SMMePlus

Meter Outage Check

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Approvato da:		-

Summary

The aim of this document is to describe the Meter Outage Check funcionality in SMMePlus

Distribution List

Document target list

Name	Company

Document modifications

The following modifications refer to the old document versions.

Changes Description	Reference
First version	1.0

References

List of the documents

[1]

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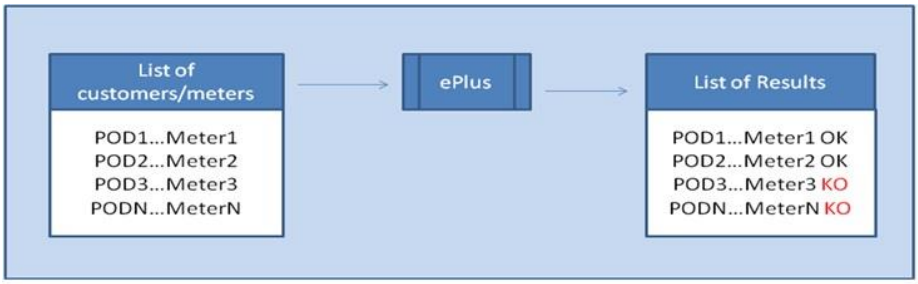
1. Introduction

1.1. Purpose

The aim of this document is to describe the Meter Outage Check functionality in SMMePlus.

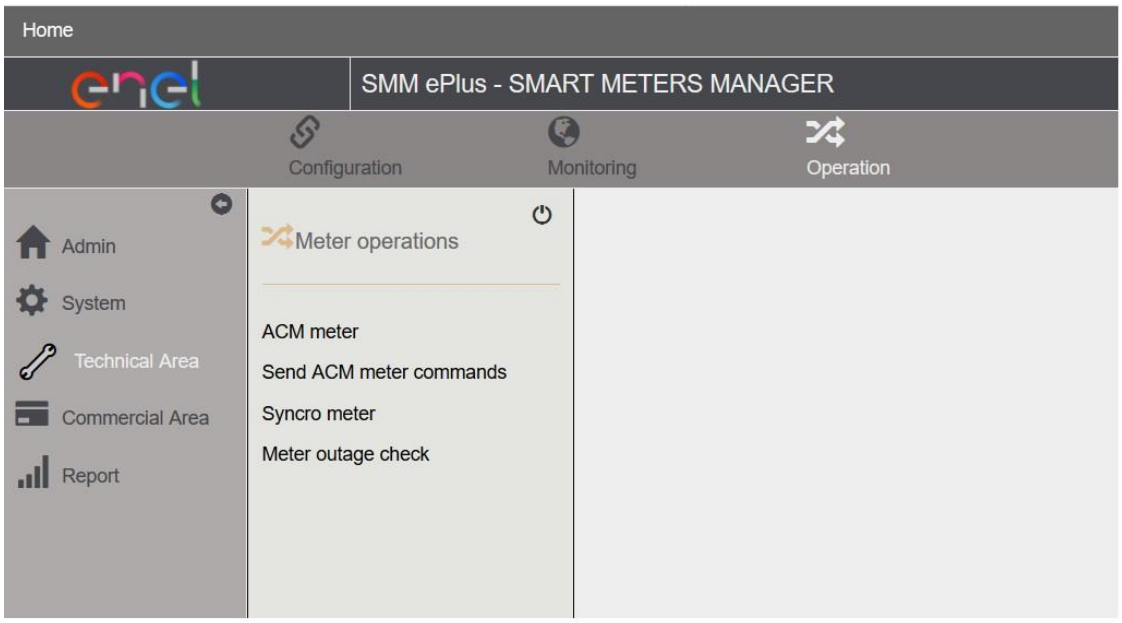
The **Meter Outage Check** feature has been designed in order to allow the SMMePlus user to know in a short time the reachability status of a group of meters.
The system will get in input a list of meters and will show the result of the operation in a dedicated page.
This feature can be useful for managing electrodependent clients.



