



# **RIOO User Guide – Creating a New Load Resource**

**Version 1.0**  
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# ERCOT RIOO Interconnection Services

To create a new Load Resource (LR) and to get it interconnected to the ERCOT Network Model, the Resource Entity (RE) representing the LR 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 LR. 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 LR 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 LR to interconnect to the ERCOT Network Model. Any sample data used to demonstrate the application is fictitious and does not represent actual LR 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.

Customers who can change their load in response to an instruction and can meet certain performance requirements may qualify to become LRs. Qualified LRs may participate in ERCOT's real-time energy market (Security-Constrained Economic Dispatch, or SCED) and/or qualify to provide any of the following Ancillary Services: Non-Spinning Reserve (Non-Spin), Regulation Down Service (Reg-Down), Regulation Up Service (Reg-Up) and Responsive Reserve (RRS).

In the ERCOT markets, the value of a Load Resource's load reduction is equal to that of an increase in generation by a generating plant. LRs in SCED submit bids to buy power "up to" their specified level and are instructed by ERCOT to reduce Load if wholesale market prices equal or exceed that level. LRs that are scheduled or selected in the ERCOT Day-Ahead AS Market are eligible to receive a capacity payment regardless of whether they are actually curtailed.

# Table of Contents

Before starting your INR .....	4
Sign up for a RIOO Services User Account for a Resource Entity .....	4
Coordinate a Production Load Date (PLD) and Dispatch Asset Code (DAC) for each new LR.....	4
Logging into RIOO .....	5
Creating request for a new LR .....	8
Load Resource Info .....	10
Data Agg and Settlement Info .....	12
Mapping Information.....	14
Limits & Op Params.....	16
Esign .....	22
Check Application Progress.....	24
After submitting INR .....	26
INR status.....	26
Confirming new LR in production Network Model.....	26
Updating an existing LR.....	26
Reporting issues.....	26

## 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".

### Coordinate a Production Load Date (PLD) and Dispatch Asset Code (DAC) for each new LR

When creating an INR for a new LR, 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 LR.

- 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, LR submissions meeting the 45-day PLD schedule do not require the RE to submit the "RE\_Model\_Interim\_Update\_Request" form.
- The DAC will be a unique identifier provided by ERCOT for each new LR, and it must be included in the RIOO submission.

## Logging into RIOO

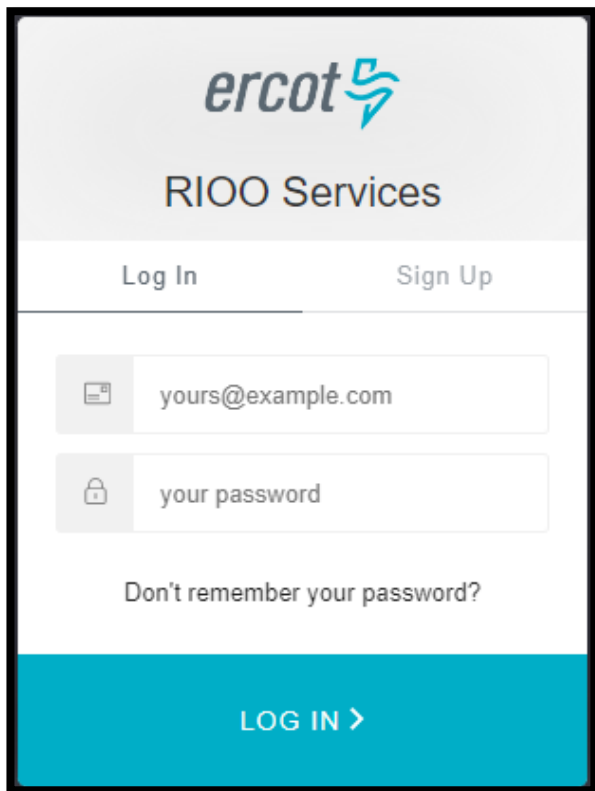
- There are two ways to access the RIOO application login screen:

The screenshot displays the ERCOT website interface. At the top, the navigation bar includes links for About ERCOT, Services, Committees and Groups, Market Rules, Market Information, Grid Information, and Market Participants. The Market Participants dropdown menu is highlighted with a red box, showing options: EMIL, MIS Log In, RIOO Log In (selected with a cursor), and Renewable Energy Credit. A red callout box with the number 1 points to this menu, stating: "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**".

Below the navigation bar, there are three main sections: Supply and Demand, Grid Conditions, and Combined Wind and Solar. Each section contains a graph or chart. The Grid Conditions section shows a green circular gauge indicating "OPERATING RESERVES: 7,271 MW".

