gerald	Regular 2018	gerald.leber@siemens.com
A3 Transmission & distribution equipment	BRAUNER Georg	Observer 2012	georg.brauner@ait.ac.at
B1 Insulated cables	MOHAUPT Peter	Observer 2012	peter.mohaupt@mohaupt-hv.com
B2 Overhead lines	REICH Klemens	Regular 2014	klemens.reich@apg.at
B3 Substations and electrical installations	SCHICHLER Uwe	Regular 2014	uwe.schichler@tugraz.at
B4 DC systems and power electronics	GAUN Alexander	Regular 2018	alexander.gaun@coilinnovation.at
B5 Protection and automation	DRUML Gernot	Observer 2016	g.druml@kabelmail.de
C1 Power system development and economics			
C2 Power system operation and control			
C3 Power system environmental performance	SUMEREDER Christof	Observer 2016	christof.sumereder@fh-joanneum.at
C4 Power system technical performance	PACK Stephan	Regular 2012	pack@tugraz.at
C5 Electricity markets and regulation			
C6 Active distribution systems and distributed energy resources	STRASSER Thomas	Regular 2018	thomas.strasser@ait.ac.at
D1 Materials and emerging test techniques	KOLTUNOWICZ Wojciech	Regular 2016	wojciech.koltunowicz@omicron.at
D2 Information systems and telecommunication	ZIERLINGER Stefan	Regular 2018	stefan.zierlinger@verbund.com

Study Committee membership for 2018-2020

National Committee

BELGIUM

BE

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	MEUNIER Jean-Michel	Observer 2012	jean-michel.meunier@laborelec.com
A2 Power transformers and reactors	VAN DER VEKEN Wim	Regular 2016	wim.van.der.veken@cgglobal.com
A3 Transmission & distribution equipment	GODEAU Benoit	Observer 2018	benoit.godeau@elia.be
B1 Insulated cables	LEEMANS Pieter	Regular 2018	pieter.leemans@elia-engineering.com
B2 Overhead lines	GOFFINET Jean-François	Regular 2018	jean-francois.goffinet@elia-engineering.com
B3 Substations and electrical installations	LEEMANS Bart	Regular 2018	bart.leemans@elia.be
B4 DC systems and power electronics	RIMEZ Johan	Observer 2012	johan.rimez@elia.be
B5 Protection and automation	MOORS Cédric	Regular 2016	cedric.moors@elia-engineering.com
C1 Power system development and economics	DE SUTTER Stijn	Regular 2016	stijn.desutter@elia.be
C2 Power system operation and control	VILLELLA Fortunato	Observer 2016	fortunato.villella@eliagrid-int.com
C3 Power system environmental performance	LEFEBVRE Igor	Regular 2018	igor.lefebvre@elia.be
C4 Power system technical performance	NENS Eric	Observer 2018	eric.nens@engie.com
C5 Electricity markets and regulation	DELARUE Erik	Regular 2018	erik.delarue@kuleuven.be
C6 Active distribution systems and distributed energy resources	DECONINCK Geert	Regular 2018	geert.deconinck@kuleuven.be
D1 Materials and emerging test techniques	SIMAL Robin	Observer 2016	robin.simal@laborelec.com
D2 Information systems and telecommunication	MARICQ Johan	Regular 2018	johan.maricq@elia.be

Study Committee membership for 2018-2020

National Committee

BOSNIA HERZEGOVINA

BA

Study Committee	Member's name	Nomination	Email
A1	Rotating electrical machines		
A2	Power transformers and reactors		
A3	Transmission & distribution equipment		
B1	Insulated cables		
B2	Overhead lines		
B3	Substations and electrical installations		
B4	DC systems and power electronics		
B5	Protection and automation		
C1	Power system development and economics		
C2	Power system operation and control		
C3	Power system environmental performance		
C4	Power system technical performance		
C5	Electricity markets and regulation		
C6	Active distribution systems and distributed energy resources		
D1	Materials and emerging test techniques		
D2	Information systems and telecommunication		

Study Committee membership for 2018-2020

National Committee

BRAZIL

BR

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	SINISCALCHI Márcio	Regular 2014	mrsinis@terra.com.br
A2 Power transformers and reactors	BASTOS Gilson	Regular 2014	gilson.mbastos@gmail.com
A3 Transmission & distribution equipment	RODRIGUES MARTINS Helvio Jailson	Regular 2014	helvio99@gmail.com
B1 Insulated cables	GAMA RIBEIRO DE LOUREDO Nadia Helena	Regular 2014	prico10@uol.com.br
B2 Overhead lines	NASCIMENTO Carlos Alexandre	Regular 2014	caxandre@cemig.com.br
B3 Substations and electrical installations	LACORTE Marta	Regular 2018	marta.lacorte@ativa.eng.br
B4 DC systems and power electronics	TENORIO Ricardo	Regular 2017	ricardo.tenorio@ons.org.br
B5 Protection and automation	RODRIGUES Marco	Regular 2016	mamr@cepel.br
C1 Power system development and economics	SIMÕES DE JESUS Valdson	Regular 2014	valdson.jesus@eletrobras.com
C2 Power system operation and control	DARRIBA MACEDO Jayme	Regular 2018	jayme@ons.org.br
C3 Power system environmental performance	MUSTAFÁ André Luiz	Regular 2018	andre.mustafa@cesp.com.br
C4 Power system technical performance	DA COSTA OLIVEIRA ROCHA Angelica	Regular 2018	angrocha1@gmail.com
C5 Electricity markets and regulation	MELLO João	Regular 2016	jmello@thymosenergia.com.br
C6 Active distribution systems and distributed energy resources	RASIAOKI Alexandre	Regular 2018	araoki@gmail.com
D1 Materials and emerging test techniques	CASTRO Adriana	Regular 2014	adrianap@cemig.com.br
D2 Information systems and telecommunication	ARAUJO Marcelo	Regular 2014	marcelo.araujo@eletronorte.gov.br

Study Committee membership for 2018-2020

National Committee

CANADA

CA

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	TREMBLAY Rémi	Regular 2016	tremblay.remi@hydro.qc.ca
A2 Power transformers and reactors	PICHER Patrick	Regular 2016	picher.patrick@ireq.ca
A3 Transmission & distribution equipment	RAHMATIAN Farnoosh	Regular 2016	frahmatian@nugridpower.com
B1 Insulated cables	ALIBHAY Saleman	Regular 2012	alibhay.saleman@hydro.qc.ca
B2 Overhead lines	VAN DYKE Pierre	Regular 2014	vandyke.pierre@ireq.ca
B3 Substations and electrical installations	KONOWALEC John	Regular 2014	john.w.konowalec@ca.abb.com
B4 DC systems and power electronics	VALIQUETTE Rick	Regular 2016	rvaliquette@teshmont.com
B5 Protection and automation	KASZTENNY Bogdan	Regular 2012	bogdan.kasztenny@ieee.org
C1 Power system development and economics	TSIMBERG Yury	Regular 2014	yury.tsimberg@kinectrics.com
C2 Power system operation and control	SPYKER Rick	Regular 2012	rick.spyker@altalink.ca
C3 Power system environmental performance	KACAR Stanko	Regular 2016	stanko.kacar@siemens.com
C4 Power system technical performance	JACOBSON David	Regular 2016	dajacobson@hydro.mb.ca
C5 Electricity markets and regulation	BHATTACHARYA Kankar	Regular 2014	kankar@uwaterloo.ca
C6 Active distribution systems and distributed energy resources	HENICHE OUSSEDIK Annissa	Regular 2016	heniche.annissa@ireq.ca
D1 Materials and emerging test techniques	OLIVER Derek	Regular 2014	derek.oliver@umanitoba.ca
D2 Information systems and telecommunication	ANTONOVA Galina	Observer 2016	galina.s.antonova@ca.abb.com

Study Committee membership for 2018-2020

National Committee

CHILE

CL

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines			
A2 Power transformers and reactors			
A3 Transmission & distribution equipment			
B1 Insulated cables			
B2 Overhead lines	ARAVENA Marcela	Observer 2018	marcela.aravena@ingtegral.cl
B3 Substations and electrical installations			
B4 DC systems and power electronics	OLGUIN Gabriel	Regular 2018	gabriel.olguin@gmail.com
B5 Protection and automation	CASTRO Rodrigo	Observer 2018	rodrigocastrogonzalez@outlook.cl
C1 Power system development and economics	ARANEDA Juan Carlos	Observer 2018	juan.araneda@coordinador.cl
C2 Power system operation and control	HUBER Ernesto	Observer 2018	ernesto.huber@coordinador.cl
C3 Power system environmental performance			
C4 Power system technical performance			
C5 Electricity markets and regulation	VALENZUELA Patricio	Observer 2018	pcvalenzuelav@gmail.com
C6 Active distribution systems and distributed energy resources	BARRIENTOS Sergio	Observer 2018	sbb@surenergia.cl
D1 Materials and emerging test techniques			
D2 Information systems and telecommunication	MORALES Eduardo	Observer 2018	ecmorales@entel.cl

Study Committee membership for 2018-2020

National Committee

CHINA

CN

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	HU Gang	Regular 2018	hugang0847@sina.com
A1 Rotating electrical machines	ZHENG Xiaokang	Regular additional 2018	dfcigre@dfem.com.cn
A2 Power transformers and reactors	LI Bo	Regular 2016	libo@epri.sgcc.com.cn
A3 Transmission & distribution equipment	LI Peng	Regular 2016	lipeng@epri.sgcc.com.cn
A3 Transmission & distribution equipment	ZHANG Qiaogen	Regular additional 2018	hvzhang@mail.xjtu.edu.cn
B1 Insulated cables	LIU Ying	Regular 2018	candyly@mail.xjtu.edu.cn
B1 Insulated cables	WU Changshun	Regular additional 2018	wuchangshun@jstcw.com
B2 Overhead lines	WU Guangning	Regular 2016	gnwu@home.swjtu.edu.cn
B3 Substations and electrical installations	FAN Jianbin	Regular 2016	jianbin-fan@sgcc.com.cn
B3 Substations and electrical installations	LI Jinzhong	Regular additional 2018	lijz@epri.sgcc.com.cn
B4 DC systems and power electronics	RAO Hong	Regular 2012	raohong@csg.cn
B5 Protection and automation	WEN Jifeng	Regular 2018	wenjf@nrec.com
B5 Protection and automation	LU Yi	Regular additional 2018	lu_yi51@zj.sgcc.com.cn
C1 Power system development and economics	ZHANG Yan	Regular 2018	zhangyan6660@163.com
C1 Power system development and economics	LI Jinchao	Regular additional 2018	lijc78@163.com
C2 Power system operation and control	HE Jingbo	Regular 2018	he-jingbo@sgcc.com.cn

