

## Energeniaal Multi-Site Power Monitoring Solution

There are two files this application uses, one is a user **config** file for the settings of the application, the other is the sql database which stores the historical data **HistoryData**

The location of the files will be similar to:

C: \Documents and Settings\Your ID\Local Settings\Application Data\Energeniaal\

Config file config [config file attribute set to open with notepad]

Database file HistoryData [s3db] file set to open with Energeniaal]

The config file is as follows on our test system.

### Config File Original Data

```
<?xml version="1.0" encoding="utf-8"?>
<configuration>
  <userSettings>
    <Energeniaal.Properties.Settings>
      <setting name="LogToFile" serializeAs="String">
        <value>False</value>
      </setting>
      <setting name="FullLogFilePath" serializeAs="String">
        <value />
      </setting>
      <setting name="ChartMinutes" serializeAs="String">
        <value>30</value>
      </setting>
    </Energeniaal.Properties.Settings>
  </userSettings>
</configuration>
```

### Config File Client Data

```
<?xml version="1.0" encoding="utf-8"?>
<configuration>
  <userSettings>
    <Energeniaal.Properties.Settings>
      <setting name="LogToFile" serializeAs="String">
        <value>False</value>
      </setting>
      <setting name="FullLogFilePath" serializeAs="String">
        <value />
      </setting>
      <setting name="ChartMinutes" serializeAs="String">
        <value>30</value>
      </setting>
      <setting name="CustomSensorNames" serializeAs="Xml">
        <value>
          <ArrayOfString xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
```

```
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <string>1;P1 P2 L1 Circuits</string>
  <string>2;Shed Oven OP1</string>
  <string>3;300L Chest Freezer</string>
  <string>4;250L Pope Fridge</string>
  <string>5;Office Power</string>
  <string>6;Entertainment #1</string>
  <string>7;Entertainment #1</string>
  <string>8;Caravan</string>
  <string>9;Spare</string>
</ArrayOfString>
</value>
</setting>
</Energeniaal.Properties.Settings>
</userSettings>
</configuration>
```

### **Workaround - Renaming Of Files**

The name of both files is preset via the application. So the workaround is to rename the file after the application has closed, to match your client.

Firstly though it is a good idea to save a copy of both of the original files.

configORIG HistoryDataORIG

On the first run of the application the data is going to be saved and on exiting the program both of the files can be saved to match the clients setup.

So rename the files such as configCLIENT1 HistoryDataCLIENT1

Both the ORIG files now can be copied and renamed to config & HistoryData

By using this similar approach it is possible to save multi-client data.