



PRESS RELEASE

9 July 2018

A carbon-neutral but reliable energy system is possible

Ahead of the European Commission's consultation on the EU Long-term Decarbonisation Strategy, the sector of gas-based power generation highlights one of the energy system's most promising solutions to reducing greenhouse gas (GHG) emissions and tackling climate change: the switch of gas-based power generation to carbon-neutral gases.

The political consensus to continue increasing the share of volatile wind and solar in the energy mix will challenge the reliability of Europe's energy system. To do both – to ensure grid stability and to further reduce GHG emissions – Europe needs to enlarge its dispatchable power generation based on renewable energy.

With the transformation of the gas system into a renewable gas system, an attractive solution will become reality: CO₂-neutral power plants using renewable fuels to provide reliable and controllable energy, irrespective of weather conditions.

Already today, dispatchable carbon-neutral electricity and heat is provided by power plants operating on biogas or waste gases. The large-scale provision of biomethane, synthetic methane or hydrogen thanks to the gas grid will allow to fully decarbonise dispatchable power generation. A stable functioning of the energy system will be ensured, while the EU decarbonisation targets are met.

This option requires an Energy Policy that does not one-sidedly favour the electrification path for Europe but develops and integrates all 3 energy sectors: electricity, gas and heat. This is how the EU will reach its ambitious climate targets for 2050!

Note for the editor

EUGINE is the voice of the European engine power plant industry. Its members are the leading European manufacturers of engine power plants and their key components. They provide forward-looking solutions for flexible electricity generation.

EUTurbines is the European association representing gas and steam turbine industry. The companies behind EUTurbines employ 70.000 people across Europe and are the global technology leaders in turbine technology used as core components in the majority of thermal power generation applications from gas to renewables.

Energy Technologies Europe is an association representing technology providers of state-of-the-art solutions for thermal energy, energy conversion technologies, their components and other related energy services.

EUGINE – European Engine Power Plants Association

Lyoner Str. 18
60528 Frankfurt
Phone: + 49 69 6603-1309
Email: ralf.wezel@eugine.eu
www.eugine.eu

EUTurbines – European Association of Gas and Steam Turbine Manufacturers

Boulevard A.Reyers 80
1030 Brussels
Phone: + 32 2 706 8211
Email: ralf.wezel@euturbines.eu
www.euturbines.eu

Energy Technologies Europe

Avenue Adolphe Lacomblé 59/8
1030 Brussels
Phone: +32.2.743.29.86
Email: p.clerens@eteurope.eu
www.eteurope.eu