Study Committee membership for 2018-2020

Study Committee	Member's name	Nomination	Email
C2 Power system operation and control	WANG Minkun	Regular additional	2018 wmk_dc@126.com
C3 Power system environmental performance	WU Xiong	Regular	2018 wuxiong@epri.sgcc.com.cn
C3 Power system environmental performance	YE Guoxiong	Regular additional	2018 13507186948@139.com
C4 Power system technical performance	HE Jinliang	Regular	2018 hejl@tsinghua.edu.cn
C5 Electricity markets and regulation	YANG Libing	Regular	2018 libing_y@hotmail.com
C5 Electricity markets and regulation	GE Zhaoqiang	Regular additional	2018 ge_zq@ec.sgcc.com.cn
C6 Active distribution systems and distributed energy resources	MA Zhao	Regular	2014 mazhao@epri.sgcc.com.cn
D1 Materials and emerging test techniques	LIANG Xidong	Regular	2016 lxd-dea@mail.tsinghua.edu.cn
D1 Materials and emerging test techniques	ZHANG Yewen	Regular additional	2018 yewen.zhang@tongji.edu.cn
D2 Information systems and telecommunication	GAO Kunlun	Regular	2018 gkl@geiri.sgcc.com.cn

Study Committee membership for 2018-2020

National Committee

COLOMBIA

CO

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines			
A2 Power transformers and reactors			
A3 Transmission & distribution equipment			
B1 Insulated cables			
B2 Overhead lines			
B3 Substations and electrical installations			
B4 DC systems and power electronics			
B5 Protection and automation	HERNANDEZ Fabio	Observer 2018	fabio.hernandez@hart-ecc.com
C1 Power system development and economics			
C2 Power system operation and control	VANEGAS VESGA Carlos Arturo	Observer 2018	cavanegas@xm.com.co
C3 Power system environmental performance			
C4 Power system technical performance	PEREZ GONZALEZ Ernesto	Observer 2018	eperezg@unal.edu.co
C5 Electricity markets and regulation			
C6 Active distribution systems and distributed energy resources			
D1 Materials and emerging test techniques			
D2 Information systems and telecommunication			

Study Committee membership for 2018-2020

National Committee

CROATIA

HR

Study Committee	Member's name	Nomination	Year	Email
A1 Rotating electrical machines	ANTE Elez	Regular	2018	aelez@koncar-gim.hr
A2 Power transformers and reactors	JANIC Žarko	Observer	2018	zarko.janic@siemens.com
A3 Transmission & distribution equipment	FRÜHWIRTH Borko	Observer	2014	borko.fruhirth@koncar-ket.hr
B1 Insulated cables				
B2 Overhead lines	RUBINIC Zoran	Observer	2014	zoran.rubinic2@dalekovod.hr
B3 Substations and electrical installations				
B4 DC systems and power electronics				
B5 Protection and automation				
C1 Power system development and economics	MAJSTROVIC Goran	Observer	2012	goran.majstrovic@eihp.hr
C2 Power system operation and control	PLAVŠIĆ Tomislav	Observer	2018	tomislav.plavsic@hops.hr
C3 Power system environmental performance				
C4 Power system technical performance	FILIPOVIC-GRCIC Božidar	Observer	2018	bozidar.filipovic-grcic@fer.hr
C5 Electricity markets and regulation				
C6 Active distribution systems and distributed energy resources	ZUTOBRADIC Srdan	Regular	2012	szutobradic@hera.hr
D1 Materials and emerging test techniques				
D2 Information systems and telecommunication				

Study Committee membership for 2018-2020

National Committee

CYPRUS

CY

Study Committee	Member's name	Nomination	Email
A1	Rotating electrical machines		
A2	Power transformers and reactors		
A3	Transmission & distribution equipment		
B1	Insulated cables		
B2	Overhead lines		
B3	Substations and electrical installations		
B4	DC systems and power electronics		
B5	Protection and automation		
C1	Power system development and economics		
C2	Power system operation and control		
C3	Power system environmental performance		
C4	Power system technical performance		
C5	Electricity markets and regulation		
C6	Active distribution systems and distributed energy resources		
D1	Materials and emerging test techniques		
D2	Information systems and telecommunication		

Study Committee membership for 2018-2020

National Committee

CZECH AND SLOVAK REPS

CSR

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	ZEMAN Frantisek	Observer 2012	frantisek.zeman@brush.eu
A2 Power transformers and reactors	DONCUK Jan	Observer 2014	doncuk@ceps.cz
A3 Transmission & distribution equipment	ULLMAN Ivo	Regular 2014	ullman@ceps.cz
B1 Insulated cables			
B2 Overhead lines	BELATKA Martin	Regular 2014	belatka@ceps.cz
B3 Substations and electrical installations	SPURNY Petr	Regular 2014	spurny@ceps.cz
B4 DC systems and power electronics			
B5 Protection and automation	VLADIMÍR Nemanský	Observer 2016	nemansky@ceps.cz
C1 Power system development and economics			
C2 Power system operation and control	ZDENEK Müller	Observer 2016	zdenek.muller@fel.cvut.cz
C3 Power system environmental performance	CHOVANEK Juraj	Observer 2014	juraj.chovanec@vuje.sk
C4 Power system technical performance	SVANCAR Martin	Observer 2012	svancar@egu-wv.cz
C5 Electricity markets and regulation			
C6 Active distribution systems and distributed energy resources			
D1 Materials and emerging test techniques	LACHMAN Jan	Observer 2015	lachman@egu-wv.cz
D2 Information systems and telecommunication	JOSEF Fantik	Observer 2016	fantik@ceps.cz

Study Committee membership for 2018-2020

National Committee

DENMARK

DK

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	MJATOVIC Nenad	Observer 2018	nm@elektro.dtu.dk
A2 Power transformers and reactors	LYKKEGAARD Jan	Regular 2018	jly@energinet.dk
A3 Transmission & distribution equipment			
B1 Insulated cables	CHRISTENSEN Per	Regular 2018	persan@outlook.dk
B2 Overhead lines			
B3 Substations and electrical installations	SØGAARD Kim	Observer 2016	ksq@energinet.dk
B4 DC systems and power electronics	WEINREICH-JENSEN Peter	Regular 2016	peter.weinreich-jensen@siemens.com
B5 Protection and automation	LETH BAK Claus	Regular 2016	clb@et.aau.dk
C1 Power system development and economics	RIIS Henrik	Regular 2016	hri@energinet.dk
C2 Power system operation and control			
C3 Power system environmental performance			
C4 Power system technical performance	FARIA DA SILVA Filipe Miguel	Regular 2016	ffs@et.aau.dk
C5 Electricity markets and regulation			
C6 Active distribution systems and distributed energy resources	PILLAI Jayakrishnan R.	Regular 2016	jrp@et.aau.dk
D1 Materials and emerging test techniques			
D2 Information systems and telecommunication			

Study Committee membership for 2018-2020

National Committee

EGYPT

EG

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	FARAHAT Mahmoud	Observer 2012	mfarahat19@hotmail.com
A2 Power transformers and reactors			
A3 Transmission & distribution equipment			
B1 Insulated cables			
B2 Overhead lines	TANTAWY Ibrahim	Observer 2016	ibrahimtantawy52@gmail.com
B3 Substations and electrical installations			
B4 DC systems and power electronics			
B5 Protection and automation	HELMI Dalal	Observer 2016	dalal_helmi@yahoo.com
C1 Power system development and economics			
C2 Power system operation and control			
C3 Power system environmental performance			
C4 Power system technical performance	MAHMOUD Hassan	Observer 2016	drhmahmoud@moe.gov.eg
C5 Electricity markets and regulation			
C6 Active distribution systems and distributed energy resources			
D1 Materials and emerging test techniques			
D2 Information systems and telecommunication			

Study Committee membership for 2018-2020

National Committee

ESTONIA

EE

Study Committee	Member's name	Nomination	Email
A1	Rotating electrical machines		
A2	Power transformers and reactors		
A3	Transmission & distribution equipment		
B1	Insulated cables		
B2	Overhead lines		
B3	Substations and electrical installations		
B4	DC systems and power electronics		
B5	Protection and automation		
C1	Power system development and economics		
C2	Power system operation and control		
C3	Power system environmental performance		
C4	Power system technical performance		
C5	Electricity markets and regulation		
C6	Active distribution systems and distributed energy resources		
D1	Materials and emerging test techniques		
D2	Information systems and telecommunication		

Study Committee membership for 2018-2020

National Committee

FINLAND

FI

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	SZUCS Aron	Regular 2016	aron.szucs@fi.abb.com
A2 Power transformers and reactors	VIRTANEN Esa	Observer 2014	esa.virtanen@fi.abb.com
A3 Transmission & distribution equipment			
B1 Insulated cables	KOUTI Tuomo Kristian	Regular 2014	tuomo.kouti@prysmiangroup.com
B2 Overhead lines	VÄLIMAA Keijo Tapani	Observer 2014	keijo.valimaa@fingrid.fi
B3 Substations and electrical installations	LAITINEN Tuomas	Regular 2014	tuomas.laitinen@fingrid.fi
B4 DC systems and power electronics	RAUHALA Tuomas	Regular 2016	tuomas.rauhala@fingrid.fi
B5 Protection and automation	HARJULA Antti	Regular 2016	antti.harjula@fingrid.fi
C1 Power system development and economics			
C2 Power system operation and control			
C3 Power system environmental performance			
C4 Power system technical performance	HAARLA Liisa Christina	Regular 2016	liisa.haarla@fingrid.fi
C5 Electricity markets and regulation	SUPPONEN Matti	Regular 2016	matti.supponen@ec.europa.eu
C6 Active distribution systems and distributed energy resources	KAUHANIEMI Kimmo	Observer 2014	kimmo.kauhaniemi@uva.fi
D1 Materials and emerging test techniques	ÅGREN Patrik	Regular 2014	patrik.agren@fi.abb.com
D2 Information systems and telecommunication	TANNER Sampsamatti Artturi	Regular 2014	sampsamatti.tanner@fingrid.fi

