



Creating an INR for a Generation Resource Under 10 MW

Version 12.31.21

ERCOT RIOO Interconnection Services Release Notes

December, 2021

ERCOT has released an updated version of Resource Integration and Ongoing Operations - Interconnection Services (RIOO - IS) that enables companies to propose a new electricity generation resource to interconnect to the Texas power grid that ERCOT manages.

Representing the company, an Interconnecting Entity (IE) or Resource Entity (RE) uses the RIOO - IS app to create and manage the generation interconnection request (INR) online. The ERCOT Integration Team reviews the INR and conducts studies, along with the Transmission or Distribution Service Provider who owns the power lines in the area, to understand the effect the resource may have on the grid and determine the economic feasibility of the project.

Updates Since the Last Release

- REs can create INRs as well as IEs.
- IEs and REs can submit INRs for distribution and transmission connected resources.

About this Guide

This guide provides information about performing the tasks in RIOO - IS to create and submit the online interconnection request (INR) that proposes a new generation resource that is larger than 10MW to interconnect to the Texas power grid.

Updates in this Guide

This guide contains the creating an INR content formerly in the *Interconnection Services IE User Guide*. Since the last version of that content:

- The content for updating and adding information, attestations, and attaching additional documents to a submitted INR is now in a *Managing Your INR* guide available from the *Resource Integration* page on the ercot.com website.
- REs can create INRs as well as IEs.
- IEs and REs can submit INRs for distribution and transmission connected resources.

Delayed Features

The *Compliance With The Lone Star Infrastructure Protection Act Attestation* regarding ownership of the resource by certain foreign governments or citizens that IEs/REs must sign is currently not available as part of the INR flow. This attestation is currently available in a request for information (RFI) as a downloadable form that must be signed and uploaded to the INR as an attachment.

Supporting Documentation

RIOO Services documentation available from the *Resource Integration* page of the ercot.com website:

- *IE Sign Up Guide for RIOO Services*
- *RE Sign Up Guide for RIOO Services*
- *TSP/DSP Sign Up Guide for RIOO Services*
- *Managing Your RIOO Services User Account*
- *Creating an INR for a Generation Resource Under 10MW*
- *Creating an INR for a Generation Resource Over 10MW*
- *Managing Your INR as an IE/RE*
- *Managing INRs as a TSP/DSP*

Table of Contents

Understanding the INR Process..... 1

Before Starting Your INR 2

 Sign Up for a RIOO Services User Account 2

 Have Documents Available to Attach and Upload..... 2

 Check for Electronic Payment Debit Blocks..... 3

Starting Your INR Project Request..... 4

Providing the Basic INR Information..... 7

Identifying the Location of the Resource..... 11

Entering Company Information..... 12

 Supply the Company Type and Your Name 12

 Invite a Backup and Others to Join Your Project (*IEs Only*) 13

Reviewing Your Basic INR Information..... 14

Electronically Signing the INR Application 15

 Sign the Generation Entity Information Sheet..... 15

 Sign the Department of Defense Notice 16

 Adding Payment Information and Submitting Your INR..... 17

Continuing On..... 21

 Managing Your INR Information..... 21

 Managing Your RIOO User Account Information, Phone Number or MFA..... 21

Index..... 22

Understanding the INR Process

The online INR application starts with setting the size of the resource as small or large and if it will be transmission or distribution connected to the grid, and then identifying the fuel and technology powering the resource, the megawatts it will be injecting into and withdrawing from the grid, and the estimated time frame when it available to the grid market operations. You must upload and attach your resource asset registration forms, proof you control the resource site location, and your one-line diagram that shows the facility plan as well as other supporting documents as requested on an Attachment page.

After identifying the resource location (Texas county, latitude and longitude coordinates, and interconnection point) and some company information, you can review the information you are submitting and make edits as necessary before you electronically sign and submit the INR.

As you finish entering information on a page, clicking the **Continue** button saves the information entered and displays the next page to complete. If you do not finish a page before completing the application, the INR displays on your *Interconnection Request List* with your saved information and a button to **Finish INR Later**. Note that the **Continue** button becomes **Save and Continue** on the pages you finish later.