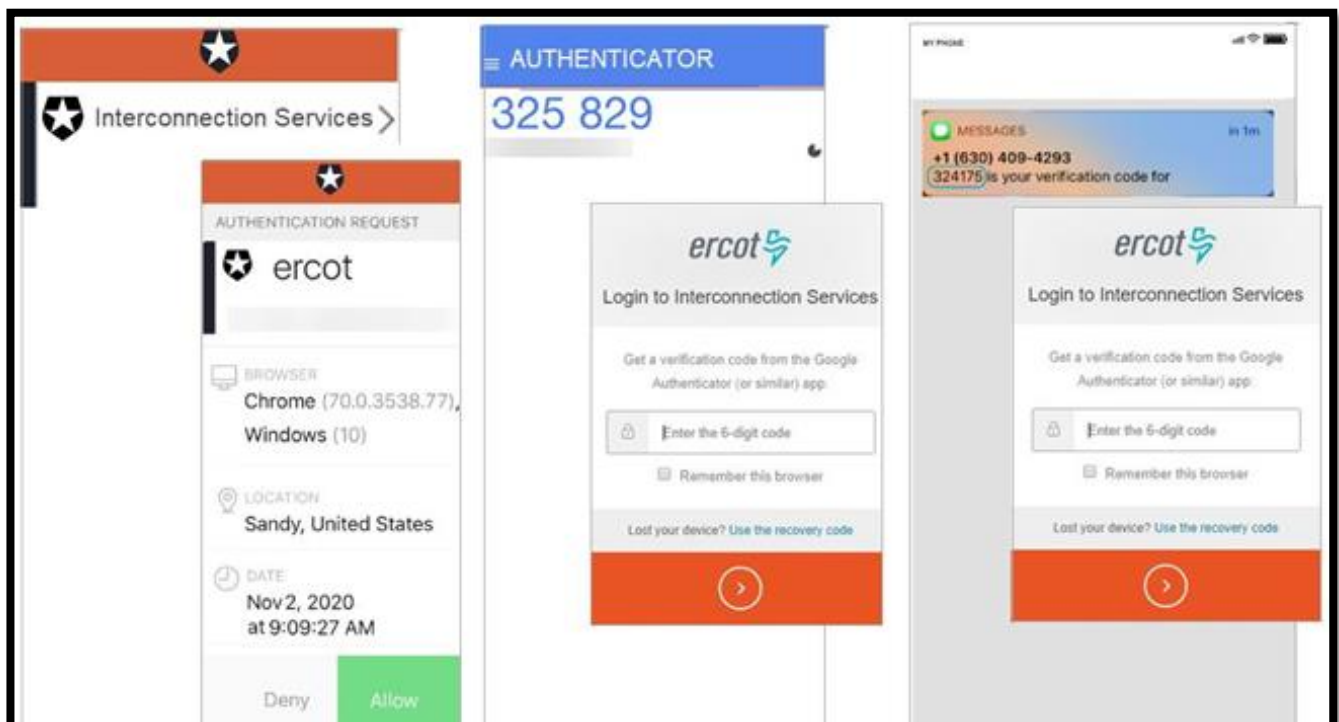
At the bottom of the page, there is a footer section with links for About ERCOT, Contact Us, Quick Links, and STAY CONNECTED. A red callout box with the number 2 points to the "Resource Integration & Ongoing Operations – Resource Services" link in the Quick Links section, stating: "2. Scroll to the bottom of any page on ercot.com; click **Resource Integration & Ongoing Operations – Resource Services**".

- Log into your RIOO account:



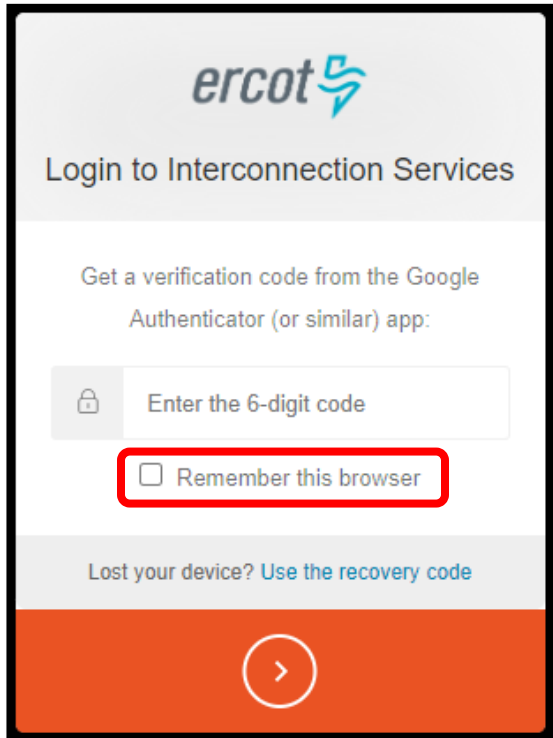
The screenshot shows the ERCOT RIOO Services login page. At the top is the ERCOT logo and the text "RIOO Services". Below this are two tabs: "Log In" (selected) and "Sign Up". The login form consists of two input fields: one for email (containing "yours@example.com") and one for password (containing "your password"). Below the password field is a link that says "Don't remember your password?". At the bottom of the form is a large blue button with the text "LOG IN >".

