



10268 – Swedish approach for the assessment and monitoring of the smart grid development

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The Swedish Energy Markets Inspectorate (Ei) is an authority which is commissioned to strive for well-functioning energy markets. The Electricity directive (EU) 2019/944 (the Electricity directive) contains requirements for the national regulatory authorities (NRAs) with respect to the system operators' smart grid development. To promote smart grids, the Electricity Directive introduces a new task for the NRAs

to monitor and assess the smart grid development. Furthermore, the NRAs will publish a national report every two years on the smart grid development and give recommendations. As a result, Ei has adopted new national provisions where a set of indicators for assessing and monitoring the smart grid development is introduced in Sweden.

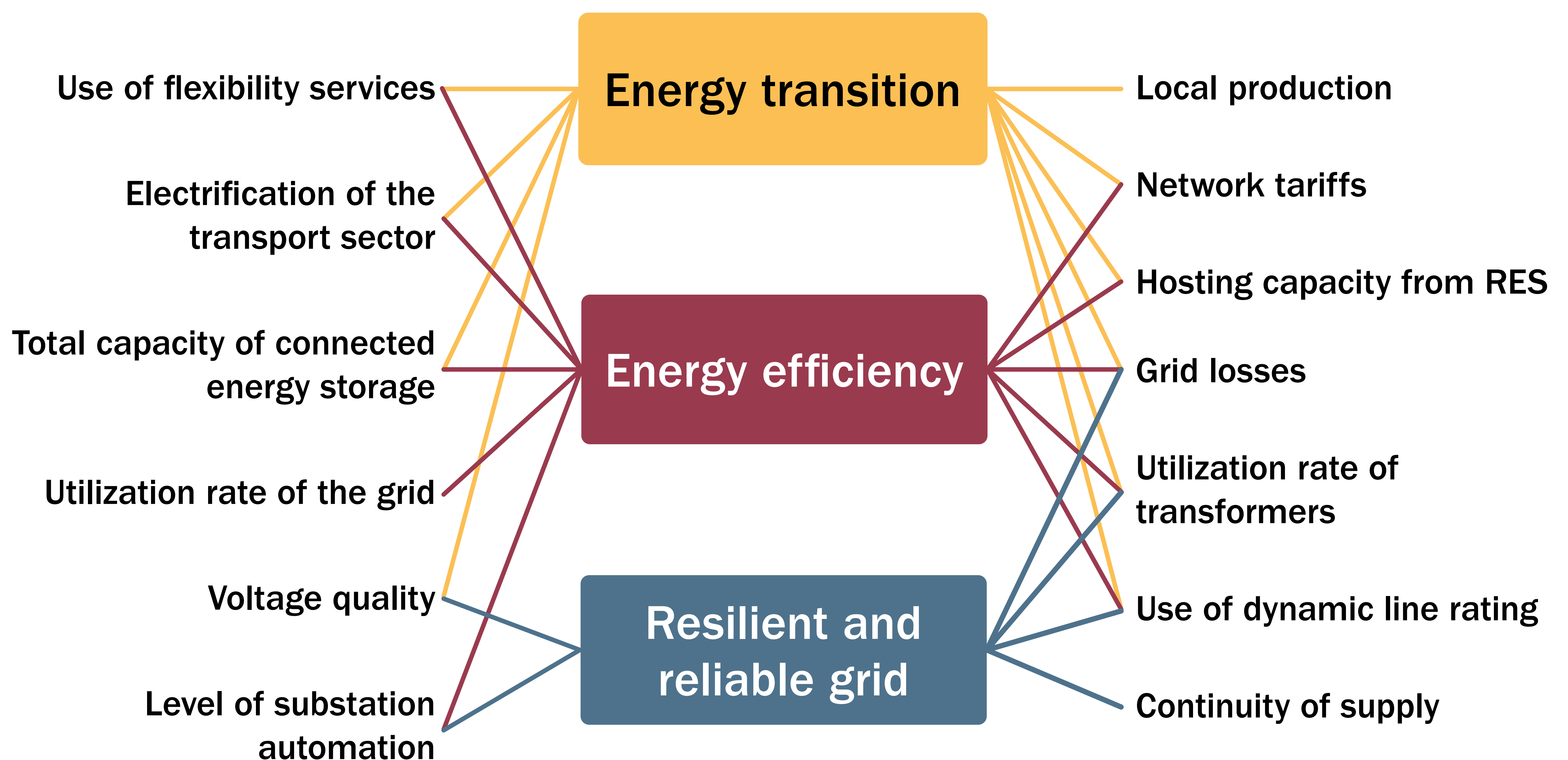


Figure 1 – Classification of indicators

Criteria when selecting

The selection of indicators was made based on these criteria:

- Relevancy
- Confidentiality
- Measurability
- Responsiveness
- Technology neutrality
- Availability
- Representativeness

Conclusion

- The indicators need to be analysed together and over time.
- Other indicators from external sources can also be considered.
- Based on the results of the indicators a report including recommendations will be published every two years.
- The set of indicators will be evaluated every three years.