



# **RIOO User Guide – Creating a New SODG**

**Version 1.0**  
**January 13, 2023**

# ERCOT RIOO Interconnection Services

To create a new Settlement Only Distribution Generator (SODG) site and to get it interconnected to the ERCOT Network Model, the Resource Entity (RE) representing the site must use the Resource Integration and Ongoing Operations – Interconnection Services (RIOO – IS) application. RIOO – IS allows the RE to create an Interconnection Request (INR) online for a new SODG site. The ERCOT Demand Integration team will review and process the INR and provide status updates to the RE throughout the timeline from the initial review of the request to getting the new site loaded into the production Network Model.

## About this guide

This guide provides information about performing the tasks in RIOO – IS to create and submit the online INR that proposes a new SODG to interconnect to the ERCOT Network Model. Any sample data used to demonstrate the application is fictitious and does not represent actual SODG registration data or market activity for any Resource Entity or Transmission and/or Distribution Service Provider (TDSP) used in the samples. The samples are test data created to provide visual aids for this user guide.

Distributed Generation with installed capacity greater than 1 MW capable of providing a net export of energy into a Distribution Service Provider's (DSP) Distribution System is required to register with ERCOT as an SODG. Resource Entities register SODGs using the [Resource Integration & Ongoing Operations \(RIOO\)](#) application. Instructions for setting up a RIOO user account can be found under RIOO Documentation on the [Resource Integration](#) webpage. The SODG registration process allows for energy injections to a DSP's Distribution System to be accounted for in ERCOT market settlements. Energy from registered SODG units is settled with the SODG's designated Qualified Scheduling Entity (QSE) per ERCOT Nodal Protocols section 6.6. Registering an aggregation of DG units across multiple points of delivery is not allowed.

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## Before starting your INR

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Before starting your INR, be sure that you have done the following tasks:

### Sign up for a RIOO Services User Account for a Resource Entity

- The user must be associated with a registered Resource Entity (RE).
- The RE's User Security Administrator (USA) must add the RIOORS\_M\_Operator role to the user's Market Participant Identity Management (MPIM) profile, commonly known as the digital certificate.
- After the role is added, an email request will be sent to complete the process of creating the user account, which involves changing the system-assigned password and associating your login information with a multifactor authentication (MFA) app on your mobile phone that verifies your login attempts.
- The **RE Sign Up Guide** provides more details for signing up for a RIOO Services User Account. This guide is available on the [Resource Integration webpage](#), under **RIOO Documentation**.

### Check for electronic payment debit blocks

If you intend to submit INR payments by electronic checks drawn on your bank account (ACH payment instead of credit card), you should check with your financial institution to be sure you do not have an automatic debit block on your account for ACH transaction amounts. It may take at least two days to remove the block, which can cause processing delays for your INR.

If you do have an automatic debit block on your account:

- Have your financial institution send you the form to authorize ACH transactions you will be making with ERCOT.
- On the form, for:
  - Vendor, enter **Authorize.net**.
  - Vendor ID, enter **1911718107**.
- Submit the form to your financial institution.

### Have documents completed and ready to attach

While creating your INR for a new SODG, you may be required to attach a document.

- If the SODG will be using a meter read by a TDSP, the RE must request that the host TDSP completes a [TDSP Read Generation Metering Registration Form](#) and the RE must attach the form to the site registration submitted in RIOO.
- If the SODG will be using an ERCOT Polled Settlement (EPS) meter, then the TDSP Read Generation Metering Registration Form is not needed.
- Based on which type of metering is selected during the registration process in RIOO, the user will be alerted when a TDSP Read Form is required to be attached.

## Coordinate a Production Load Date (PLD)

When creating an INR for a new SODG, the RE will need to request a PLD in RIOO during the registration process. The RE should coordinate the PLD via email with the ERCOT Demand Integration team ([ERCOTLRandSODG@ercot.com](mailto:ERCOTLRandSODG@ercot.com)). This coordination is not required, but it can help ensure that the requested PLD is acceptable for modeling the SODG.

- The PLD must align with a scheduled production model load as listed on the current [Production Load Schedule](#).
- The PLD will be at least 45 days after the RIOO registration submission is accurately completed.
- The RIOO application will indicate that if the requested PLD is fewer than 90 days out, it is classified as an interim update. However, SODG submissions meeting the 45-day PLD schedule do not require the RE to submit the **RE\_Model\_Interim\_Update\_Request** form.

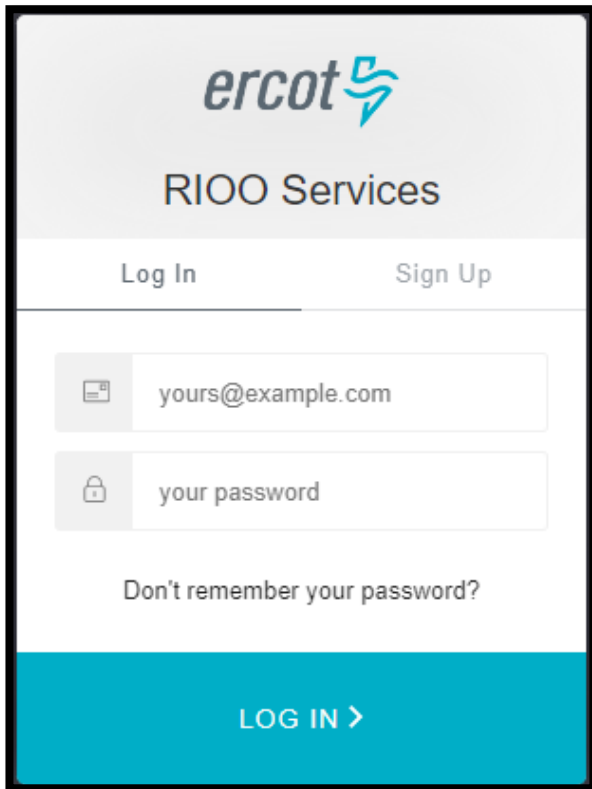
# Logging into RIOO

- There are two ways to access the RIOO application login screen:

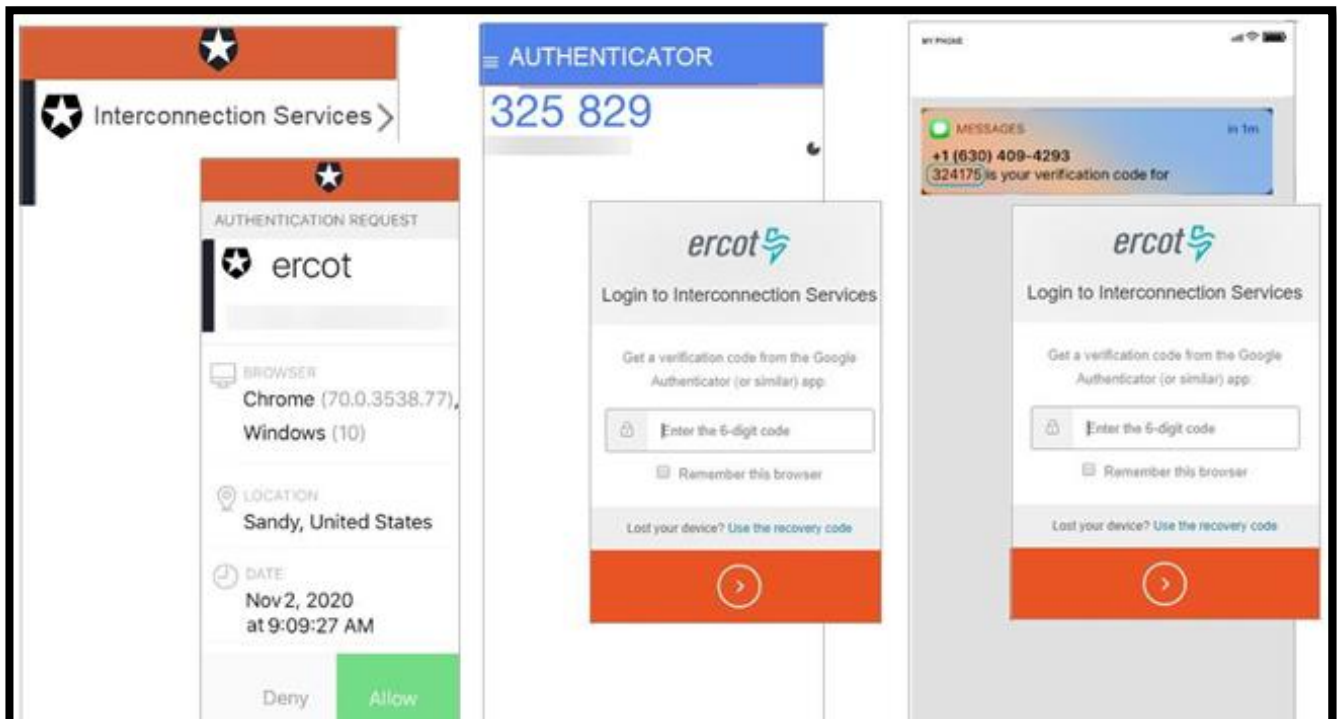
The screenshot shows the ERCOT website's top navigation bar. The 'Market Participants' tab is highlighted with a red box. A dropdown menu is open, showing options: EMIL, MIS Log In, **RIOO Log In** (highlighted with a red box and a mouse cursor), and Renewable Energy Credit. A white text box with red text provides instructions: '1. On the top panel of any webpage on ercot.com, hover over the Market Participants tab to display this list; select RIOO Log In'.