As you supply information and make selections about the generation resource, you can track your progress using the options at the top of each page, which is helpful if you pause and want to continue the application process later.



After you electronically submit your INR with your fee payment, ERCOT has 10 days to review it for technical accuracy. ERCOT may start corresponding with you about modifications to various entries before the request is considered accepted.

Each time ERCOT sends questions or concerns, an alert will display in your INR List along with the action to view it and respond. When the INR application is deemed complete, ERCOT will send you an email about the INR and the next steps to take.

Before Starting Your INR

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

Sign Up for a RIOO Services User Account

If you are an:

- **Interconnecting Entity (IE)**, you must sign up online to create a RIOO - IS user account, that includes providing an email address as your user name and a self-created password as well as associating this login information with a multifactor authentication (MFA) app on your mobile phone that verifies your login attempts. Sign up instructions are available in the *Signing Up for a RIOO Services Account* (from the *Resource Integration* page on the ERCOT website).
- **Resource Entity (RE)**, ERCOT has started a RIOO - IS user account for you from the email address in your Market Participant Identity Management (MPIM) profile and assigned a generic password to it. Before you can access RIOO - IS, you must request that your USA add the RIOORS_M_Operator role to your MPIM profile. When you receive an email requesting that you verify the account, you can click the appropriate button and finish signing up for your RIOO - IS 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. Sign up instructions are available in the *Signing Up for a RIOO Services Account* (from the *Resource Integration* page on the ERCOT website).

 If you are not yet registered with ERCOT as an RE (that is, do not have an MPIM profile), you must sign up for a user account as an IE with an email address that is unique from any other ERCOT user email accounts you may have. For instructions, access the RIOO-IS IE Sign Up Reference (on the Resource Integration page on the ERCOT website).

Have Documents Available to Attach and Upload

While creating your INR, you are required to attach:

- Your one-line diagram schematic that shows your resource equipment and configuration
- Updated resource asset registration worksheets, or RARF
- Documentation proving you control the resource site location
- Signed Compliance With The Lone Star Infrastructure Protection Act attestation (available in an RFI)

 *Managing Your INR as an IE or RE* contains instructions for attaching and uploading documents after you have submitted your INR (available from the *Resource Integration* page of the ercot.com website).

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 of your INR.

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

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

Starting Your INR Project Request

After logging into the RIOO app and connecting to Interconnection Services, you can start your INR.

Access the RIOO - IS App

The screenshot shows the ERCOT website footer. A callout box with a red border and the number '1' contains the text: "Scroll to the bottom of any ercot.com website page and click **Resource Integration & Ongoing Operations Resource Services**." The callout box has a red arrow pointing to a link in the 'QUICK LINKS' section of the footer, which is circled in red. The footer also includes sections for 'About ERCOT', 'Contact Us', 'QUICK LINKS', and 'STAY CONNECTED'.

Log Into Your Account

The screenshot shows the ERCOT Interconnection Services login page. It features the ERCOT logo, the text 'Interconnection Services', and buttons for 'Log In' and 'Sign Up'. There are two input fields: one for an email address (containing 'yours@example.com') and one for a password (containing 'your password'). A 'Don't remember your password?' link is below the password field. At the bottom, there is a red 'LOG IN >' button. Three numbered callout boxes provide instructions: '1 Type in your email address for the user name.', '2 Type in password you set this account.', and '3 Click LOG IN >.'

If you cannot log in after 10 tries, the YOUR ACCOUNT HAS BEEN BLOCKED AFTER MULTIPLE CONSECUTIVE LOGIN ATTEMPTS message displays. Open a Help Desk ticket that tells them you are blocked by your MFA and that Operations should unblock your ID.)

Verify Your Login On Your Smart Phone

Use the MFA you signed up with:

- 1 Open **Guardian Auth 0** on your phone to locate the **Interconnection Services** message and swipe the >
- 2 Tap **Allow**.