Study Committee membership for 2018-2020

National Committee

FRANCE

FR

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	CHAY Pascal	Regular 2014	pascal.chay@ge.com
A2 Power transformers and reactors	PERRIER Christophe	Regular 2016	christophe.perrier1@ge.com
A2 Power transformers and reactors	SACOTTE Michel	Regular additional 2018	michel.sacotte@schneider-electric.com
A3 Transmission & distribution equipment	CYRIL Gregoire	Regular 2016	cyril.gregoire@ge.com
B1 Insulated cables	MAMMERI Mohammed	Regular 2014	mmammeri@generalcable-fr.com
B2 Overhead lines	ROZE Cécile	Regular 2018	cecile.roze@rte-france.com
B3 Substations and electrical installations	OLMIER François	Regular 2018	francois.olivier@edf.fr
B4 DC systems and power electronics	DESPOUYS Olivier	Regular 2016	olivier.despouys@rte-france.com
B5 Protection and automation	BOISSET Jean-Marie	Observer 2012	jean-marie.boisset@rte-france.com
C1 Power system development and economics	LAURENT Séverine	Regular 2017	severine.laurent@rte-france.com
C2 Power system operation and control	DUMARQUEZ Philippe	Regular 2014	philippe.dumarquez@rte-france.com
C3 Power system environmental performance	LABBAYE Agnès	Regular 2016	agnes.labbaye@rte-france.com
C3 Power system environmental performance	CHAFFARDON Gersende	Regular additional 2018	gersende.chaffardon@rte-france.com
C4 Power system technical performance	MARTINEZ DURO Manuel	Regular 2018	manuel.martinez@edf.fr
C5 Electricity markets and regulation	DONETTI-MEZIERE Carine	Regular 2018	carine.donetti-meziere@rte-france.com
C6 Active distribution systems and distributed energy resources	WAUQUIEZ Frédéric	Regular 2018	frederic.wauquiez@ge.com
C6 Active distribution systems and distributed energy resources	PERRIN Marion	Regular additional 2018	marion.perrin@oscaro.com
D1 Materials and emerging test techniques	BERTELOOT Thomas	Regular 2016	thomas.berteloot@ge.com

Study Committee membership for 2018-2020

Study Committee	Member's name	Nomination	Email
D1 Materials and emerging test techniques	CASTELLON Jérôme	Regular additional	2018 jerome.castellon@umontpellier.fr
D2 Information systems and telecommunication	FORES Christian	Regular	2014 christian.fores@ge.com

Study Committee membership for 2018-2020

National Committee

GERMANY

DE

Study Committee		Member's name	Nomination	Email
A1	Rotating electrical machines	WEIDNER Juergen R.	Regular 2012	juergen.r.weidner@siemens.com
A2	Power transformers and reactors	LOPPACH Karsten	Regular 2014	karsten.loppach@siemens.com
A2	Power transformers and reactors	HEINZ Michael	Regular additional 2018	michael.heinz@siemens.com
A3	Transmission & distribution equipment	MAKAREINIS Dirk	Regular 2014	dirk.makareinis@siemens.com
B1	Insulated cables	ZHANG Roland Dongping	Regular 2016	dongping.zhang@tennet.eu
B1	Insulated cables	WASCHK Volker	Regular additional 2018	volker.waschk@nkt.com
B2	Overhead lines	PUFFER Ralf	Regular 2012	puffer@ifht.rwth-aachen.de
B3	Substations and electrical installations	KUNZE Dirk	Regular 2016	dirk.kunze@siemens.com
B3	Substations and electrical installations	KACHELRIESS Günter	Regular additional 2018	gunter.kachelriess@siemens.com
B4	DC systems and power electronics	DORN Joerg	Regular 2018	joerg.dorn@siemens.com
B5	Protection and automation	STACHEL Philipp	Regular 2018	philipp.stachel@schneider-electric.com
C1	Power system development and economics	SCHÄFER Michael	Regular 2018	m.schaefer@transnetbw.de
C2	Power system operation and control	SCHNEIDERS Christoph	Regular 2016	christoph.schneiders@amprion.net
C3	Power system environmental performance	HORENK Katja	Regular 2014	katja.horenk@ltb-leitungsbau.de
C4	Power system technical performance	HENTER Lars	Regular 2018	lars.henter@amprion.net
C5	Electricity markets and regulation	HEWICKER Christian	Regular 2014	christian.hewicker@kema.com
C6	Active distribution systems and distributed energy resources	BRAUN Martin	Regular 2016	martin.braun@iwes.fraunhofer.de
D1	Materials and emerging test techniques	JUHRE Karsten	Regular 2016	karsten.juhre@siemens.com

Study Committee membership for 2018-2020

Study Committee	Member's name	Nomination	Email
D2 Information systems and telecommunication	CORNELISSEN Christian	Observer	2014 christian.cornelissen@hs-ruhrwest.de

Study Committee membership for 2018-2020

National Committee

GREECE

GR

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	LEONIDAKI Irene	Observer 2018	e.leonidaki@deddie.gr
A2 Power transformers and reactors	KLADAS Antonios	Observer 2018	kladasel@central.ntua.gr
A3 Transmission & distribution equipment	MAVROMATOS Konstantinos	Observer 2014	k.mavromatos@admie.gr
B1 Insulated cables	GONOS Ioannis	Observer 2018	igonos@cs.ntua.gr
B2 Overhead lines	KORONIOTAKIS Emmanouil	Observer 2018	e.koroniotakis@admie.gr
B3 Substations and electrical installations	PAPADOPOULOS Costas	Observer 2018	costas.papadopoulos@gr.abb.com
B4 DC systems and power electronics	GEORGANTZIS Georgios	Observer 2018	g.georgantzis@gmail.com
B5 Protection and automation	SOFRONIOU Stefanos	Observer 2018	ssofroniou@admie.gr
C1 Power system development and economics	KABOURIS Ioannis	Regular 2018	kabouris@admie.gr
C2 Power system operation and control	DIALYNAS Evangelos	Regular 2018	dialynas@power.ece.ntua.gr
C3 Power system environmental performance	ARGITI Panagiota	Observer 2018	p.argiti@deddie.gr
C4 Power system technical performance	MICHOS Dimitrios	Observer 2018	dmichos@admie.gr
C5 Electricity markets and regulation	CHAMPAKIS Markos	Observer 2018	m.champakis@deddie.gr
C6 Active distribution systems and distributed energy resources	PAPATHANASSIOU Stavros	Regular 2014	st@power.ece.ntua.gr
D1 Materials and emerging test techniques	ANAGNOSTOU Antonios	Observer 2018	ant.anagnostou@deddie.gr
D2 Information systems and telecommunication	KORRES Georgios	Observer 2014	gkorres@cs.ntua.gr

Study Committee membership for 2018-2020

National Committee

HUNGARY

HU

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines			
A2 Power transformers and reactors	NEMETH Balint	Regular 2012	nemeth.balint@vet.bme.hu
A3 Transmission & distribution equipment			
B1 Insulated cables			
B2 Overhead lines	NEMETH Balint	Regular 2018	nemeth.balint@vet.bme.hu
B3 Substations and electrical installations			
B4 DC systems and power electronics			
B5 Protection and automation			
C1 Power system development and economics			
C2 Power system operation and control			
C3 Power system environmental performance			
C4 Power system technical performance	LADANYI Jozsef	Observer 2018	ladanyi.jozsef@vet.bme.hu
C5 Electricity markets and regulation			
C6 Active distribution systems and distributed energy resources			
D1 Materials and emerging test techniques			
D2 Information systems and telecommunication			

Study Committee membership for 2018-2020

National Committee

ICELAND

IS

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines			
A2 Power transformers and reactors			
A3 Transmission & distribution equipment			
B1 Insulated cables			
B2 Overhead lines	ELIASSON Arni Jon	Regular 2016	arnije@landsnet.is
B3 Substations and electrical installations			
B4 DC systems and power electronics			
B5 Protection and automation			
C1 Power system development and economics			
C2 Power system operation and control			
C3 Power system environmental performance			
C4 Power system technical performance			
C5 Electricity markets and regulation			
C6 Active distribution systems and distributed energy resources			
D1 Materials and emerging test techniques			
D2 Information systems and telecommunication			

Study Committee membership for 2018-2020

National Committee

INDIA

IN

Study Committee		Member's name	Nomination		Email
A1	Rotating electrical machines	CHATURVEDI Dhananjay Kumar	Regular	2016	dkchaturvedi@ntpc.co.in
A2	Power transformers and reactors	GUPTA Seema	Observer	2018	sgupta@powergridindia.com
A3	Transmission & distribution equipment	TYAGI Ravindra Kumar	Regular	2016	tyagir@powergridindia.com
B1	Insulated cables	SHARMA Lalit	Regular	2018	lalit.sharma@kei-ind.com
B2	Overhead lines	ANAND Anish	Regular	2018	anish@powergridindia.com
B3	Substations and electrical installations	SRVASTAVA Rajil	Regular	2014	rajil@powergridindia.com
B4	DC systems and power electronics	CHAUHAN Rajevev Kumar	Regular	2018	rkchauhan@powergridindia.com
B5	Protection and automation	THAKUR Subhash	Regular	2016	subhashthakur@ntpc.co.in
C1	Power system development and economics	PAL Ashok	Regular	2018	ashok@powergridindia.com
C2	Power system operation and control	KONKIMALLA Venkata Srinivasa Baba	Regular	2016	kvsbaba@posoco.in
C3	Power system environmental performance	DE BHOWMICK Barindra Narayan	Regular	2018	barin@powergridindia.com
C4	Power system technical performance	CHAUHAN Bhadresh B.	Observer	2018	md.getco@gebmail.com
C5	Electricity markets and regulation	AGARWAL Praveen Kumar	Regular	2018	pkagarwal@posoco.in
C6	Active distribution systems and distributed energy resources	SUBIR Sen	Regular	2014	subir@powergridindia.com
D1	Materials and emerging test techniques	SUNDAR Jithin	Regular	2012	jithin@bhelmd.co.in
D2	Information systems and telecommunication	SODHA Narendra Singh	Regular	2018	nss5419@gmail.com

Study Committee membership for 2018-2020

National Committee

INDONESIA

ID

Study Committee	Member's name	Nomination	Email
A1	Rotating electrical machines		
A2	Power transformers and reactors		
A3	Transmission & distribution equipment		
B1	Insulated cables		
B2	Overhead lines		
B3	Substations and electrical installations		
B4	DC systems and power electronics		
B5	Protection and automation		
C1	Power system development and economics		
C2	Power system operation and control		
C3	Power system environmental performance		
C4	Power system technical performance		
C5	Electricity markets and regulation		
C6	Active distribution systems and distributed energy resources		
D1	Materials and emerging test techniques		
D2	Information systems and telecommunication		

