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ePlus Mobile
User Manual

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1. Introduction

The ePlusMobile allows complete control of all procedures related to Meters mobile control and management, particularly:

- Reading
- Detachment
- Reconnection
- Meter Prepay Configuration
- Meter Credit Read
- Load Profile

And

- Meter Credit Charge
- Change (allows to modify Tariff and / or Contract Change)

	Generation on smartphone	Generation on website
Reading	X	
Detachment	X	
Reconnection	X	
Prepay Configuration		X
Prepay Credit Read	X	X
Prepay Credit Charge		X
Tariff/Contract Change		X
Load Profile	X	

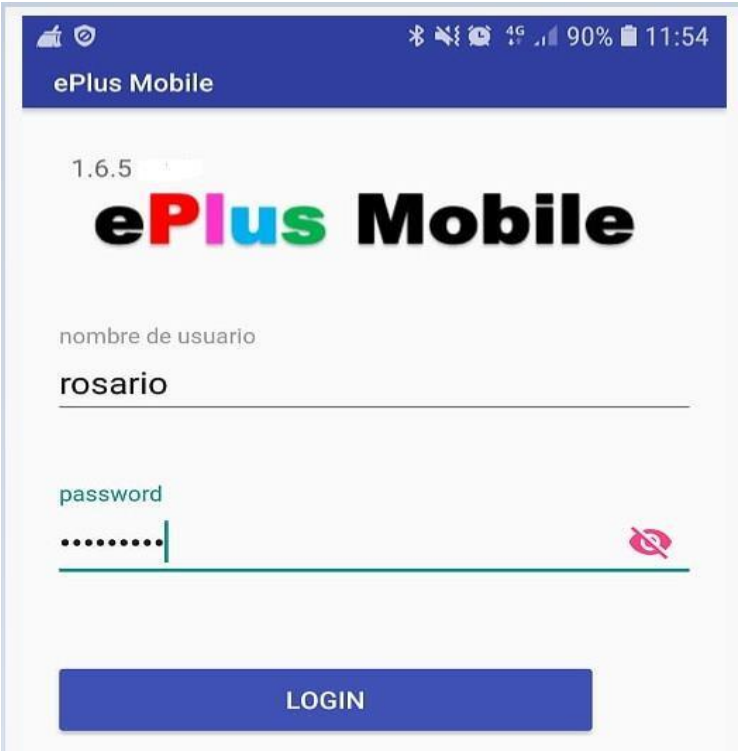
2. ePlus Mobile Main Features

The ePlus Mobile system is characterized by a set of basic objects and forms for accessing to the system functionalities, the following paragraphs describe the Common forms for accessing to the basic system features, also their associated objects are detailed. There are three common generic forms:

- Conexion
- Trabajo
- Ejecutado

3. Login

After downloading and installing the eplus Mobile app, this will be the first screen



Before entering the login credentials, verify that the user is entered in the correct group. Only users in the Mobile User Group will be able to access the app's features.

4. Conexiòn

After correctly entering the user's credentials, the app's functionality can be accessed.
In order to use ePlus Mobile, it is essential that Bluetooth is activated in the mobile phone.
Only then will it be possible to connect to the "Bird"

Insert the BIRD in the meter , the led light will be red.

Now click on “SCAN” on ePlus Mobile app, and select a Bird (remember to have bluetooth enabled on your phone)

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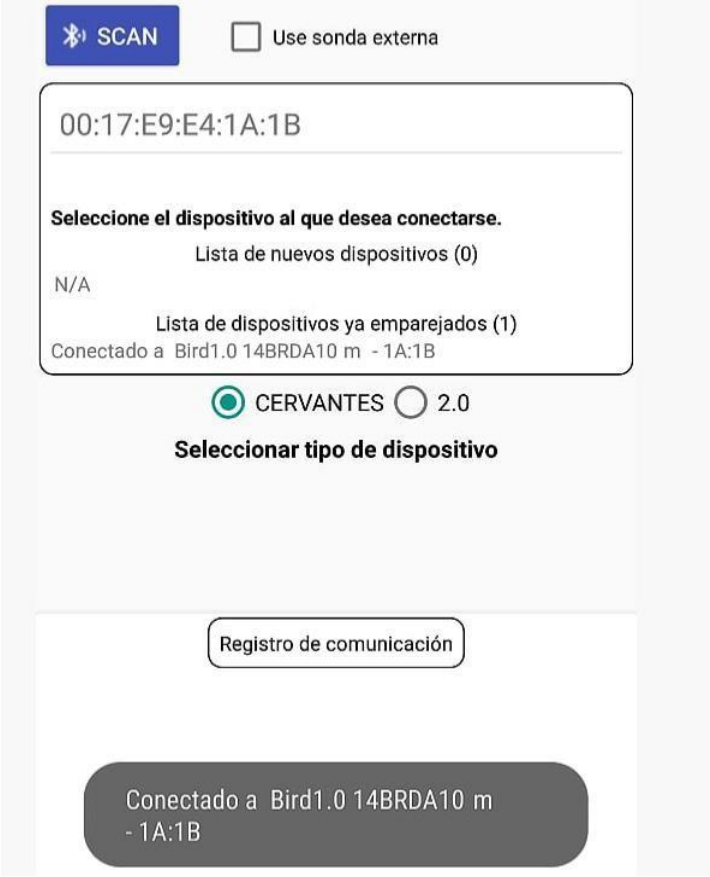

Now the bird's LED light will be green

If the "sonda externa" is used, it is necessary to flag the field, and repeat the steps:

