

Meter Socket Adapter (MSA) Program

Portal User Guide

Overview

This user guide is intended to assist customers in navigating the Meter Socket Adapter Portals for both isolating and non-isolating MSAs. It offers step-by-step instructions and visual references to support a seamless and well-informed process for submitting MSA applications.

Background

San Diego Gas & Electric® (SDG&E®) has two portals: one for isolating MSAs and one for non-isolating MSAs. These portals allow customers to submit and track applications for the installation of customer-owned and SDG&E-approved MSAs.

MSA Types

Non-Isolating MSA: A device that installs between a customer's electric meter and the meter socket, providing a new point of interconnection for load or distributed energy resources, allowing new circuits without requiring major rewiring or panel upgrades.

Isolating MSA: An MSA with an isolation device that enables the system to safely disconnect from the utility grid during an outage, creating a local microgrid to provide backup power (using distributed energy resources) to the home's essential circuits.

MSA Request Types

New: A request for the installation of a new, SDG&E-approved MSA at a location where any MSA or an SDG&E Renewable Meter Adapter (RMA) has not previously been installed.

Replacement: A request to replace an existing SDG&E Renewable Meter Adapter (RMA) with a new MSA, typically submitted when the current RMA is outdated, damaged, or no longer meets the customer's requirements.

Detailed Process Flow for MSA Application to Installation

Process Diagram



MSA Application

1. Customer completes and submits the MSA application on the appropriate portal
2. SDG&E reviews the MSA application within twenty (20) business days of submittal
3. SDG&E approves the MSA application and sends email with next steps to customer

Installation Scheduling

4. Customer pays MSA installation fee directly to SDG&E-approved installation contractor
5. Customer schedules MSA installation appointment directly with SDG&E-approved installation contractor

MSA Installation

6. Customer places MSA in weather-proof, visible bag near meter panel prior to installation appointment
7. SDG&E-approved installation contractor installs MSA and reports back to SDG&E that installation was completed

Replacing or Removing the Renewable Meter Adapters

Renewable Meter Adapters (RMA) are SDG&E-owned, installed, and maintained devices, which serve similar functionalities to other vendor MSAs. For customers that wish to replace their RMA with another vendor MSA, or remove their RMA altogether, contact SDG&E via email with an RMA removal request.

Email: ***rma@semprautilities.com***

Customers that wish to replace their RMA with an MSA must complete an MSA application using the appropriate portal alongside their RMA removal request.

Isolating Meter Socket Adapters

You can access the application for isolating MSAs in the **Distribution Interconnection Information System (DIIS)** through *sdge.com* or the link below:

1. Navigate to: <https://diis.sdge.com/DIIS/faces/loginTypeSelection.jsf>
2. Click “External User Login” button

3. Complete the Registration or Log In, as appropriate. New DIIS Users should use the “Don’t have an account yet?” button, while Existing DIIS Users should enter their login credentials.



Log in with your username and password:

First time login, reset password

Submit

[Don't have an account yet?](#)

[Forgot password?](#)

Complete the DIIS Registration if you are a new user to the portal:

Please review the registration instructions before submitting a registration form

[Rule 21 Applications Registration Instructions](#)
[WDAT Applications Registration Instructions](#)

[AHJ Inspector Registration Instructions](#)

First Name *

First name *

Last Name *

Last name *

Company Name *

Company Name *

Phone Number *

Phone Number *

Street Number *

Street Number *

Street Name *

Street Name including Apt/Suite No *

Email Address *

Email *

Username *

Username *

Password *

Password *

Retype Password *

Retype password *

☒ By clicking the check box, you acknowledge that you have fully reviewed and agreed to the [Consent to Share Terms and Conditions](#), the [Terms and Conditions of the SDG&E Web Site](#), and, if applicable, the [Mobile Terms and Conditions](#), each as a referenced therein. *

Submit

4. Click the "Submit" button to enter the DIIS Portal

Complete and Submit an Isolating MSA Application

1. In the DIIS Portal, click "Start a New Application" button

[+ Start a New Application](#)

2. In the menu option, select "Meter Collar Adapter Application"

Start a New Application

NEM/NBT Less than 30KW Application

NEM/NBT Greater than 30KW Application

DG Rule 21 Application

Backup Generators Application

Meter Collar Adapter Application

3. Enter the SDG&E Customer of Record Service Account Information

SDG&E Customer of Record Service Account Information

* SDG&E Account Number:	
* SDG&E Meter Number:	
* Customer First Name:	
* Customer Last Name or Business Name:	
* Customer Street Number:	
* Customer Street Name:	
Customer Suite/Apt No.:	
* Customer City:	
Customer State:	CA
* Customer Zip Code:	
* Customer Home/Mobile Phone:	
Customer Business Phone:	
* Customer Email Address:	
* Confirm Customer Email Address	

4. Click the "Next" button



5. Use the drop-down option list to select an isolating MSA device from the *SDG&E-Approved MSA Product List*.

Add A Meter Collar Adapter

Device Manufacturer:	Tesla	
Device Model:	1624171-00-X	



6. Click "Add Device" button



7. Click the "Next" button



8. Upload the customer's electrical single-line or one-line diagram. Click "Choose File" button -> Select File Location -> Open File

Please upload the following documents:

(File formats - Microsoft Office Visio, Microsoft Word, Microsoft Excel, PDF, JPEG)

* One Line Diagram:

Choose File No file chosen

Submit

9. Click "Submit" button and ensure the information note "File uploaded successfully" appears

Submit

File uploaded successfully.

10. Click "Next" button

→ Next

11. Click "Submit application" button

Submit application

You will receive the following note upon your successful submittal of the application:

Application Submitted

Thank you for submitting the Meter Collar Adapter application

Non-Isolating Meter Socket Adapters

Note: SDG&E does not currently have any approved non-isolating meter socket adapters. Please check this guide in the future for any updates.