Study Committee membership for 2018-2020

National Committee

IRAN

IR

Study Committee		Member's name	Nomination	Email
A1	Rotating electrical machines	GHAZIZADEH Sadegh	Observer	2018 ghazizadeh_ms@yahoo.com
A2	Power transformers and reactors	VAKILIAN Mehdi	Observer	2018 vakilian@sharif.edu
A3	Transmission & distribution equipment	GHELICHI Faramarz	Observer	2018 ghelichi.faramarz@monenco.com
B1	Insulated cables	HOSSEINIAN Hossein	Observer	2018 hosseinian@aut.ac.ir
B2	Overhead lines	P. ARABANI Mohsen	Observer	2018 parabani1@yahoo.com
B3	Substations and electrical installations	BAKHTIARI ZADEH Hossain	Observer	2018 hbakhtiarizadeh@ghods-niroo.com
B4	DC systems and power electronics	GHAREPETIAN Georg	Observer	2018 grptian@aut.ac.ir
B5	Protection and automation	ASKARIAN Hossein	Regular	2018 askarian@yahoo.com
C1	Power system development and economics	BERAHMANDPOUR Hodayoun	Regular additional	2018 hberahmandpour@nri.ac.ir
C1	Power system development and economics	SHIRANI Alireza	Observer	2018 shirani.alireza@monenco.com
C2	Power system operation and control	RAJABI Mostafa	Observer	2018 rajabi@igmc.ir
C3	Power system environmental performance	MOMENI Hamidreza	Regular	2018 edu@modares.ac.ir
C4	Power system technical performance	FOTUHI Mahmood	Observer	2018 fotuhi@sharif.edu
C5	Electricity markets and regulation	GHRAGOZLOO Habib	Observer	2018 gharagozloo@igmc.ir
C6	Active distribution systems and distributed energy resources	HAGHIFAM Mahmoudreza	Observer	2018 haghifam@modares.ac.ir
D1	Materials and emerging test techniques	ALIABADI Abbas	Regular	2018 aliabadi@mapnagroup.com
D2	Information systems and telecommunication	KHALAJ Siamak	Regular	2018 khalaj.siamak@monenco.com

Study Committee membership for 2018-2020

National Committee

IRELAND

IE

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	O'SULLIVAN Bernard	Regular 2016	bernard.osullivan@esb.ie
A2 Power transformers and reactors	NOONAN Tim	Regular 2016	tim.noonan@esbi.ie
A3 Transmission & distribution equipment	LE ROUX Robert	Regular 2014	robert.leroux@esbi.ie
B1 Insulated cables	O'ROURKE Patrick	Regular 2016	patrick.orourke@esbi.ie
B2 Overhead lines	CONDON Tim	Regular 2014	tim.condon@esbi.ie
B3 Substations and electrical installations	COLM Twomey	Regular 2014	colm.twomey@esbi.ie
B4 DC systems and power electronics	LOVE Geoff	Regular 2018	geoff.love@pscconsulting.com
B5 Protection and automation	MCGUINNESS Sean	Regular 2018	smcguinness@epri.com
C1 Power system development and economics	DUARTE Mario	Observer 2016	mario.duarte@eirgrid.com
C2 Power system operation and control	MADDERS Maria	Regular 2018	maria.madders@eirgrid.com
C3 Power system environmental performance			
C4 Power system technical performance	MARTA Val Escudero	Regular 2014	marta.valescudero@eirgrid.com
C5 Electricity markets and regulation	MARIE THERESE Campbell	Regular 2014	marietherese.campbell@eirgrid.com
C6 Active distribution systems and distributed energy resources	CODD Ivan	Regular 2016	ivan.codd@esb.ie
D1 Materials and emerging test techniques			
D2 Information systems and telecommunication	MCGEOUGH Karen	Regular 2016	karen.mcgeough@esb.ie

Study Committee membership for 2018-2020

National Committee

ISRAEL

IL

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	SHIMONI Yosi	Observer 2018	yosi.shimoni@iec.co.il
A2 Power transformers and reactors	GRISARU Marius	Observer 2018	mariusgrisaru@iec.co.il
A3 Transmission & distribution equipment	KALYUZHNY Aaron	Observer 2014	aharon@iec.co.il
B1 Insulated cables	POPOK Yuri	Observer 2014	yuri@scli.co.il
B2 Overhead lines	ELLENBOGEN Marcel	Observer 2014	marcelloe@iec.co.il
B3 Substations and electrical installations	DAVID Haim	Observer 2014	haim.david1@iec.co.il
B4 DC systems and power electronics	RABINOVICI Raul	Observer 2018	rr@ee.bgu.ac.il
B5 Protection and automation	STERN Rami	Observer 2016	stern.rami@gmail.com
C1 Power system development and economics	HANOCH Benhaim	Observer 2018	hanoch@iec.co.il
C2 Power system operation and control	AHARONOVICH Igor	Regular 2014	aronovich@iec.co.il
C3 Power system environmental performance	TAL Katz	Regular 2014	ktal@iec.co.il
C4 Power system technical performance	EVGENI Volpov	Regular 2014	evgeni.volpov@gmail.com
C5 Electricity markets and regulation	LEVINZON Alexander	Observer 2018	levinzon.alx@gmail.com
C6 Active distribution systems and distributed energy resources	EICHLER Ami	Observer 2016	eichler_a@iec.co.il
D1 Materials and emerging test techniques	SHKOLNIK Anatoly	Observer 2018	shkola50@gmail.com
D2 Information systems and telecommunication	KLEIN Eliza	Observer 2016	elizakf@gmail.com

Study Committee membership for 2018-2020

National Committee

ITALY

IT

Study Committee		Member's name	Nomination	Email
A1	Rotating electrical machines	OLDRATI Alessandro	Regular 2016	alessandro.oldrati@aen.ansaldo.it
A2	Power transformers and reactors	SACCO Simone	Regular 2018	simone.sacco@terna.it
A3	Transmission & distribution equipment	GIRLANDO Vincenzo	Regular 2018	vincenzo.girlando@ge.com
B1	Insulated cables	MAIOLI Paolo	Regular 2018	paolo.maioli@prysmiangroup.com
B2	Overhead lines	PIROVANO Giovanni	Regular 2014	giovanni.pirovano@rse-web.it
B3	Substations and electrical installations	VALANT Andrea	Regular 2014	andrea.valant@terna.it
B4	DC systems and power electronics	MALGAROTTI Stefano	Regular 2016	stefano.malgarotti@cesi.it
B5	Protection and automation	CASALE Emiliano	Regular 2018	emiliano.casale@terna.it
C1	Power system development and economics	COVA Bruno	Regular 2016	bruno.cova@cesi.it
C2	Power system operation and control	CARLINI Enrico Maria	Regular 2016	enricomaria.carlini@terna.it
C3	Power system environmental performance	SALVADORI Mauro	Regular 2016	mauro.salvadori@enel.com
C4	Power system technical performance	GIANNUZZI Giorgio	Regular 2016	giorgio.giannuzzi@terna.it
C5	Electricity markets and regulation	LIBRATTI Sandro	Observer 2012	sandro.libratti@enel.com
C6	Active distribution systems and distributed energy resources	CAZZATO Fabio	Regular 2012	fabio.cazzato@enel.com
D1	Materials and emerging test techniques	POMPILI Massimo	Regular 2012	massimo.pompili1@uniroma.it
D2	Information systems and telecommunication	DONDOSSOLA Giovanna	Regular 2016	giovanna.dondossola@rse-web.it

Study Committee membership for 2018-2020

National Committee

JAPAN

JP

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	NAGURA Osamu	Regular 2018	nagura.osamu.sc@hm-hydro.com
A2 Power transformers and reactors	YAMADA Shin	Regular 2018	shin.yamada@toshiba.co.jp
A2 Power transformers and reactors	KAKIHARA Masaki	Regular additional 2018	kakihara.masaki@adkk.co.jp
A3 Transmission & distribution equipment	YOSHIDA Daisuke	Regular 2018	yoshida.daisuke@ak.mitsubishielectric.co.jp
B1 Insulated cables	TANAKA Hideo	Regular 2014	h-tanaka@viscas.com
B1 Insulated cables	TANAKA Shou	Regular additional 2018	shou_tanaka@kyuden.co.jp
B2 Overhead lines	YAMAKAWA Taku	Regular 2016	taku_yamakawa@jpower.co.jp
B3 Substations and electrical installations	TSUKAO Shigeyuki	Regular 2018	tsukao.shigeyuki@tepcoco.jp
B3 Substations and electrical installations	OTAKA Nobuko	Regular additional 2018	otaka-n@mb.meidensha.co.jp
B4 DC systems and power electronics	FURUKAWA Hiroyuki	Regular 2018	hiroyuki_furukawa@jpower.co.jp
B5 Protection and automation	SUGANUMA Shinichi	Regular 2014	suganuma.shinichi@tepcoco.jp
C1 Power system development and economics	FUJIOKA Naoto	Regular 2014	fujioka.naoto@b4.kepcoco.jp
C2 Power system operation and control	HIRANO Daigo	Regular 2018	hirano.daigo@chuden.co.jp
C2 Power system operation and control	OYAMA Masayuki	Regular additional 2018	oyama.masayuki@b4.kepcoco.jp
C3 Power system environmental performance	NAKASONO Satoshi	Regular 2018	nakasono@criepi.denken.or.jp
C4 Power system technical performance	BABA Yoshihiro	Regular 2016	ybaba@mail.doshisha.ac.jp
C4 Power system technical performance	SEKIOKA Shozo	Regular additional 2018	sekioka@elec.shonan-it.ac.jp

Study Committee membership for 2018-2020

Study Committee	Member's name	Nomination		Email
C5 Electricity markets and regulation	SUGAHARA Kenichi	Regular	2018	sugahara.kenichi@chuden.co.jp
C6 Active distribution systems and distributed energy resources	MATSUURA Yasuo	Regular	2018	matsuura.yasuo@a2.kepco.co.jp
D1 Materials and emerging test techniques	TAKAHASHI Tsuguhiro	Regular	2016	shodai@criepi.denken.or.jp
D2 Information systems and telecommunication	TAKEHARA Hidetomi	Regular	2016	takehara.hidetomi.zc@tohoku-epco.co.jp

Study Committee membership for 2018-2020

National Committee

JORDAN

JO

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines			
A2 Power transformers and reactors	ELAYAN Husain	Observer 2018	helayan@live.com
A3 Transmission & distribution equipment	ALKHAWALDEH Yousef	Observer 2018	ykhawaldeh@nepco.com.jo
B1 Insulated cables			
B2 Overhead lines			
B3 Substations and electrical installations	AL-NSOUR Mohammed	Observer 2018	mnsour@cegco.com.jo
B4 DC systems and power electronics			
B5 Protection and automation	MOHAMMAD Mohammad	Observer 2018	mdawood@nepco.com.jo
C1 Power system development and economics	ALOMARI Murad	Regular 2018	murad-omari@nepco.com.jo
C2 Power system operation and control	ABURAYYAN Hisham	Observer 2018	haburaian@nepco.com.jo
C3 Power system environmental performance			
C4 Power system technical performance			
C5 Electricity markets and regulation	MAAYAH Mohammad	Observer 2018	mohammad.maayah@emrc.gov.jo
C6 Active distribution systems and distributed energy resources	ZWATTEN Sami	Observer 2018	szwateen@edco.jo
D1 Materials and emerging test techniques			
D2 Information systems and telecommunication			