The screenshot shows the main content area of the ERCOT website. It features three charts: 'Supply and Demand' (Last Updated: Jan 10, 2023 14:15 CT), 'Grid Conditions' (Last Updated: Jan 10, 2023 14:19 CT) showing 'OPERATING RESERVES: 7,271 MW', and 'Combined Wind and Solar' (Last Updated: Jan 10, 2023 13:55 CT). Below these are three more charts: 'DC Line Power Flows', a map of Texas, and 'Hub Bus Averages'. The footer contains navigation links, social media icons, and a 'STAY CONNECTED' section. A white text box with red text provides instructions: '2. Scroll to the bottom of any page on ercot.com; click Resource Integration & Ongoing Operations – Resource Services'. This link is highlighted with a red box in the footer.

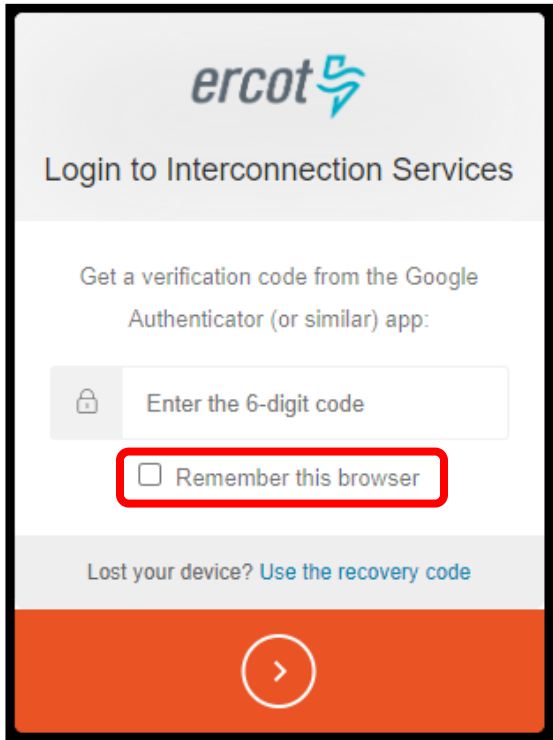
- Log into your RIOO account:



- You'll be prompted to enter a 6-digit code to complete the multi-factor authenticator (MFA). The MFA code will be sent to the app selected when setting up your account (Auth0 Guardian, Google Authenticator, SMS Text Authentication, or another authentication program that you chose to use).



- Select **Remember this browser** to avoid having to login multiple times:



- After successfully logging in, you'll be taken to the RIOO home screen:



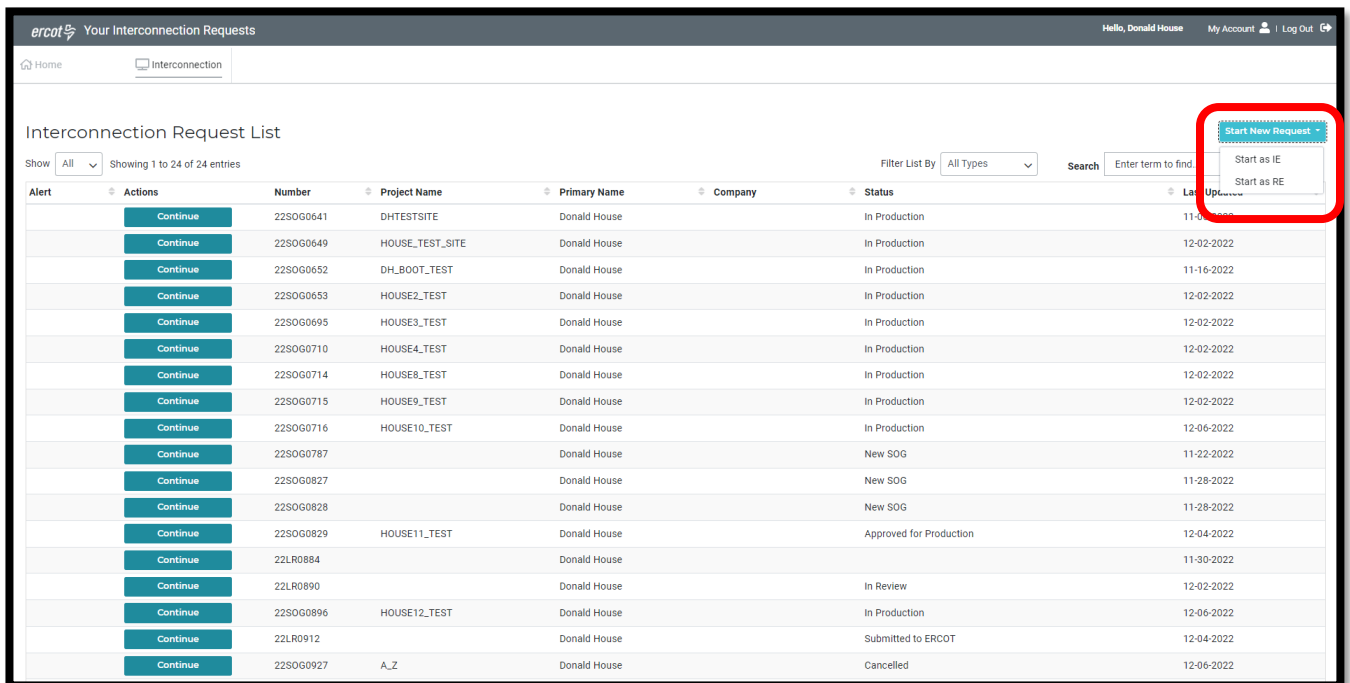


## Creating request for a new SODG

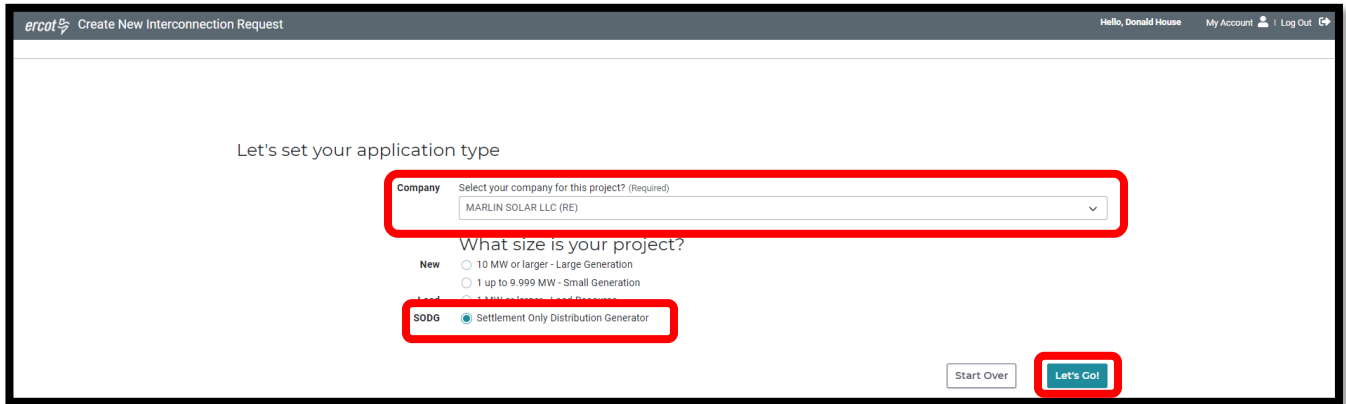
- On the RIOO home screen, open Interconnection Services
  - Interconnection Services is used to create a new SODG
  - Resource Services is used to update an existing SODG
    - See **RIOO User Guide – Updating an Existing SODG** for details



- The Interconnection Request List displays all requests that have been created by the RE along with the status of the request
- To begin, click on **Start New Request** to display the drop-down list
  - Select **Start as RE**



- Select the RE for this project
  - Note that if the user represents multiple REs, they will all be displayed in this drop-down list
- Select **SODG** under **What size is your project?**
- Click **Let's Go!** to be taken to the SODG List screen

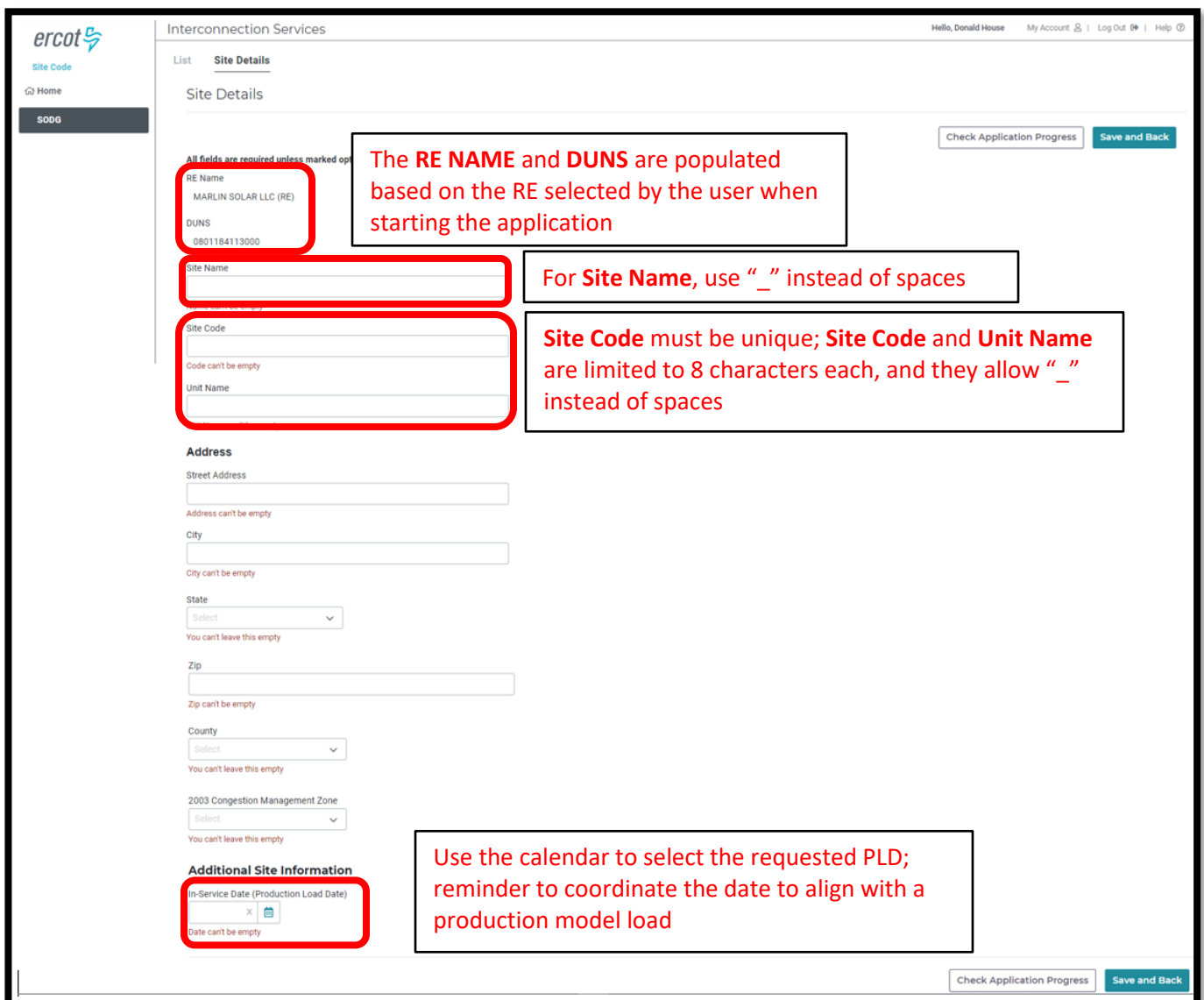
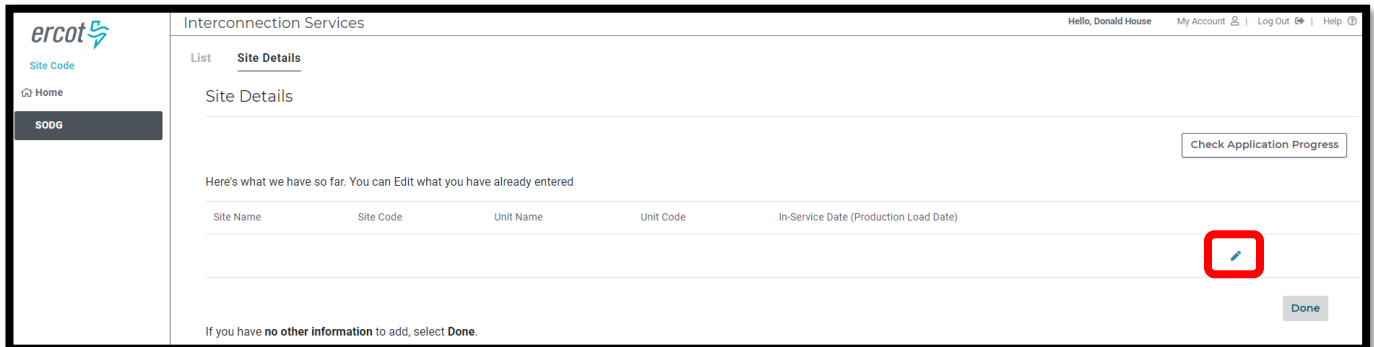


- On the SODG List screen, all data submission panels are listed
  - **Start** indicates that nothing has been added to that panel
  - **Edit** in red indicates that the panel is either missing required information or that something needs to be corrected
  - **Edit** in green indicates that the panel has been completed but the user has the option to go back to the panel to make revisions
  - Clicking on **Edit** or **Start** will open that panel for data entry
- The panels can be completed in any order, but the way they are arranged in the application provides an orderly flow through the process
  - Progress can be saved, allowing the user to return to the application later to finish the submission
  - This guide will provide details on each panel



## Site Details

- Click on **Edit** to open the Site Details summary screen
- Click on the pencil icon to open the data entry panel



- Sample completed Site Details panel

ercot  
Site Code  
Home  
SODG

Interconnection Services  
Hello, Donald House | My Account | Log Out | Help

List **Site Details**

Site Details

Check Application Progress **Save and Back**

All fields are required unless marked optional

RE Name  
MARLIN SOLAR LLC (RE)

DUNS  
0801184113000

Site Name  
RIOO\_SODG\_TEST

Site Code  
NEW\_SODG

Unit Name  
TEST1  
Unit Code: NEW\_SODG\_TEST1

**Address**

Street Address  
7 Sun St.

