SmrtPVMS
V500R007C00

Operation Guide for Emergency Solar Management in Western Australia

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Contents

1 About This Document 1

2 Operation Guide for Installers 3

2.1 Downloading the App 3

2.2 Obtaining an Account 4

2.3 Deployment Commissioning 5

2.4 Setting the NMI 5

1 About This Document

This document applies to the scenario where national metering identifiers (NMIs) are used to authorize Australian power grid agents to perform remote output power curtailment of Huawei Inverters in batches. This document is intended for solar installers.

Background

To maintain the stability of the electricity system and support the continued installation of rooftop solar, the WA State Government is introducing Emergency Solar management– the capability to remotely turn off new and upgraded residential rooftop solar systems.

From 14 February 2022, all new and upgraded residential rooftop solar systems with an inverter capacity of 5kVA or less must have the capability to be remotely turned off in an emergency solar event according to the Emergency Solar management requirement from WA State Government.

Table 1-1 Differences in the commissioning

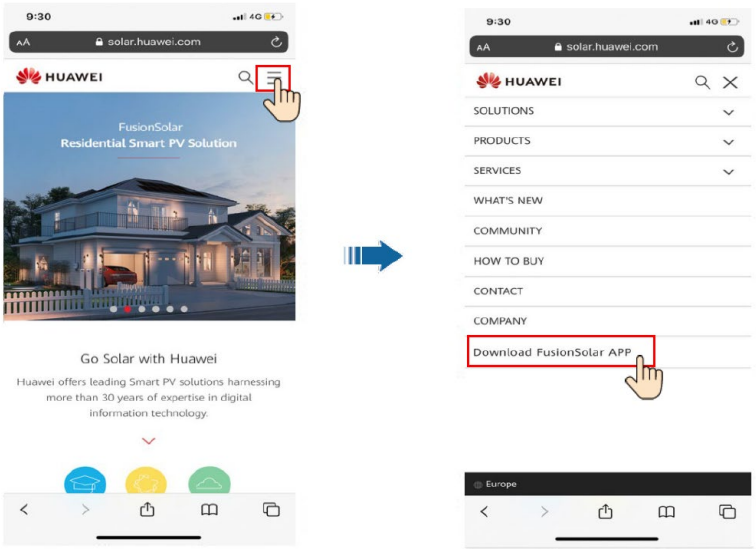
No.	Difference	Western Australia Region	Affected User	Remarks
1	Plant NMI setting	The NMI needs to be set.	Installers in Western Australia	An NMI must be set for a new plant to ensure that power grid agent can remotely curtail the output power of the inverters

2 Operation Guide for Installers

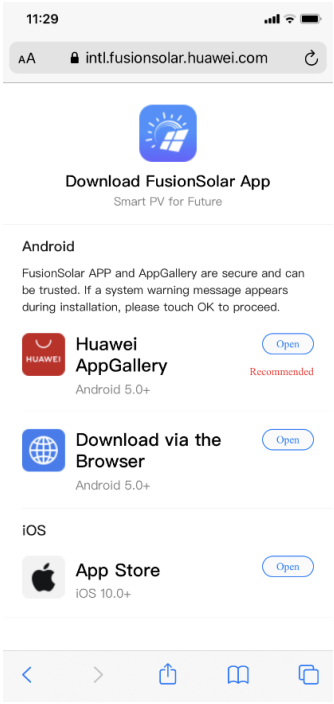
This section describes how installers can obtain accounts, perform deployment commissioning, add plants, and set NMI information.