Study Committee membership for 2018-2020

National Committee

KOREA

KR

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	KANG Byeong Hui	Regular 2016	kbh2005@hyosung.com
A2 Power transformers and reactors	KIM Dong-Hyun	Regular 2018	kim.donghyun@hyundai-electric.com
A3 Transmission & distribution equipment	CHOI Jongung	Regular 2014	jwchoib@sis.biz
B1 Insulated cables	KANG Ji-Won	Regular 2014	jwkang@kepco.co.kr
B2 Overhead lines	SHIN Kooyong	Regular 2018	mrsky@kepco.co.kr
B3 Substations and electrical installations	JUNG Jaeryong	Observer 2018	jrjung@hyosung.com
B4 DC systems and power electronics	YOON Jongsu	Regular 2018	jongsu.yoon@kepco.co.kr
B5 Protection and automation	KANG Sang-Hee	Regular 2014	shkang@mju.ac.kr
C1 Power system development and economics	LEE Chulhyu	Regular 2016	chulhyu.lee@kepco.co.kr
C2 Power system operation and control	CHOI Hongseok	Regular 2018	hongseok1@kpx.or.kr
C3 Power system environmental performance	AHN Hee Sung	Regular 2018	sagaahs@kepco.co.kr
C4 Power system technical performance	WOO Jung-Wook	Observer 2016	mark.woo@kepco.co.kr
C5 Electricity markets and regulation	OK Ki Youl	Regular 2016	okkil@kpx.or.kr
C6 Active distribution systems and distributed energy resources	RHO Daeseok	Regular 2016	dsrho@kut.ac.kr
D1 Materials and emerging test techniques	LEE Bang-Wook	Regular 2014	bangwook@hanyang.ac.kr
D2 Information systems and telecommunication	LIM Il-Hyung	Regular 2016	ihlim@sis.com

Study Committee membership for 2018-2020

National Committee

KOSOVO

KS

Study Committee	Member's name	Nomination	Email
A1	Rotating electrical machines		
A2	Power transformers and reactors		
A3	Transmission & distribution equipment		
B1	Insulated cables		
B2	Overhead lines		
B3	Substations and electrical installations		
B4	DC systems and power electronics		
B5	Protection and automation		
C1	Power system development and economics		
C2	Power system operation and control		
C3	Power system environmental performance		
C4	Power system technical performance		
C5	Electricity markets and regulation		
C6	Active distribution systems and distributed energy resources		
D1	Materials and emerging test techniques		
D2	Information systems and telecommunication		

Study Committee membership for 2018-2020

National Committee

LIBYA

LY

Study Committee	Member's name	Nomination	Email
A1	Rotating electrical machines		
A2	Power transformers and reactors		
A3	Transmission & distribution equipment		
B1	Insulated cables		
B2	Overhead lines		
B3	Substations and electrical installations		
B4	DC systems and power electronics		
B5	Protection and automation		
C1	Power system development and economics		
C2	Power system operation and control		
C3	Power system environmental performance		
C4	Power system technical performance		
C5	Electricity markets and regulation		
C6	Active distribution systems and distributed energy resources		
D1	Materials and emerging test techniques		
D2	Information systems and telecommunication		

Study Committee membership for 2018-2020

National Committee

MACEDONIA

MK

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	PASPALOVSKI Toni	Observer 2012	toni.paspalovski@elem.com.mk
A2 Power transformers and reactors			
A3 Transmission & distribution equipment			
B1 Insulated cables			
B2 Overhead lines			
B3 Substations and electrical installations			
B4 DC systems and power electronics			
B5 Protection and automation			
C1 Power system development and economics			
C2 Power system operation and control			
C3 Power system environmental performance			
C4 Power system technical performance			
C5 Electricity markets and regulation			
C6 Active distribution systems and distributed energy resources			
D1 Materials and emerging test techniques			
D2 Information systems and telecommunication			

Study Committee membership for 2018-2020

National Committee

MALAYSIA

MY

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines			
A2 Power transformers and reactors			
A3 Transmission & distribution equipment			
B1 Insulated cables			
B2 Overhead lines			
B3 Substations and electrical installations			
B4 DC systems and power electronics			
B5 Protection and automation	IR AMINUDDIN Musa	Observer 2014	aminuddinmu@tnb.com.my
C1 Power system development and economics			
C2 Power system operation and control			
C3 Power system environmental performance	FUAD Haslan Farouk	Observer 2018	haslanff@tnb.com.my
C4 Power system technical performance	MOHD ZAINAL Abidin Ab Kadir	Observer 2014	mzainal@eng.upm.edu.my
C5 Electricity markets and regulation			
C6 Active distribution systems and distributed energy resources			
D1 Materials and emerging test techniques			
D2 Information systems and telecommunication			

Study Committee membership for 2018-2020

National Committee

MEXICO

MX

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	CARVAJAL-MARTINEZ Antonio	Observer 2012	carvajal@ineel.mx
A2 Power transformers and reactors	BETANCOURT-RAMIREZ Enrique	Observer 2012	enrique.betancourt@ge.com
A3 Transmission & distribution equipment	CORRALES-SANCHEZ Sergio	Observer 2014	sergio.corrales@cfe.gob.mx
B1 Insulated cables	MAXIMO-LEON Juan Manuel	Regular 2014	jmaximo@cmsa.com.mx
B2 Overhead lines	ELIZARRARAZ Fernando	Observer 2018	fernando.elizarraras@cfe.mx
B3 Substations and electrical installations	GUZMAN-VILLAGOMEZ Manuel	Observer 2012	manuel.guzman01@cfe.gob.mx
B4 DC systems and power electronics	AMBRIZ-PEREZ Hugo	Observer 2012	hugo.ambriz@cfe.gob.mx
B5 Protection and automation			
C1 Power system development and economics			
C2 Power system operation and control	SARMIENTO-URUCHURTU Héctor	Regular 2012	hsu@iie.org.mx
C3 Power system environmental performance			
C4 Power system technical performance	RAMIREZ PACHECO Carlos	Regular 2018	carlos.ramirez@cfe.gob.mx
C5 Electricity markets and regulation	ARRIOLA-JIMENEZ Eduardo	Regular 2014	eduardo.arriola01@cfe.gob.mx
C6 Active distribution systems and distributed energy resources	SILVA-FARIAS José Luis	Observer 2014	jlsilva@ineel.mx
D1 Materials and emerging test techniques			
D2 Information systems and telecommunication	ARROYO-FIGUEROA Gustavo	Regular 2014	garroyo@iie.org.mx

Study Committee membership for 2018-2020

National Committee

MONTENEGRO

ME

Study Committee	Member's name	Nomination	Email
A1	Rotating electrical machines		
A2	Power transformers and reactors		
A3	Transmission & distribution equipment		
B1	Insulated cables		
B2	Overhead lines		
B3	Substations and electrical installations		
B4	DC systems and power electronics		
B5	Protection and automation		
C1	Power system development and economics		
C2	Power system operation and control		
C3	Power system environmental performance		
C4	Power system technical performance		
C5	Electricity markets and regulation		
C6	Active distribution systems and distributed energy resources		
D1	Materials and emerging test techniques		
D2	Information systems and telecommunication		

Study Committee membership for 2018-2020

National Committee

NETHERLANDS

NL

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	KRIEG-WEZELENBURG Monique	Observer 2014	m.g.krieg@eic-highenergy.com
A2 Power transformers and reactors	FONK Henk	Regular 2014	h.fonk@smit-trafo.nl
A3 Transmission & distribution equipment	JANSEN Anton	Regular 2018	anton.janssen@alliander.com
B1 Insulated cables	MEIJER Sander	Regular 2016	sander.meijer@dnvgl.com
B2 Overhead lines	WAL VAN DER Andries	Observer 2016	andries.vanderwal@dnvgl.com
B3 Substations and electrical installations	MEGGELEN VAN Martijn	Regular 2018	martijn.van-meggelen@ge.com
B4 DC systems and power electronics	ALEFRAGKIS Alex	Regular 2018	alex.alefragkis@tennet.eu
B5 Protection and automation	MORREN Johannes	Observer 2012	johan.morren@enexis.nl
C1 Power system development and economics	PLET Cornelis	Regular 2018	cornelis.plet@dnvgl.com
C2 Power system operation and control	KLAAR Danny	Regular 2018	danny.klaar@tennet.eu
C3 Power system environmental performance	HARTMAN William	Regular 2016	hartman@warnsdag.nl
C4 Power system technical performance	VAN WAES Jeroen	Regular 2012	jeroen@waaes.nl
C5 Electricity markets and regulation	BESSELINK Roy	Regular 2018	roybesselink1984@gmail.com
C6 Active distribution systems and distributed energy resources	MELNIK Irina	Regular 2014	irina.melnik@alliander.com
D1 Materials and emerging test techniques	ROSS Rob	Regular 2016	rob.ross@tennet.eu
D2 Information systems and telecommunication			

Study Committee membership for 2018-2020

National Committee

NEW ZEALAND

NZ

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines			
A2 Power transformers and reactors			
A3 Transmission & distribution equipment			
B1 Insulated cables	MATT SHANKS Matt	Observer 2016	matt.shanks@aecom.com
B2 Overhead lines			
B3 Substations and electrical installations	DELLER Robert (Bob)	Observer 2016	robert.deller@transpower.co.nz
B4 DC systems and power electronics	DALZELL Michael	Observer 2016	michael.dalzell@transpower.co.nz
B5 Protection and automation			
C1 Power system development and economics			
C2 Power system operation and control	SMALL Kevin	Observer 2012	kevin.small@transpower.co.nz
C3 Power system environmental performance			
C4 Power system technical performance			
C5 Electricity markets and regulation			
C6 Active distribution systems and distributed energy resources	BROWN Ray	Observer 2014	ray.brown@aecom.com
D1 Materials and emerging test techniques			
D2 Information systems and telecommunication	ROMAN Francis	Observer 2014	roman.francis@vector.co.nz

