

IEA Energy Statistics Training

Monday 23rd – Tuesday 24th March, 2026

Agenda

Day 1 (Monday 23rd March)

Chair: TBC

Time	Content	Presenter
Fundamentals of Energy Statistics Module		
12:00 – 12:10	Welcome from the IEA	TBC
12:10 – 12:45	Fundamentals of Energy Statistics <i>The session will introduce key conventions from the International Recommendations for Energy Statistics and discuss how these principles are applied at the IEA. It will explain fundamental concepts such as how energy statistics are structured, the calculation of transformation efficiency, and how to convert between units of mass, energy and volume.</i>	TBC
12:45 – 13:00	Q&A	
10-minute break		
Energy Balances Module		
13:10 – 13:35	Energy Balances <i>The session will explain the definitions, concepts and conventions underlying the building of a national energy balance. It will show how an energy balance is also the starting point for the construction of various indicators such as energy intensity, energy consumption per capita, of for early estimations of CO2 emissions from fuel combustion. The session combines presentation and hands-on exercises, including featuring the IEA balance builder.</i>	TBC
13:35 – 13:50	Q&A	
13:50 – 14:35	Dedicated exercise session	
10-minute break		
Hydrogen Module		
14:45 – 15:15	Introduction to Hydrogen Data Collection <i>Given the increasing importance that Hydrogen is making within the energy domain, this short introductory session will explain some of the key concepts and data flows that countries should seek to collect to help produce a hydrogen balance. Links to ammonia and e-fuels will also be discussed.</i>	TBC
15:15 – 15:30	Q&A	

Day 2 (Tuesday 24th March)

Chair: TBC

Time	Content	Presenter
Energy Statistics Roadmap Module		
12:00 – 12:20	Energy Statistics Roadmap <i>The session will introduce key concepts from the IEA's Designing an Energy Statistics Roadmap guidebook, which offers a comprehensive framework for national institutions to assess existing national energy information systems and strategise a roadmap for their development. The session will also demonstrate how to use the accompanying Excel-based assessment tool that can help energy institutions better understand their strengths and weaknesses and identify the actions to prioritise.</i>	TBC
12:20 – 12:30	Q&A	
Energy Demand and End-Use Data Module		
12:30 – 12:50	Energy Demand and End-Use Data <i>The session will describe the key data needed for a good representation of the demand-side of the energy system, including: industry, transport, buildings and other sectors – typically requiring dedicated data collection at national level. Demand-side data are key to the design of a complete and accurate energy balance. The session will also show the benefits of collecting detailed end-use data for each sector, as a preliminary step to developing efficiency indicators to inform and monitor sectoral policies.</i>	TBC
12:50 – 13:10	Q&A	
10-minute break		
Emissions Module		
13:20 – 13:40	Emissions <i>The session will introduce the methodology used to estimate greenhouse gas emissions from the energy sector, covering the sectoral and reference approaches and fugitive emissions. Emissions from energy account for more than three-quarters of the total greenhouse gas emissions globally, hence tracking them is integral for sustainable policy-making.</i>	TBC
13:40 – 14:00	Q&A	
10-minute break		
Energy Prices Module		
14:10 – 14:30	Energy Prices <i>The session will explain the key concepts required for end-use energy prices data collection and reporting at national level, including methodologies by products, sectors and time granularities. It also introduces the value of end-use energy prices to derive policy-relevant indicators.</i>	TBC
14:30 – 14:50	Q&A	
Final Session - Closing		
14:50 – 15:00	Training Evaluation/Post training assessment	TBC
15:00 – 15:10	Closing remarks and group photo	