City  
Bastrop

State  
TX

Zip  
78602

County  
Bastrop

2003 Congestion Management Zone  
South

**Additional Site Information**

In-Service Date (Production Load Date)  
12-16-2022 x

Check Application Progress **Save and Back**

Click **Save and Back** to return to the Site Details summary screen

ercot  
Site Code  
Home  
SODG

Interconnection Services  
Hello, Donald House | My Account | Log Out | Help

List **Site Details**

Check Application Progress

Note that the SODG Site Code is now displayed

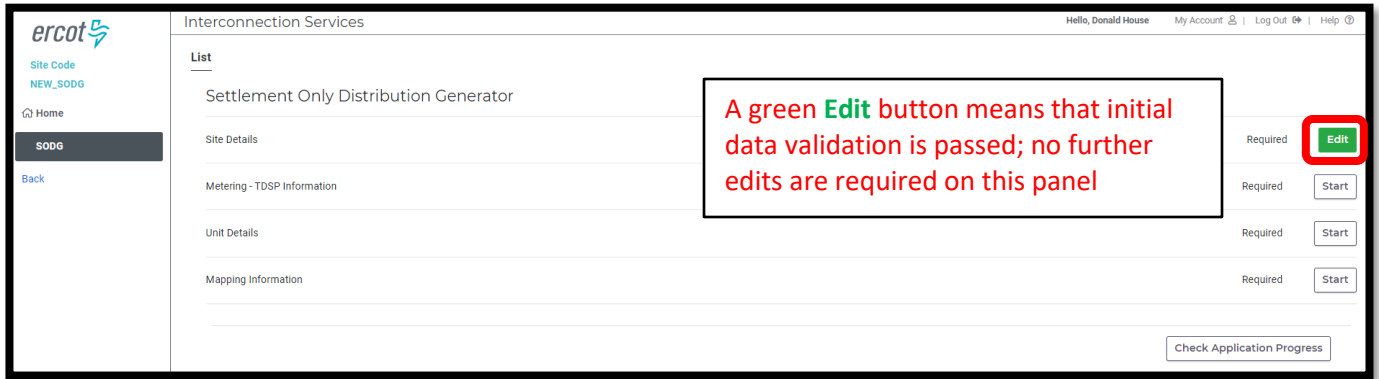
Here's what we have so far. You can Edit what you have already entered

Site Name	Site Code	Unit Name	Unit Code
RIOO_SODG_TEST	NEW_SODG	TEST1	NEW_SODG_TEST1

If you have no other information to add, select Done.

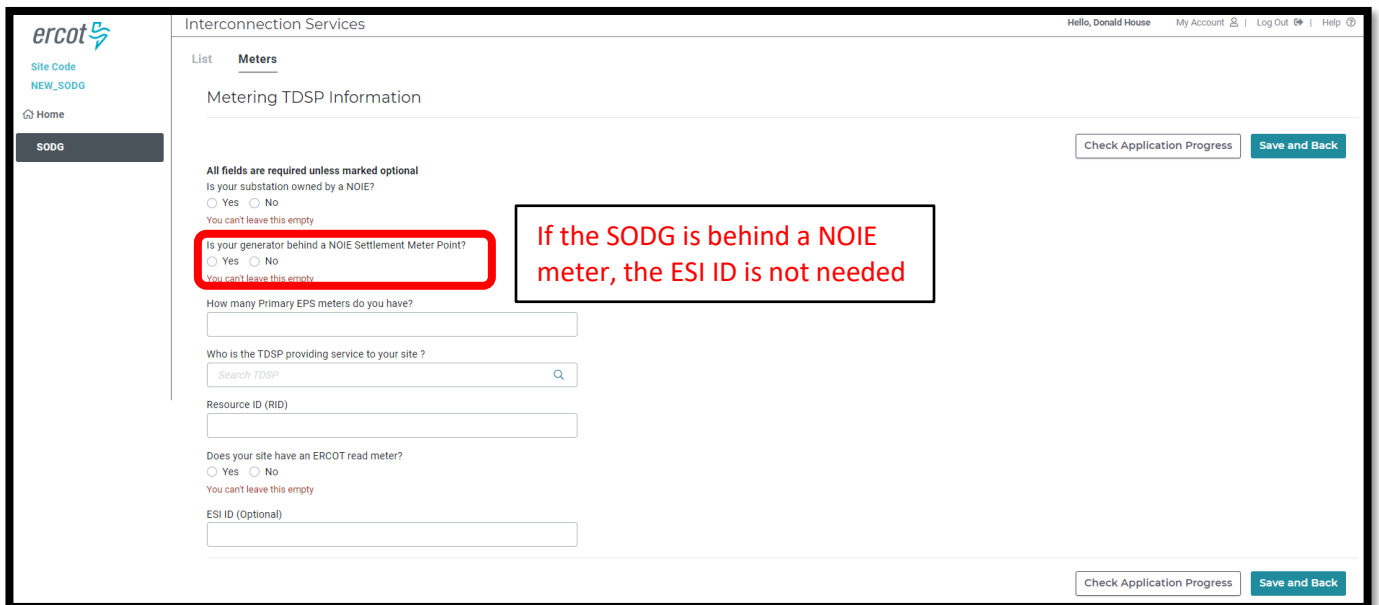
Check Application Progress **Edit** **Done**

Click **Edit** to review the panel again or click **Done** to be taken back to the List screen



## Metering – TDSP Information

- Click on **Start** to open the Metering – TDSP Information summary screen
- Click on **+ Add Metering Information** to open the data entry panel



- Sample completed Metering – TDSP Information panel

ercot  
Site Code  
NEW\_SODG  
Home  
SODG

Interconnection Services  
Hello, Donald House | My Account | Log Out | Help

List **Meters**

Metering TDSP Information

Check Application Progress **Save and Back**

All fields are required unless marked optional  
Is your substation owned by a NOIE?  
 Yes  No  
Is your generator behind a NOIE Settlement Meter Point?  
 Yes  No  
How many Primary EPS meters do you have?  
0  
Who is the TDSP providing service to your site ?  
AEP TEXAS CENTRAL COMPANY (TDSP)  
TDSP DUNS: 007924772  
Resource ID (RID)  
10045600789001  
Does your site have an ERCOT read meter?  
 Yes  No  
A TDSP Read Form is required with this SODG request.  
ESI ID (Optional)  
10045600789001222

Check Application Progress **Save and Back**

Based on the selections, the RE is notified that a TDSP Read Form is required (to be attached in a later step); if an ERCOT read meter were selected, the TDSP Read Form would not be required

Click **Save and Back** to return to the Metering – TDSP Information summary screen

ercot  
Site Code  
NEW\_SODG  
Home  
SODG

Interconnection Services  
Hello, Donald House | My Account | Log Out | Help

List **Meters**

Metering TDSP Information

Check Application Progress

Here's what we have so far. You can Edit what you have already entered

Who is the TDSP providing service to your site ?  
AEP TEXAS CENTRAL COMPANY (TDSP) (DUNS: 007924772) 10045600789001

+ Add Metering Information  
If you have **no other information** to add, select **Done**.