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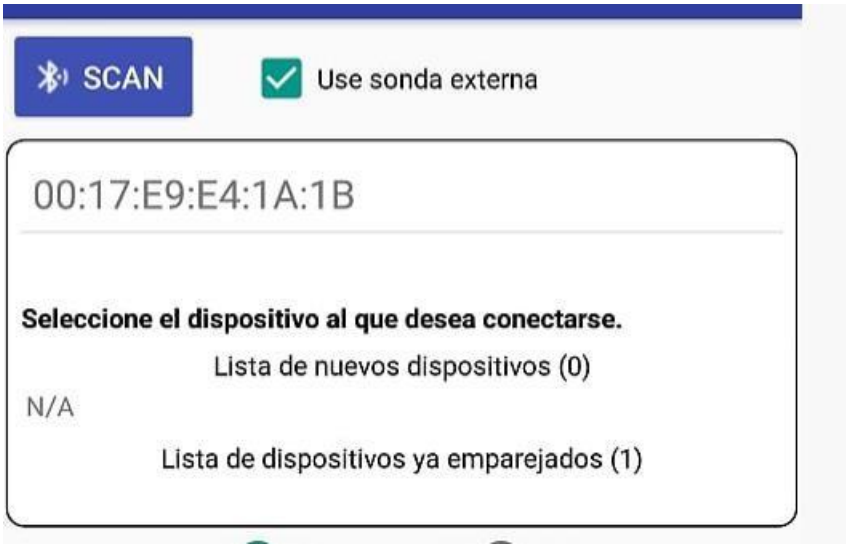
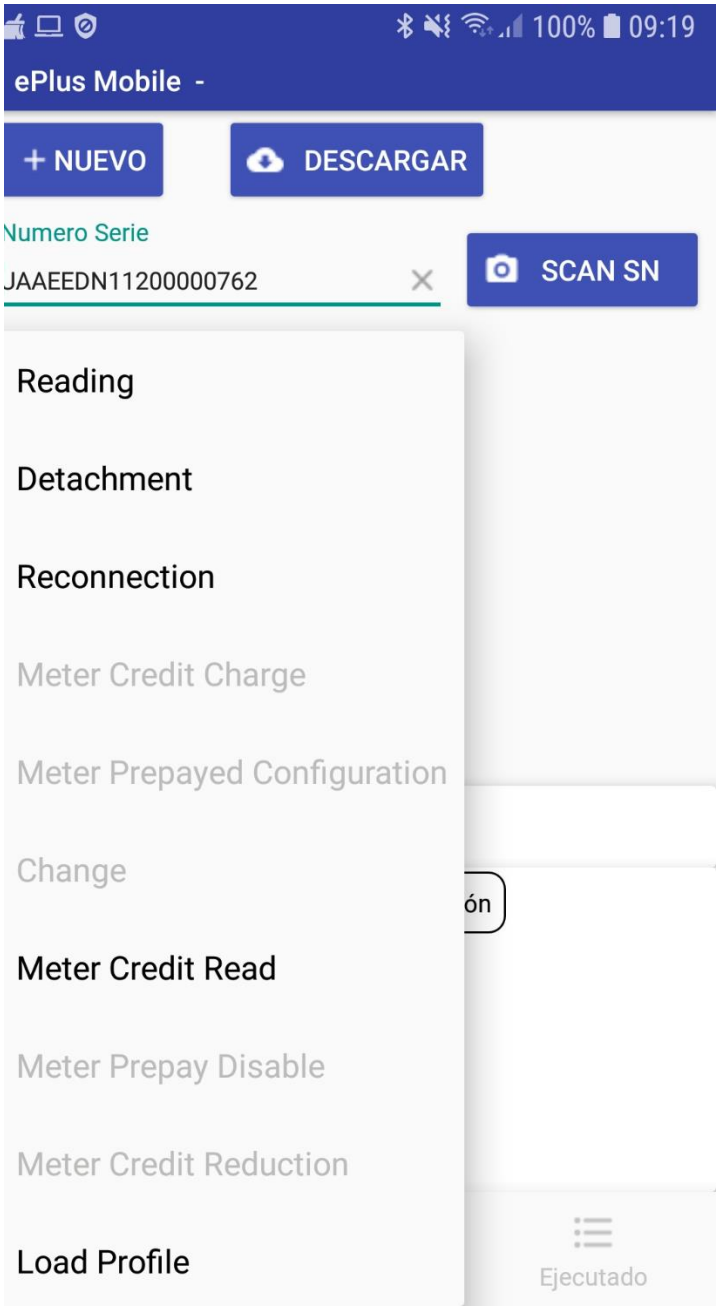


5. Trabajo: +NUEVO

Once the connection is established correctly, between the app and the BIRD, it will be possible to start with the work.
As shown in the figure below, we have 2 buttons: "+ NUEVO" and "DESCARGAR".

Let's start with the first one, "+ NUEVO".
By clicking on this we have 2 possibilities; or manually insert the "Series Number" or alternatively by clicking on "SCAN SN", simply scan the meter serial number to be able to acquire it.

Once the serial number has been entered, it is now possible to choose the operation to be performed, as shown in the drop-down menu shown in the image below.



The operations in gray , “Meter Credit Charge” and “Change” cannot be performed directly from a smartphone, but the work must be created from SMM ePlus, and subsequently executed by downloading them by clicking on the "DESCARGAR" button.

For example Reading, select from menu and than click on start.

At the end of the reading work, if everything went well, it will be shown as in the image below

The pop-up shows the data of the reading taken, furthermore there is the possibility of being able to view it in CSV format

After you can check on SMM ePlus, in the report "Last current reading for meters" the work that has been done

filter by serialnumber value UAAEEDN11200129695 View Repor

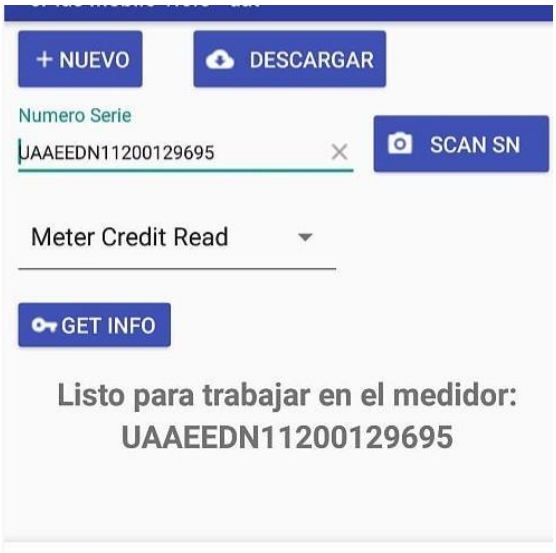
1 of 1 Find | Next

Last current reading for meters

Offset minutes from UTC: 60

concentrator	usagepoint	macaddress	serialnumber	version app1	state	process state	t1	t2	t3	t4	t5	t6	tot	reading date local	last
ROSSOT01	ROSSO0003	86041601FA9F	UAAEEDN11200129695	3131	Commissioned		55134	312258	981227	172	1043	2309	1352143	11/20/2019 3:27:19 PM	11/