Study Committee membership for 2018-2020

National Committee

NORWAY

NO

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	KAGGESTAD Erik	Regular 2016	erik.kaggestad@statkraft.com
A2 Power transformers and reactors	JOHNSEN Frode	Regular 2016	frode.johnsen@statnett.no
A3 Transmission & distribution equipment	PEDERSEN Atle	Regular 2014	atle.pedersen@sintef.no
B1 Insulated cables	HILLESUND Carl Erik	Regular 2018	carl.erik.hillesund@statnett.no
B2 Overhead lines	LOUDON Diarmid	Regular 2014	diarmid.loudon@efla.no
B3 Substations and electrical installations	KJONAS Johnny	Regular 2012	johnny.kjonas@hafslund.no
B4 DC systems and power electronics	BØDAL Sigmund	Regular 2018	sigmund.bodal@statnett.no
B5 Protection and automation	INGEBRIGTSEN Stein	Regular 2014	stein.ingebriksen@statnett.no
B5 Protection and automation	MIKKELSEN Joar Hylland	Regular additional 2018	joar.hylland.mikkelsen@hafslund.no
C1 Power system development and economics	YTTERLI Finn	Observer 2018	finn.ytterli@hydro.com
C2 Power system operation and control	TEIGSET Lars Martin	Regular 2014	lars.teigset@statnett.no
C3 Power system environmental performance	INDERBERG Siv Sannem	Regular 2014	ssa@nve.no
C4 Power system technical performance	HOIDALEN Hans Kristian	Regular 2012	hans.hoidalen@elkraft.ntnu.no
C5 Electricity markets and regulation	DOORMAN Gerard	Regular 2012	gerard.doorman@statnett.no
C6 Active distribution systems and distributed energy resources	NORDGÅRD Dag Eirik	Regular 2016	dag.e.nordgard@sintef.no
D1 Materials and emerging test techniques	MAUSETH Frank	Regular 2018	frank.mauseth@ntnu.no
D2 Information systems and telecommunication	SILSET Lars Konrad	Regular 2018	lars.silset@statnett.no

Study Committee membership for 2018-2020

National Committee

PARAGUAY

PY

Study Committee	Member's name	Nomination	Email
A1	Rotating electrical machines		
A2	Power transformers and reactors		
A3	Transmission & distribution equipment		
B1	Insulated cables		
B2	Overhead lines		
B3	Substations and electrical installations		
B4	DC systems and power electronics		
B5	Protection and automation		
C1	Power system development and economics		
C2	Power system operation and control		
C3	Power system environmental performance		
C4	Power system technical performance		
C5	Electricity markets and regulation		
C6	Active distribution systems and distributed energy resources		
D1	Materials and emerging test techniques		
D2	Information systems and telecommunication		

Study Committee membership for 2018-2020

National Committee

POLAND

PL

Study Committee		Member's name	Nomination	Email	
A1	Rotating electrical machines	GURAZDOWSKI Dariusz	Regular	2016	dariusz.gurazdowski@ge.com
A2	Power transformers and reactors	MANSKI Piotr	Regular	2018	piotr.manski@pse.pl
A3	Transmission & distribution equipment	WISNIEWSKA Ewa	Regular	2018	ewa.a.wisniewska@pse.pl
B1	Insulated cables	RAKOWSKA Aleksandra	Regular	2018	aleksandra.rakowska@put.poznan.pl
B2	Overhead lines	LENARCZYK Krzysztof	Regular	2018	krzysztof.lenarczyk@pse.pl
B3	Substations and electrical installations	SAMEK Slawomir	Regular	2018	s.samek@energo.krakow.pl
B4	DC systems and power electronics	MADAJEWSKI Krzysztof	Observer	2018	k.madajewski@ien.gda.pl
B5	Protection and automation	LIZER Marcin	Observer	2018	marcin.lizer@siemens.com
C1	Power system development and economics	PRZYGRODZKI Maksymilian	Regular	2018	maksymilian.przygodzki@pse.pl
C2	Power system operation and control	JEMIELITY Jacek	Regular	2016	j.jemielity@ien.gda.pl
C3	Power system environmental performance	LUBICKI Wojciech	Regular	2016	wojciech.lubicki@pse.pl
C4	Power system technical performance	RZEPKA Piotr	Observer	2018	piotr.rzepka@pse.pl
C5	Electricity markets and regulation	PURCHALA Konrad	Regular	2016	konrad.purchala@pse.pl
C6	Active distribution systems and distributed energy resources	KAKOL Andrzej	Observer	2014	a.kakol@ien.gda.pl
D1	Materials and emerging test techniques	FLORKOWSKI Marek	Observer	2014	marek.florkowski@pl.abb.com
D2	Information systems and telecommunication	SZUDEJKO Tomasz	Observer	2012	tomasz.szudejko@pse.pl

Study Committee membership for 2018-2020

National Committee

PORTUGAL

PT

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	SILVA Décio	Observer 2016	decio.silva@edp.pt
A2 Power transformers and reactors	JÁCOMO RAMOS António	Observer 2016	jramos@efacec.com
A3 Transmission & distribution equipment			
B1 Insulated cables	FERREIRA César	Regular additional 2018	cesar.ferreira@cabelle.pt
B1 Insulated cables	MARTINS Rui Manuel	Observer 2014	ruimanuel.martins@redp.pt
B2 Overhead lines	VALENTE Hugo Miguel	Observer 2014	hugo.valente@ren.pt
B3 Substations and electrical installations	CANHOTO Antonio	Observer 2017	antonio.canhoto@ren.pt
B4 DC systems and power electronics	SILVA Bernardo	Observer 2016	bernardo.a.silva@inesctec.pt
B5 Protection and automation	SANTOS André	Regular 2016	andre.santos@ren.pt
C1 Power system development and economics	FONSECA Manuela	Regular additional 2018	manuela.fonseca@dgeg.pt
C2 Power system operation and control	MATOS Fernando Manuel	Observer 2016	fernando.matos@ren.pt
C3 Power system environmental performance	MOREIRA Francisco	Regular additional 2018	fmoreira@cibio.up.pt
C3 Power system environmental performance	FERNANDES Pedro Miguel	Observer 2012	pedro.fernandes@ren.pt
C4 Power system technical performance	CORREIA DE BARROS Maria Teresa	Regular 2016	teresa.correidebarros@tecnico.ulisboa.pt
C5 Electricity markets and regulation	SOUZA E SILVA Nuno Jorge	Regular 2016	nuno_souza_silva@yahoo.com
C6 Active distribution systems and distributed energy resources	MOREIRA Carlos	Regular 2016	cmoreira@inescporto.pt
D1 Materials and emerging test techniques	PEIXOTO Anabela	Regular 2016	anabela.peixoto@edp.pt
D2 Information systems and telecommunication	FREITAS José	Observer 2018	jose.freitas@ren.pt

Study Committee membership for 2018-2020

National Committee

ROMANIA

RO

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	TUNESCU Traian	Observer 2018	traiant37@yahoo.com
A2 Power transformers and reactors	MOLDOVEANU Constantin	Observer 2012	cmoldoveanu@novaindustrialisa.ro
A3 Transmission & distribution equipment	HATEGAN Ioan Dorin	Observer 2012	ioan.hategan@transelectrica.ro
B1 Insulated cables	DUMITRASCU Bogdan Petrut	Observer 2014	bogdan.dumitrascu@nexans.com
B2 Overhead lines			
B3 Substations and electrical installations	FLOREA Marian	Observer 2014	marian.florea@electroprecizia.ro
B4 DC systems and power electronics	TOMA Lucian	Observer 2014	lucian.toma@upb.ro
B5 Protection and automation	MORARU Gheorghe Marinel	Observer 2012	gheorghe.moraru@smartsb.ro
C1 Power system development and economics	DIACONU Ciprian Gheorghe	Regular 2014	ciprian.diaconu@transelectrica.ro
C2 Power system operation and control	ILISIU Doina Teodora	Observer 2014	doina.ilisiu@transelectrica.ro
C3 Power system environmental performance	VORONCA Simona Louise	Observer 2018	simona.voronca@transelectrica.ro
C4 Power system technical performance	MUNTEANU Calin	Observer 2014	calin.munteanu@et.utcluj.ro
C5 Electricity markets and regulation	SUJDEA Livioara	Regular additional 2018	livioara.sujdea@electrica.ro
C5 Electricity markets and regulation	STROICA Paul Constantin	Observer 2018	paul.stroica@transelectrica.ro
C6 Active distribution systems and distributed energy resources	BOLBORICI Daniela	Observer 2014	daniela.bolborici@transelectrica.ro
D1 Materials and emerging test techniques	PLOPEANU Mihai-Gabriel	Observer 2016	mihai.plopeanu@novaindustrialisa.ro
D2 Information systems and telecommunication	BORDEA Dan	Observer 2014	dbordea@teletrans.ro

Study Committee membership for 2018-2020

National Committee

RUSSIA

RU

Study Committee		Member's name	Nomination	Email
A1	Rotating electrical machines	ROYTGARTS Mikhail	Regular	2016 xyz@mail.ru
A2	Power transformers and reactors	LARIN Vasily	Regular	2012 vlarin@vei.ru
A3	Transmission & distribution equipment	DROBYSHEVSKIY Alexander	Regular	2016 alexander.drobyshevski@gmail.com
B1	Insulated cables	NOVOPOSELENSKIKH Nikita	Observer	2016 novoposelenskihnp@tadcable.ru
B2	Overhead lines	KOLOSOV Sergey	Observer	2012 sergey.kolosov@gmail.com
B3	Substations and electrical installations	VODENNIKOV Dmitry	Observer	2018 vodennikov-da@fsk-ees.ru
B4	DC systems and power electronics	SUSLOVA Olga	Regular	2018 olga.suslova@bk.ru
B5	Protection and automation	VOLOSHIN Alexander	Regular	2016 voloshinaa@mpei.ru
C1	Power system development and economics	PILENIEKS Denis	Regular	2014 pdv@so-ups.ru
C1	Power system development and economics	UTTS Stanislav	Regular additional	2018 utts-sa@so-ups.ru
C2	Power system operation and control	DIYACHKOV Vladimir	Regular	2012 dyach@so-ups.ru
C3	Power system environmental performance	EROSHENKO Stanislav	Observer	2018 stas_ersh@mail.ru
C4	Power system technical performance	RYABCHENKO Vladimir	Observer	2018 ryabchenko.vn@gmail.com
C5	Electricity markets and regulation	KATAEV Andrey	Observer	2014 kataev@so-ups.ru
C6	Active distribution systems and distributed energy resources	SAMOYLENKO Vladislav	Observer	2018 wsamoylenko@yandex.ru
D1	Materials and emerging test techniques	SLAVINSKY Alexander	Regular	2016 alexander_slavinsky@mosizolyator.ru
D2	Information systems and telecommunication	NEBERA Alexey (Substitutue)	Regular	2018 nebera_aa@rtsoft.msk.ru

