

Energy  
Storage NL



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TECHNOLOGY

**ENESA**

**Update The Netherlands Q3 2019**



**September 18, 2019**

# Lobby: double taxation

- Breakthrough: ministry of finance has finally admitted that there is a problem with double taxation and energy storage
- Ministries has announced a complete review of energy taxation in 2020 and expects to end double taxation in January 2021
- Focus is on large energy storage systems (with connection  $>3 \times 80A$ ), because of the Dutch net-metering scheme
- Energy Storage NL has responded, we are happy that the problems are finally acknowledged, but we are disappointed with the projected timeline and the focus on large storage systems.

# Lobby: standardisation for flexibility

- In the Dutch Climate Agreement FME/Energy Storage NL was appointed with the task to discuss standardisation for flexibility with other manufacturers
- This concerns devices like: energy storage units, heat pumps, EV charging infrastructure, air conditioning and home appliances.
- TNO has contacted us and informed us that we they have developed a standard that is under discussion in CENELEC
- Next step is a consultation of the TNO standard with FME, Energy Storage NL and other partner associations members.

# Subsidies and tax schemes

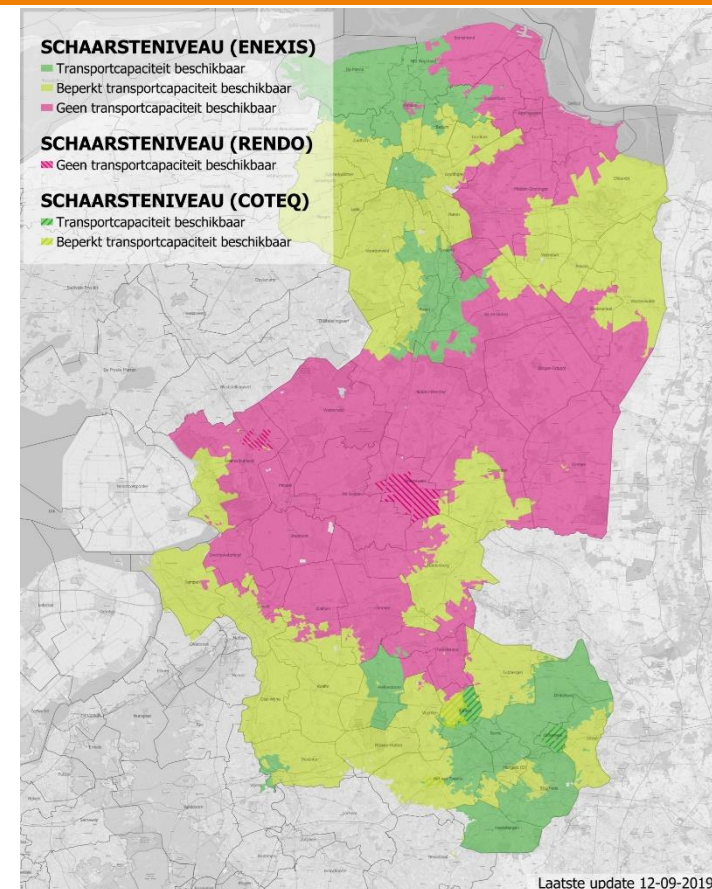
- Currently, energy storage project can be supported by:
  - EIA (Energy Investment Tax Deduction): 45% of the investment costs can be deducted from fiscal profits. This tax incentive is available for: battery energy storage (Li-ion, NaS and redox flow), power2gas, power2heat, heat storage of sustainable heat.
  - DEI+ (Demonstration Energy Innovation): subsidy scheme for pilots and demonstration projects. Percentage of subsidy varies between themes. Pilot projects conducted by companies can receive 25%subsidy. This scheme is not working properly right now (see next slide).
  - Various smaller subsidy schemes from local governments.

# Lobby: problems with DEI

- Currently energy storage and flexibility projects can only apply for a pilot project. This hampers the growth of energy storage and in practice means:
  - Smaller project size
  - Smaller subsidy percentage
  - No commercial side-activity allowed
  - Hardware to be removed after project ends
- Ministry of economic affairs refers to European regulations for state aid to companies. The government claims that energy storage technology is not properly mentioned in directive 651/2014. Therefore they can only allow support for pilot projects:
  - Question: do you see the same problems in your country? How is your government dealing with these state aid rules?

# Lobby: net capacity issues

- Net capacity issues continue to increase
- Members of parliament have called for a round table to discuss technological solutions. They have also asked the ministry to research ways in which this type of technology can be supported.
- Energy storage NL organises a conference on October 3rd, together with the Northern Provinces, to discuss the issue with ESNL members and local developers.



# Promotion activities

- ESNL organised a successful pavilion at EES Munich together with member companies.
- ESNL organised a joint members meeting with Dutch Power, a networking association for TSO/DSOs and their suppliers.
- Members of parliament visited ESNL members Ecovat and Eaton



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