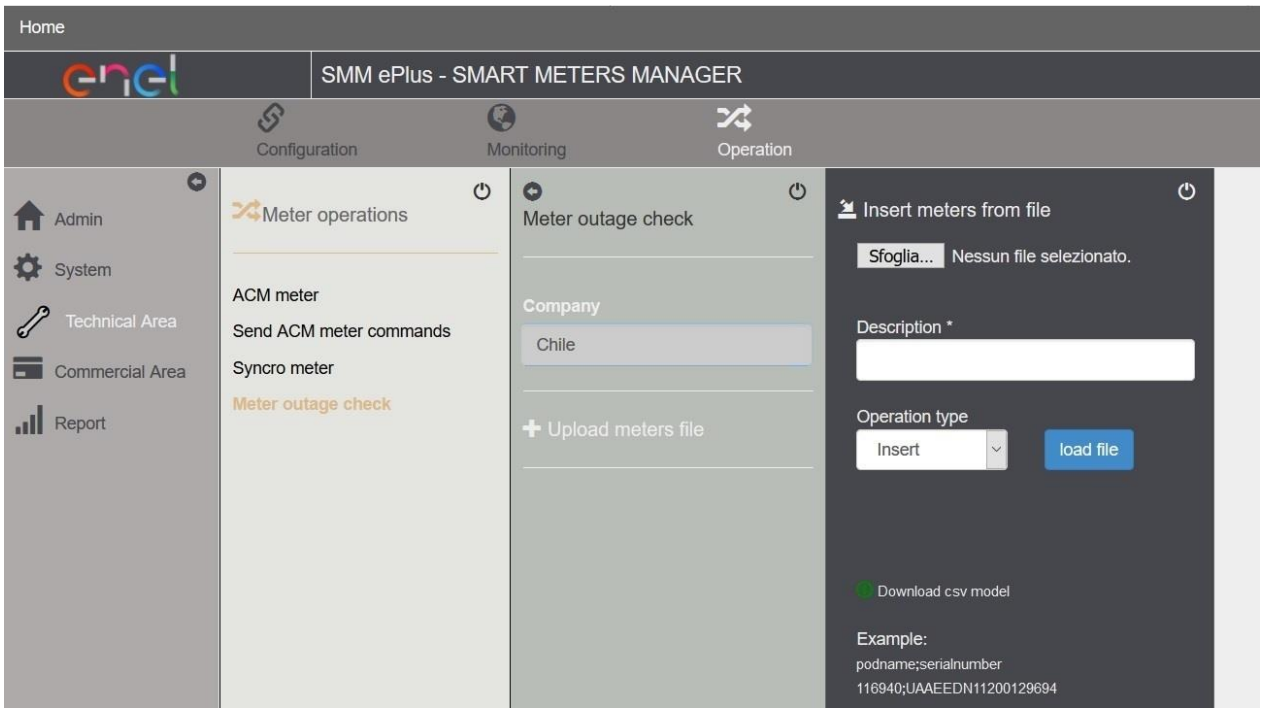
2. Meter Outage Check process

2.1. Meter list upload

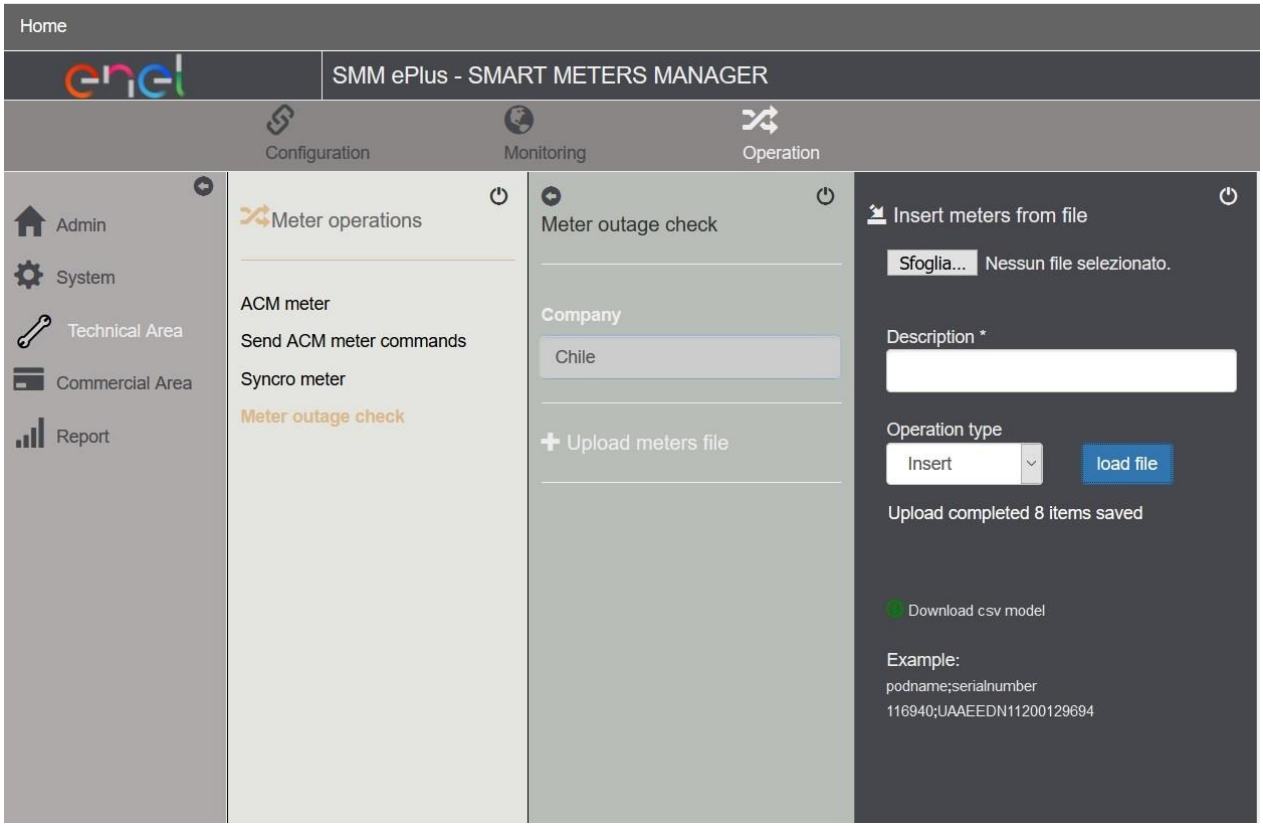
In the Techinal Area of the system, under “Operation” tab and “Meter Operation”, the new page “Meter Outage Check” is available.