- 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).



This composite image illustrates the multi-factor authentication (MFA) process across three mobile device screens. The leftmost screen shows an "AUTHENTICATION REQUEST" from ERCOT, displaying browser information (Chrome 70.0.3538.77 on Windows 10), location (Sandy, United States), and date/time (Nov 2, 2020 at 9:09:27 AM), with "Deny" and "Allow" buttons at the bottom. The middle screen, titled "AUTHENTICATOR", displays a 6-digit code "325 829" and the ERCOT login page with a prompt to "Get a verification code from the Google Authenticator (or similar) app:" and an input field for the code. The rightmost screen shows a text message notification from "+1 (630) 409-4293" stating "324175 is your verification code for" and the same ERCOT login page with the input field.

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



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## Login to Interconnection Services

Get a verification code from the Google Authenticator (or similar) app:

☐ Remember this browser

Lost your device? [Use the recovery code](#)

>

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

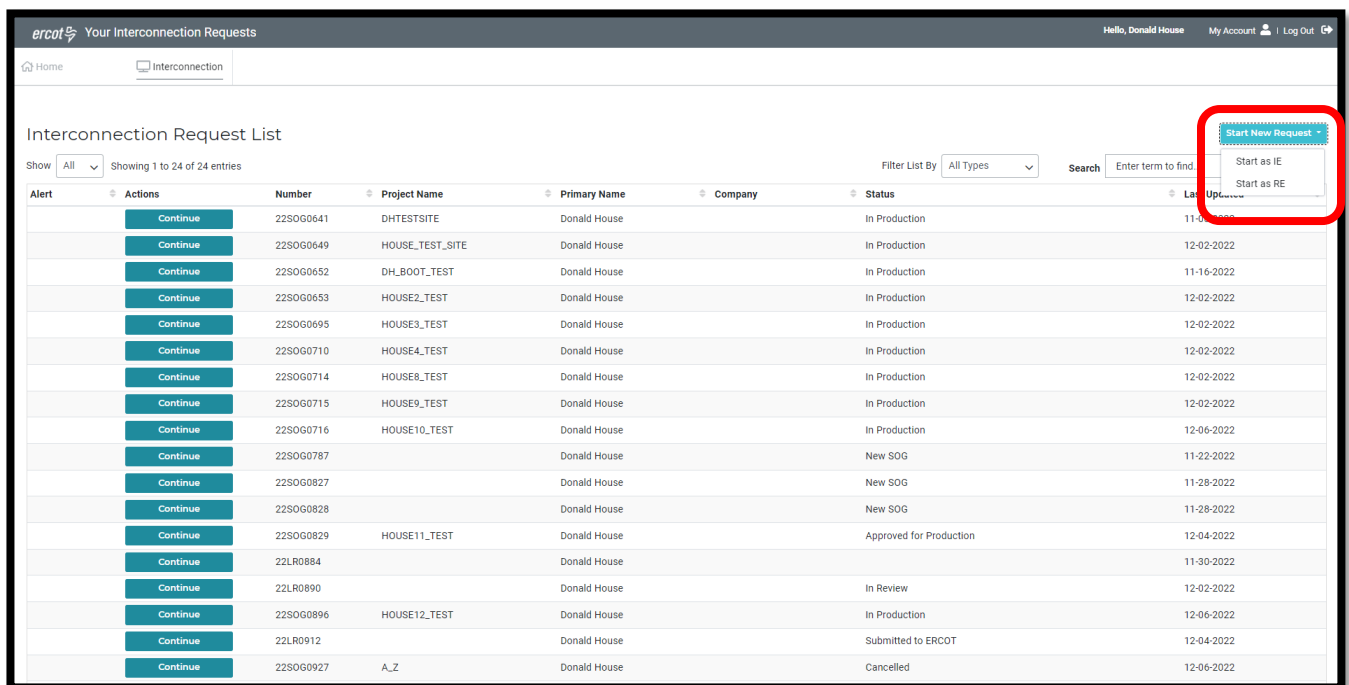


## Creating request for a new LR

- On the RIOO home screen, open Interconnection Services
  - Interconnection Services is used to create a new LR
  - Resource Services is used to update an existing LR
    - See “RIOO User Guide – Updating an Existing Load Resource” 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 **Load** under **What size is your project?**
- Click **Let's Go!** to be taken to the LR list screen

- On the LR 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

## Load Resource Info

- Click on **Start** to open the Load Resource Info summary screen
- Click on **+ Add Load Resource** and then on **Not Started** to open the data entry panel
  - Up to 40 LRs can be created in the same INR by completing the panels for each LR one at a time

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Interconnection Services

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

List **Load Resource Info**

Load Resource Information

Check Application Progress

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

Common Name for LR Physical Street Address for Point of Delivery (POD) Name of City for Point of Delivery (POD)

No data to display

**+ Add Load Resource**

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

Done

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Interconnection Services

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

List **Load Resource Info**

Load Resource Information

Check Application Progress

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

Common Name for LR Physical Street Address for Point of Delivery (POD) Name of City for Point of Delivery (POD)

**Not Started**

Delete

**+ Add Load Resource**

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

Done

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Interconnection Services

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

List **Load Resource Info**

