

Certification Criteria: Generation EE+ (version 10/08) CMS Criteria 87		 Industrie Service
Nr.: CMS-Z: E-Cert 87	Certification body "climate and energy"	



Certification Criteria: Generation EE+

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“Certification relating to the generation of electricity from renewable energies with the protection of the guarantee of work and performance”

Criteria relating to the supplier of the certified electricity:

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 the energy carriers and energy sources:

2. The certified electrical power is derived from 100% renewable energy sources. The following carriers and technologies are considered renewable energies: hydropower¹, wind energy, biomass², biogas, landfill gas, pit gas³, solar energy, geothermal heat, biogenic components of domestic and industrial refuse⁴.
3. The certified electrical power provided as renewable energy 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.
4. The supplier has the exclusive and long-term marketing right in the certification production. This can encompass the total production of a generation source or a precisely defined part of this production.
5. It is assured the availability of all technical, legal and other prerequisites that are required for the supply of electrical power for the power station operation.

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 (such as substitution in kind, concession deliveries etc.) which explicitly budget deliveries from the certified power plants.
7. The supplier uses 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.

¹ Including wave -, tidal – and ocean current power plants. Storage power plants without the energy absorbed by storage pumps

² In terms of the German biomass law

³ In countries where this form of energy is explicitly defined as renewable energy

⁴ Without any further evidence electricity from domestic refuse up to a maximum of 30% can be classified as renewable

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8. If the delivery is not physically effected but only in the form of certificates, it must appropriately be proven that this was taken into account at the determination of the electricity disclosure or electricity information. The customer should accordingly be encouraged to report back the electricity mix which was re-declared by the certificates to the producer.
9. If the delivery of certified electricity is effected in the form of tradable certificates then 1 MWh of certified generation corresponds to a "TÜV SÜD Renewable Unit+"-certificate or briefly worded "TRU+". 1 TRU+ is the proof that 1 MWh of electricity was generated according to the prerequisites of these certification criteria. „TRU+“-certificates can be changed to "TRU"-certificates. The reverse change from "TRU" to "TRU+" is not possible.
10. If the certified output is not already recorded in national registries, it is advisable to list the certified generation or the TRU-certificates in the registry database BlueRegistry of TÜV SÜD and so that they can be pursued there as well.

Criteria relating to the protection of the guarantee of performance:

11. To ensure the observance of the contracted work and performance data in the form of time tables mentioned in the sources of section 3, the supplier uses a reliable procedure including the entire process chain from the generation in power plants to the drafting of a contract and the monitoring.⁵
12. A non-attainment of work and performance requirements is covered by delivery complement options of the supplier. External delivery complements correspond to generation technology of the main delivery and are certified as per „generation EE+“, or as per an equivalent procedure. The proportion of external delivery complements does not exceed 5%.
13. The power plant owner and his marketing organization(s) give the certifier an insight into all delivery contracts concerning the production of the power plant.
14. The power plant owner and his marketing organization(s) establish by request of the buyer a document in which the observance of the performance requirements is comprehensible. It will especially be proven how often, to which extent and from which sources external delivery complements were employed.

Criteria relating to the communication:

15. If the certification is promulgated publicly, all issued statements must in terms of content be covered by the certification. It should be an aim to promulgate the essential data of the certified power plants publicly.

⁵ If no specific arrangements concerning labor and performance values are included in the contract, the requirements of this certification criteria correspond to the TÜV SÜD Certification Criteria "Generation: EE" (CMS Standard 83). In addition to the here defined CMS Standard 87 a separate certification of CMS Standard 83 not necessary.