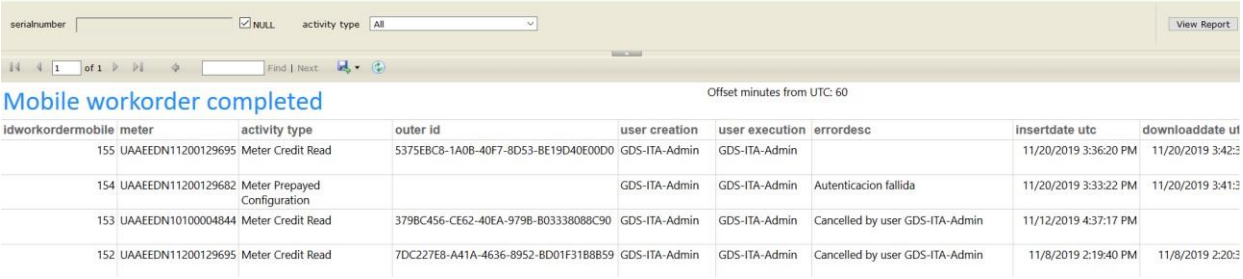
Another example with “Meter Credit Read”, select from menu and than, click “Start”



At the end of the "work" a pop up will be shown with all the data :

With the same procedure you can do the remaining necessary operations: **Detachment**, **Reconnection**, **Meter Prepayed Configuration**

For all these activities it is possible to check the reports on SMM ePlus : "**Mobile workorder completed**"



Mobile workorder completed

Offset minutes from UTC: 60

idworkordermobile	meter	activity type	outer id	user creation	user execution	errordesc	insertdate utc	downloaddate ut
155	UAAEEDN11200129695	Meter Credit Read	5375EBC8-1A0B-40F7-8D53-BE19D40E00D0	GDS-ITA-Admin	GDS-ITA-Admin		11/20/2019 3:36:20 PM	11/20/2019 3:42:3
154	UAAEEDN11200129682	Meter Prepayed Configuration		GDS-ITA-Admin	GDS-ITA-Admin	Autenticacion fallida	11/20/2019 3:33:22 PM	11/20/2019 3:41:3
153	UAAEEDN10100004844	Meter Credit Read	379BC456-CE62-40EA-979B-B03338088C90	GDS-ITA-Admin	GDS-ITA-Admin	Cancelled by user GDS-ITA-Admin	11/12/2019 4:37:17 PM	
152	UAAEEDN11200129695	Meter Credit Read	7DC227E8-A41A-4636-8952-BD01F31B8B59	GDS-ITA-Admin	GDS-ITA-Admin	Cancelled by user GDS-ITA-Admin	11/8/2019 2:19:40 PM	11/8/2019 2:20:3

and "**Commercial workorder completed**" (only *Prepay configuration* is not present because is a technical work) where the "**is mobile**" column indicates whether it was executed by the mobile application or by the site

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pod ☑ NULL serialnumber ☑ NULL

from [enddate] 20/11/2019 to [enddate] 20/11/2019

activity type All

1 of 1 Find | Next

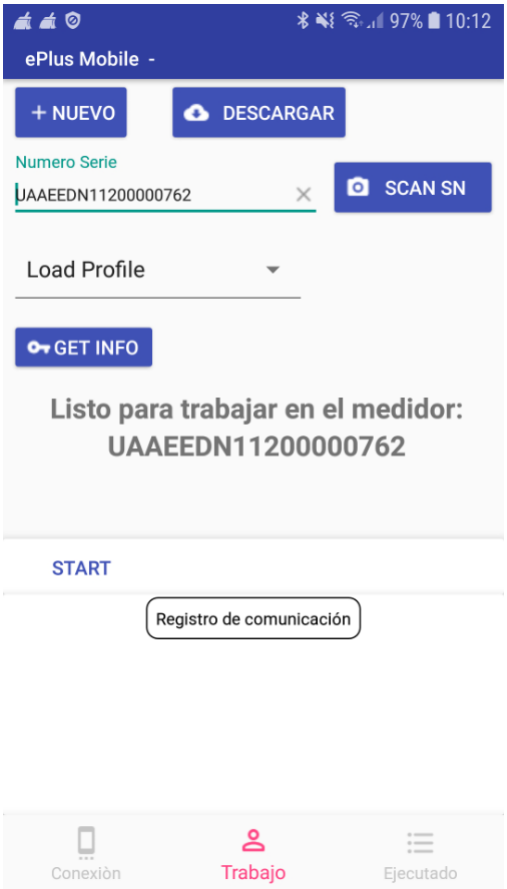
Commercial workorder completed

Offset minutes from UTC: 60

idwo	user	pod	meter	activity type	contract profile	tariff profile	contract state	enddate utc	enddate local	is mobile
3560	GDS-ITA-Admin	ROSSO0003	UAAEEDN11200129695	Meter Credit Read				11/20/2019 3:43:01 PM	11/20/2019 4:43:01 PM	True
3558	Ripa	ROSSO0003	UAAEEDN11200129695	Meter Credit Read				11/20/2019 2:27:23 PM	11/20/2019 3:27:23 PM	True
3557	Ripa	ROSSO0003	UAAEEDN11200129695	Reading				11/20/2019 2:26:34 PM	11/20/2019 3:26:34 PM	True
3554	GDS-ITA-Admin	VIOLA0014	UAAEEDN10100027282	Reading				11/20/2019 10:36:18 AM	11/20/2019 11:36:18 AM	False
3553	GDS-ITA-Admin	GIALLO002	UAAEEDN10100027236	Reading				11/20/2019 10:27:46 AM	11/20/2019 11:27:46 AM	False

5.1 LOAD PROFILE

After identifying the meter, it will be possible to download the LP of the same.
Just click the "Load Profile" item on the drop-down menu, click “GET INFO” and then “START”



The LPs will be those that the meter has configured through its profile, and can have “Active Forward” and “Reactive Forward” energies.