2.1 Downloading the App

- Step 1 Enter the website at solar.huawei.com



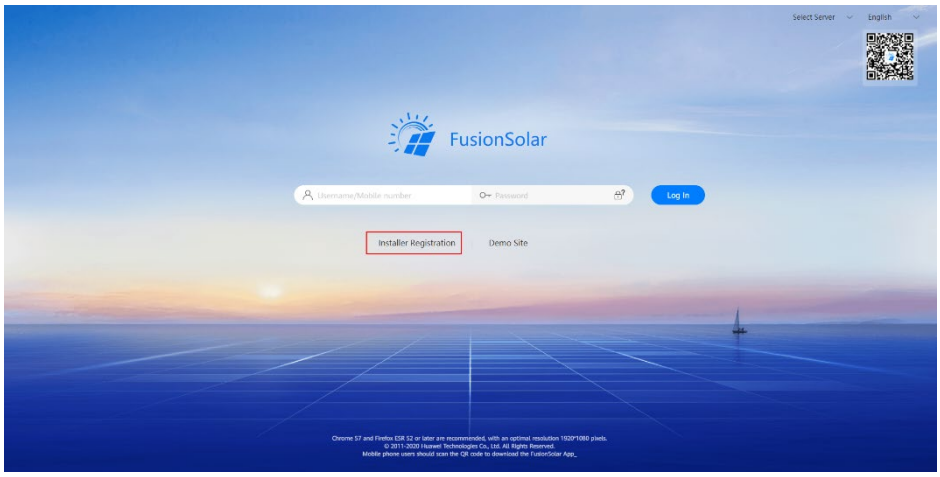
- Step 2 Tap Download FusionSolar APP to go to the download page
- Step 3 For Android users, APP can be downloaded from browser directly (.apk file) or through Huawei AppGallery. For iOS users, APP is available in App Store.



2.2 Obtaining an Account

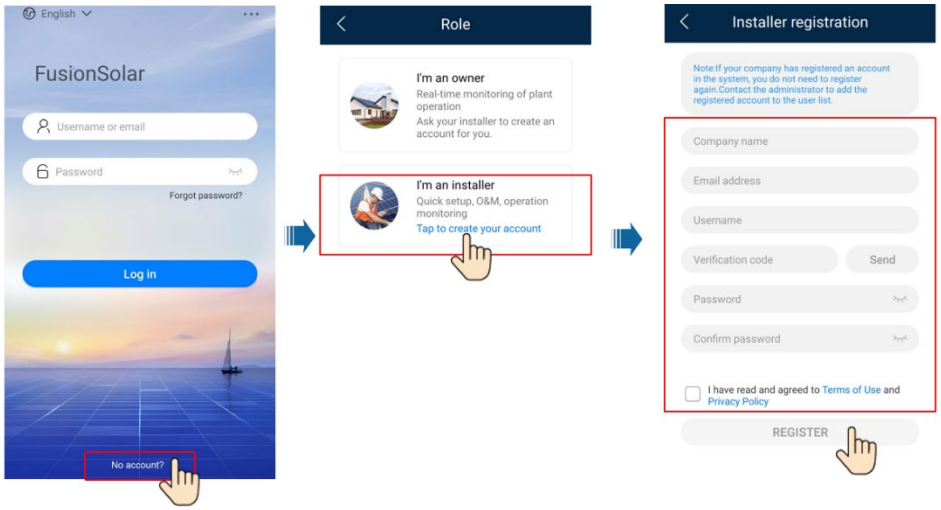
Obtaining an Account by Self-Registration

- Registration in the WebUI: If you access the FusionSolar portal using the domain name **https://intl.fusionsolar.huawei.com**, click **Installer Registration** and register an account as prompted.



- Registration in the app:

a. Tap **No account?** To register an installer account.



NOTE

If your company has been registered, you can contact the upper-level installer to allocate an account.

Obtaining an Account Allocated by the Upper-Level Installer

Contact the upper-level installer to allocate an account. After obtaining the account, you can log in to the FusionSolar portal using the domain name **https://intl.fusionsolar.huawei.com**.

2.3 Deployment Commissioning

After a device is installed, you need to log in to the FusionSolar app to commission the device and set management system parameters. For details, see *FusionSolar App Quick Guide* or *FusionSolar App Commissioning Video*.

