



Seminar on African Electrical Interconnection

Organized by
Ministry of Electricity & Energy
United Nations Department of Economic & Social Affairs
and
e7 Network of Expertise for the Global Environment
19-21 June, Cairo, Egypt

Programme

Day 1

8h30-9h00 - Registration

9h00-10h00 - Opening

Opening remarks: Dr. Mohamed Awad, Chairman, Egyptian Electricity Holding Company

Opening remarks: Dr. Yehia Abu-Alam, Senior Technical Adviser, United Nations
Department of Economic and Social Affairs (DESA),

Opening remarks: Mr. Paul Aubé, Project Adviser, e7 Secretariat

Opening address: Dr. Hassan Younes, Minister of Electricity and Energy, Arab Republic of
Egypt

10h00-10h30 – Coffee break

10h30-11h15 – Introductory Issues

Presentation: *UN DESA Technical Cooperation Programme*, Mr. Friedrich Soltau,
Sustainable Development Officer, UN DESA

Presentation: *Presentation of the e7*, Mr. Paul Aubé, Project Adviser, e7 Secretariat

Introduction: *Scope and objectives of the Seminar*, Mr. Yvon Hotte, e7 delegate, Engineer,
Hydro-Québec

11h15-12h30 – Module 1

Module 1: *Regional Electricity Cooperation and Integration (RECI) Feasibility Assessment
(part 1)*, Mr. Laurent Tourres, e7 delegate, Electricité de France (EDF)

12h30-14h00 - Lunch

14h00-15h00 – Module 1 cont.

Module 1: *RECI Feasibility Assessment (part 2)*, Mr. Laurent Tourres, e7 delegate, Electricité de France (EDF)

15h00-16h00 – Institutional issues and discussion

Presentation: *Political/legal framework of interconnection*

- Dr. Yehia Abu-Alam, Senior Technical Adviser, DESA

Presentation: *The challenges of operationalizing power pools in Africa*

- Mr. Pancrace Niyimbona, Energy Affairs Officer, UN Economic Commission for Africa

Discussion: *Participants views and open discussion on regional interconnection issues*

- What are the key features of RECI?
- What are the main challenges in implementing RECI in Africa?
- Success stories and lessons learnt.
- What are priority RECI projects in Africa?

16h00-16h30 – Coffee break

16h30-17h30 – Module 2

Module 2: *Regional Market analysis*, Mr. Paul Aubé, Project Adviser, e7 Secretariat

Day 2

9h00-10h00 – Module 3

Module 3: *Resource Development*, Mr. Paul Aubé, Project Adviser, e7 Secretariat

10h00-10h30 – Module 4

Module 4: *Optimal Sharing of Benefits*, Mr. Paul Aubé, Project Adviser, e7 Secretariat

10h30-11h00 – Coffee break

11h00-12h30 – Module 5

Module 5: *Power Systems Interconnection (part 1)*, Mr. Yvon Hotte, e7 delegate, Engineer, Hydro-Québec

12h30-14h00 - Lunch

14h00-15h30 – Module 5 cont.

Module 5: *Power Systems Interconnection (part 2)*, Mr. Yvon Hotte, e7 delegate, Engineer, Hydro-Québec

15h30-16h00 – Coffee break

16h00-17h00 – Regional projects and discussion

Presentation: *Case study on regional interconnection projects and potential*

- Dr. Kamel Yassin, Egyptian Electricity Holding Company (EEHC)

Roundtable discussion: *Critical issues in developing interconnection projects*

- Local and international participants

Day 3

9h00-10h00 – Module 6

Module 6: *Financing Interconnection Projects*, Mr. Christian Leblanc, e7 delegate, Hydro-Québec

10h00-10h30 – Coffee

10h30-12h00 – Presentation and discussion

Presentation: *Case study - interconnection power systems in the Greater Mekong Sub-region*

- Mr. Yvon Hotte, e7 delegate, Engineer, Hydro-Québec

Panel discussion: *The way forward for interconnection of power systems in Africa*

- 4-5 panelists, addressing key regional and sub-regional issues, including planned projects, feasibility assessments, financing needs.
- Question and answer.

12h00-12h30 – Closing

- Closing statements and seminar conclusions.

12h30-14h00 - Site visit

- El-Sewedy Electrometer Egypt