Study Committee membership for 2018-2020

National Committee

SERBIA

RS

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	MILOJCIC Nemanja	Observer 2016	milojcic@ieent.org
A2 Power transformers and reactors	LUKIC Jelena	Observer 2018	jelena.lukic@ieent.org
A3 Transmission & distribution equipment			
B1 Insulated cables			
B2 Overhead lines			
B3 Substations and electrical installations			
B4 DC systems and power electronics			
B5 Protection and automation			
C1 Power system development and economics			
C2 Power system operation and control	JAKUPOVIC Goran	Observer 2014	goran.jakupovic@pupin.rs
C3 Power system environmental performance			
C4 Power system technical performance			
C5 Electricity markets and regulation	APOSTOLOVIC Mladen	Observer 2018	mladen.apostolovic@eft-group.net
C6 Active distribution systems and distributed energy resources			
D1 Materials and emerging test techniques			
D2 Information systems and telecommunication	MANDIC LUKIC Jasmina	Observer 2018	jasmina.mandic.lukic@gmail.com

Study Committee membership for 2018-2020

National Committee

SLOVENIA

SI

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	ZAGOZEN Ivan	Observer 2016	ivan.zagozen@hse.si
A2 Power transformers and reactors	JERMAN KUZELICKI Istok	Observer 2018	istok.jermankuzelicki@kolektor.com
A3 Transmission & distribution equipment	PODKORITNIK Simon	Observer 2018	simon.podkoritnik@eimv.si
B1 Insulated cables	STOJS Samo	Observer 2016	samo.stojs@elektro-gorenjska.si
B2 Overhead lines	LOVRENCIC Viktor	Regular 2016	viktor.lovrencic@c-g.si
B3 Substations and electrical installations	TESTEN Marko	Observer 2014	marko.testen@ibe.si
B4 DC systems and power electronics			
B5 Protection and automation	BABNIK Tadeja	Regular 2018	tadeja.babnik@elpros.si
C1 Power system development and economics	JAMSEK Sasa	Observer 2016	sasa.jamsek@eles.si
C2 Power system operation and control	KERIN Uros	Observer 2018	uros.kerin@eles.si
C3 Power system environmental performance	RUS JAMNIK Darija	Observer 2018	darija.rus-jamnik@elektro-ljubljana.si
C4 Power system technical performance	PIHLER Joze	Regular 2016	joze.pihler@um.si
C5 Electricity markets and regulation	PANTOS Milos	Observer 2016	milos.pantos@fe.uni-lj.si
C6 Active distribution systems and distributed energy resources	KRISPER Ursula	Observer 2018	ursula.krisper@elektro-ljubljana.si
D1 Materials and emerging test techniques			
D2 Information systems and telecommunication	KOLAR Alenka	Observer 2018	alenka.kolar@elektro-ljubljana.si

Study Committee membership for 2018-2020

National Committee

SOUTH AFRICA

ZA

Study Committee		Member's name	Nomination	Email
A1	Rotating electrical machines	ISMAIL Amreen	Regular	2018 amreen.ismail@eskom.co.za
A1	Rotating electrical machines	FRANZ Anton	Regular additional	2018 anton.frantz01@gmail.com
A2	Power transformers and reactors	SINGH Adesh	Regular	2016 singai@eskom.co.za
A2	Power transformers and reactors	DIOKA Khayakazi	Regular additional	2018 diokak@eskom.co.za
A3	Transmission & distribution equipment	MAPHOSA Sibongile	Regular	2016 sibongile.maphosa@eskom.co.za
A3	Transmission & distribution equipment	HLAKUDI Mantsie	Regular additional	2018 maditsmp@eskom.co.za
B1	Insulated cables	DU PLESSIS Thinus	Regular	2014 thinus.duplessis@eskom.co.za
B1	Insulated cables	MOFU Bongani	Regular additional	2018 mofubb@eskom.co.za
B2	Overhead lines	MUSHABE Sharon	Regular	2018 arigyees@eskom.co.za
B2	Overhead lines	BEUTEL Andreas	Regular additional	2018 beutelaa@eskom.co.za
B3	Substations and electrical installations	MARAIS Theunus	Regular	2014 theunus.marais@eskom.co.za
B3	Substations and electrical installations	KONIG Philip	Regular additional	2018 philip.konig@rhdhv.com
B4	DC systems and power electronics	GOVENDER Thavensen	Regular	2018 thavi.govender@gmail.com
B5	Protection and automation	OOMMEN Anita	Regular	2016 anita.oommen@eskom.co.za
B5	Protection and automation	MOHLAKOANA Matankiso	Regular additional	2018 moerancm@eskom.co.za
C1	Power system development and economics	THEKU Makoanyane	Regular	2016 thekufm@eskom.co.za

Study Committee membership for 2018-2020

Study Committee	Member's name	Nomination	Email
C1 Power system development and economics	MOKWANA Tebogo	Regular additional 2018	mokwantj@eskom.co.za
C2 Power system operation and control	NTUSI Marathon	Regular 2016	ntusim@eskom.co.za
C2 Power system operation and control	MTOLO Dumisani	Regular additional 2018	mtolopd@eskom.co.za
C3 Power system environmental performance	FUNSTON Warren	Regular 2014	warren.funston@eskom.co.za
C3 Power system environmental performance	TROY Govender	Regular additional 2018	govendp@eskom.co.za
C4 Power system technical performance	PETERSON Brandon	Regular 2016	brandon.peterson@eskom.co.za
C5 Electricity markets and regulation	WRIGHT Jarrad	Regular 2016	jarry7@gmail.com
C5 Electricity markets and regulation	HENDRICKS Dilnawaaz	Regular additional 2018	hendrid@eskom.co.za
C6 Active distribution systems and distributed energy resources	DEDEKIND Kurt	Regular 2016	dedekivk@eskom.co.za
D1 Materials and emerging test techniques	MAHATHO Nishal	Regular 2018	mahathn@eskom.co.za
D1 Materials and emerging test techniques	SWINNY Raphael	Regular additional 2018	swinnyrl@eskom.co.za
D2 Information systems and telecommunication	MBEBE Zwelandile	Regular 2016	mbebez@eskom.co.za

Study Committee membership for 2018-2020

National Committee

SPAIN

ES

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	RODRIGUEZ Sergio	Regular 2016	srodriguezru@iberdrola.es
A2 Power transformers and reactors	VILA Carlos	Regular 2018	cvila@iberdrola.es
A3 Transmission & distribution equipment	CREGO Patricia	Regular 2016	pcrego@ree.es
B1 Insulated cables	BALZA Xavier	Regular 2016	xbalza@generalcable.es
B2 Overhead lines	IGLESIAS Javier	Regular 2014	jiglesias@ree.es
B3 Substations and electrical installations	BESTEIRO Jesús	Observer 2018	jbn@iberdrola.es
B4 DC systems and power electronics	LONGÁS Carmen	Regular 2018	carmen.longas@ree.es
B5 Protection and automation	GONZALEZ VIOSCA Jose Angel	Regular 2016	ja.gviosca@iberdrola.es
C1 Power system development and economics	DE DIOS Rafael	Regular 2018	rdios@ree.es
C2 Power system operation and control	HIDALGO Jorge	Observer 2018	jhidalgo@ree.es
C3 Power system environmental performance	SALINAS Angel	Regular 2016	asalinas@ree.es
C4 Power system technical performance	RODRÍGUEZ José	Regular 2018	jose.rodriguezr@enel.com
C5 Electricity markets and regulation	DE LA FUENTE Ignacio	Regular 2016	jifuentes@ree.es
C6 Active distribution systems and distributed energy resources	GONZALEZ Roberto	Regular 2012	rgonzalezsm@iberdrola.es
D1 Materials and emerging test techniques	SANCHEZ Miguel Angel	Regular 2012	miguelangel.sanchezuran@upm.es
D2 Information systems and telecommunication	DARNÉ Jaume	Regular 2018	jaume.darne@pullnet.com

Study Committee membership for 2018-2020

National Committee

SWEDEN

SE

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	PERERS Richard	Regular 2014	richard.perers@norconsult.com
A2 Power transformers and reactors	HAJEK Jan	Regular 2012	jan.hajek@se.abb.com
A3 Transmission & distribution equipment	LINDQUIST Tommie	Regular 2014	tommie.lindquist@svk.se
B1 Insulated cables	JEROENSE Marc	Regular 2016	marc.jeroense@nkt.com
B2 Overhead lines	NORBERG Per	Observer 2016	per.norberg@vattenfall.com
B3 Substations and electrical installations	RADOSAVLJEVIC Milan	Regular 2014	milan.radosavljevic@svk.se
B4 DC systems and power electronics	WESTMAN Bo	Regular 2018	bo.westman@se.abb.com
B5 Protection and automation	JOHNSSON Anders	Observer 2012	anders.johnsson@vattenfall.com
C1 Power system development and economics	JONSSON Mattias	Observer 2016	mattias.jonsson@svk.se
C2 Power system operation and control	NORLANDER Christer	Regular 2014	christer.norlander@svk.se
C3 Power system environmental performance			
C4 Power system technical performance	HILLBERG Emil	Observer 2018	emil.hillberg@ri.se
C5 Electricity markets and regulation	JOELSSON Lars	Regular 2014	lars.joelsson@vattenfall.com
C6 Active distribution systems and distributed energy resources	SÖDERBERG David	Observer 2017	david.soderberg@vattenfall.com
D1 Materials and emerging test techniques	SAHLÉN Fredrik	Regular 2018	fredrik.sahlen@se.abb.com
D2 Information systems and telecommunication	CHENINE Moustafa	Regular 2017	moustafa.chenine@svk.se

Study Committee membership for 2018-2020

National Committee

SWITZERLAND

CH

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	AREND Peter	Regular 2016	peter.arend@power.alstom.com
A2 Power transformers and reactors	SCHNEIDER Ralf	Regular 2016	ralf.schneider@ch.abb.com
A3 Transmission & distribution equipment	LINDNER Christian	Regular 2017	christian.lindner@axpo.com
B1 Insulated cables	STREIT Pascal	Regular 2016	pascal.streit@alpiq.com
B2 Overhead lines	BONNY Alain	Regular 2018	alain.bonny@swissgrid.ch
B3 Substations and electrical installations	SCHMID Matthias	Regular 2018	matthias.schmid@swissgrid.ch
B3 Substations and electrical installations	ALARCON André	Regular additional 2018	andre.alarcon@bluewin.ch
B4 DC systems and power electronics	VASILADIOTIS Michail	Observer 2018	michail.vasiladiotis@ch.abb.com
B5 Protection and automation	JEISY Mark	Regular 2018	mark.jeisy@alpiq.com
C1 Power system development and economics	MEIER Rudolf P	Regular 2012	rudolf.meier@alpiq.com
C2 Power system operation and control	ZIMA Marija	Regular 2016	marija.zima@ch.abb.com
C3 Power system environmental performance	CAPELLO Christian	Regular 2012	christian.capello@axpo.com
C4 Power system technical performance	PAOLONE Mario	Regular 2018	mario.paolone@epfl.ch
C5 Electricity markets and regulation	LINDER Stefan	Regular 2016	stefan.linder@alpiq.com
C6 Active distribution systems and distributed energy resources	OUDALOV Alexandre	Regular 2016	alexandre.oudalov@ch.abb.com
D1 Materials and emerging test techniques	FRANCK Christian	Regular 2017	franck@eeh.ee.ethz.ch
D2 Information systems and telecommunication	KRANICH Mathias	Regular 2018	mathias.kranich@ch.abb.com