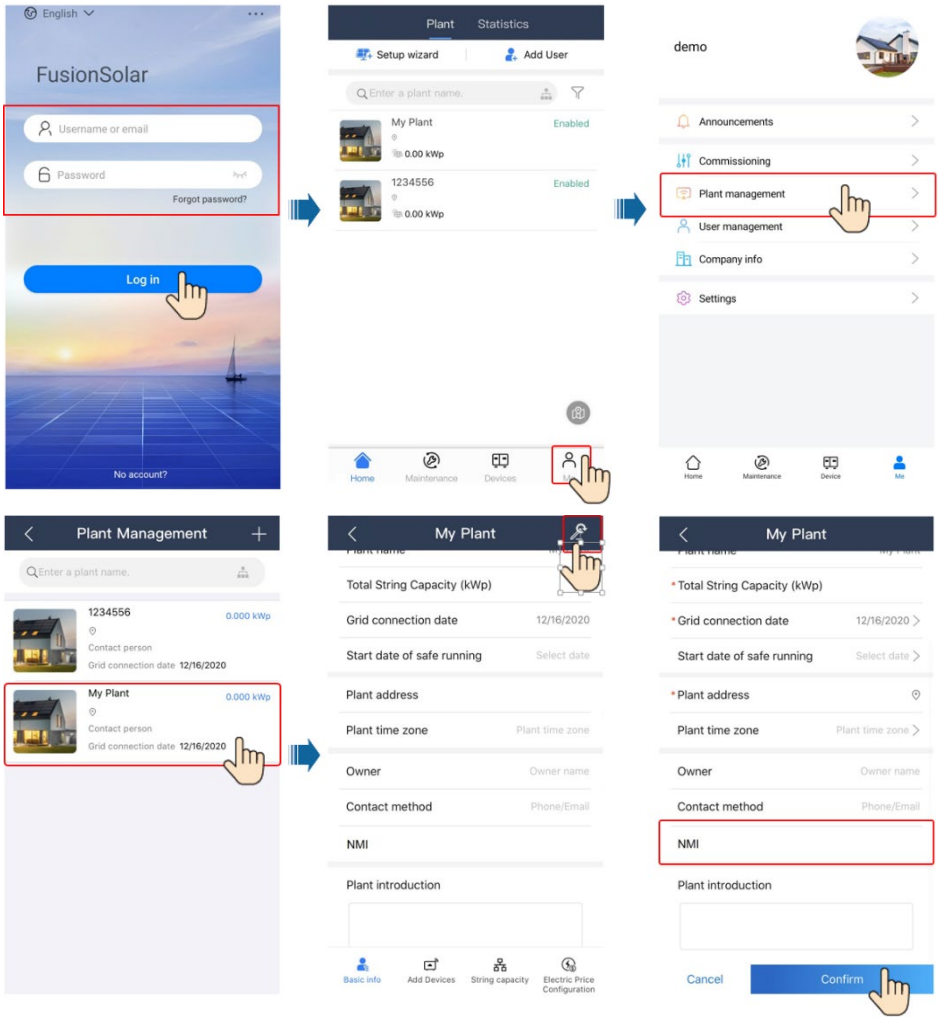
Please also follow *AS4777.2:2020 Firmware Compliance Update* to make sure your inverter loaded with the latest Firmware and correct grid code for AS4777.2 2020 Compliance.