Click on the **pencil icon** to review the panel again, click on **Delete** to remove the metering info, or click **Done** to be taken back to the List screen

ercot  
Site Code  
NEW\_SODG  
Home  
SODG  
Back

Interconnection Services  
Hello, Donald House | My Account | Log Out | Help

List

Settlement Only Distribution Generator

Site Details  
Metering - TDSP Information  
Unit Details  
Mapping Information

Required **Edit**  
Required **Edit**  
Required Start  
Required Start

Check Application Progress

A green **Edit** button means that initial data validation is passed; no further edits are required on this panel

## Unit Details

- Click on **Start** to open the Unit Details summary screen
- Click on the **pencil icon** to open the data entry panel

ercot  
Site Code  
NEW\_SODG  
Home  
SODG

Interconnection Services  
Hello, Donald House | My Account | Log Out | Help

List Unit  
SODG Unit Details

Check Application Progress

Here's what we have so far. You can Edit what you have already entered

Unit Name  
TEST1

Unit Name is pre-populated from info provided on the Site Details panel

Name Plate Rating MW/MVA

Done

If you have no other information to add, select Done.

ercot  
Site Code  
NEW\_SODG  
Home  
SODG

Interconnection Services  
Log Out | Help

List Unit  
SODG Unit Details

All fields are required unless marked optional

Unit Information

Technology Type  
Select  
You can't leave this empty

Physical Unit Type  
Select  
You can't leave this empty

Name Plate Rating

MW  
You can't leave this empty

MVA  
You can't leave this empty

Renewable

Is your generator a renewable energy resource?  
 Yes  No  
You can't leave this empty

Fuel Information

Primary Fuel Type  
Select  
You can't leave this empty

Secondary FuelType (Optional)  
Select

Generic Information

Generic Fuel Category  
Select  
You can't leave this empty

Generic Start-up / Operating Category  
Select  
You can't leave this empty

If W – Wind is selected as the Technology Type, another row will appear for the user to enter the Number of Turbines

Technology Type  
W - Wind

Number of Turbines  
You can't leave this empty

MVA rating must be greater than or equal to the MW rating

If Yes is selected for Is your generator a renewable energy resource?, another row will appear for the user to select either a renewable credit generator (RN) or a renewable offset (OS)

Renewable

Is your generator a renewable energy resource?  
 Yes  No

Is it a renewable credit generator(RN) or a renewable offset(OS)?  
 RN  OS

Save and Back

Check Application Progress

Save and Back

- Sample completed Unit Details panel

ercot  
Site Code  
NEW\_SODG  
Home  
SODG

Interconnection Services  
Hello, Donald House | My Account | Log Out | Help

List **Unit**

SODG Unit Details

Check Application Progress Save and Back

All fields are required unless marked optional

**Unit Information**

Technology Type  
S - Solar

Physical Unit Type  
PV - Photovoltaic

**Name Plate Rating**

5.5 MW  
5.5 MVA

**Renewable**

Is your generator a renewable energy resource?  
 Yes  No

Is it a renewable credit generator(RN) or a renewable offset(OS)?  
 RN  OS

**Fuel Information**

Primary Fuel Type  
SUN - Solar (photovoltaic, thermal)

Secondary FuelType (Optional)  
NA - Not Applicable

**Generic Information**

Generic Fuel Category  
Solar

Generic Start-up / Operating Category  
Renewable (Including Hydro)

Check Application Progress **Save and Back**

Click **Save and Back** to return to the Unit Details summary screen

ercot  
Site Code  
NEW\_SODG  
Home  
SODG

Interconnection Services  
My Account | Log Out | Help

List **Unit**

SODG Unit Details

Check Application Progress

Here's what we have so far. You can Edit what you have already entered

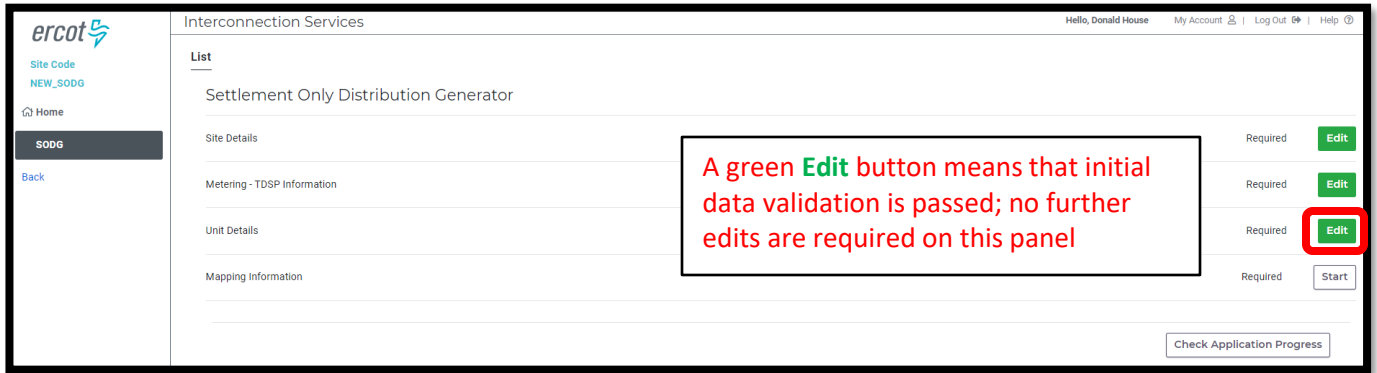
Unit Name	Technology Type	Physical Unit Type	Name Plate Rating
TEST1	Solar	Photovoltaic	5.5 / 5.5

If you have no other information to add, select Done.

Click on the **pencil icon** to review the panel again or click **Done** to be taken back to the List screen

