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