Study Committee membership for 2018-2020

National Committee

THAILAND

TH

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	SRINUNTAWONG Wisit	Observer 2014	wisit@glow.co.th
A2 Power transformers and reactors	KHUMCHOO Vithid	Observer 2016	vithid.k@egat.co.th
A3 Transmission & distribution equipment	MAN-IM Anongpun	Regular 2016	anongpun.m@egat.co.th
B1 Insulated cables	SESTASOMBUT Pornchai	Observer 2014	pornchaise@mea.or.th
B2 Overhead lines	PIN-ANONG Pithak	Observer 2014	pithak.p@egat.co.th
B3 Substations and electrical installations	PRUNGKHWUNMUANG Suriya	Regular 2014	suriya.pr@egat.co.th
B4 DC systems and power electronics	WUTHAYAVANICH Anek	Observer 2018	anek.wu@egat.co.th
B5 Protection and automation	CHAIPUNHA Sunphead	Observer 2016	sunphead.c@egat.co.th
C1 Power system development and economics	ASADAMONGKOL Somphop	Observer 2014	somphop.a@egat.co.th
C2 Power system operation and control			
C3 Power system environmental performance	INGPRASERT Salisa	Observer 2014	treeratana.i@egat.co.th
C4 Power system technical performance			
C5 Electricity markets and regulation	PIYATERAVONG Tongkum	Observer 2014	tongkum@erc.or.th
C6 Active distribution systems and distributed energy resources	PRAMOTE Thanatpong	Observer 2018	thanatpong.mobile@gmail.com
D1 Materials and emerging test techniques	GATECHOMPOL Ronachart	Observer 2014	ronachart.g@egat.co.th
D2 Information systems and telecommunication	YUTTACHAI Wissarut	Observer 2012	wissarut.y@egat.co.th

Study Committee membership for 2018-2020

National Committee

TURKEY

TR

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines			
A2 Power transformers and reactors	ÖZTÜRK Emre	Observer 2014	e.ozturk@enpay.com
A3 Transmission & distribution equipment	TURAN Hakan	Regular 2014	h.turan@enpay.com
B1 Insulated cables			
B2 Overhead lines	DOGAN Ali Baran	Observer 2018	bdogan@miteng.com
B3 Substations and electrical installations			
B4 DC systems and power electronics			
B5 Protection and automation	CEBECI Mahmut Erkut	Observer 2018	erkut.cebeci@epra.com.tr
C1 Power system development and economics			
C2 Power system operation and control			
C3 Power system environmental performance			
C4 Power system technical performance	PARTAL Ertugrul	Observer 2016	ertugrul.partal@teias.gov.tr
C5 Electricity markets and regulation			
C6 Active distribution systems and distributed energy resources	AKINÇ Hülya	Observer 2018	hulya.akinc@eedas.com.tr
D1 Materials and emerging test techniques	ERENLER Faruk	Observer 2014	f.erenler@enpay.com
D2 Information systems and telecommunication			

Study Committee membership for 2018-2020

National Committee

UKRAINE

UA

Study Committee	Member's name	Nomination	Email
A1	Rotating electrical machines		
A2	Power transformers and reactors		
A3	Transmission & distribution equipment		
B1	Insulated cables		
B2	Overhead lines		
B3	Substations and electrical installations		
B4	DC systems and power electronics		
B5	Protection and automation		
C1	Power system development and economics		
C2	Power system operation and control		
C3	Power system environmental performance		
C4	Power system technical performance		
C5	Electricity markets and regulation		
C6	Active distribution systems and distributed energy resources		
D1	Materials and emerging test techniques		
D2	Information systems and telecommunication		

Study Committee membership for 2018-2020

National Committee

UNITED KINGDOM

GB

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	MITCHELL Steve	Regular 2018	steve_james_mitchell@msn.com
A2 Power transformers and reactors	WALKER David	Regular 2016	david.walker2@spenergynetworks.co.uk
A3 Transmission & distribution equipment	CASEY John	Regular 2018	johncasey79@hotmail.co.uk
B1 Insulated cables	SVOMA Roman	Regular 2016	roman.svoma@powersuretechnology.com
B2 Overhead lines	QUEEN Martin	Regular 2017	martin.queen@ofgem.gov.uk
B3 Substations and electrical installations	OSBORNE Mark	Regular 2018	mark.osborne@nationalgrid.com
B4 DC systems and power electronics	BARKER Carl	Regular 2012	carl.barker@alstom.com
B4 DC systems and power electronics	YU James	Regular additional 2018	yugem@hotmail.com
B5 Protection and automation	ZHANG Ray	Regular 2014	ray.zhang@nationalgrid.com
C1 Power system development and economics	HIGGINS Charlotte	Regular 2018	charlotte.higgins@tneigroup.com
C2 Power system operation and control	EASTON Nick	Regular 2017	nick.easton@nationalgrid.com
C3 Power system environmental performance	TURNER Josie	Regular 2018	josie.turner@nationalgrid.com
C4 Power system technical performance	KOO Leong	Regular 2014	klkoo@theiet.org
C5 Electricity markets and regulation	DABY Mayure	Regular 2016	mayure.daby@atkinsglobal.com
C6 Active distribution systems and distributed energy resources	JUPE Samuel	Regular 2014	samuel.jupe@nortechonline.co.uk
D1 Materials and emerging test techniques	SUTTON Simon	Regular 2014	simon.j.sutton@gmail.com
D2 Information systems and telecommunication	TAYLOR Gareth	Observer 2014	gareth.taylor@brunel.ac.uk

Study Committee membership for 2018-2020

National Committee

UNITED STATES

US

Study Committee	Member's name	Nomination	Email
A1 Rotating electrical machines	MOORE William	Regular 2014	bgmoore@epri.com
A1 Rotating electrical machines	ZHU Hugh	Regular additional 2018	hzhu@doble.com
A2 Power transformers and reactors	LAMB Mike	Regular 2018	mike.lamb@dominionenergy.com
A3 Transmission & distribution equipment	LIVSHITZ Albert	Regular 2018	albert.livshitz@cepower.net
B1 Insulated cables	PASHA Mohammad A.	Regular 2014	mohammad.pasha@uinet.com
B1 Insulated cables	BASCOM Rusty	Regular additional 2018	r.bascom@ec-engineers.com
B2 Overhead lines	HAVEL Jennifer L.	Regular 2014	jlhavel@bpa.gov
B2 Overhead lines	PROCTOR Doug	Regular additional 2018	doug@proctorengineering.com
B3 Substations and electrical installations	RANDOLPH John D.	Regular 2012	jdr9@pge.com
B3 Substations and electrical installations	THOMPSON Cliff	Regular additional 2018	clthompson@nassusa.com
B4 DC systems and power electronics	KIRBY Neil	Regular 2018	neil.kirby1@ge.com
B5 Protection and automation	RICH Hunt	Regular 2016	richard.hunt@ge.com
B5 Protection and automation	KEZUNOVIC Mladen	Regular additional 2018	kezunovic@ece.tamu.edu
C1 Power system development and economics	JEFF Palermo	Regular 2016	jeff@pjp-consulting.com
C1 Power system development and economics	GENTILE Russ	Regular additional 2018	rgentile@sargentlundy.com
C2 Power system operation and control	RAMEY Todd	Regular 2018	tramey@misoenergy.org
C3 Power system environmental performance	GAO Regina-Guofang	Observer 2018	regina-guofang.gao@us.abb.com

Study Committee membership for 2018-2020

Study Committee	Member's name	Nomination	Email
C4 Power system technical performance	LAUGHNER Theo L.	Regular 2014	tllaughner@hotmail.com
C5 Electricity markets and regulation	KEECH Adam	Regular 2014	adam.keech@pjm.com
C6 Active distribution systems and distributed energy resources	JASON Taylor	Regular 2016	jtaylor@epri.com
C6 Active distribution systems and distributed energy resources	VENKATARAMAN Sundar	Regular additional 2018	sundar.venkataraman@ge.com
D1 Materials and emerging test techniques	PHILLIPS Andrew	Regular 2012	aphillip@epri.com
D1 Materials and emerging test techniques	LARZELERE Bill	Regular additional 2018	wel@ehvtest.com
D2 Information systems and telecommunication	RASCHE Galen	Regular 2012	grasche@epri.com

Study Committee membership for 2018-2020

National Committee

VENEZUELA

VE

Study Committee	Member's name	Nomination	Email
A1	Rotating electrical machines		
A2	Power transformers and reactors		
A3	Transmission & distribution equipment		
B1	Insulated cables		
B2	Overhead lines		
B3	Substations and electrical installations		
B4	DC systems and power electronics		
B5	Protection and automation		
C1	Power system development and economics		
C2	Power system operation and control		
C3	Power system environmental performance		
C4	Power system technical performance		
C5	Electricity markets and regulation		
C6	Active distribution systems and distributed energy resources		
D1	Materials and emerging test techniques		
D2	Information systems and telecommunication		

Versions

- **Version 13.5** (05/07/2018): Forcing cache dump
- **Version 13** (05/07/2018): Addition of Observer C5-RU
- **Version 12** (30/06/2018): Modification email address Secretary SC A1
- **Version 11** (29/06/2018): Modification email address C1-AR
- **Version 10** (25/06/2018): Substitute for D2-RU
- **Version 9** (21/06/2018): Modification of the email address of C1-AN member
- **Version 8** (19/06/2018): Correction email address C1-ZA
- **Version 7** (04/06/2018): Correction email A3-DZ
- **Version 6** (18/05/2018): Change SC B5 Sec country
- **Version 5** (16/05/2018): Change of C3-DE & D2-DE email addresses
- **Version 4** (15/05/2018): C5-NO member email address
- **Version 3** (14/05/2018): C4-GB member email + TC Sec email + B5 Sec nomination date
- **Version 2** (09/05/2018): New TC Chairman
- **Version 1** (09/05/2018)
- **Provisional Version** (25/04/2018)