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| **Annex 1 to the Contract pursuant to DE-UZ 214**  **Blue Angel Eco-Label for „Climate-Friendly Colocation Data Centers“** |  | **Please use this form!** |

Applicant:

Distributor (label user):

Brand / trade name:

Product designation[[1]](#footnote-1):

Product description:

| **Paragraph** | **Criterion** | **Requirement** | **Confirmation of Compliance** |  | **Compliance Verification** | **Attached Document** |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
| **3.1.1.1** | Power Usage Effectiveness (PUE) | Compliance with the minimum requirement for Power Usage Effectiveness from Table 1  Exemption 1  Exemption 2 | Compliance with the requirement is confirmed. |  | Value of the Power Usage Effectiveness (PUE)  Calendar year  Energy Efficiency Report  Submission of planning data according to DIN EN 50600 (excemption 1)  Date of commissioning of the data centre       (excemption 2) | (Annex 2) |
| **3.1.1.2** | Energy efficiency of the cooling system | Compliance with the minimum requirement of the JAZ from table 3  Exemption 1  Exemption 2  Exemption 3 | Compliance with the requirement is confirmed. |  | Energy Efficiency Report  Submission of planning data or a measurement report of the load test (Exemption 1)  Calculation of specific greenhouse gas emissions (FATC)  (Exemption 2)  confirmation of the plausibility of the calculation (Exemption 3) | (Annex 2) |
| **3.1.1.3** | Refrigerant | Use of halogen-free refrigerant after the 01.01.2013  Use of chlorine-free refrigerant before 01.01.2013  Exemption | Compliance with the requirement is confirmed. |  | Energy Efficiency Report  Name the refrigerant  Quantity of refrigerant | (Annex 2) |
| **3.1.1.4** | Electrical energy | 100% of the electricity required is obtained from renewable energies or from decentralised combined heat and power plants | Compliance with the requirement is confirmed. |  | Electricity labelling according to §42 Energy Industry Act | (Annex 5) |
| **3.1.2** | Efficient use of floor space | The data center has the highest possible space efficiency. | Compliance with the requirement is confirmed. |  | Rated power of the IT equipment per square meter of gross floor area [kWel/m²GFA]  Rated power of the IT equipment per square meter of floor area (constructed area) [kWel/ m²FA]  Energy Efficiency Report | (Annex 2) |
| **3.1.3.1** | Obligation to provide information | The requested information is regularly passed on to the customer.  Information on energy saving and its implementation is provided to the customer.  Support with the application for DE-UZ 161 | Compliance with the requirement is confirmed.  Compliance with the requirement is confirmed.  Compliance with the requirement is confirmed. |  | Information material on energy saving | (Annex 6) |
| **3.1.3.2** | Consumption-based billing | The invoice of the customer corresponds as far as possible to the actual costs | Compliance with the requirement is confirmed. |  | Sample contract for the billing  Energy Efficiency Report  Electricity price for customers [€/kWhel] at the time of application | (Annex 7)  (Annex 2) |
| **3.1.4** | Energy Efficiency Report at the time of application | Fully completed Energy Efficiency Report | Compliance with the requirement is confirmed. |  | Energy Efficiency Report  Audit report | (Annex 2)  (Annex 4) |
| **3.2.1.1** | Monitoring of the electrical energy and water | Continuous monitoring throughout the year | Compliance with the requirement is confirmed. |  | Energy Efficiency Report | (Annex 2e) |
| **3.2.1.6** | Acquisition of new components for the cooling system |  | Compliance with the requirement is confirmed. |  | Energy efficiency report for final evaluation | - |
| **3.2.1.3** | Acquisition of new Uninterruptible Power Supply (UPS) systems |  | Compliance with the requirement is confirmed. |  | Energy efficiency report for final evaluation | - |
| **3.2.1.4** | Acquisition of new switching systems |  | Compliance with the requirement is confirmed. |  | Energy efficiency report for final evaluation | - |
| **3.2.1** | Acquisition of new intelligent Power Distribution Units (PDUs) |  | Compliance with the requirement is confirmed. |  | Energy efficiency report for final evaluation | (Annex 2d) |
|  | Taking into account life cycle costs when making acquisitions | The costs will be charged to the Tender evaluation considered | Compliance with the requirement is confirmed. |  |  | - |
| **3.2.2** | Energy Efficiency Report for final evaluation | At least 6 months before the end of the contract period, the energy efficiency report is submitted for final evaluation or  Exemption | Compliance with the requirement is confirmed. |  | Energy Efficiency Report for final evaluation | - |

**Annexes to the Contract**

Please use this form of Annex 1 to the Contract.

Please attach the following Annexes to the application documents:

Annex 2/ 2e/ 2d: Energy efficiency report/ monitoring energy

Annex 4: Auditor report

Annex 5: Electricity labelling according to §42 Energy Industry Act

Annex 6: Information material on energy saving

Annex 7: Model contract for billing

Appendix 2 to the criteria recording must be checked and confirmed by an auditor\*. RAL gGmbH appoints auditors with the support of the Federal Environment Agency (Annex 3).

Place:

Date:

Applicant:

(Authorized signature

and company stamp)

1. One Annex is to be completed for each individual product designation. [↑](#footnote-ref-1)