Load Resource Information

Check Application Progress Save and Back

Common Name for Load Resource

Physical Street Address for Point of Delivery (POD)

You can't leave this empty

Name of City for Point of Delivery (POD)

You can't leave this empty

Spaces are allowed in the Common Name for Load Resource

Check Application Progress Save and Back

- Sample completed Load Resource Info panel

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Interconnection Services

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

Home | Load Resource

List | **Load Resource Info**

Load Resource Information

Check Application Progress | Save and Back

Common Name for Load Resource  
LR TEST NAME

Physical Street Address for Point of Delivery (POD)  
123 Station Rd.

Name of City for Point of Delivery (POD)  
Big Spring

Click **Save and Back** to return to the Load Resource Info summary screen

Check Application Progress | **Save and Back**

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Interconnection Services

My Account | Log Out | Help

Home | Load Resource

List | **Load Resource Info**

Load Resource Information

Check Application Progress

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

Common Name for LR	Physical Street Address for Point of Delivery (POD)	Name of City for Point of Delivery (POD)
LR TEST NAME	123 Station Rd.	Big Spring

+ Add Load Resource

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

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

Edit | Delete

**Done**

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Interconnection Services

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

Home | Load Resource

Back

List

Load Resource

Load Resource Info

Data Agg and Settlement Info

Mapping Information

Limits & Op Params

E-sign

Required | **Edit**

Required | Start

Required | Start

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

## Data Agg and Settlement Info

- Click on **Start** to open the Data Agg and Settlement Info summary screen
- Click on **Not Started** to open the data entry panel

Interconnection Services

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

List **Data Agg and Settlement Info**

Data Agg and Settlement Info

Check Application Progress

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

ERCOT Load Zone	Meter Reading Entity (MRE)	TSP

[Not Started](#)

Done

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

Interconnection Services

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

List **Data Agg and Settlement Info**

Data Agg and Settlement Info

Check Application Progress

Save and Back

ERCOT Load Zone

Select

You can't leave this empty

Meter Reading Entity (MRE)

Search MRE

You can't leave this empty

TSP

Search TSP

You can't leave this empty

ESI ID Assigned to Meter

and / or

Resource ID (RID)

You can't leave both ESI ID and RID empty

Load Information

Effective Date

Is load behind a NOIE settlement meter point?

☐ Yes ☐ No

Is load netted from generation at ERCOT read gensite?

☐ Yes ☐ No

You can't leave this empty

Is this a wholesale delivery point?

