



GROUP OF EXPERTS ON

CLEANER ELECTRICITY SYSTEMS

NINETEENTH SESSION | 3-4 OCTOBER 2023

Geneva, Palais des Nations, Room III
In-person; Listen Live at <https://listen-live.unog.ch/en/>

Tentative timeline (as of 29 September 2023)

The programme provides information on the schedule of the nineteenth session of the Group of Experts on Cleaner Electricity Systems (GECES) of the United Nations Economic Commission for Europe (UNECE). Annotations are available in ECE/ENERGY/GE.5/2023/1 - [Annotated provisional agenda for the nineteenth session](#)

Day 1, Tuesday, 3 October 2023, AM

10h00-10h05 **Welcome and housekeeping**

Igor Litvinyuk, GECES Secretary, UNECE

10h05-10h10 **Adoption of the agenda (agenda item 1)**

Sylvain Clermont, Vice-Chair, GECES

10h10-10h30 **Opening remarks (agenda item 2)**

Jim Robb, Chair, GECES (*video*)

Sylvain Clermont, Vice-Chair, GECES

Igor Litvinyuk, GECES Secretary, UNECE

10h30-10h40 **Election of officers (agenda item 3)**

Elections will be held in accordance with the [Rules of Procedure of the UNECE Committee on Sustainable Energy](#) and the [Terms of Reference and Rules of Procedure of the Economic Commission for Europe Fifth revised edition](#)

10h40-11h10 **Activities and priorities of the Committee on Sustainable Energy and matters for consideration by the Group of Experts on Cleaner Electricity Systems (agenda item 4)**

Iva Brkic, Secretary, Committee on Sustainable Energy, UNECE

Regional advisory services and collaboration activities

Oleg Dzioubinski, Regional Advisor, Sustainable Energy, UNECE

Interventions by member States and stakeholders

Conclusions and Recommendations: GECES-19/2023/INF.1 – Conclusions and recommendations arising from the tenth session of the Group of Experts on Cleaner Electricity Systems

11h00-13h00 **Plenary session (agenda item 5)**

Documentation: ECE/ENERGY/2023/11 – United Nations Economic Commission for Europe Platform on Resilient Energy Systems Work Plan

Moderator:

Sylvain Clermont, Vice-Chair, GECES

Panellists:

Antoine Herzog, Électricité de France, Vice-Chair, GECES

Vladimir Budinsky, ZSDNP, Vice-Chair, GECES

Prof. Jon Gibbins, University of Sheffield, Vice-Chair, GECES

King Lee, World Nuclear Association, Vice-Chair, GECES

Interventions by member States and stakeholders

Conclusions and Recommendations: GECES-19/2023/INF.1 – Conclusions and recommendations arising from the tenth session of the Group of Experts on Cleaner Electricity Systems

13h00-15h00 **Break**



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15h00-18h00 **Achieving net-zero emissions power systems (agenda item 6)**

Documentation: ECE/ENERGY/GE.5/2023/5 – Transitioning to net-zero emissions power systems – common principles for reliability of supply

Keynote address

Jim Robb, Chair, GECES (*video*)

Presentation of the document ECE/ENERGY/GE.5/2023/5

Prof. Jon Gibbins, University of Sheffield, Vice-Chair, GECES

Discussion

Dr Andrew Minchener, International Centre for Sustainable Carbon, Vice-Chair, GECES (*video*)

Mark Ahlstrom, Energy Systems Integration Group (*video*)

Mark Lauby, North American Electric Reliability Corporation (*video*)

Antoine Herzog, Électricité de France, Vice-Chair, GECES

Interventions by member States and stakeholders

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18h00

End of Day 1



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Day 2, Wednesday, 4 October 2023, AM

10h00-13h00 Reliability and cyber resiliency of smart integrated energy systems (agenda item 7)

Documentation:

ECE/ENERGY/GE.6/2023/3, ECE/ENERGY/GE.5/2023/3 – Key considerations and solutions to ensure cyber resiliency in the smart integrated energy systems

ECE/ENERGY/GE.6/2023/4, ECE/ENERGY/GE.5/2023/4 – Improving efficiency and reliability of energy systems by means of big data analytics

Remarks from the Groups of Experts on Cleaner Electricity Systems and on Energy Efficiency

Sylvain Clermont, Vice-Chair, GECES

Dr Elizabeth Massey, Vice-Chair, GEEE, Co-Chair of the Task Force on Digitalization in Energy

Andrei Covatariu, Vice-Chair, GEEE, Co-Chair of the Task Force on Digitalization in Energy

Key considerations and solutions to ensure cyber resiliency in the smart integrated energy systems.

Presentation of the document *ECE/ENERGY/GE.6/2023/3, ECE/ENERGY/GE.5/2023/3*

Dr Elizabeth Massey, Vice-Chair, GEEE, Co-Chair of the Task Force on Digitalization in Energy

Improving efficiency and reliability of energy systems by means of big data analytics

Presentation of the document *ECE/ENERGY/GE.6/2023/4, ECE/ENERGY/GE.5/2023/4*

Dr Erlijn van Genuchten, GEEE Task Force on Digitalization in Energy

Roundtable “Security integration into planning and operations”

Moderator:

Sylvain Clermont, Vice-Chair, GECES

Panellists:

Stefan Zueger, Fortinet

Thomas Gereke, Siemens

Dr Ryan Quint, North American Electric Reliability Corporation

Presentation of the case study on “Colonial Pipeline Cybersecurity Attack”

Andrei Covatariu, Vice-Chair, GEEE, Co-Chair, Task Force on Digitalization in Energy

Presentation of the activities and priorities of the Task Force on Digitalization in Energy in 2024-2025

Andrei Covatariu, Vice-Chair, GEEE, Co-Chair, Task Force on Digitalization in Energy

Interventions by member States and stakeholders

Conclusions and Recommendations: GECES-19/2023/INF.1 – Conclusions and recommendations arising from the tenth session of the Group of Experts on Cleaner Electricity Systems

13h00-15h00 Break



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15h00-16h30 **Exploring pathways for a balanced integration of electric mobility into power systems (agenda item 8)**

Introductory remarks from the Group of Experts on Cleaner Electricity Systems

Sylvain Clermont, Vice-Chair, GECES

Trends and developments surrounding electric vehicles and their charging infrastructure

Roland Ferwerda, consultant, UNECE Working Party on Transport Trends and Economics

Dr Ryan Quint, North American Electric Reliability Corporation

Interventions by member States and stakeholders

Conclusions and Recommendations: GECES-19/2023/INF.1 – Conclusions and recommendations arising from the tenth session of the Group of Experts on Cleaner Electricity Systems

16h30-17h00 **Implementation of the Work Plan of the Group of Experts on Cleaner Electricity Systems for 2024-2025 (agenda item 9)**

Sylvain Clermont
Vice-Chair, GECES

17h00-17h10 **Other business (agenda item 10)**

17h10-17h15 **Dates of the next meeting (agenda item 11)**

Igor Litvinyuk, GECES Secretary, UNECE

17h15-17h30 **Adoption of conclusions and recommendations (agenda item 12)**

Sylvain Clermont, Vice-Chair, GECES

17h30-18h00 **Adoption of the report and close of the meeting (agenda item 13)**

Sylvain Clermont, Vice-Chair, GECES

18h00 **End of Day 2**

End of the session