

Consultation on the list of candidate for the 5th Projects of Common Interest in electricity and gas infrastructure

Nordic electricity market provides for European climate and energy targets

Nordenergi, the joint collaboration between the Nordic associations for electricity producers, suppliers and distributors, welcomes the consultation on the list of candidate for the 5th Projects of Common Interest in electricity and gas infrastructure.

All Nordic countries have ambitious climate targets. The key enabler for achieving these targets is the further electrification of the societies. The Nordic countries already have electricity generation with very low carbon emissions. In addition, there are great possibilities to increase renewable and other low carbon electricity generation significantly and cost-efficiently.

Not only have the Nordic countries possibilities to proceed with electrification, but they can also provide for European climate and energy goals more broadly. The Northern renewable electricity possibilities benefit the whole Europe and enable achieving the ambitious European climate targets.

The four Nordic countries are heavily reliant on each other, and together provide for security of supply for all of the Nordic countries. With the ever better competitiveness of wind power, the power flows from north to south have become more and more important. The Nordic countries are also connected with the continental power system through interconnectors with Germany, Netherlands and Poland, with more interconnectors to come. The interconnectors between Nordic and Baltic countries are an important factor in bringing the Baltic countries more interlinked and truly a part of the European electricity markets.

Hence, the Nordic countries can provide green power and security supply, for the Nordic region and Europe, provided that there are enough transmission capacities available.

It is a prerequisite that there is a strong and robust electricity transmission within the Nordic countries and between Nordic countries and other EU- and Western European countries. Today there is not sufficiently transmission capacity for connecting renewable electricity generation mainly located in the Northern and Western parts of the Nordic countries with industries and habitation in the Southern parts of the Scandinavia and further with the neighboring countries.

One example is the major bottleneck between Northern Sweden and Northern Finland, which has for many years already restricted the flow of wind power and the use of Northern reservoirs for balancing. The planned 800 MW Aurora-powerline would provide for market integration, security of supply and renewable power.

We call the European Commission to recognize the importance of Nordic electricity market and the robust transmission grid within the Nordic region and between the Nordic area and other EU- and Western-European countries, and to consider the related grid projects when deciding on the PCI-projects and CEF-funding.

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Nordenergi is the umbrella association of the Nordic electricity industry associations Danish Energy, Energy Norway, Finnish Energy and Swedenergy.