☐ Yes ☐ No

You can't leave this empty

Load Resource Controlling Device

Select

You can't leave this empty

Check Application Progress

Save and Back

Done

If the LR is behind a NOIE meter, the ESI ID is not needed

Use the calendar to select the requested **Effective Date** (this is the PLD); reminder to coordinate the date to align with a production model load

- Sample completed Data Agg and Settlement Info panel

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Interconnection Services

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

Home | Load Resource

List | Data Agg and Settlement Info

Data Agg and Settlement Info

Check Application Progress | **Save and Back**

ERCOT Load Zone  
West

Meter Reading Entity (MRE)  
ONCOR ELECTRIC DELIVERY COMPANY LLC (TDSP)  
MRE DUNS: 1039940674000

TSP  
ONCOR ELECTRIC DELIVERY COMPANY LLC (TDSP)  
TDSP DUNS: 1039940674000

ESI ID Assigned to Meter  
111222333444555

and / or

Resource ID (RID)  
1112223334445550001

Load Information

Effective Date  
12-16-2022

Is load behind a NOIE settlement meter point?  
☐ Yes ☒ No

Is load netted from generation at ERCOT read gensite?  
☐ Yes ☒ No

Is this a wholesale delivery point?  
☐ Yes ☒ No

Load Resource Controlling Device  
Control Technology / Interruptibl

The MRE and TSP DUNS #s are populated to match the user selections

Click **Save and Back** to return to the Data Agg and Settlement Info summary screen

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Interconnection Services

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

Home | Load Resource

List | Data Agg and Settlement Info

Data Agg and Settlement Info

Check Application Progress

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

ERCOT Load Zone	Meter Reading Entity (MRE)	TSP
West	ONCOR ELECTRIC DELIVERY COMPANY LLC (TDSP)	ONCOR ELECTRIC DELIVERY COMPANY LLC (TDSP)

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

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

**Edit** **Done**

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Interconnection Services

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

Home | Load Resource

Back

List

Load Resource

Load Resource Info

Data Agg and Settlement Info

Mapping Information

Limits & Op Params

E-sign

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

The TSP entered on the Data Agg panel is populated on the Mapping Information panel. A red **Edit** button is displayed for Mapping Information indicating that further info is needed.

Required **Edit**

Required **Edit**

Required **Edit**

Required Start

Required Start

Check Application Progress

## Mapping Information

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

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Interconnection Services

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

List **Mapping**

Mapping Information

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

Transmission Service Provider

ONCOR ELECTRIC DELIVERY COMPANY LLC (TDSP)

Is this a Private Use Network (PUN)?

Substation Code for POD

Check Application Progress

Edit

Done

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

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Interconnection Services

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

List **Mapping**

Mapping Information

All fields are required unless marked optional

Transmission Service Provider

ONCOR ELECTRIC DELIVERY COMPANY LLC (TDSP)

Is this a Private Use Network (PUN)?

Substation Code for POD

Substation Code for POD can't be empty

Substation Name for POD:

Transmission Information

Transmission Bus POD ~ PTI Bus #

PTI bus number can't be empty

Transmission Station Voltage

Transmission Voltage can't be empty

Transmission Station Load Name in Network Operations Model

Field can't be empty

Dispatch Asset Code

Dispatch Asset Code can't be empty

Check Application Progress

Save and Back

Save and Back

- Sample completed Mapping Information panel

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Interconnection Services

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

Home | Load Resource

List | **Mapping**

Mapping Information

Check Application Progress | **Save and Back**

All fields are required unless marked optional

Transmission Service Provider  
ONCOR ELECTRIC DELIVERY COMPANY LLC (TDSP)

Is this a Private Use Network (PUN)?  
☐ Yes ☒ No

Substation Information

Substation Code for POD  
BCATWIND

Substation Name for POD: BOBCAT BLUFF

Transmission Information

Transmission Bus POD ~ PTI Bus #  
140401

Transmission Station Voltage  
34.5 kV

Transmission Station Load Name in Network Operations Model  
LOAD\_1

Dispatch Asset Code  
BCATWIND\_LD1

Check Application Progress | **Save and Back**

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

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Interconnection Services

My Account | Log Out | Help

Home | Load Resource

List | **Mapping**

Mapping Information

Check Application Progress

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

Transmission Service Provider	Is this a Private Use Network (PUN)?	Substation Code for POD
ONCOR ELECTRIC DELIVERY COMPANY LLC (TDSP)	No	BCATWIND

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

**Edit** **Done**

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

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Interconnection Services

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

Home | Load Resource

List | **Load Resource**

Load Resource Info

Data Agg and Settlement Info

Mapping Information

Limits & Op Params

E-sign

Required **Edit**

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

## Limits & Op Params

- Click on **Start** to open the Limits & Ops Params summary screen
- Click on **Not Started** to open the data entry panel
- User will choose the **Load Resource Type** as either **CLR** (controllable load resource) or **UFR/Interruptible** (under-frequency relay/interruptible)
  - This guide will show the associated data entry fields for each type

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Interconnection Services

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

List **Limits & Op Params**

Limits & Op Params

Check Application Progress

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

Total Load at POD	Interruptible Load	High Reasonability Limit

Not Started

Done

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

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Interconnection Services

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

List **Limits & Op Params**

Limits & Op Params

Check Application Progress

Save and Back

Dispatch Asset Code: BCATWIND\_LD1

Load Resource Type

Select

You can leave this empty

The Dispatch Asset Code is pre-populated from info provided on the Mapping Information panel

Choose between **CLR** or **UFR/Interruptible** for the **Load Resource Type**. Data entry fields will appear specific to the type selected.

