In the context of the electricity market design, DG ENER organised a meeting with EU DSO Entity for a discussion on implementation approaches to energy sharing at distribution system level in Member States.

Main messages

- **LU**: Separate smart meter for injection and consumption; metering data calculation platform in place; no grid fees within close proximity radius; layers of energy sharing: from premise, to multi-apartment building to community and peer-to-peer trading across the country.
- **BE (FL)**: Energy sharing within single building; peer to peer with same suppliers and energy communities; no network tariff incentives; 15 minute time interval with optimal repartition key to keep allocating until all injection is assigned to participants; can be updated once a day.
- **DE**: Mieterstrom model allows for energy sharing between buildings; savings on grid charges and taxes; 15-minute interval; same supplier.
- **PT**: Metering data calculation platform put in place within 1-2 years working with pilots; data processing is a big investment and difficult to provide accurate real-time information.
- **FR**: Energy sharing through legal entity within 15 minutes using smart meters; legal entity checks radius and connection points and interacts with DSO; each month DSO calculates shared and excess consumption and sends to PMO and suppliers; calculation methods either basic and pre-defined or dynamic and ex post.
- **IT**: Energy shared within 15 minutes interval deducted from common meter point; excess energy injected can be shared below primary station associated with reductions in tax and grid charges; calculation method can be revised once per month.
- **DK**: Esharing at building scale with one meter; explore application of local collective tariffing to be more cost-reflective by metering at sub-stations.
- **ES**: Energy sharing within 1 km radius and energy community; calculation methods for energy sharing send by consumers to suppliers which sends in turn to DSO; subtract hour by hour metering data; changes in calculation method every 4 months; supplier responsible for balancing and collection network charges.

DG ENER agreed to circulate table to collect further information on approaches to energy sharing among members of EU DSO Entity.