- 1 Open **Authenticator** on your phone and locate the ERCOT message.
- 2 Type the code displayed in the MFA in the ERCOT page.

- 1 Open your phone and locate the ERCOT message.
- 2 Type the code displayed in the MFA in the ERCOT page.

Select Interconnection Services from the Welcome Page

RIOO
Hello, Maloney Lyn | My Account | Log Out | Help

Interconnection Services
Update or add registration data

Resource Services
Update or view your existing resource data.

- 1 Click **Interconnection Services**.

Start the INR from Your Interconnection Request List

ercot Your Interconnection Requests Hello, [User] My Account Log Out

Home Interconnection

Interconnection Request List

Show 10 entries

Showing

Alert	Actions	INR Number	Project Name	Primary Name	Company	% in Process	Status	Last Updated

Start New INR Request

- Start as IE
- Start as RE

1 Click the **Start New INR Request** button and click the appropriate **IE** or **RE** option.

Set Your Application Type

ercot Create New Interconnection Request Hello, User Name My Account Log Out

Home Interconnection Project General Location Company and Invite Review E-Sign Invoice Payment

Let's set your application type

Company Select your company for this project? (Required)

Select Company

1 *RE ONLY:* Click the name of the company from the drop down.

What size is your project?

New

10 MW or larger - Large Generation

1 up to 9.999 MW - Small Generation

2 Click **10 MW Or Larger.**

How will your project be connected?

Connection

Transmission Connected

Distribution Connected

3 Click the appropriate connection option

Today I plan to do the following phases for my project

SS - Screening Study Only

SS and Full Interconnection Study

4 Click the appropriate study option.

After you complete the top options, this section displays.

Your application type is: **0883053323000-TGR-LG**

Company	Future Electric	0883
Gen Type and Connection	Transmission Generator	TGR
Size	10 MW or larger	LG

Start Over **Let's Go!**

5 Click **Let's Go.**

Providing the Basic INR Information

The basic INR information includes a project name that is unique across the grid and the technology and fuel to be used by the generation resource as well as the megawatt output of the resource, the estimated date when the resource will be operational and interconnected to the grid and the one line schematic of the resource equipment.

Provide the Project Name, Fuel Type, and Technology Type Date

 Create New Interconnection Request
Hello, User Name | My Account  | Log Out 

Home 
Interconnection 
Project General
Location
Company and Invite
Review
E-Sign
Invoice
Payment

General Information MW Dates Attachments

Let's get started on your general project information

All fields are required unless marked optional

Application Type
0883053323000-TGR-LG

Project Name (Required)

1 Type in a name for this INR project to display on all documents. The name must be unique across the grid.

Fuel Type

Select Fuel Type 

- Biomass
- Coal
- Fuel Oil
- Gas
- Geothermal
- Hydrogen
- Nuclear
- Petcoke
- Solar
- Water
- Wind
- Other

2 Select the type of fuel the resource uses.

Technology Type

Select Technology Type 

- Battery Energy Storage
- Combined-Cycle
- Combustion (gas) Turbine, but not part of a Combined-Cycle
- Compressed Air Energy Storage
- Concentrated Solar Power
- Energy Storage
- Fuel Cell
- Hydroelectric Turbine
- Internal Combustion Engine, eg. Reciprocating
- Photovoltaic Solar
- Steam Turbine other than Combined-Cycl
- Wind Turbine
- Other

3 Select the technology of the resource.

4 Click **Continue**.

Continue

Back
Delete INR

Identify the Generator MW Information

ercot Create New Interconnection Request Hello, User Name My Account | Log Out

Home Interconnection **Project General** Location Company and Invite Review E-Sign Invoice Payment

General Information **MW** Dates Attachments

Project Information - what you told us about your project

Application Type	0783053323000-TGR-LG
Project Name	Wind Stations
Fuel Type	Wind
Technology Type	Wind Turbine

Now let's work on the MWs for your site

Maximum Generator MW (Required) <input type="text"/>	Maximum Summer Generator MW <input type="text"/>	Maximum Winter Generator MW <input type="text"/>
---	---	---