Check Application Progress

Save and Back



## Load Resource Type = CLR

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Interconnection Services

Home Load Resource

Limits & Op Params

Limits & Op Params

Check Application Progress Save and Back

All fields are required unless marked optional  
Dispatch Asset Code: SCATWIND\_LD1

Load Resource Type  
CLR

Is this Load Resource an aggregated Resource?  
☐ Yes ☐ No  
You can't leave this empty

Maximum Loads

Load at POD  
MW  
You can't leave this empty

Interruptible Load  
MW  
You can't leave this empty

Reasonability Limits

High Reasonability Limit  
MW  
You can't leave this empty

Low Reasonability Limit  
MW  
You can't leave this empty

Reasonability Ramp Rate Limits

High Reasonability Ramp Rate Limit  
MW/min  
You can't leave this empty

Low Reasonability Ramp Rate Limit  
MW/min  
You can't leave this empty

CLR Resource Parameters

Max Deployment Time  
Hours  
You can't leave this empty

Max Weekly Energy  
MWhrs  
You can't leave this empty

Normal Ramp Rate Curves

MW Rating  
MW  
You can't leave this empty

Upward  
MW/min  
You can't leave this empty

Downward  
MW/min  
You can't leave this empty

Emergency Ramp Rate Curves

MW Rating  
MW  
You can't leave this empty

Upward  
MW/min  
You can't leave this empty

Downward  
MW/min  
You can't leave this empty

Check Application Progress Save and Back

Interruptible Load:  $\leq$  Load at POD and  $\leq$  HRL

HRL:  $\geq 0$ ,  $\geq$  HSL or MPC, and  $\geq$  LRL

LRL:  $\geq 0$  and  $\leq$  LSL or LPC (in most cases LRL=LSL=LPC=0)

LRRL:  $\leq 0$  HRRL

Max Weekly Energy:  $\leq$  Interruptible Load (MW) x 168 Hrs

ERRC Upward:  $\geq$  NRRC Upward,  $\geq$  LRRL and  $\leq$  HRRL

ERRC Downward:  $\geq$  NRRC Downward,  $\geq$  LRRL and  $\leq$  HRRL

- Sample completed Limits & Op Params panel (CLR)

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Interconnection Services

Home Load Resource

Limit Limits & Op Params

Limits & Op Params

Check Application Progress Save and Back

All fields are required unless marked optional

Dispatch Asset Code:BCATWIND\_LD1

Load Resource Type

CLR

Is this Load Resource an aggregated Resource?

☐ Yes ☒ No

Maximum Loads

Load at POD

25 MW

Interruptible Load

25 MW

Reasonability Limits

High Reasonability Limit

25 MW

Low Reasonability Limit

0 MW

Reasonability Ramp Rate Limits

High Reasonability Ramp Rate Limit

25 MW/min

Low Reasonability Ramp Rate Limit

5 MW/min

CLR Resource Parameters

Max Deployment Time

8 Hours

Max Weekly Energy

4200 MWhrs

Normal Ramp Rate Curves

MW Rating

25 MW

Upward

25 MW/min

Downward

25 MW/min

Emergency Ramp Rate Curves

MW Rating

25 MW

Upward

25 MW/min

Downward

25 MW/min

Click **Save and Back** to return to the Limits & Op Params summary screen

Check Application Progress Save and Back

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Interconnection Services

Home Load Resource

Limit Limits & Op Params

Limits & Op Params

Check Application Progress

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

Total Load at POD	Interruptible Load	High Reasonability Limit
25	25	25

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

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

Edit Done

## Load Resource Type = UFR/Interruptible

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Interconnection Services

Home Load Resource

Limit Limits & Op Params

Dispatch Asset Code: BCATWIND\_LD1

Load Resource Type: UFR/Interruptible

Maximum Loads

Total Load at POD:  MW

You can't leave this empty

Interruptible Load:  MW

You can't leave this empty

Reasonability Limits

High Reasonability Limit:  MW

You can't leave this empty

Low Reasonability Limit:  MW

You can't leave this empty

Non-CLR Resource Parameters

Min Interruption Time:  Hours

You can't leave this empty

Min Restoration Time:  Hours

You can't leave this empty

Max Weekly Deployments:

