|  |  |  |
| --- | --- | --- |
| **100** | **General Plant Data** | **Annotations** |
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|  |  |  |
| --- | --- | --- |
| 101 | Project name |       |
| 102 | Customer |       |
| 103 | Contact person |       |
| 104 | Telephone |       |
| 105 | E-Mail |       |
| 106 | Industry/Application |       |

 | 106 Industry/Applicatione.g. utility, mining, agriculture, factory, iron works, tourism |
| **200** | **Location Data** |  |
|

|  |  |  |
| --- | --- | --- |
| 201 | Country |       |
| 202 | City/Location |       |
| 203 | Latitude/Longitude/Altitude |       °       /       °       /       m |

 | **203 Latitude/Longitude/Altitude**e.g. 23.49° S, 46.65°W, 200m above mean sea level |
| **300** | **Electrical Data** |  |
|

|  |  |  |
| --- | --- | --- |
| 301 | Grid configuration | [ ]  3 phase [ ]  3 phase with MV distribution |
| 302 | Low voltage level |       | V |
| 303 | Medium Voltage level |       | kV | [ ]  no MV on site |
| 304 | Nominal frequency |       | Hz |

 | 302 Low Voltage levelIndicate nominal *line-to-line* voltage level of gensets and loads303 Medium Voltage levelIndicate medium voltage level if the system includes a medium voltage distribution. |
| **400** | **Plant Load Data/Consumption** |  |
|

|  |  |  |  |
| --- | --- | --- | --- |
| 401 | Yearly consumption |        | kWh |
| 402 | Minimum load  |       | kWmin  |
| 403 | Maximum load |       | kWmax |
| 404 | Load Profile |
|  |  |  |  |
|  | [ ]  Constant load | [ ]  Daytime load | [ ]  Evening peak |
| 405 | Seasonal variations | [ ]  Yes [ ]  No |
| 406 | Minimum Load (off-season) |       | kWmin  |
| 407 | Maximum Load (off-season) |       | kWmax |

 | 402/403 Minimum/Maximum LoadIf your load varies seasonally, please provide the load of the peak season and indicate variation below (406/407).

|  |
| --- |
| 404 Load profileThe load profile is an essential input for a reliable design proposal. It is preferable to have a detailed load profile attached including possible seasonal variations. |

**406/407 Minimum/Maximum Load (off-season)**Only fill out if seasonal variations exist. |
| **500** | **Genset Configuration (Grid Feeding Systems)** |  |
|

|  |  |  |
| --- | --- | --- |
| 501 | Fuel type |       |
| 502 | Genset information |
|  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Power rating (per genset) |       |       |       |       |       | kVA |
| Fuel consumption (@100% load) |       |       |       |       |       | l per h |
| Quantity |       |       |       |       |       | units |

 |
| 503 | Annual fuel consumption |       | liters |
| 504 | Genset controller model |       |
| 505 | Modbus/TCP interface | [ ]  Yes [ ]  No |

 | 501 Fuel Typee.g. Diesel (light or heavy), natural gas, etc.502 Genset informationYou may include up to five different genset types (for other configurations please attach an additional description).Quantity: The number of units having these characteristics.**504 Genset controller model**Manufacturer and model505 Modbus/TCP interfaceCheck if the genset/powerhouse/supervisory system controller(s) provide a Modbus/TCP communication interface |
| **700** | **Other Energy Sources (e.g. utility grid)** |  |
|

|  |  |  |
| --- | --- | --- |
| 701 | Description |       |
| 702 | Power Rating |       | kVA |

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