2.4 Setting the NMI

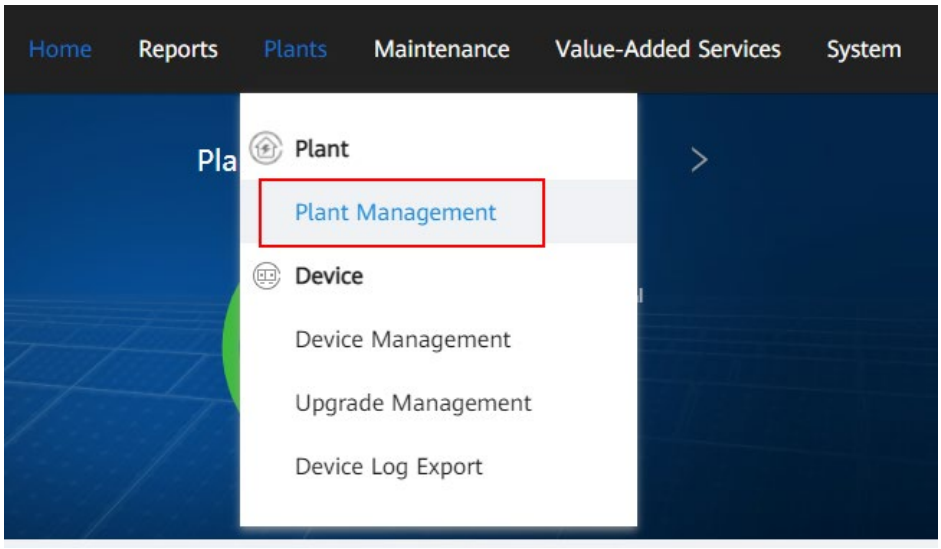
According to the requirements of the Government of Western Australia, an NMI must be set for a new plant to ensure that relevant agents can remotely curtail the power output of inverters.

Procedure

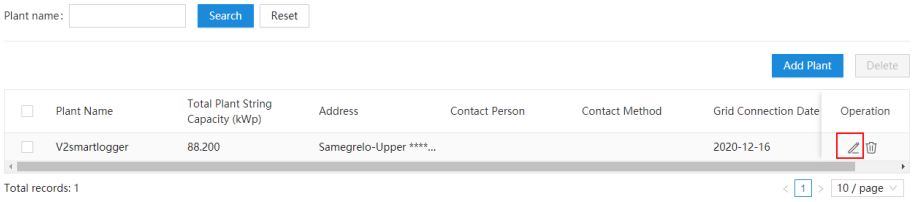
- Method 1: Set the NMI in the FusionSolar app.



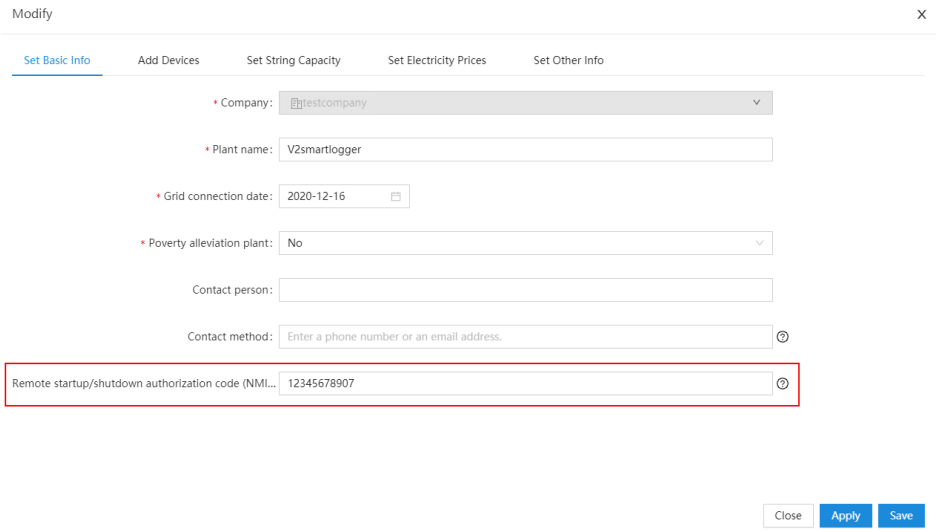
- Method 2: Set the NMI in the FusionSolar portal.
  a. Choose **Plants** > **Plant** > **Plant Management** from the main menu.



  b. On the **Plant Management** page, click in the **Operation** column of the plant list.



c. On the **Set Basic Info** tab page, set **Remote startup/shutdown authorization code (NMI)**.



d. Click **Save**.