You can't leave this empty

Max Interruption Time:  Hours

You can't leave this empty

Max Daily Deployments:

You can't leave this empty

Max Weekly Energy:  MWh/yr

Min Notice Time:  Minutes

You can't leave this empty

Check Application Progress Save and Back

Check Application Progress Save and Back

Interruptible Load:  $\leq$  Load at POD and  $\leq$  HRL

HRL:  $\geq 0$ ,  $\geq$  HSL or MPC, and  $\geq$  LRL

LRL:  $\geq 0$  and  $\leq$  LSL or LPC (in most cases LRL=LSL=LPC=0)

Max Interruption Time  $\geq$  Min Interruption Time

Max Weekly Energy:  $\leq$  Interruptible Load (MW) x 168 Hrs

- Sample completed Limits & Op Params panel (UFR/Interruptible)

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Home Load Resource

Limit Limits & Op Params

Check Application Progress Save and Back

All fields are required unless marked optional  
Dispatch Asset Code: BCATWIND\_LD1

Load Resource Type  
UFR/Interruptible

**Maximum Loads**  
Total Load at POD  
25 MW  
Interruptible Load  
25 MW

**Reasonability Limits**  
High Reasonability Limit  
25 MW  
Low Reasonability Limit  
0 MW

**Non-CLR Resource Parameters**  
Min Interruption Time  
1 Hours  
Min Restoration Time  
3 Hours  
Max Weekly Deployments  
7  
Max Interruption Time  
24 Hours  
Max Daily Deployments  
1  
Max Weekly Energy  
4200 MWhrs  
Min Notice Time  
10 Minutes

Check Application Progress Save and Back

**ercot** Interconnection Services

Home Load Resource

List Limit Limits & Op Params

Check Application Progress

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

Total Load at POD	Interruptible Load	High Reasonability Limit
25	25	25

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

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

Edit Done

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Interconnection Services

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

Home

Load Resource

Back

List

Load Resource

Load Resource Info	Required	Edit
Data Agg and Settlement Info	Required	Edit
Mapping Information	Required	Edit
Limits & Op Params	Required	Edit
E-sign	Required	Edit

Check Application Progress

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

## Esign

- ERCOT Protocol Section 3.6.1 requires each RE that represents a Load as a LR to complete the Attestation Regarding Critical Load Status for each LR represented by the RE; this attestation is built into RIOO and must be completed by the RE as part of the submission
- Click on **Edit** to open the Esign summary screen
- Click on the **pencil Edit icon** to open the Esign data entry panel

- Sample completed Esign form

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Interconnection Services

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

Home | Load Resource

List **Esign**

### Attestation Regarding Critical Load Status

Check Application Progress | **Save and Back**

As required by Protocol Section 3.6.1, each Resource Entity that represents a Load Resource or that is registering a Load as a Load Resource must complete this form and return it to ERCOT for each Load Resource represented by the Resource Entity.

**For existing Load Resources**  
Dispatch Asset Code  
BCATWIND\_LD1

**For existing and proposed Load Resources**  
ESI ID or Non-settlement ESI ID Associated With This Load  
111222333444555

**Please check the appropriate condition for the existing or proposed Load Resource:**

- ☒ 1. The Load Resource is not located behind an Electric Service Identifier (ESI ID), including a non-settlement ESI ID, that corresponds to a Critical Load.
- ☐ 2. The Load Resource is located behind an ESI ID, including a non-settlement ESI ID, that corresponds to a Critical Load, but the Load Resource is not a Critical Load and does not include a Critical Load.
- ☐ 3. The Load Resource is located behind an ESI ID, including a non-settlement ESI ID, that corresponds to a Critical Load, but electric service from the ERCOT System is not required for the provision of the critical service due to the availability of back-up generation or other technologies at the site.
- ☐ 4. None of the above apply to this Load Resource.

Legal Name of Resource Entity  
MP2 ENERGY LLC (RE)

DUNS Number for Resource Entity  
8330528193000

The above-referenced Resource Entity hereby attests that, if either condition (2) or (3) identified above applies, then all of the aforementioned Load Resource's offered demand response capacity will be available if deployed by ERCOT during an emergency.