1 Type in the MW capacity of the resource.

2 Type in the incremental capacity change that can occur during the summer (which cannot exceed the overall MWs).

3 Type in the incremental capacity change that can occur during the winter (which cannot exceed the overall MWs).

4 Click **Continue**.

Estimate Your Energization, Synchronization, and Commercial Operations Date

 Create New Interconnection Request
Hello, User Name | My Account  | Log Out 

Home  Interconnection 
Project General Location Company and Invite Review E-Sign Invoice Payment

General Information MW Dates Attachments

All fields are required unless marked optional

Project Dates - what are the target dates for your project

Energization Date (Required)

The **Energization Date** estimates when the resource facility's equipment will initially connect to the grid at the POI. This date must be at least 10 days from the Synchronization Date (150 days from the COD).
 Reminder: This date must be coordinated with the TSP's PLD for their side of the POI to allow time to resolve issues with telemetry or other operational issues before synchronization.

Synchronization Date (Required)

The **Synchronization Date** estimates when the resource facility's new equipment will initially inject power to the ERCOT System. The date must be at least 130 days before commercial operations begin.

Commercial Operation Date (Required)

The **Commercial Operations Date (COD)** estimates when construction and trial operation of the resource will be completed; when your resource is expected to complete the resource interconnection process; and when you are approved for participation in ERCOT market operations. If an exact date is not known, enter the last day of the month in the COD is expected.

1 For each date above, type in the estimated mm-dd-yyyy.
Or, click the calendar.

- A** Select the appropriate **Month** and **Year** from the drop downs.
- B** Click the appropriate day on the calendar.

2 Click **Continue**

Attach Required Documents

ercot Create New Interconnection Request
Hello, User Name | My Account | Log Out

Home Interconnection Project General Location Company and Invite Review E-Sign Invoice Payment

General Information MW Dates Attachments

Attachments - what are the required attachments for your project

Please note:

All interconnection requests must complete the request for information (RFI) related to the Lone Star Infrastructure Protection Act. If you have not received this RFI please contact ERCOT.

- An update RARF with FIS related fields completed
- A one-line
- Site Control documents

Attachments

File Name	Type	User	Attached On

1 Click the **file type** drop down and click **RARF**.

Select file type

▼

+ Choose File

2 Click the active **Choose File** button.

3 In the window the system displayed, locate your file and click it and click **Save**.

4 Click the **file type** drop down and click **One-Line**.

5 Click the active **Choose File** button.

6 In the window the system displayed, locate your file and click it and click **Save**.

7 Click the **file type** drop down and click **Proof of Site Control**.

8 Click the active **Choose File** button.

9 In the window the system displayed, locate your file and click it and click **Save**.

10 Click **Continue**.

Back

Delete INR

Continue

Just uploaded the wrong file? Use the trash can icon in the list to remove it.

Identifying the Location of the Resource

To display the location precise location on the map, you can search using the northern latitude and western longitude coordinates of the resource or manually point to it on the map and drop a pin to mark the location. If you do not know the latitude/longitude coordinates, you can search for the address in a Google browser.

ercot **Create New Interconnection Request**
Hello, User Name My Account Log Out

Home Interconnection Project General **Location** Company and Invite Review E-Sign Invoice Payment

Project Location - where do you plan to locate your project

County

Williamson
v

Search By Latitude, Longitude

or you can click on the map where you plan to locate your substation



Latitude: 30.7591685 Longitude: -97.69822719999999

Load / Load Transformer

POI KV

1 Select the county from the drop down. (The map will display.)

2 To locate the resource site on the map, type in the decimal notation of the latitude and longitude coordinates in the following format: 30.56841, -97.7831
Note that the longitude must be a negative number to denote its western location from the prime - *OR* - click the location on the map to place a pin and double check that the correct coordinates display below the map.

3 Type the street address or a description that identifies where the **Load/Load Transformer** connects to the grid (such as, 800 Airport Rd or NE corner of Airport Dr and Hwy79).