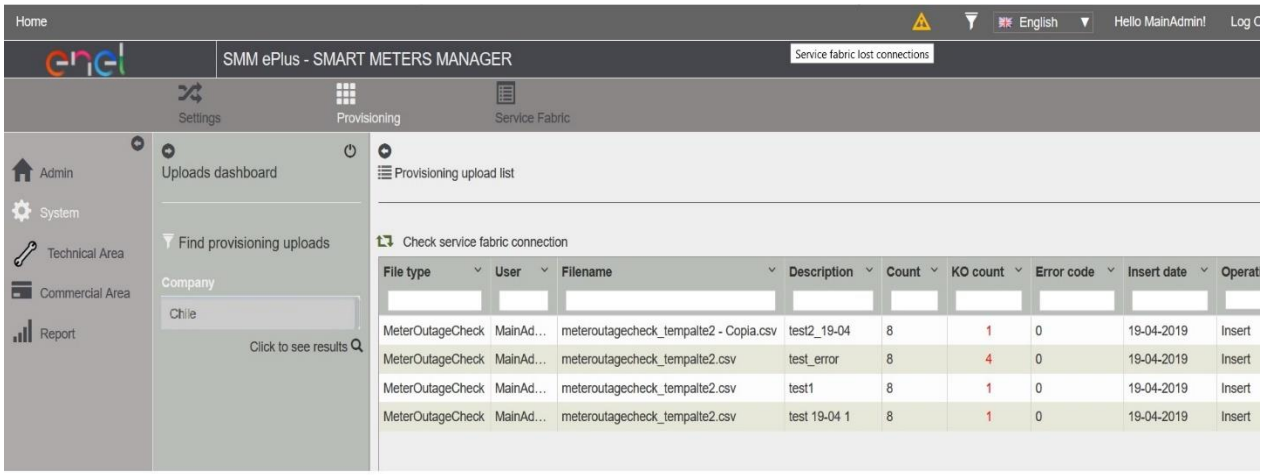
In this page the user has to upload a csv containing the list of meters.
The template of the csv can be downloaded clicking “Downloading csv model”.



When the uploading is complete, the message “Upload completed X items saved” will appear.



The result and the status of the csv process is visible in Provisioning Dashboard

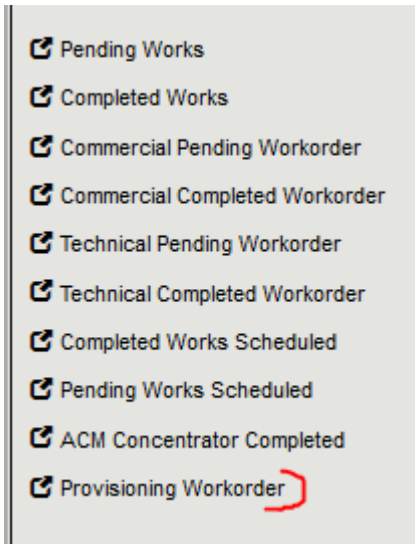


In any error appears in “KO Count” columns, clicking on the error number in red it’s possible to download a csv file containing the reason for the ko.