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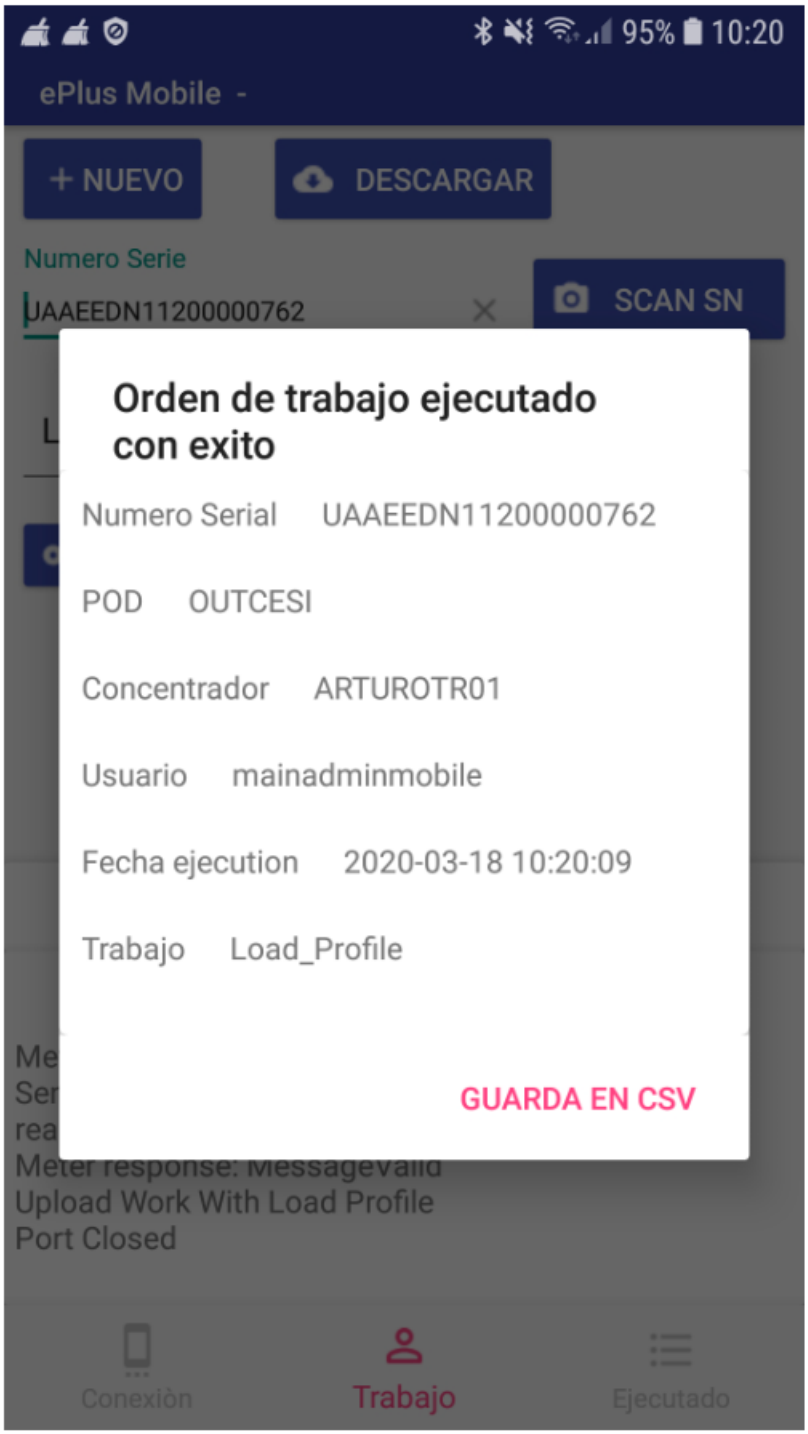
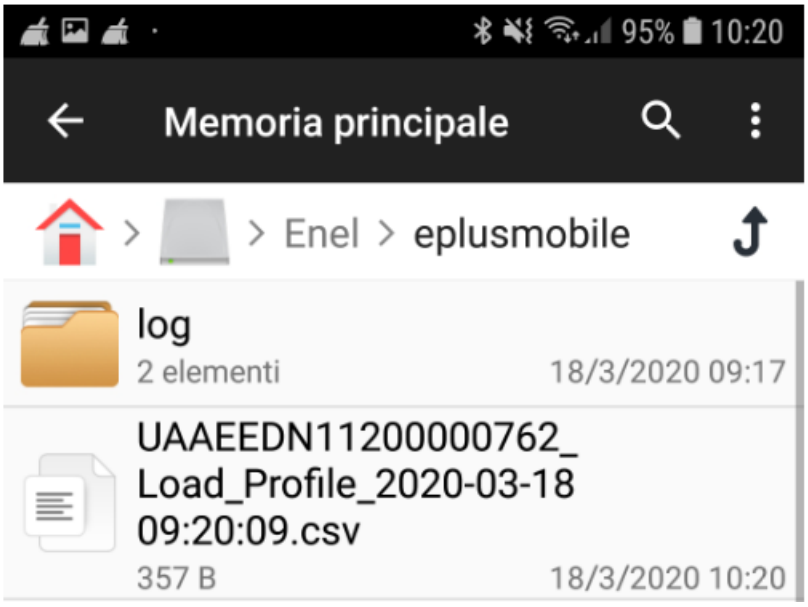
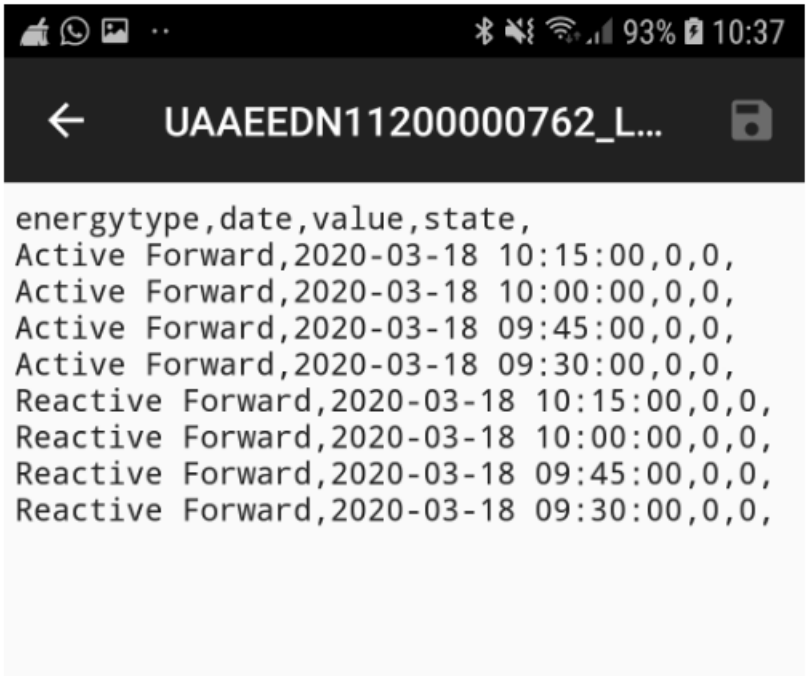