4 Type in the primary kilovolt level at the point of interconnection.

5 Click **Continue.**

Back
Delete INR

Continue

Entering Company Information

Both IEs and REs must provide information about their company. IEs must also provide a backup contact in the company who will be available to answer questions and fill in INR information if you (the primary contact) is not available. You can also add more contacts that can work on your INR as backups as well as contacts who can view the INR information.

Supply the Company Type and Your Name

ercot Create New Interconnection Request Hello, User Name | My Account | Log Out

Home | Interconnection | Project General | Location | **Company and Invite** | Review | E-Sign | Invoice | Payment

Company and Invite | Invite Others

The **Invite Others** option displays for IEs only

Company - who will be working with us on your project

Type of Company (Required)

Interconnecting Entity Name (Required)

Parent or Holding Company Name (Required)

1 Select **LLC** or **Other** from the drop down.

2 Type in your full name.

3 If this is an LLC, type in the name of your parent or holding company.

4 Click **Continue**

Invite a Backup and Others to Join Your Project (*IEs Only*)

If this *Invite* page displays, you must enter the email address of a person in your company who will be available to answer questions and fill in INR information if you are not available. You can also add more people that can work on your INR as well as contacts who can view the information.

 REs will not see this step. Their company backup contacts are listed in their MPIM profile.

 Create New Interconnection Request
Hello, User Name My Account  Log Out 

Home  Interconnection 
Project General Location Company and Invite Review E-Sign Invoice Payment

Company and Invite Invite Others

Invite Others - who will help you document your project

Invite others by email to help you with your project.

- The people you invite will be able to view or edit this interconnection request.
- ERCOT requires you invite at least one additional person as a backup contact on your project.
- Backup Contacts - can view and edit on this request

Primary Contact Email - lynretest1g@outlook.com

Invite My Backup by Email (Required)

lyn@ercot.com

 Invite more people by email

1 Type in the email address of a person in your company who is the backup to work with your INR.
This Backup will receive an email with instructions on accepting this invitation

2 Click **Invite more people by email** to display fields to add more contacts who can view or work with the INR.

Invite by Email (Required)



3 Type in the email address of a person to invite to serve as a Contact for this INR.
Each contact will receive an email with instructions on accepting this invitation and how to create RIOO - IS account.

The email above is a

Contact **Backup Contact**

- Contacts - can only view on this request
- Backup Contacts - can view and edit on this request

4 Click the appropriate **Contact** or **Backup Contact** option for this person.

5 Click **Continue**

Back
Delete INR

Continue

Reviewing Your Basic INR Information

The *Review* page summarizes the INR project information you have entered and identifies if you must visit a section again to add information or make edits.

Create New Interconnection Request
Hello, User Name | My Account | Log Out

Home
Interconnection
Project General
Location
Company
Review
E-Sign
Invoice
Payment

Review and Finish Your Changes

INR Number: 23INR0500
 Interconnection Entity: xxxx xxxxx
 Parent Company: XXXXXXXX, Inc.
 Resource Integration Eng.
 Account Manager
 Transmission Svc. Provider

Project Information - what you told us about your general project and MWs

General Information

Application Type: TGR-LG
 Project Name: BIG SOLAR
 Fuel Type: Solar
 Technology Type: Steam Turbine other than Combined-Cycl

MW's Update

Project has a Load Increase: No
 Maximum Generator MW: 95
 Maximum Summer Generator MW: 95
 Maximum Winter Generator MW: 95

Dates Update

Energization Date: 05-20-2023
 Synchronization Date: 08-12-2023
 Commercial Operation Date: 12-16-2023

Attachments Update

File Name	Type	Attached on
RARF_Gen_Form.xls	RARF	12-23-2021
onlinediagram.png	One-line	12-23-2021
ProofOfSiteControl.pdf	Proof of Site Control	12-23-2021

Project Location - what you told us about your general project and MWs Update

Location

County: Williamson
 Latitude: 30.568341
 Longitude: -97.783148
 POIB - Point of Interconnection Bus: NE corner of Lake Street and Hwy 79 intersection
 POI kV: 230

Map



Company - who will be working with us on your project Update

Company

Type of Company: OTH
 Interconnecting Entity Name: xxxx xxxxx
 Parent or Holding Company Name: XXXXXXXX, Inc.