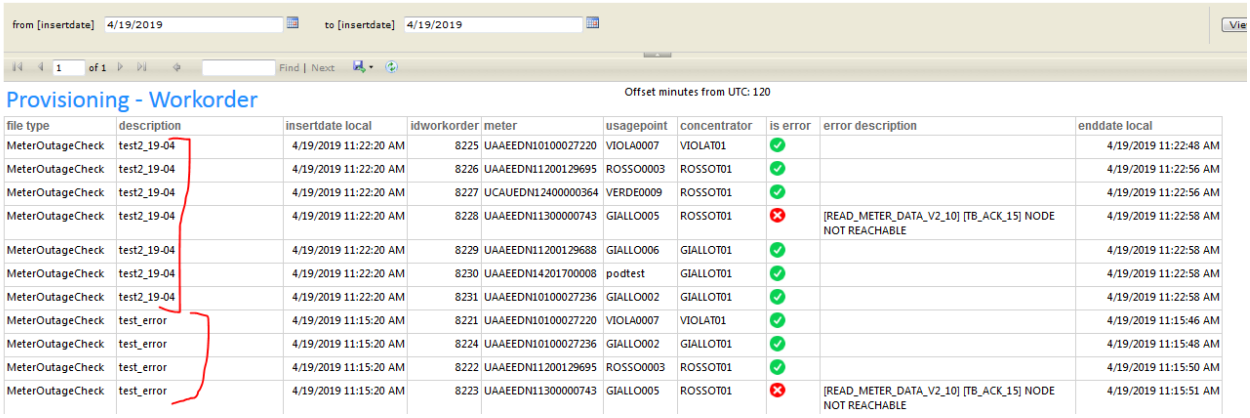
2.2. Process execution

For each meter in csv that has been validated, the system creates a technical Meter Outage Check workorder.
For this kind of activity, the system sends a single TB command for each meter.

Work and workorder can be monitored in Pending/Completed Works and Pending/Completed Technical Workorder reports.
In addition, it’s available a dedicated report “Provisioning – Workorder” that shows the status of each workorder generated from a csv upload.



In “Provisioning – Workorder” report each group of meters to check can be identified in “description” column, that refers to the description of the uploaded csv.



file type	description	insertdate local	idworkorder	meter	usagepoint	concentrator	is error	error description	enddate local
MeterOutageCheck	test2_19-04	4/19/2019 11:22:20 AM	8225	UAAEEDN10100027220	VIOLA0007	VIOLAT01	✓		4/19/2019 11:22:48 AM
MeterOutageCheck	test2_19-04	4/19/2019 11:22:20 AM	8226	UAAEEDN11200129695	ROSSO0003	ROSSOT01	✓		4/19/2019 11:22:56 AM
MeterOutageCheck	test2_19-04	4/19/2019 11:22:20 AM	8227	UCAUEDN12400000364	VERDE0009	ROSSOT01	✓		4/19/2019 11:22:56 AM
MeterOutageCheck	test2_19-04	4/19/2019 11:22:20 AM	8228	UAAEEDN11300000743	GIALLO005	ROSSOT01	✗	[READ_METER_DATA_V2_10] [TB_ACK_15] NODE NOT REACHABLE	4/19/2019 11:22:58 AM
MeterOutageCheck	test2_19-04	4/19/2019 11:22:20 AM	8229	UAAEEDN11200129688	GIALLO006	GIALLOT01	✓		4/19/2019 11:22:58 AM
MeterOutageCheck	test2_19-04	4/19/2019 11:22:20 AM	8230	UAAEEDN14201700008	podtest	GIALLOT01	✓		4/19/2019 11:22:58 AM
MeterOutageCheck	test2_19-04	4/19/2019 11:22:20 AM	8231	UAAEEDN10100027236	GIALLO002	GIALLOT01	✓		4/19/2019 11:22:58 AM
MeterOutageCheck	test_error	4/19/2019 11:15:20 AM	8221	UAAEEDN10100027220	VIOLA0007	VIOLAT01	✓		4/19/2019 11:15:46 AM
MeterOutageCheck	test_error	4/19/2019 11:15:20 AM	8224	UAAEEDN10100027236	GIALLO002	GIALLOT01	✓		4/19/2019 11:15:48 AM
MeterOutageCheck	test_error	4/19/2019 11:15:20 AM	8222	UAAEEDN11200129695	ROSSO0003	ROSSOT01	✓		4/19/2019 11:15:50 AM
MeterOutageCheck	test_error	4/19/2019 11:15:20 AM	8223	UAAEEDN11300000743	GIALLO005	ROSSOT01	✗	[READ_METER_DATA_V2_10] [TB_ACK_15] NODE NOT REACHABLE	4/19/2019 11:15:51 AM

For each meter, a row is visible with the detail of the result.