It will be possible to view them on a csv file, click on “GUARDA EN CSV”

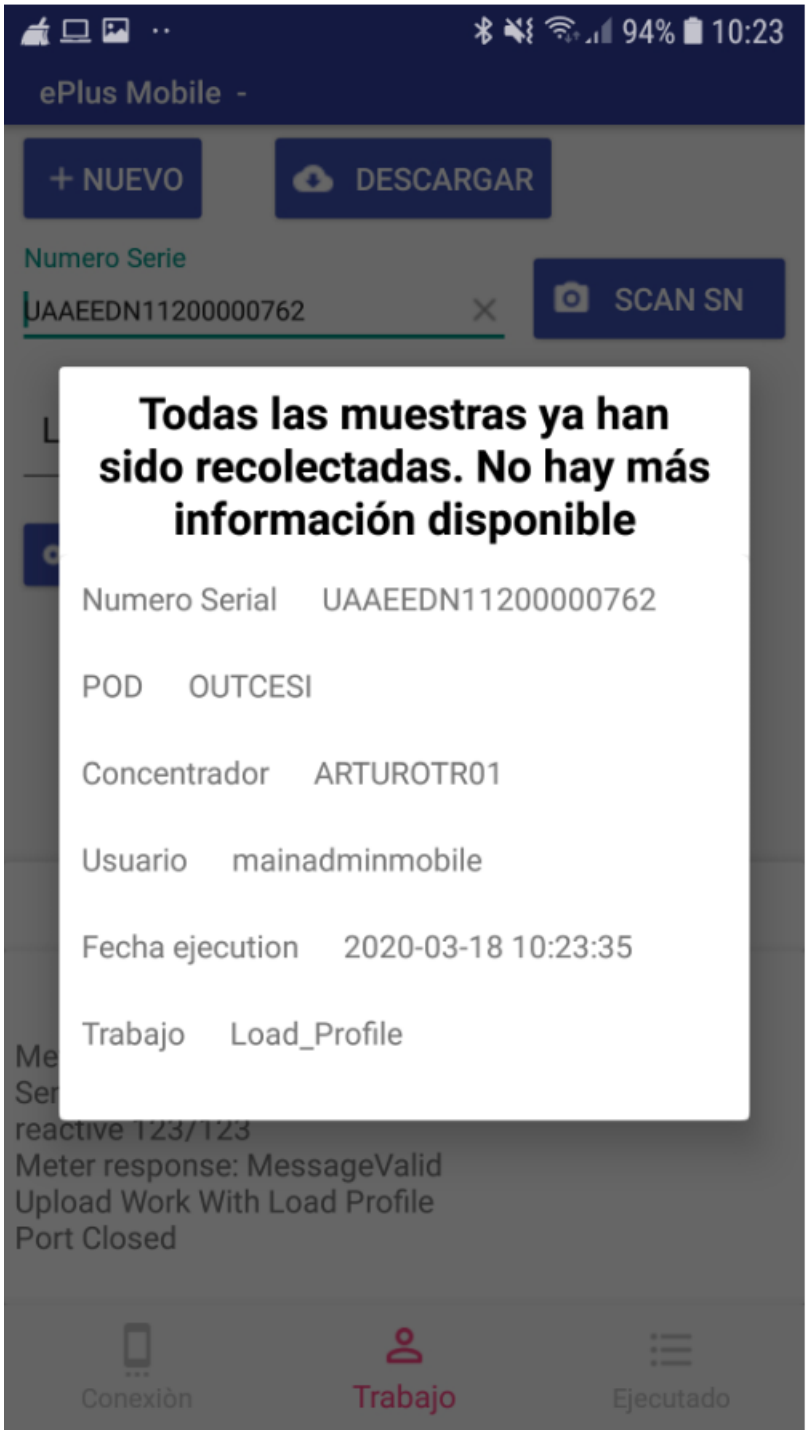
On the mobile go on path: Enel→eplusmobile



Here find the file, the files will be formed by the serial number of the meter, the action taken and the date.



If there are no new readings to download, this message will be displayed when finished



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On SMM ePlus, you can see in the report "Mobile workorder completed", all completed jobs

serialnumber UAAEEDN11200000762 NULL activity type Load Profile

1 of 1 Find | Next

Mobile workorder completed

Offset minutes from UTC: 60

idworkordermobile	meter	activity type	outer id	user creation	user execution	errordesc	insertdate utc	downloaddate utc	enddate utc	insertdate local	do
	UAAEEDN11200000762	Load Profile		Ripa	Ripa		3/18/2020 9:23:37 AM		3/18/2020 9:23:35 AM	3/18/2020 10:23:37 AM	
	UAAEEDN11200000762	Load Profile		Ripa	Ripa		3/18/2020 9:20:09 AM		3/18/2020 9:20:09 AM	3/18/2020 10:20:09 AM	
	UAAEEDN11200000762	Load Profile		Ripa	Ripa		3/18/2020 9:17:05 AM		3/17/2020 3:52:25 PM	3/18/2020 10:17:05 AM	
	UAAEEDN11200000762	Load Profile		Ripa	Ripa		3/18/2020 9:17:05 AM		3/17/2020 3:52:25 PM	3/18/2020 10:17:05 AM	
	UAAEEDN11200000762	Load Profile		Ripa	Ripa		3/18/2020 9:11:20 AM		3/17/2020 3:52:25 PM	3/18/2020 10:11:20 AM	
	UAAEEDN11200000762	Load Profile		Ripa	Ripa		3/18/2020 9:11:20 AM		3/17/2020 3:52:25 PM	3/18/2020 10:11:20 AM	
	UAAEEDN11200000762	Load Profile		Ripa	Ripa		3/18/2020 8:21:39 AM		3/18/2020 8:21:39 AM	3/18/2020 9:21:39 AM	
	UAAEEDN11200000762	Load Profile		Ripa	Ripa		3/18/2020 8:18:29 AM		3/17/2020	3/18/2020 9:18:29 AM	

