Good morning and welcome
Current practices: Energy trade
16.09.2022

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ETSAP funds research and tools development projects aiming to expand the methodology and advance the software tools. It undertakes projects to make the methodology easier to apply, more efficient in its processes and calculations and to cover a wider range of energy supply and demand technologies.
ETSAP project: Workshop Series on Human dimension & Energy trade in energy system models

Special Workshop

Workshop series on Human dimension and Energy trade in TIMES models. For more details see here.

- 15th and 16th of September 2022 at IFE, Norway
- 29th and 30th of November 2022 at Columbia University, New York City
- 21st and 22nd of March 2023 at LTU, Luleå, Sweden
Motivation: Energy trade in energy system models

- Weather-dependent renewables requires flexibility
- Hydrogen and synthetic fuels
- Global bio resource products
- Energy security

«Mandag offentliggjorde Norges vassdrags- og energidirektorat (NVE) en rapport som de har sendt til Olje- og energidepartementet (OED), hvor de konkluderer med at EØS-avtalen tillater Norge å begrense strømeksporten av hensyn til forsyningssikkerheten.»
Situasjonen nå er ekstraordinær – men kan vare en stund

Norsk pris følger tysk pris, men varierer med tilsiget

Inlegg: Ekstreme kraftpriser i Europa ville ømmer til Norge og...
Vi trenger et enda mer robust kraftnett

Fram mot 2030 skal vi investere 60-100 milliarder kroner i transmisjonsnettet
Workshop series time schedule

Meeting 1: Current modelling practices, 15.- 16. 2022, September, Oslo
• Aim: Exchange knowledge needs
• Organizer: IFE

Meeting 2: Identifying main challenges, 29.-30. November 2022, NYC
• Aim: Identify knowledge gaps
• Organizer: GCEP
• WS Responsible:
  • Bio energy: VTT
  • Energy trade: GCEP
  • Human behaviour: UCC (Switch with LTU?)

Meeting 3: Improving methodology, 21.-22. March 2023, Luleå
• Aim: Discuss best practices
• Organizer: LTU
• WS Responsible:
  • Energy trade: VITO
  • Human behaviour: LTU (Switch with UCC?)
Workshop series deliverables

• Q2 2023 Presentation at ETSAP Summer WS
  • Human behaviour
  • Energy trade

• Q3 2023 Project reports – Published at ETSAP web page
  • Human behaviour
  • Energy trade

• Possible outcome: Joint research paper(s)

• Other outcome: Modelling collaboration among ETSAP partners
Agenda 16. September
Participants 16. September
Questions and comments?