



Gas LNG Europe

GLE Workshop

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Services offered by Terminal Operators

- Reference: 2nd Gas Directive 2003/55/EC of 26th June
- Facility and Services Definitions:
 - Art. 2 Comma 11: LNG Facility: “ ... terminal which is used for ... the importation, offloading, and re-gasification of LNG, and shall include **ancillary services** and **temporary storage** for the re-gasification process and subsequent delivery ..., but shall not include any part of LNG terminals used for **storage**”
 - Art. 2 Comma 14: Ancillary Services: “... all services necessary for access to and the operation of ... LNG facilities and / or **Storage facilities** including load balancing and blending, ...”
 - Art. 2 Comma 9: Storage facility: “... a facility, used for the stocking of natural gas and owned/or operated by a natural gas undertaking, including part of LNG facilities used for storage but excluding the portion used for production operations...”

- Third Party Access and Tariffs:
 - Art. 18 Comma 1: LNG Facility: “ Member States shall ensure the implementation of a system of third party access to ... LNG facilities based on published tariffs...”
 - Art. 19 Comma 1: Storage facility: “For organization of access to storage facilities ... Member States may choose either or both of procedures referred in paragraphs 3 (negotiated access) and 4 (regulated access)...”
 - Art. 19 Comma 2: Ancillary Services and Temporary LNG Storage: “the provisions about storage shall not apply to ancillary services and temporary storage that are related to LNG facilities and are **necessary for the re-gasification process and subsequent delivery to the transmission system**”.
 - Art. 22: mentioning the possibility of new LNG facilities or significant capacity increases to be **exempted of TPA, access to storage and tariff regulation**

Services Necessary for the Re-Gasification Process

- Activities common to all LNG facilities (studied by GLE):
 - Unloading of LNG Carriers (including quantity measurement and, if the case be, quality measurement, and the redelivery, if requested, of boil-off gas)
 - Operational Storage of LNG (the minimum LNG storage capacity needed for the Terminal User to store 1 LNG Cargo, being re-gasified over a minimum period of time, taking into account the maximum available contracted re-gasification capacity and that cannot be provided by alternative storage flexibility providers)
 - Re-gasification or Vaporization (and gas intake to the pipeline network, including quantity and quality measurement at the redelivery point).

Specific Services Offered by Terminal Operators

- In addition to 'Services Necessary for the Re-Gasification Process' and to 'Ancillary Services' – not available in all LNG facilities:
 - Private initiative of Terminal Operators or Requested by Terminal Users and directly negotiated with Terminal Operators
 - Different specificity and nature – should be treated outside of regulated mechanisms



'Specific Services'

- Note: 'Specific Services' may be required to LNG facilities by reason of 'public interest' in which case may be treated similarly to 'Ancillary Services'

Types of Specific Services

Technical

- ✗ Correction of Wobbe Index
- ✗ Odorizing
- ✗ Additional Storage
- ✗ Additional Send-out
- ✗ LNG truck-loading
- ✗ Ship-to-ship loading
- ✗ Tank-to-ship loading
- ✗ Tanker cooling down
- ✗ Tanker gasing-up
- ✗ Ship approval
- ✗ LN loading
- ✗ N₂ inerting

Trading

- ✗ Re-gasification capacity trading
- ✗ LNG inventory trading
- ✗ Storage capacity trading
- ✗ Unloading slot trading

- ✓ Require specific investment
- ✓ Require specific operating structure
- ✓ Influenced my market demand
- ✓ Influenced by level of market liberalization