



Industrie Service

**Choose certainty.
Add value.**

Energy Certification

A Product Information Sheet by the Environmental Engineering Business Area

Do you supply electricity or natural gas, produce electricity or feed biogas into the conventional gas grid, or are you an energy consumer? Do you value energy that offers specific characteristics, sustainability and environmental friendliness? If so, our energy certification service is the one for you!

Ecopower, green power or green gas are not protected terms. Both the EU Renewables Directive and the German Renewable Energy Act (EEG) claim that the expansion of renewable energies protects the climate and the environment and permits sustainable development. Renewable, clean energy sources include:

- Hydropower
- Wind power
- Solar energy
- Biomass, biogas
- Landfill gas
- Biogenic waste
- Geothermal energy

Ecopower is thus distinct from conventional electricity insofar as it originates from renewable, clearly identifiable energy sources while simultaneously supporting the development of renewable energies.

Our services

TÜV SÜD has long-standing international experience in the field of energy certification and provides certification services for traditional ecopower products, supply of biogas to conventional gas networks, generation of tradable certificates and renewable energy plants. We are happy to advise you in advance on useful sectors for your commitment. We provide tips on how to design innovative and professional offers in the fields of renewable energies, climate protection and sustainability that are tailored to your local generation possibilities.

In addition, we are accredited in several European countries and provide environmental verification, conformity assessments, certification and proof of origin in the nationally regulated sectors there.

Ecopower certification

This service targets ecopower suppliers who guarantee to their customers that the electricity they provide originates from renewable and/or environmentally-friendly sources. In these cases, we verify from source to delivery that the requirements set forth in our criteria catalogues and all supplier statements are actually complied with.



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www.tuev-sued.com/energy-certification

Certification of production / origin

You wish to demonstrate to your business and trading partners as well as to major consumers that you produce and supply clean power. In this case, we inspect the sources of electricity generation and/or supply. If this inspection is passed, we provide certification of generation/origin of renewable or clean electricity. Our certification/proof of origin is recognised in numerous countries. TÜV SÜD certified energy can also be transferred in the form of tradable renewable energy certificates (TÜV SÜD Renewable Units, TRUs). We also issue guarantee of origin as set forth in the amended EEG, or provide attestation of generation data for national registers of origin.

RECS certification

The "Renewable Energy Certification System" (RECS) is an initiative launched by power producers, distributors and certifiers for trading renewable energies on the international floor. For this purpose, certificates are used to separate the environmental value of renewables from their physical energy. These certificates can be traded separately. TÜV SÜD proactively participates in the European RECS system and, as a "production registrar", tests generation plants in Germany, Switzerland and Slovenia.

We are thus your expert partner whenever you wish to produce tradable RECS certificates.

BlueRegistry

In BlueRegistry we offer an Internet-based registration database which facilitates the management of green energy certificates. BlueRegistry increases transparency on the certificate market

Your benefits

TÜV SÜD energy certification offers the following key benefits:

- ▶ You distinguish yourself from competitors.
- ▶ You obtain proof of origin which is recognised in many countries.
- ▶ You offer clear guidance and decision-making support to trading partners and customers.
- ▶ Our environmental verifiers confirm that your installations or energy carriers comply with the legal requirements and thus guarantee appropriate returns on your investments.

The international public awareness and excellent reputation of the TÜV SÜD brand also ensure that our reports and certificates meet with a high level of acceptance.

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TÜV SÜD Industrie Service GmbH · Carbon Management Service

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