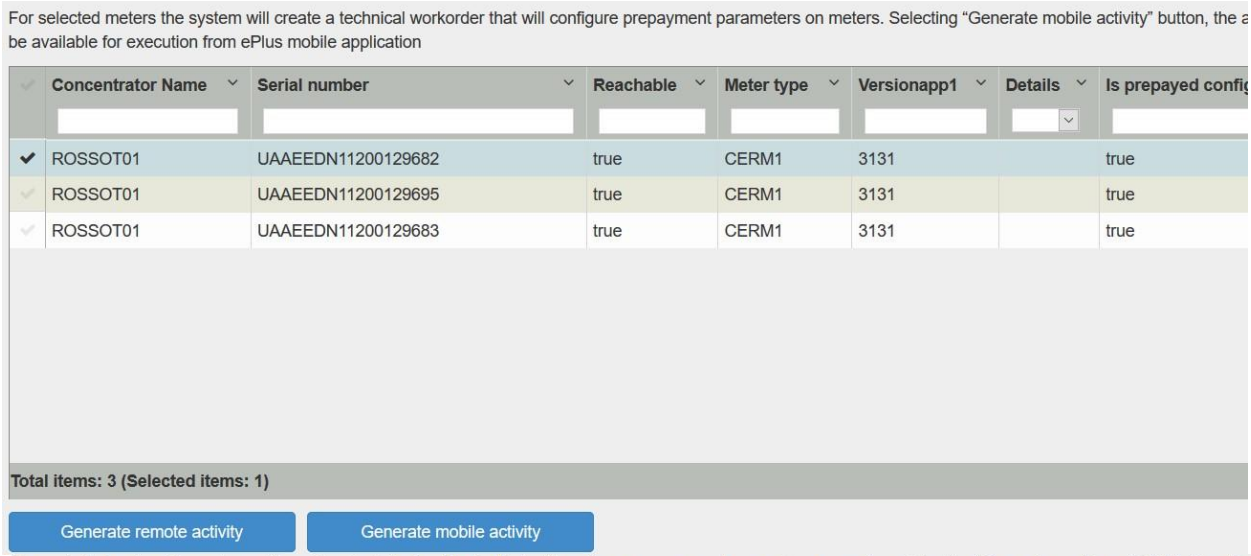
5.2 Trabajo : DESCARGAR

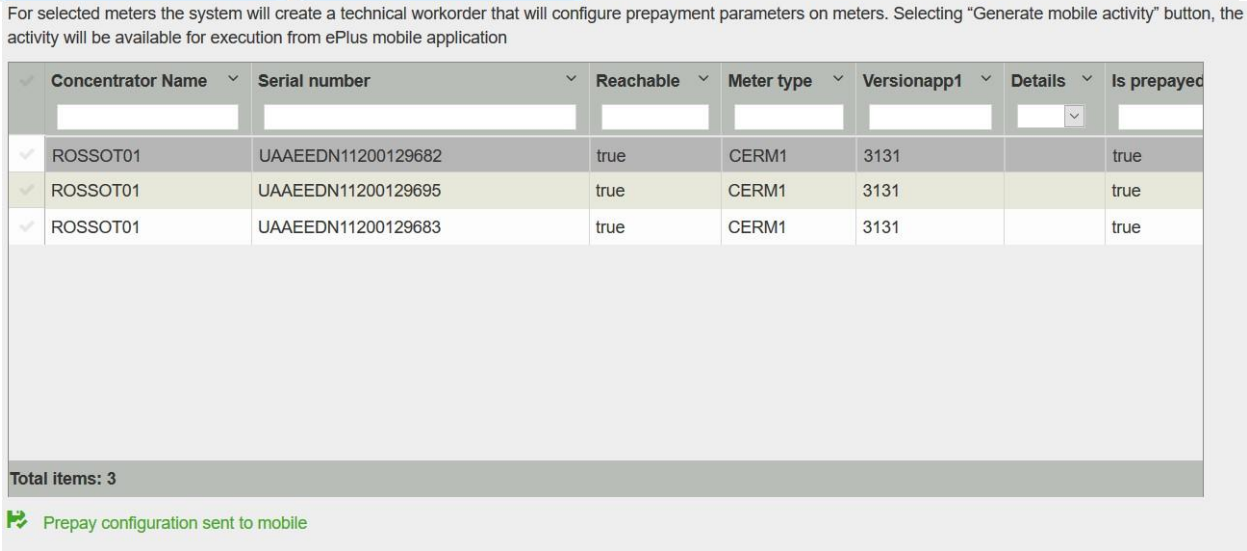
For some operations, it is possible to create a work from the SMM ePlus, and then through the app retrieve the work and execute it.
At the moment it is possible to do it for :

a) **Credit read**
b) **Prepay configuration**
c) **Credit charge**
d) **Contract change**

For these it is sufficient to go to the SMM ePlus and click on "**Generate mobile activity**"

Prepay configuration:





Credit read:

Commissioned meters

POD name	Serial number	Contract state	Concentrator	Breaker state	Contract profile	Tariff profile	WO pen
ROSSO0002	UAAEEDN112001296...	activated	ROSSOT01	connected (100)	Default contract - CERM1	Default tariff -CERM1	false
ROSSO0003	UAAEEDN112001296...	activated	ROSSOT01	detached (0)	Default contract - CERM1	Default tariff -CERM1	true
POD3	UAAEEDN112001296...	activated	ROSSOT01	connected (100)	Default contract - CERM1	Default tariff -CERM1	false

Total items: 3 (Selected items: 1)

