How to get the Erthmeter data and display on GCP Dashboard?

1. SFTP (not FTP!) to the server using the following info:

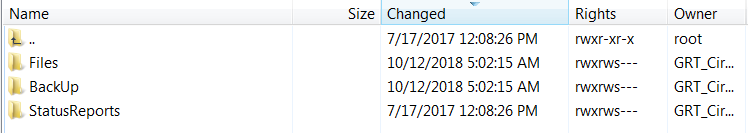
 UserName = GRT\_Circle

Password = meCLu%M6

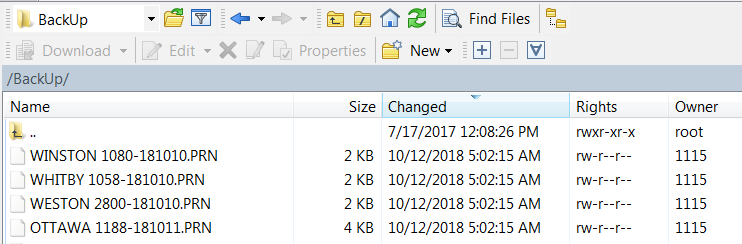
HostName = [transfers.meterdataservices.com](http://transfers.meterdataservices.com)

Portnumber 22

1. 登录后可以看到三个文件夹



1. 在Backup目录下面可以看到很多站点的PRN文件, 这些PRN文件可以使用任何文本编辑器打开。



\*A PRN file is a text file created by the Lotus 1-2-3 spreadsheet software. It contains an export of the currently-active sheet and is saved in a plain text format. PRN files can be used for importing spreadsheet data into other programs, such as Microsoft Excel.

4. The PRN files' format is:

"RECORDER ID","  DATE","","","IN","UM","CH","TYP","01:00"     ,"02:00"     ,"03:00"    ,......,"23:00"     ,"24:00"       
"WINSTON 1080  ",181010,0001,2400,60,01,01,"  KW",       0.000,       0.000,       0.000,......,       0.000,       0.000  
"WINSTON 1080  ",181010,0001,2400,60,03,02,"  KW",       0.000,       0.000,       0.000,......,       0.000,       0.000  
"WINSTON 1080  ",181010,0001,2400,60,01,03,"  KW",       0.000,       0.000,       0.000,......,       0.000,       0.000  
"WINSTON 1080  ",181010,0001,2400,60,03,04,"  KW",       0.000,       0.000,       0.000,......,       0.000,       0.000

* Back up folder is where you want to get you data regularly, it’s complete.  No need to worry about when they transfer it since back up folder is usually the complete one.
* Pulling interval – we can start once a week.
* There is no regular upload interval as I know of
* Also when a batch of data is uploaded, all might have the same amount of data (same # of days) but 1 or 2 sites might have lesser or more days.
* This is hourly so no need for conversions to kWh.

Parameters are:

Channels

                             1 – kW Load

                             2 – kVAR Load

                             3 – kW Generation

                            4 – kVAR Generation

"RECORDER ID" – Site Name/ store ID

"DATE" – Date

 "0001" – 1 min after 12am

"2400" – 12:00 am (Time Range)

  "IN"  - Time Interval 60mins (Hourly Data)

  "UM"  - Units of Measurement 1 for kW and 3 for kVAR

  "CH"  - Channel (Inputs/ see above)

  "TYP” – Units ( Channel 2 and 4 should be kVAR)

We use Channel 3 (kW generation) Measurement 1(kW). Timezone are in EST (never changes).

1. 目前先每周到这个站点取一次数据，然后保存到GCP服务器上的数据中，以后会开发相应报表功能。