

<b>Certification Criteria:</b> <b>Generation UE (version 10/08)</b> <b>CMS Criteria 86</b>		 Industrie Service
Nr.: CMS-Z: E-Cert 86	Certification body "climate and energy"	



## Certification Criteria: Generation UE

created/modified: IS-CMS-MUC	released: IS-CMS-MUC	Page 1 of 3
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## "Certification relating to the generation of electricity from eco-friendly energies (100% combined heat and power)"

### Criteria relating to certified companies:

1. The protection of the climate is an essential aim of the business policy, especially the growth of renewable energy as an instrument for a better climate protection should be promoted. This aim is set out in writing in accordance with other criteria.

### Criteria relating to energy carriers and energy sources:

2. Then certified electrical power is derived from fossil combined heat and power plants or combined heat and power plants which are fueled with domestic and industrial refuse.
3. The applied combined heat and power plants must reach an annual efficiency<sup>1</sup> of at least (fossil-fueled) 70% or of at least (waste-fired) 45%. Moreover, the requirements of the EU Directive 2004/8 for highly efficient combined heat and power should be taken into account, as soon as detailed guidelines become acquainted.
4. The CO<sub>2</sub> emissions per kWh (electricity + heat) are below those of a modern gas-fired gas and steam power stations<sup>2</sup> which exclusively generates electricity. The biogenic part (referring to the energy content) of the refuse is evaluated with zero emissions.
5. All technical, legal and other prerequisites for power stations operating that are required for the supply of electrical power are covered.

### Criteria to acquire the certified amount of electricity and the alignment with the sales:

6. The actual available marketable amount of electricity is certified. This is the net production which is fed into the electricity grid minus all other long-term delivery obligations which explicitly provide deliveries from certified power plants.
7. The certified electrical power can be traced back to clearly described and identifiable sources. The supplier will generally disclose them in an appropriate way, or at least to his customers.
8. The supplier has the exclusive and long-term marketing right in the certified production. This can encompass the total production of a generation source or a precisely defined part of this production
9. The supplier disposes of a reliable procedure for ongoing monitoring and for ensuring the balance between generation / purchase and demand. The delivered quantities for customers are unambiguously labeled and confirmed by both parties.

<sup>1</sup> Quotient of the total amount of applicably delivered thermal and electrical energy to the input energy within a year

<sup>2</sup> Value according to the current version of the Germis database

created/modified: IS-CMS-MUC	released: IS-CMS-MUC	Page 2 of 3
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Criteria relating to the communication:

10. If the certification is promulgated publicly, all issued statements must in terms of content be covered by a certification.

created/modified: IS-CMS-MUC	released: IS-CMS-MUC		Page 3 of 3
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