



How to Transfer PQube Data into the Report Writer Program

Power Sensors Ltd.

980 Atlantic Ave. Suite #100
Alameda, CA 94501 USA
Tel: ++1-510-522-4400
Fax: ++1-510-522-4455

The Report Writer program does not require a third party database or any programming. It simply uses the data from your PQube to create a report. The Report Writer was originally designed to read data directly off the SD card. However, we understand that your PQube may be installed at a remote site where you do not have physical access to the SD card. With the PQube's network capabilities, you can download files to your computer to be used in the Report Writer program. Here are the different ways to retrieve the files needed to create a report.

Direct Access via the SD Card

The simplest way is to retrieve files directly from the SD card. Insert the SD card into your computer. Note that when you remove the SD card from your PQube, your PQube will stop measuring and collecting data. To minimize your PQube's downtime, copy over the entire **<year> directory** from the SD card onto your computer. In the Report Writer program, import the files either directly from the SD card or your computer's hard drive.

Remote Access via E-mail, FTP, HTTP

You can retrieve the files you need to generate your report without having physical access to your PQube. For example, your PQube is installed at a remote site and/or you do not want to experience any downtime on your PQube when removing the SD card. Use E-Mail, FTP and/or HTTP to download the files to your computer. In the Report Writer program, import the files from your computer's hard drive.

- **Via E-Mail**

If your PQube is set up to email you trends and event files, download the E-Mail attachments to your computer. Note that the Report Writer program uses the same file directory structure found on your SD card. Therefore, you will need to create the **<year> folder (& sub-folders)** exactly as it appears on your SD card and then copy/move the files over to the appropriate folders. If you need help with setting up E-mail on your PQube, refer to the 2.1 User Manual or contact support@powerstandards.com.

- **Via FTP**

You can use FTP (File Transfer Protocol) to download files and folders from your PQube to your computer. You will need to install a FTP client on your computer such as CoreFTP or Filezilla. If you need help with setting up FTP on your PQube, refer to the 2.1 User Manual or contact support@powerstandards.com.

- **Via HTTP**

If you have access to your PQube's web page, you can download the individual trends and event files located in the **"Trends/Statistics" and "Events" menu** to your computer. Note that the Report Writer program uses the same file directory structure found on your SD card. Therefore, you will need to create the **<year> folder (& sub-folders)** exactly as it appears on your SD card and then copy/move the files over to the appropriate folders. If you need help with accessing your PQube's web page, refer to the 2.1 User Manual or contact support@powerstandards.com.

The Report Writer File Directory Structure

The Report Writer program uses the PQube's **Trends, Events and Harmonics files** to generate a report. These files are written to and stored on the SD card in the **/<year> folder**. It is important that when you transfer or download your PQube data to be used in the Report Writer program, the files need to follow the same file directory structure and naming convention as on your SD card. Below is an example of the file directory structure and files (highlighted) where the Report Writer program pulls its data from.

Daily Trends

Name	Date modified	Type	Size
2015-05-01 Statistics	5/2/2015 12:02 AM	Microsoft Excel C...	55 KB
2015-05-01 Trends	5/2/2015 12:02 AM	Microsoft Excel C...	1,522 KB
L1(A) Harmonics	5/1/2015 11:50 PM	Microsoft Excel C...	222 KB
L1-N(V) Harmonics	5/1/2015 11:50 PM	Microsoft Excel C...	222 KB

Name	Date modified	Type	Size
TrendStat	5/2/2015 12:02 AM	Chrome HTML Do...	17 KB
TrendStat	5/2/2015 12:02 AM	Text Document	5 KB
TrendStat	5/2/2015 12:02 AM	XML Document	15 KB

Weekly Trends

Name	Date modified	Type	Size
2015-CW12 Statistics	3/23/2015 12:05 AM	Microsoft Excel C...	56 KB
2015-CW12 Trends	3/23/2015 12:05 AM	Microsoft Excel C...	1,619 KB

This screenshot shows a Windows Explorer window with a file list. The left sidebar shows the navigation pane with 'Computer' expanded to '2015' > '2015 Weekly Trends-St' > '2015-CW12' > 'Graphs' > 'Spreadsheets'. The main pane displays a table of files:

Name	Date modified	Type	Size
TrendStat	3/23/2015 12:05 AM	Chrome HTML Do...	17 KB
TrendStat	3/23/2015 12:05 AM	Text Document	5 KB
TrendStat	3/23/2015 12:05 AM	XML Document	15 KB

Monthly Trends

This screenshot shows a Windows Explorer window with a file list. The left sidebar shows the navigation pane with 'Computer' expanded to '2015' > '2015 Weekly Trends-Stats' > 'Month 03' > '2015-03 Trends-Stats' > 'Spreadsheets'. The main pane displays a table of files:

Name	Date modified	Type	Size
2015-03 Statistics	4/2/2015 9:46 PM	Microsoft Excel C...	55 KB
2015-03 Trends	4/2/2015 9:45 PM	Microsoft Excel C...	2,879 KB

This screenshot shows a Windows Explorer window with a file list. The left sidebar shows the navigation pane with 'Computer' expanded to '2015' > '2015 Weekly Trends-Stats' > 'Month 03' > '2015-03 Trends-Stats' > 'Spreadsheets'. The main pane displays a table of files:

Name	Date modified	Type	Size
TrendStat	4/2/2015 9:46 PM	Chrome HTML Do...	16 KB
TrendStat	4/2/2015 9:46 PM	Text Document	5 KB
TrendStat	4/2/2015 9:46 PM	XML Document	15 KB

Events

- ★ Favorites
- Libraries
- Computer
 - Local Disk (C:)
 - DVD RW Drive (D:)
 - PQUBE_SD_28 (F:)
 - 2015
 - Month 05
 - 2015-05 Trends-Stats
 - Day 25
 - 2015-05-25 Trends-Stats
 - T 12-00-00-006 Snapshot
 - T 20-50-32-622 Voltage Sag
 - Graphs
 - Spreadsheets
 - Summaries

Name	Date modified	Type
2015-05-25 (T 20-50-32-622)Voltage Sag RMS	5/25/2015 8:54 PM	GIF image
2015-05-25 (T 20-50-32-622)Voltage Sag Waveform	5/25/2015 8:53 PM	GIF image

- ★ Favorites
- Libraries
- Computer
 - Local Disk (C:)
 - DVD RW Drive (D:)
 - PQUBE_SD_28 (F:)
 - 2015
 - Month 05
 - 2015-05 Trends-Stats
 - Day 25
 - 2015-05-25 Trends-Stats
 - T 12-00-00-006 Snapshot
 - T 20-50-32-622 Voltage Sag
 - Graphs
 - Spreadsheets
 - Summaries

Name	Date modified	Type	Si
Event	5/25/2015 8:50 PM	Chrome HTML Do...	
Event	5/25/2015 8:50 PM	Text Document	
Event	5/25/2015 8:50 PM	XML Document	