By inserting my name below, I affirm that I have personal knowledge of the facts stated in this attestation and that I am authorized to submit this attestation to ERCOT.

Signature  
Donald House

Signature Date  
12-14-2022

Title (Required)  
Authorized Representative

Check Application Progress | **Save and Back**

**Click Save and Back to return to the Esign summary screen**

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Interconnection Services

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

Home | Load Resource

List **Esign**

### Attestation Regarding Critical Load Status

Check Application Progress

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

Dispatch Asset Code	ESI ID	Signature Date	
BCATWIND_LD1	111222333444555	12-14-2022	<b>Edit</b>

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

**Done**

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

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Home | Load Resource

Back

List

### Load Resource

Load Resource Info	Required	Edit
Data Agg and Settlement Info	Required	Edit
Mapping Information	Required	Edit
Limits & Op Params	Required	Edit
E-sign	Required	<b>Edit</b>

Check Application Progress

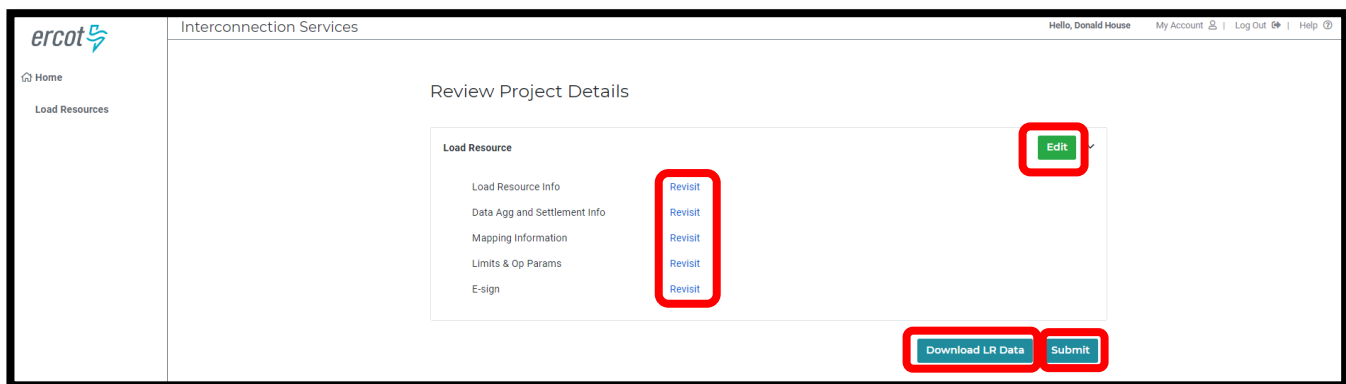
**A green Edit button means that no further edits are required on this panel**

## Check Application Progress

- On the LR 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 LR 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 display a submittal confirmation





ercot Finish Your Load Resource Request

Hello, Donald House My Account Log Out

Your Request has been successfully sent to ERCOT. You can check your [dashboard](#) and email account for updates.

**LOAD RESOURCE REQUEST**  
**22LR0957**

The INR # is displayed here

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

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

Attachments  
You've already provided required attachments. attachments or make changes.  
[Review / Changes](#)

LR submissions do not require any attachments

Click on **Back to Dashboard** to return to the Interconnection Request List

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

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

ercot Your Interconnection Requests

Hello, Donald House My Account Log Out

Home Interconnection

Interconnection Request List

Show 10 Showing 1 to 6 of 6 entries

Filter List By Load Resource Search Enter term to find... Reset All

Alert	Actions	Number	Project Name	Primary Name	Company	Status	Last Updated
	<a href="#">Continue</a>	22LR0957		Donald House		Submitted to ERCOT	12-14-2022
	<a href="#">Continue</a>	22LR0935		Donald House		In Production	12-06-2022
	<a href="#">Continue</a>	22LR0934		Donald House		In Production	12-07-2022
	<a href="#">Continue</a>	22LR0912		Donald House		Submitted to ERCOT	12-04-2022
	<a href="#">Continue</a>	22LR0890		Donald House		In Review	12-02-2022
	<a href="#">Continue</a>	22LR0884		Donald House			11-30-2022

## 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 LR in production Network Model

After the PLD for the newly created LR, the INR submitter is encouraged to verify that the LR is visible in the appropriate ERCOT markets (DAM, Real-Time, Ancillary Services). ERCOT will verify that the LR is in the production Network Model, but it is the responsibility of the RE/QSE to notify ERCOT if they notice any issues for the new LR.

### Updating an existing LR

To update an existing LR, 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 Load Resource on the [Load Resource 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.