Back
Delete INR
Print Form

1 Carefully review this information to be sure it is correct for your project.

2 If a red edit button displays next to a section, click the button to display that page and correct your errors.

3 Click Continue.

Electronically Signing the INR Application

When you sign the Generation Entity Information Sheet, you are agreeing to become an eligible power transmission provider customer and to provide ERCOT with the most current data as well as comply with all regulations. For the DoD Notification, you must select an option and then sign the notice.

Sign the Generation Entity Information Sheet

Create New Interconnection Request
Hello, User Name | My Account | Log Out

Home
Interconnection
Project General
Location
Company and Invite
Review
E-Sign
Invoice
Payment

Generation Entity Information
Declaration of Department of Defense

Generation Entity Information Sheet

Transmission Customer (Generating Entity):	
Contact Person:	
Company:	
Phone Number:	
Extension:	
Requested Transmission Energization Date:	12-16-2023

xxxx xxxxx is, or will be upon commencement of service, an eligible customer. An eligible customer is any of the following: the transmission provider (for all uses of its transmission system) and any electric utility, federal power marketing agency, exempt wholesale generator, qualifying facility, or power marketer. An eligible customer may designate an agent to represent it in arranging for interconnection.

Accurate/appropriate information and test data about generator step-up transformers, all generator data including data for stability studies (transient, voltage, etc.) and sub-synchronous resonance data will be provided to ERCOT and interconnected TSP before the generation goes into commercial operation. I understand that all of this data will become public and added to the ERCOT databases (including power flow base cases, stability, system protection, Capacity, Demand, and Reserve Report, etc) when an interconnection agreement is signed. This data shall be reviewed and updated when the plant goes into commercial operation. In addition, any updates to this information will be provided within 60 days to ERCOT and the TSP as changes or upgrades are made during the life of the plant. This requirement also applies to all future owners of this project/plant.

The generating entity and any future owners of the plant agree to comply with these data requirements along with all applicable ERCOT and NERC requirements, including, without limitation, those contained in the ERCOT Protocols and ERCOT Operating Guides. It is understood and agreed that such requirements are subject to change from time to time, and such changes shall automatically become applicable based upon the effective date of the approved change.

By typing your full name and date below you are digitally signing and agree to the information presented in this document

Name (Required)

1 After carefully reading this form and verifying the information at the top, type in your full legal first, middle, and last name.

Back
Delete INR

Print Form
Continue

2 Click **Continue**.

Sign the Department of Defense Notice

ercot Create New Interconnection Request Hello, User Name My Account | Log Out

Home Interconnection Project General Location Company and Invite Review E-Sign Invoice Payment

Generation Entity Information Declaration of Department of Defense

Declaration of Department of Defense Notification

Please Review Carefully - you must digitally sign and submit with your change request

Interconnecting Entity (IE): xxxx xxxxx
 This declaration applies to the following proposed Generation Resource and Interconnection Request 23INR0500

Check the below listed attestation(s) which apply to the Generation Resource.

I hereby attest that: 1 Select the appropriate option.

This IE has notified the Department of Defense (DOD) Siting Clearinghouse of the above listed proposed Generation Resource and requested that it perform an Informal Review and/or Formal Review as described in 32 C.F.R. § 211.1 (2013).

This IE has notified the Department of Defense (DOD) Siting Clearinghouse of the above listed proposed Generation Resource and requested that it perform an Informal Review and/or Formal Review as described in 32 C.F.R. § 211.1 (2013).
 This IE has completed the formal review process for the Generation Resource with the Department of Defense (DOD) Siting Clearinghouse and Federal Aviation Administration (FAA), as described in 14 C.F.R. § 77.7 (2010) and 32 C.F.R. § 211.6 (2013); or

The above listed proposed Generation Resource is exempt from the requirement to seek review from the Department of Defense (DOD) and the Federal Aviation Administration (FAA), as described in 14 C.F.R. § 77.7 (2010) and 32 C.F.R. § 211.6 (2013).

