

Commission follow-up of implementation of legal obligations on energy metering and billing and Agency update on related activities

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Legal obligations and deadlines

<u>TSI LOC&PAS</u>* On-board Energy Measurement Systems (EMS) mandatory on new, upgraded and renewed rolling stock



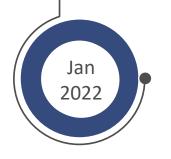
TSI ENE*** On-ground energy data collecting system (DCS) capable to exchange compiled energy billing data with EMS is implemented

Follow-up



Amendment to TSI ENE and LOC&PAS**

On-ground settlement system capable to receive data from a DCS and accept it for billing is implemented. The on-ground settlement system shall be able to exchange compiled energy billing data (CEBD) with other settlement systems



* Commission Regulation (EU) No 1302/2014 of 18 November 2014 concerning a technical specification for interoperability relating to the rolling stock – locomotives and passenger rolling stock subsystem of the rail system in the European Union

** Commission Implementing Regulation (EU) 2018/868 of 13 June 2018 amending Regulation (EU) No 1301/2014 and Regulation (EU) No 1302/2014 as regards provisions on energy measuring system and data collecting system

*** Commission Regulation (EU) No 1301/2014 of 18 November 2014 on the technical specifications for interoperability relating to the 'energy' subsystem of the rail system in the Union Text with EEA relevance



Stakeholder consultation feedback

Feeback from railway undertakings and locomotive leasing companies:

- Concerns raised related to erroneous billing by energy suppliers
- Financial consequences directly and unjustly impacting the users, due to non-compliance of the infrastructure to TSI ENE
- Other legal consequences, e.g. in the vehicle and fixed installation authorisation process
- Request to analyse:
 - Incentives to Member States to implement TSI ENE obligations on their infrastructure networks
 - Regulatory measures for compensation schemes



Action plan: Structured follow-up

MS reporting		
Commission request to Member States	ERA analysis	EC follow-up
Reporting on state of implementation to be launched on Railway Interoperability and Safety Committee (RISC) in June	<u>Commission request</u> <u>to the Agency</u> Study on state-of-play of implementation of on- ground energy data collecting and settlement systems	<u>Commission actions</u> To be defined based on the conclusions of the Agency analysis Within available legal tools: amendment of the legal framework, infringement for



Agency activities

- Preparing the resources/planning to fulfil the EC request tasks
- Revision of standards referred in TSIs: particular involvement in the revision of series EN 50463 (Observer in CENELEC WG 37 Energy measurement)
- Output of revision of EN 50463 will be incorporated in related TSIs (ENE and LOC&PAS)



Agency activities

Upon EC request to ERA: Study on state-of-play of implementation of onground energy data collecting and settlement systems

Conducting this study will be an outstanding possibility for the sector to incorporate the stakeholder consultation feedback in:

- Terms of reference for the study commissioning
- Collaboration with detailed feedback during development of the study

Output for study to be:

✓ Followed-up by EC and ERA

Eventual inputs for future revision of ENE and LOC&PAS TSIs



Thank you



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