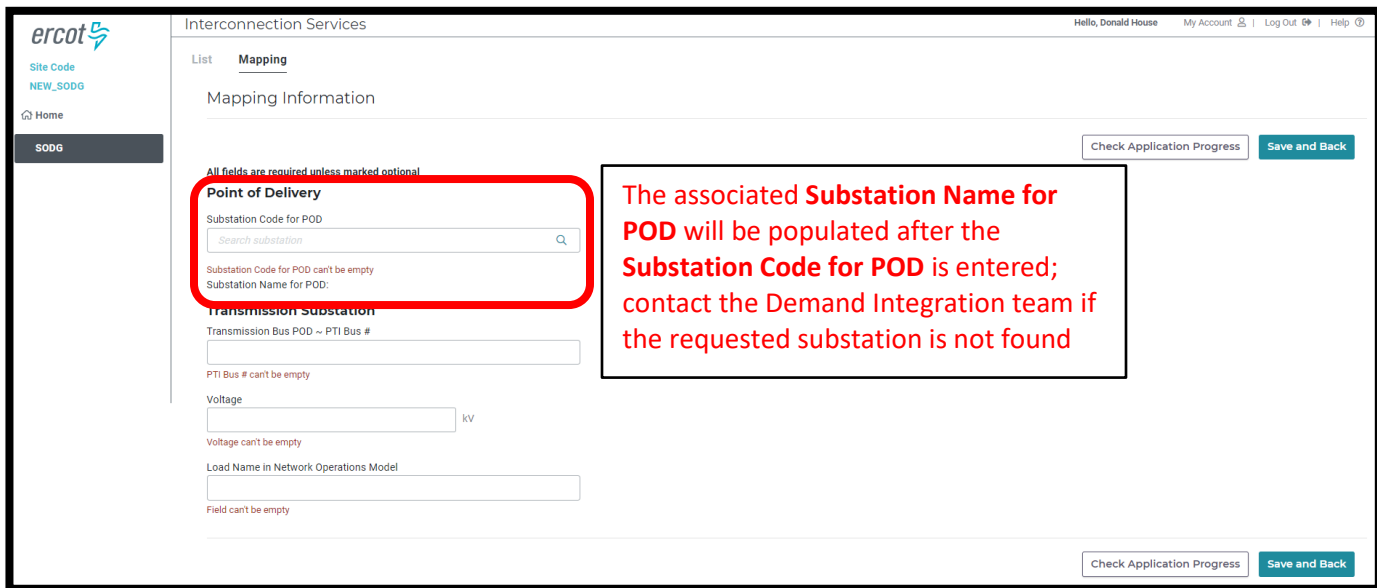
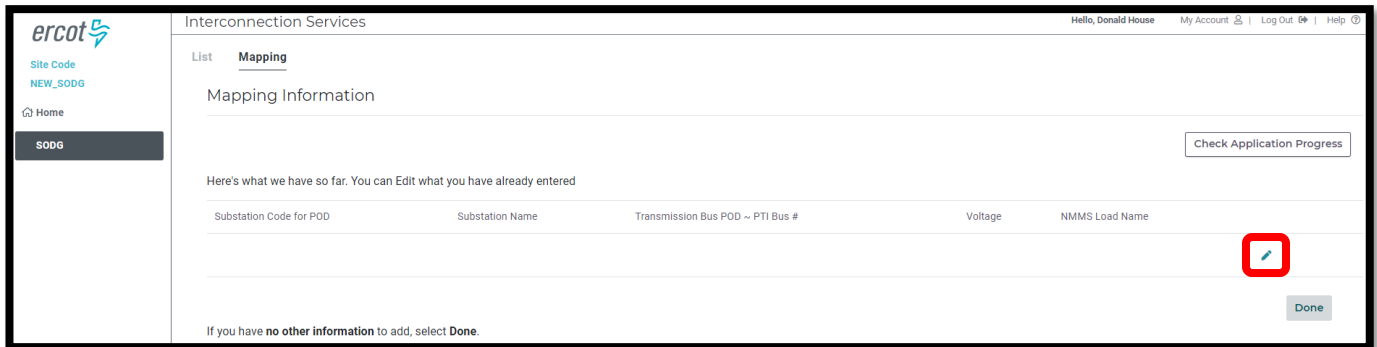
**Done**





## Mapping Information

- Click on **Start** to open the Mapping Information summary screen
- Click on the **pencil icon** to open the data entry panel



- Sample completed Mapping Information panel

ercot  
Site Code  
NEW\_SODG  
Home  
SODG

Interconnection Services  
Hello, Donald House | My Account | Log Out | Help

List **Mapping**

Mapping Information

Check Application Progress **Save and Back**

All fields are required unless marked optional

**Point of Delivery**  
Substation Code for POD  
LOSTPI

Substation Name for POD: LOST PINES

**Transmission Substation**  
Transmission Bus POD ~ PTI Bus #  
170173

Voltage  
138 kV

Load Name in Network Operations Model  
AUXB01

Check Application Progress **Save and Back**

Click **Save and Back** to return to the Mapping Information summary screen

ercot  
Site Code  
NEW\_SODG  
Home  
SODG

Interconnection Services  
Hello, Donald House | My Account | Log Out | Help

List **Mapping**

Mapping Information

Check Application Progress

Here's what we have so far. You can Edit what you have already entered

Substation Code for POD	Substation Name	Transmission Bus POD ~ PTI Bus #	Voltage	Load Name
LOSTPI	LOST PINES	170173	138	AUXB01

If you have no other information to add, select Done.

Click on the pencil icon to review the panel again or click Done to be taken back to the List screen

Done

ercot  
Site Code  
NEW\_SODG  
Home  
SODG  
Back

Interconnection Services  
Hello, Donald House | My Account | Log Out | Help

List

Settlement Only Distribution Generator

Site Details	Required	<b>Edit</b>
Metering - TDSP Information	Required	<b>Edit</b>
Unit Details	Required	<b>Edit</b>
Mapping Information	Required	<b>Edit</b>

Check Application Progress

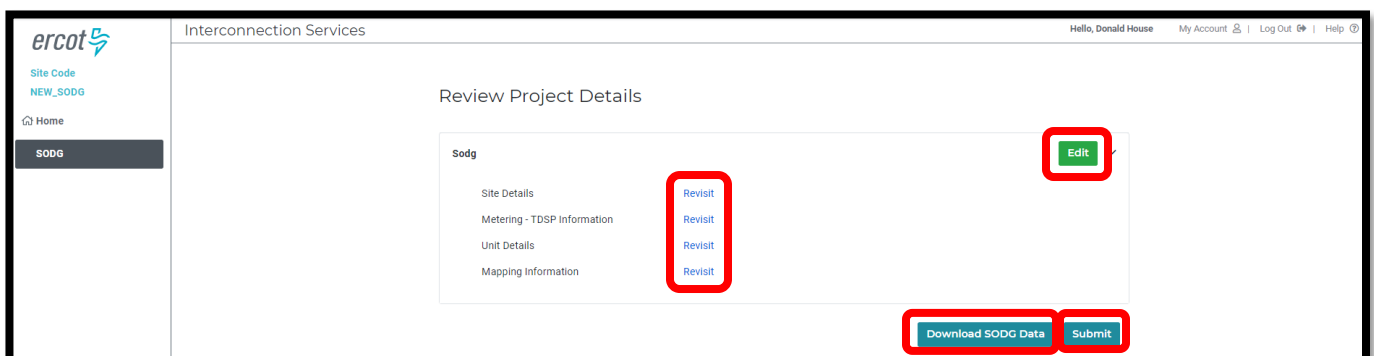
A green Edit button means that initial data validation is passed; no further edits are required on this panel

## Check Application Progress

- On the SODG List screen, click on **Check Application Progress** to open the Review Project Details summary screen



- On the Review Project Details screen, all data submission panels are listed
  - Click on **Revisit** to return to any of the data entry panels
  - Make Corrections** in red indicates that the panel is either missing required information or that something needs to be corrected
    - Any needed corrections will also cause **Edit** to appear in a red box
  - Edit** in a green box indicates that all panels have been completed but the user has the option to go back to any panel to make revisions
  - Clicking on **Download SODG Data** will download an excel file with a separate tab containing the information added to each data entry panel
  - Clicking on **Submit** will send the request to ERCOT and will move on to the final requirements
    - Attachments
    - E-sign
    - Payment



ercot Finish Your Sodg Request Hello, Donald House My Account | Log Out

**SODG REQUEST**  
**2250G0959**

**SODG Details**  
You've already worked on this section. You can review information or make changes  
[Review / Edit](#)