Create workorder | Create mobile workorder

Commissioned meters

POD name	Serial number	Contract state	Concentrator	Breaker state	Contract profile	Tariff profile	WO per
ROSSO0002	UAAEEDN112001296...	activated	ROSSOT01	connected (100)	Default contract - CERM1	Default tariff -CERM1	false
ROSSO0003	UAAEEDN11200129...	activated	ROSSOT01	detached (0)	Default contract - CERM1	Default tariff -CERM1	true
POD3	UAAEEDN11200129...	activated	ROSSOT01	connected (100)	Default contract - CERM1	Default tariff -CERM1	false

Total items: 3

Credit read workorder sent for mobile

Credit Charge:

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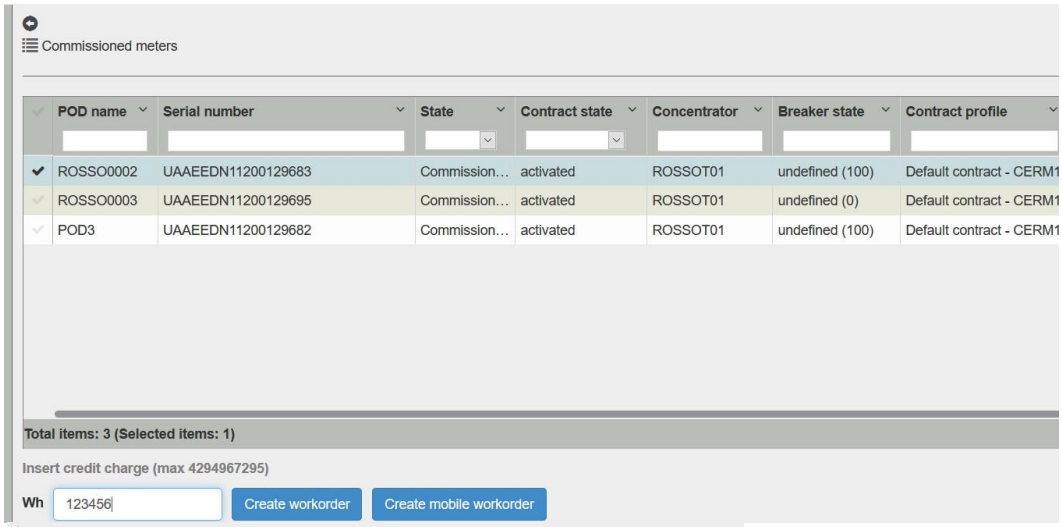
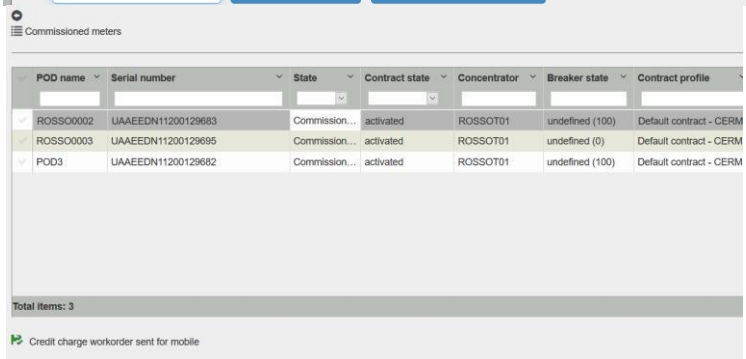
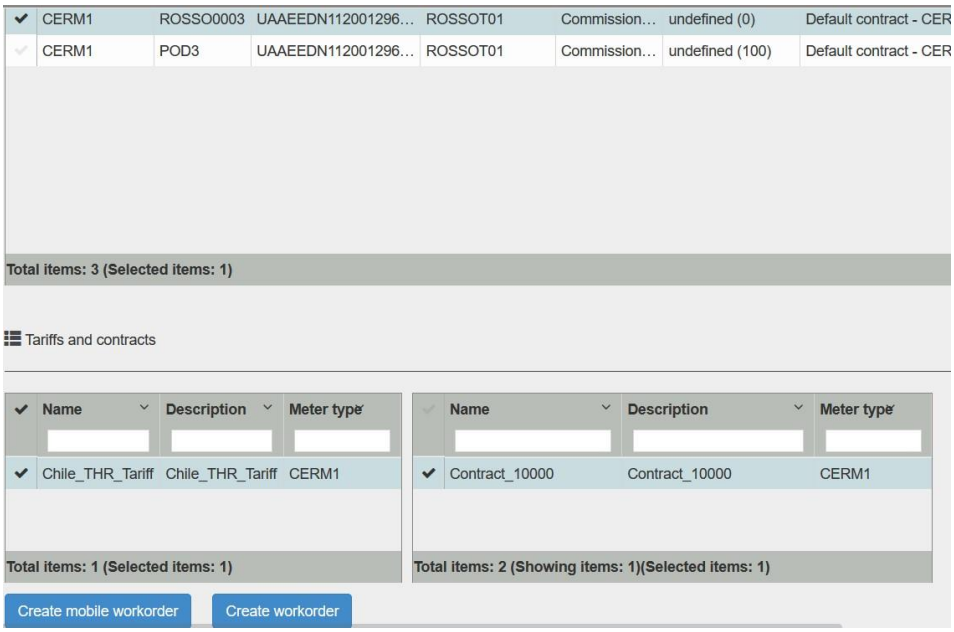
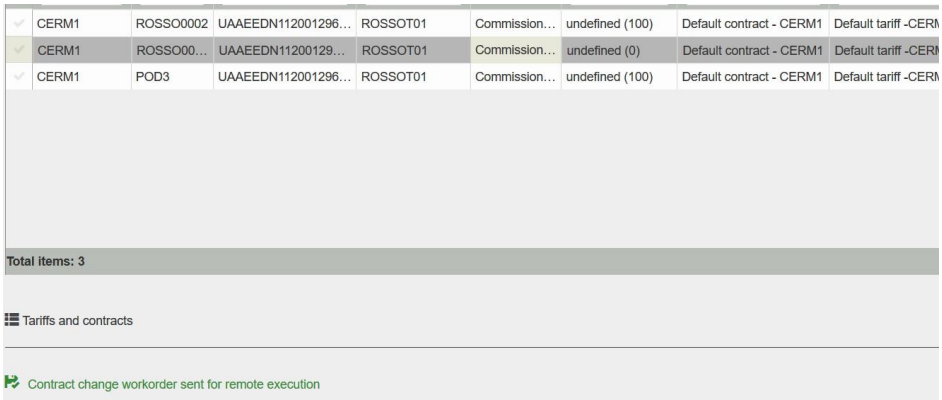