By signing below, I certify that I am an officer, executive, or authorized employee with authority to bind the IE listed above, that I am authorized to execute and submit this declaration on behalf of each IE listed above, and that, to the best of my knowledge, the statements contained herein are true and correct.

Name (Required) Signature Date
 12-23-2021

2 Type in your full legal first, middle, and last name.

3 Click Continue.

Adding Payment Information and Submitting Your INR

ERCOT accepts credit card payments and electronic checks from your bank (often referred to as automated clearing house electronic funds transfers, or ACH, payments) online for your Screening Study. You can use your personal checking or savings, or a business account.

 In some cases, businesses have an automatic debit block for ACH transaction amounts on their bank account. Prior to submitting your INR, contact your financial institution to determine if your account has the ACH block. If such a block exists, have the financial institution send you the form to authorize the transactions you will be making with ERCOT. Use **Authorize.net** with ID **1911718107** for the Vendor Information and allow at least two business days for them to process the form before you submit your payment to RIOO IS.

 Before you submit your payment, you can delete this INR. After you submit the INR, you can cancel it; however, your payment is not refundable.

Review the Invoice

 Create New Interconnection Request
Hello, User Name | My Account  | Log Out 

 Home
 Interconnection
Project General
Location
Company and Invite
Review
E-Sign
Invoice
Payment



2705 West Lake Drive
Taylor, Texas 76574
(512) 248-3000

	INVOICE DATE	DUE TODAY
	December 23, 2021	\$6,425.00

DESCRIPTION	MW	PRICE
Screening Study	95	\$5,000.00
Full Interconnection Study	95	\$1,425.00

Note: Screening studies are \$5,000.00 for up to 150 MW and \$7,000.00 for over 150 MW studied. FIS studies are \$15.00 per MW.

TOTAL DUE: \$6,425.00

Back

Print Invoice

Continue to Payment

1 After you have reviewed the information, click **Continue to Payment**.

Payment Method Page

You have a choice of credit card or electronic check from your personal checking or savings account or business account.

Paying by Credit Card (Default)

 Create New Interconnection Request
Hello, User Name | My Account  | Log Out 

 Home
 Interconnection
Project General
Location
Company and Invite
Review
E-Sign
Invoice
Payment

Credit Card
 Bank Account (USA Only)



Card Number *

1 Type in your credit card number.

Exp. Date *

2 Type in the month/year that your card expires.

Card Code

3 Type in the 3-digit security code on the back of your card.

Billing Address

First Name

4 Type in your first name and last name as it appears on your card.

Last Name

4 Type in your first name and last name as it appears on your card.

Billing Country

5 Type in the 5-digit ZIP code for your billing address.

Zip

5 Type in the 5-digit ZIP code for your billing address.

Street Address

6 Type in the number and name of the street of your billing address

City

7 Type in the name of the city.

State

8 Type in the 2-letter abbreviation of the state

Phone Number

9 Type in your contact phone number (xxx) xxx-xxxx.

Email *

10 If your email address is not displayed, type in a valid email address.

11 Click Pay.

Pay

Cancel

Paying by Electronic Check (ACH)

ercot Create New Interconnection Request Hello, User Name My Account Log Out

Home Interconnection Project General Location Company and Invite Review E-Sign Invoice Payment

Credit Card **Bank Account** (USA Only) **1 Click Bank Account**

Bank Name Name On Account *
2 Type in the name of the bank. **3 Type in your name as shown on your bank account or business name if the check is being drawn on your business account.**

Account Number * ABA Routing Number *
4 Type in the number of the account to use. **5 Type in the routing number of the bank.**

Bank Account Type
Personal Checking **6 Select the type of the account from the drop down.**
Personal Savings
Business Checking

Billing Address

First Name Last Name
7 Type in your first name and last name as it appears on your card.