**Attachments**  
You haven't provided attachments yet. Let's get started!  
[Let's get started](#)

**E-sign**  
You haven't entered any information yet. Let's get started!  
[Let's get Started](#)

**Payment**  
You need to complete your e-sign before you can start this section  
[Ready to Pay](#)

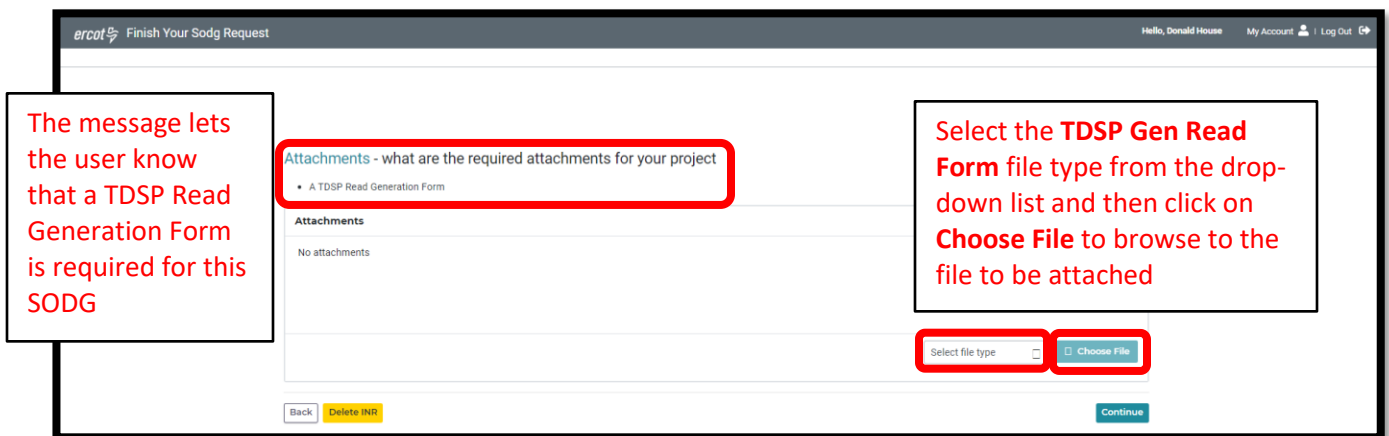
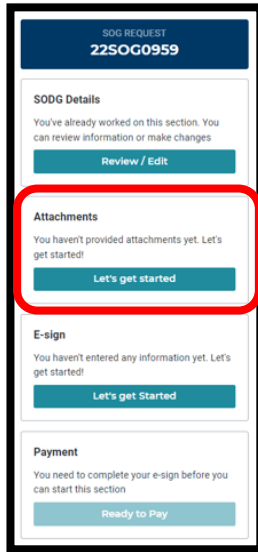
[Delete INR](#) [Back to Dashboard](#)

The INR can still be canceled by clicking on **Delete INR**; the user must confirm this selection to continue with the deletion (can't be canceled after ERCOT changes status to **In Review**)

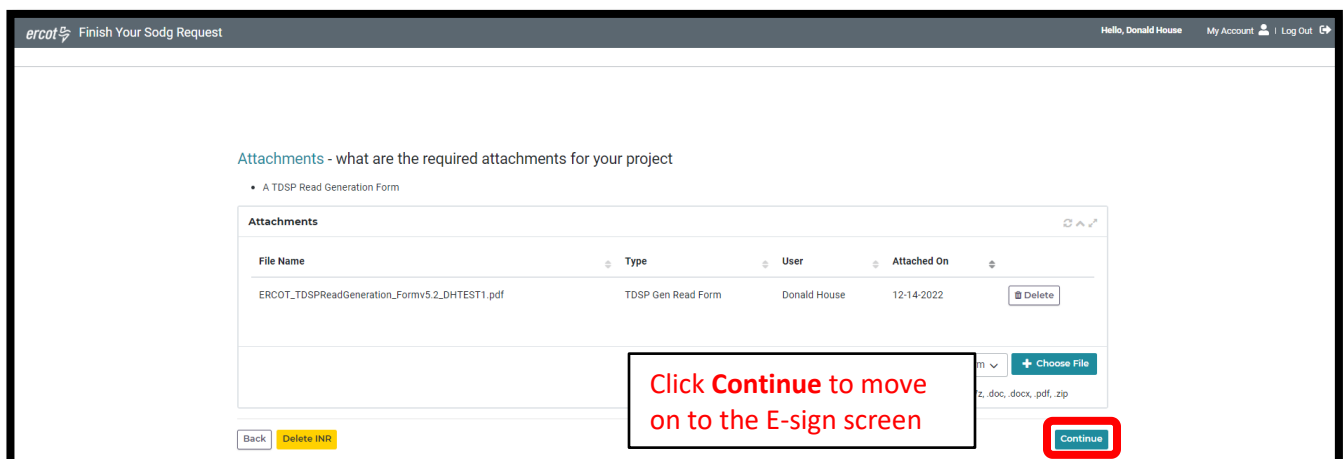
Attachments, if needed, and E-sign must be completed before the user can access the payment screen

## Attachments

- On the Finish Your SODG Request screen, click on **Let's get started** in the Attachments box to open the Attachments panel



- Sample attached TDSP Read Generation Form



## E-sign

- ERCOT Planning Guide Section 8 Attachment D: Attestation Regarding Compliance with the Lone Star Infrastructure Protection Act is built into RIOO and must be completed by the RE as part of the submission

**ATTESTATION REGARDING COMPLIANCE WITH THE Lone Star Infrastructure Protection Act**

Interconnecting or Resource Entity: MARLIN SOLAR LLC (RE)      IE/RE's Interconnection Request (INR) number: 22SOG0959

Check the option that applies:

1. With respect to the above referenced IE/RE and INR number and with respect to each Entity with an ownership interest in the real property to be utilized by the above referenced ("Property Owner"), I hereby attest that:

NONE OF THE FOLLOWING STATEMENTS IN PARAGRAPHS (A) - (C) ARE TRUE.

ONE OR MORE OF THE FOLLOWING STATEMENTS IN PARAGRAPHS (A) - (C) ARE TRUE.

(i) Individuals who are citizens of China, Iran, North Korea, Russia, or a designated country;<sup>1</sup> or

(ii) a company or other entity, including a governmental entity, that is owned or controlled by citizens of or is directly controlled by the government of China, Iran, North Korea, Russia, or a designated country; or

(iii) The majority of stock or other ownership interest of the IE/RE or Property Owner, or a wholly owned subsidiary, majority-owned subsidiary, parent company, or affiliate of the above referenced IE/RE or Property Owner is held or controlled by:

(i) Individuals who are citizens of China, Iran, North Korea, Russia, or a designated country; or

(ii) a company or other entity, including a governmental entity, that is owned or controlled by citizens of or is directly controlled by the government of China, Iran, North Korea, Russia, or a designated country; or

(iii) The IE/RE or Property Owner, or a wholly owned subsidiary, majority-owned subsidiary, parent company, or affiliate of the IE/RE or Property Owner is headquartered in China, Iran, North Korea, Russia, or a designated country.

<sup>1</sup> The term "designated country" as used in this attestation shall have the same meaning as the definition of that term in Texas Business and Commerce Code, Section 113.001(4), added by Act of June 18, 2021, 87th Leg. R.S. Ch. 975 (S.B. 2116).

By inserting my name below, I certify that I am an officer, executive, or authorized employee with authority to bind the IA listed above, that I am authorized to execute and submit this attestation on behalf of each IE/RE listed above, and that the statements contained herein are true and correct.

Name (Required): Type Authorized Signature      Signature Date: 12-14-2022

Title (Required): Type Authorized Title

Buttons: Back, Delete INR, Print Form, Continue

- Sample completed E-sign form

**ATTESTATION REGARDING COMPLIANCE WITH THE Lone Star Infrastructure Protection Act**

Interconnecting or Resource Entity: MARLIN SOLAR LLC (RE)      IE/RE's Interconnection Request (INR) number: 22SOG0959

Check the option that applies:

1. With respect to the above referenced IE/RE and INR number and with respect to each Entity with an ownership interest in the real property to be utilized by the above referenced IE/RE's project ("Property Owner"), I hereby attest that:

NONE OF THE FOLLOWING STATEMENTS IN PARAGRAPHS (A) - (C) ARE TRUE.

ONE OR MORE OF THE FOLLOWING STATEMENTS IN PARAGRAPHS (A) - (C) ARE TRUE.