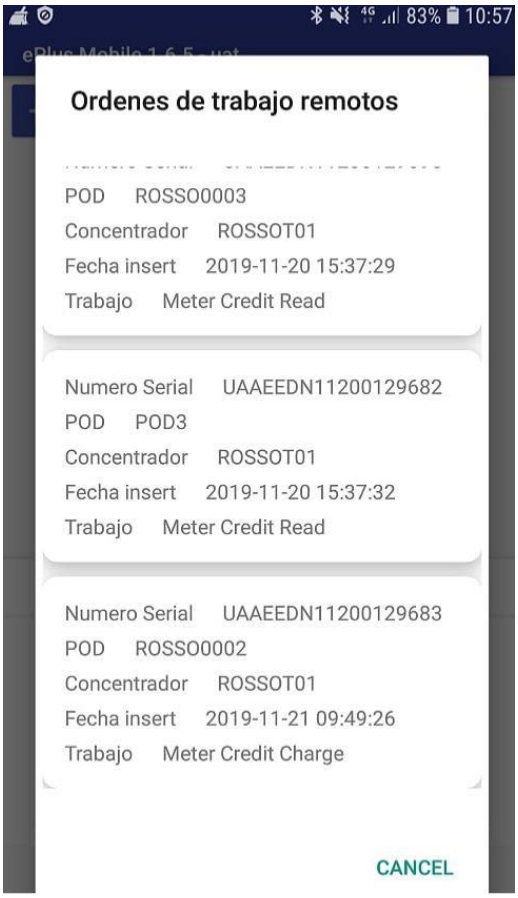


Contract change:

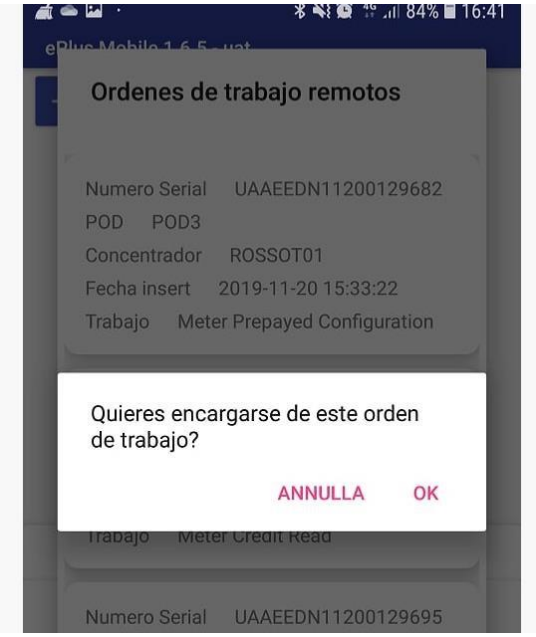




Now from the mobile application it will be possible to recover the work created on SMM ePlus, and complete it.
Clicking on "DESCARGAR", a pop-up will open with a list of the work that can be retrieved and completed.



Clicking on a pop-up order, you will be asked for confirmation to be able to use it



Clicking on “OK”, the data will be recovered and used, it will be sufficient to click on START and the work will be sent (Numero Serie and the type of activity required cannot be changed)

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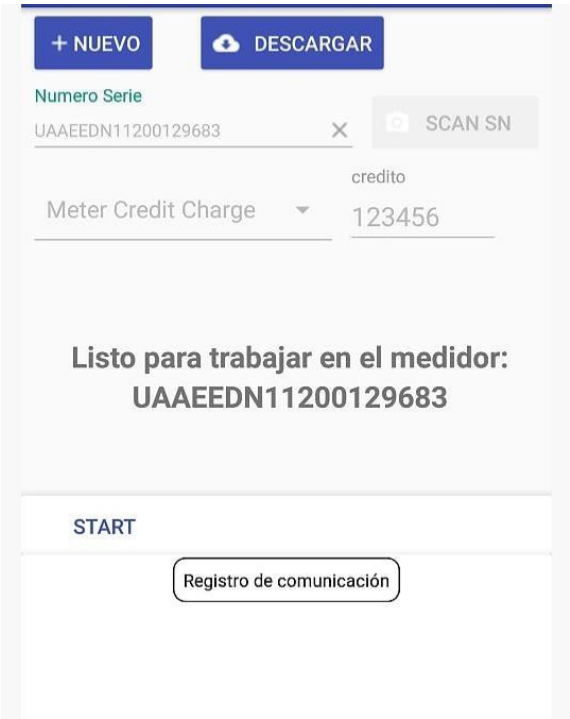
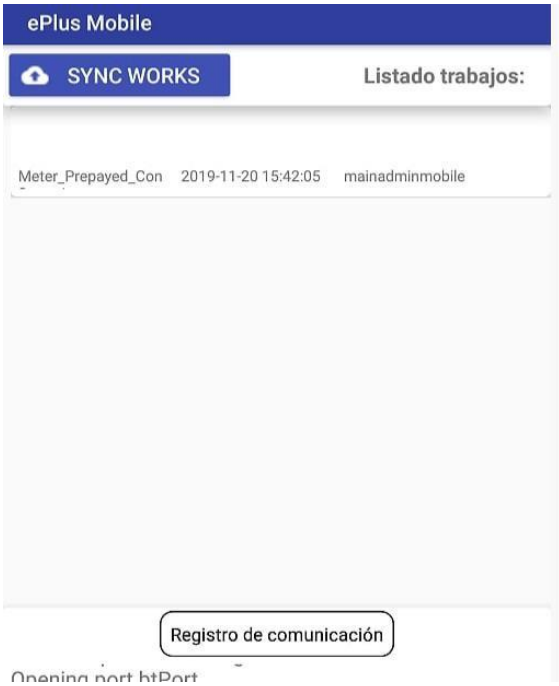


6. Ejecutado

If during the activity there were problems on the data connection, the unfinished work can be recovered in the "**Ejecutado**" section.



Just click on **SYNC** and the orders are sent to be completed.
At the end they will no longer be present in the list

ePlus Mobile
SYNC WORKS
Listado trabajos:
Registro de comunicación