Billing Country Zip
8 Type in the 5-digit ZIP code for your billing address.

Street Address City
9 Type in the number and name of the street of your billing address. **10 Type in the name of the city that corresponds to your billing address.**

State Phone Number
11 Type in the 2-letter abbreviation of the state. **12 Type in your billing phone number (xxx) xxx-xxxx.**

Email * **13 If your email address is not displayed, type in a valid email address.**

14 Click Pay.

View the Payment Confirmation

ercot Create New Interconnection Request Hello, User Name My Account  | Log Out 

[Home](#) [Interconnection](#) [Project General](#) [Location](#) [Company and Invite](#) [Review](#) [E-Sign](#) [Invoice](#) [Payment](#)

Thank you for your payment

Payment confirmation number: 40026516640 

Your project's Interconnection Request Number is: 20INR0204

Access your [Interconnection Request List](#) anytime to view your project's status.

[Back to Interconnection List](#) **1 Click Back to Interconnection List.**

Continuing On

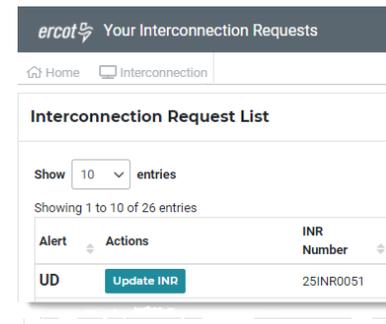
After receiving your submitted INR, ERCOT has 10 days to review the INR to be sure all fields are complete with the required information. If any questions or issues arise, ERCOT sends you an email about required input and places the update alert (UD) in your *Interconnection Request List* along with the Update INR button to respond.

To modify details or add new information, you must submit change requests to the INR from your *Interconnection Request List*. Refer to *Managing Your INR as an IE or RE* (available from the *Resource Integration* page on the ercot.com website).

To stop ERCOT from processing your request at this point, you can click **View Interconnection Request** page from the View drop down and click **Cancel** on the *Review* page displayed .

If you have not submitted the INR yet, you can click **Finish INR** and then click **Delete INR** from any page.

When the INR is deemed materially complete, ERCOT sends you an email notifying you that the INR is accepted and starts your Screening Study.



Managing Your INR Information

After your INR is submitted, you can manage the INR to:

- Request the full interconnection study (FIS) suite if applicable
- Change details (like the project name or commercial operations date)
- Add an air quality permit, a greenhouse gas permit, or other attachments.
- Manage your project backup or other contacts (*IE Only*)
- Report a change of ownership
- Attest that your information is current
- Upload Attachments

For details about requesting these changes, refer to *Managing Your INR as an IE or RE* (available from the *Resource Integration* page on the ercot.com website).

Managing Your RIOO User Account Information, Phone Number or MFA

To change your MFA login authentication, your phone number, or name, refer to *Managing Your User Account* (available from the *Resource Integration* page on the ercot.com website).

Index

- attachmemts, 10
- Commercial Operation Date, setting, 9
- company information, 12
- county location, 11
- documents, attaching, 10
- energization date, 9
- fuel type, 7
- IE,RE name, 12
- INR
 - basic information, 7
 - electronically signing, 15
 - invoice, 17
 - MWs, 8
 - payment, 17
 - payment denied by financial institution, 17
 - project dates, 9
 - reviewing, 14
 - submit, 17
- invoice, 17
- latitude, longitude, 11
- load transformer, 11
- location map, 11
- megawatt output, 8
- MWs
 - setting for project, 8
- name of IE/RE, 12
- naming the project, 7
- payment debit block, 3
- payment not taken by bank, 17
- payment types for INR, 17
- payments not processed, 3
- POI KV, 11
- project dates
 - COD, 9
 - energization, 9
 - synchronization, 9
- project name, 7
- review INR, 14
- signing INR, 15
- submit INR, 17
- synchronization date, 9
- technology involved, 7
- uploading files, 10

