|  |  |  |  |
| --- | --- | --- | --- |
| **100** | **General Plant Data** | | **Annotations** |
| |  |  |  | | --- | --- | --- | | 101 | Project name |  | | 102 | Customer |  | | 103 | Contact person |  | | 104 | Telephone |  | | 105 | E-Mail |  | | 106 | Industry/Application |  | | | | 106 Industry/Application  e.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 level  Indicate nominal *line-to-line* voltage level of gensets and loads  303 Medium Voltage level  Indicate 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 Load  If your load varies seasonally, please provide the load of the peak season and indicate variation below (406/407).   |  | | --- | | 404 Load profile  The 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 Type  e.g. Diesel (light or heavy), natural gas, etc.  502 Genset information  You 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 model  505 Modbus/TCP interface  Check 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 | | | |  |