

Questions for Consultation

General Issues

1. Are there additional major problem areas or further policy issues that should be addressed within the Grid Connection Framework Guideline?
Testing and commissioning conditions should be described.
2. What timescale is needed to implement the provisions after the network code is adopted? Is 12 months appropriate or should it be shorter or longer?
12 months is appropriate.
3. Should harmonization of identified issues be across the EU or, perhaps as an interim, by synchronous area?
As much as possible the issues should be harmonized across EU, but some issues should remain flexible considering specific requirements of different synchronous areas (frequency control, system protection, UVRT, reactive power control).

Grid Users related Aspects

4. Should the requirements apply to existing grid users? How should it be decided? To which existing users should the requirements apply? How should timelines for transitional periods be set? Who should bear any costs of compliance?
Yes, it should also apply to existing grid users if it is not associated with extra costs or there should be reasonable transition period (5-10 years) in exceptional cases if major refurbishments are needed. Normally there should be requirements what were adopted during erection procedure should applied.
5. The framework guideline identifies intermittent generation, distributed generation and responsive demand as requiring specific grid connection guidelines. Is it appropriate to target these different grid users? How should the requirements for intermittent generation, distributed generation and responsive demand differ from the minimum requirements? Is there a need for more detailed definition / differentiation of grid users?
There should be a reference to the requirements for those generation types and responsive demand.

Implementation

6. Is it necessary to be more specific regarding verification, compliance and reinforcement?
Yes, there should be the clear requirements, how to carry through verification and compliance tests and what are the responsibilities and rights of connected applications and TSOs.
7. What are the key benefits and types of costs (possibly with quantification from your view) of compliance with these requirements?
The compliance of power plant to the requirements should be a minimum to be allowed to operate in the grid and it should be as precondition for paying subsidies (RES for example). The key benefits are flexibility, better market dynamics, security of supply and market operation.
8. How should significant generation and consumption units be defined?
This is different for each TSO. While system is developing and changing the criteria dimensions can be changed as well. This definition should be flexible and stated by each TSO.
9. For what real-time information is it essential to improve provisioning between grid users and system operators? Do you envisage any problems such greater transparency? What are the costs (or types of costs) and benefits you would see associated with this?
Market price, planned outages, bilateral system control services, like load control.