A) The IE/RE or Property Owner, or a wholly owned subsidiary, majority-owned subsidiary, parent company, or affiliate of the IE/RE or Property Owner, is owned by:

(i) Individuals who are citizens of China, Iran, North Korea, Russia, or a designated country;<sup>1</sup> or

(ii) a company or other entity, including a governmental entity, that is owned or controlled by citizens of or is directly controlled by the government of China, Iran, North Korea, Russia, or a designated country; or

B) The majority of stock or other ownership interest of the IE/RE or Property Owner, or a wholly owned subsidiary, majority-owned subsidiary, parent company, or affiliate of the above referenced IE/RE or Property Owner is held or controlled by:

(i) Individuals who are citizens of China, Iran, North Korea, Russia, or a designated country; or

(ii) a company or other entity, including a governmental entity, that is owned or controlled by citizens of or is directly controlled by the government of China, Iran, North Korea, Russia, or a designated country; or

C) The IE/RE or Property Owner, or a wholly owned subsidiary, majority-owned subsidiary, parent company, or affiliate of the IE/RE or Property Owner is headquartered in China, Iran, North Korea, Russia, or a designated country.

<sup>1</sup> The term "designated country" as used in this attestation shall have the same meaning as the definition of that term in Texas Business and Commerce Code, Section 113.001(4), added by Act of June 18, 2021, 87th Leg. R.S. Ch. 975 (S.B. 2116).

By inserting my name below, I certify that I am an officer, executive, or authorized employee with authority to bind the IA listed above, that I am authorized to execute and submit this attestation on behalf of each IE/RE listed above, and that the statements contained herein are true and correct.

Name (Required): Donald House      Signature Date: 12-14-2022

Title (Required): Authorized Representative

Buttons: Back, Delete INR, Print Form, Continue

## Invoice and Payment

- Based on the current [ERCOT Fee Schedule](#), REs will be charged \$5,000 for each new SODG to be added to the ERCOT Network Model
- This fee must be paid in RIIO to complete the SODG submission
- Sample invoice

**The Invoice Date is the current day, and the payment is always DUE TODAY**

**The INR Request No. is listed on the invoice**

**The SODG site name is listed on the invoice**

**Click Continue to Payment to move on to the Payment screen**

INVOICE DATE	DUE TODAY
December 14, 2022	\$5,000.00

DESCRIPTION	PRICE
Settlement only application and modeling	\$5,000.00
<b>TOTAL DUE:</b>	<b>\$5,000.00</b>

- Sample payment screen using credit card

**The SODG INR number is listed as the Invoice Number**

**User selects to make payment with a Credit Card**

**The user's Email is pre-populated**

**After info is entered, click Pay to complete the transaction and view the payment confirmation**

**Order Summary**

Description	Interconnection	Total
Studies performed <td></td> <td>\$ 5,000.00</td>		\$ 5,000.00

**Billing Address**

Invoice Number: 22SOG0959

Card Number \*    Exp. Date \*    Card Code

First Name    Last Name

Billing Country: USA    Zip

Street Address    City

State    Phone Number

Email: dh\_test@fastmail.com

**Pay**    Cancel

- Sample payment screen using bank account

The screenshot shows the 'Payment' page in the ERCOT system. The page title is 'Finish Your Sodg Request'. The user is logged in as 'Donald House'. The 'Payment' tab is selected in the navigation menu. The page contains an 'Order Summary' table with a total of \$5,000.00. Below the summary, there are radio buttons for 'Credit Card' and 'Bank Account (USA Only)'. The 'Bank Account' option is selected. There are input fields for 'Bank Name', 'Account Number', 'Bank Account Type' (set to 'Personal Checking'), 'Name On Account', and 'ABA Routing Number'. A 'Billing Address' section includes fields for 'First Name', 'Last Name', 'Billing Country' (set to 'USA'), 'Street Address', 'City', 'State', and 'Phone Number'. The email field is pre-populated with 'dh\_test@fastmail.com'. At the bottom, there are 'Pay' and 'Cancel' buttons. Red boxes highlight the 'Invoice Number' (22SOG0959), the 'Bank Account' selection, the pre-populated email, and the 'Pay' button. Red text boxes provide instructions: 'The SODG INR number is listed as the Invoice Number', 'User selects to make payment with a Bank Account', 'The user's Email is pre-populated', and 'After info is entered, click Pay to complete the transaction and view the payment confirmation'.

- Sample payment confirmation

The screenshot shows the 'Payment Confirmation' page in the ERCOT system. The page title is 'Finish Your Sodg Request'. The user is logged in as 'Donald House'. The page displays a green checkmark and the text 'Thank you for your payment'. Below this, it shows the 'Payment confirmation number: 40109846229'. A red box highlights the 'Interconnection Request Number: 22SOG0959'. A 'Back to Interconnection List' button is visible. Red text boxes provide instructions: 'The SODG INR number is listed on the payment confirmation' and 'Click Back to Interconnection List to return to your Interconnection Request List'.



- Back on the Interconnection Request List, the user can view the newly submitted SODG request
  - Note the status of **Submitted to ERCOT**

The screenshot displays the 'Interconnection Request List' interface. At the top, there is a navigation bar with 'ercot Your Interconnection Requests' and user information 'Hello, Donald House My Account Log Out'. Below the navigation bar, there are links for 'Home' and 'Interconnection', and a 'Start New Request' button. The main content area features a table with the following columns: Alert, Actions, Number, Project Name, Primary Name, Company, Status, and Last Updated. The first row of the table is highlighted with a red box, showing a 'Continue' button in the Actions column, ID '22SOG0959', Project Name 'RIOO\_SODG\_TEST', Primary Name 'Donald House', Status 'Submitted to ERCOT', and Last Updated '12-14-2022'. Other rows include 'TEST\_DATE\_ENTRY', 'HOUSE14\_TEST', 'HOUSE13\_TEST', 'ANOTHER\_TEST', 'A\_Z', 'HOUSE12\_TEST', 'HOUSE11\_TEST', and another 'New SOG' entry. At the bottom right, there is a pagination control with buttons for 'First', 'Previous', '1', '2', '3', 'Next', and 'Last'.

Alert	Actions	Number	Project Name	Primary Name	Company	Status	Last Updated
	Continue	22SOG0959	RIOO_SODG_TEST	Donald House		Submitted to ERCOT	12-14-2022
	Continue	22SOG0939	TEST_DATE_ENTRY	Donald House		New SOG	12-07-2022
	Continue	22SOG0932	HOUSE14_TEST	Donald House		In Production	12-07-2022
	Continue	22SOG0931	HOUSE13_TEST	Donald House		Approved for Production	12-07-2022
	Continue	22SOG0928	ANOTHER_TEST	Donald House		Cancelled	12-06-2022
	Continue	22SOG0927	A_Z	Donald House		Cancelled	12-06-2022
	Continue	22SOG0896	HOUSE12_TEST	Donald House		In Production	12-06-2022
	Continue	22SOG0829	HOUSE11_TEST	Donald House		Approved for Production	12-04-2022
	Continue	22SOG0828		Donald House		New SOG	11-28-2022
	Continue	22SOG0827		Donald House		New SOG	11-28-2022

## After submitting INR

### INR status

The INR submitter will receive automated emails from ERCOT with status updates as the request moves through the modeling process as well as any requests for revisions to the INR. The user can also view status changes on the Interconnection Request List.

- Status updates for a submitted INR include:
  - Submitted to ERCOT
  - In Review
  - Approved for Production
  - In Production

### Confirming new SODG in production Network Model

After the PLD for the newly created SODG, the INR submitter is encouraged to verify that the SODG is included in the real-time settlements for the associated QSE. ERCOT will verify that the SODG is in the production Network Model, but it is the responsibility of the RE/QSE to notify ERCOT if they notice a settlements issue for the SODG.

### Updating an existing SODG

To update an existing SODG, the RE must use the RIOO Resource Services application (RIOO – RS), which is accessed using the same RIOO user account. Refer to the [RIOO User Guide – Updating an Existing SODG](#) on the [Distributed Generation webpage](#) for details.



### Reporting issues

As ERCOT continues to develop the RIOO application, any functionality issues or suggestions for improvements can be sent via email to [RIOO-Help@ercot.com](mailto:RIOO-Help@ercot.com). Any significant updates to the application will be communicated through market notices.