

Locational Enrollment Service for Emergency Demand Resources Training

May 29th, 2025

Purpose & Key Takeaways

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Purpose:

Provide an overview of the Locational Enrollment Service (LES) tool that will be used to register Emergency Demand Response.

Key Takeaways:

- Streamlines data submission and management with reduced administrative effort
- Provides secure, role-based access for accurate and authorized data handling
- Enhances grid reliability through timely updated and centralized management



Introduction

The Locational Enrollment Service (LSE) tool streamlines locational data management, reducing administrative overhead and improving efficiency. It provides secure, role-based access for users, ensuring only authorized personnel can view or submit data. By enabling accurate and timely updates, the tool supports grid reliability and compliance. Additionally, it enhances data security and integrity through centralized management.



Market Portal





Enrollment Process Overview





Submission Process





Enrolling an Aggregator of Retail Customers (ARC) Resource

• Select Start a New Enrollment.

Enrollments		
Start a New Enrollment		
Open	Search	c



General Information

- Enter Enrollment Name.
- Select radial button next to Resource Type.
- The toggle is defaulted to Non-ARC.
- Select Next or Save Draft.

New Enroll	ment	General
> Ger	eral	Enrollment Name* TESTFL.1
Det	ails	Enrollment name must be unique, no more than 15 characters, and contain no special characters except for periods.
Not	Started	Resource Type
Dat Con	es npleted	• EDR
Loc Not	ations <i>Started</i>	Aggregator of Retail Customer (ARC) Status
Cor Con	ntact npleted	Are you submitting as an ARC?
Rev Con	iew apleted	Next Save Draft



X

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Details Information

- Use the drop-down to select Asset Owner, Local Balancing Authority and Load Serving Entity, Load Zone Commercial Pricing Node, Curtailment Method, Measurement & Verification and RERRA.
- Select Next or Save Draft.

	New Enrollment	Details	
	General Completed	Please align your resource with the following Commercial Mo Settlement selections. Commercial Model values are derived current, registered model relationships. For additional inform please review BPM-010 here.	del an from ation,
	> Details In Progress	Asset Owner*	•
	Dates Completed	Asset Owner is required.	
t	Locations	Local Balancing Authority*	
	Not Started Contact Completed	Load Serving Entity*	
	Review Completed	Load Zone Commercial Pricing Node*	*
		Curtailment Method*	•
		Measurement & Verification*	•
		RERRA*	*
		Next Save Draft	



Dates Information

- Enter **Start Date**.
- If you know when you would like the enrollment to end, toggle the End Date slider and enter the End Date.
- Select either **Submit** or Save Draft.

Ne En	ew rollment	Dates
	General	The start date However, if yo
	Completed	
	Details	Start Date
	In Progress	Year*
>	Dates	2025
	Completed	50 S
â	Locations	
	Not Started	Day*
	Contact	1
	Not Started	
Ô	Review	
	Unavailable	January
		End Date
		Next

Dates

e start date of an enrollment must be on the first of the month. An end date is not required for an enrollment. wever, if you know when you would like this enrollment to end, use the toggle below to include the end date.

Location Information

- Enter Location Name.
- Use drop-down to select Business
 Segment.
- Enter Load Reduction Amount.
- Enter Utility Account Number.
- Enter Utility Meter Number(s).
- Click Save or Add Location.

v ollment	Locations				
Seneral Completed	1 TOTAL LOCATIONS	0.0 TOTAL MW	EDR RESOURCE TYPE	Jan 1, 2025 START DATE	No End Date END DATE
Details Completed					
Dates Completed					
Locations In Progress	Location Name*				
Contact Not Started Review	_{Country} * United States of America	▼ Ad	dress*		
Unavailable	Suites, Apartment, or Building				
	City*	Sta	ate* 👻 ZIP Code*		_
	Business Segment*	¥ Lo	ad Reduction Amount*	MW Utility Accourt	nt Number*
	Utility Meter Number(s)*				
	🗃 Save + Add Location 🐞 🛙	Delete			
	EDR Enrollments Require a cumulative I Next Save Draft	Load Reduction of at least 0.1	MW.		



Location Information Continued...

• If you need to select another location, select **Next** or **Save Draft**.

New Enrollment	Locations			
General Completed Details Completed Dates Completed > Locations	1 TOTAL LOCATIONS	0.9 TOTAL MW	EDR RESOURCE TYPE	Jan 1, 2025 START DATE
Contact In Progress Review Unavailable	Location Name		1 of 1	
	+ Add Location 👲 1 Next Save Draft	Jpload Locations		



Contact Information

New Enrollment

General	
Complete	

D	etails	
In	Progress	

Dates
Completed

- Locations Not Started
- > Contact In Progress
- Review Unavailable

Please input the required 24-hour contact information.

 Business Area Owner 	Support Center
---	----------------

Last	Name*	

First Name*

Email Address*

Phone Number*

- Enter First Name.
- Enter Last Name.
- Enter Email Address.
- Enter Phone Number.
- Enter Next or Save Draft.

xt Save Draft



Enrollment Review

• Review information for accuracy and select either Submit or Save Draft.

Review

Please review your data to ensure accuracy before submitting your enrollment.



I acknowledge that there is a Customer Contractual Arrangement in place for all locations represented in this enrollment.

🗾 I acknowledge that this enrollment meets Relevant Electric Retail Regulatory Authority (RERRA) approval thresholds.

I acknowledge I have reviewed and submitted the relevant Docusign form(s) for this enrollment located here.





Notifications

All email notifications will come from: <u>MISO@notifications.misoenergy.org</u>





Notification for the Submitter

From: MISO@nonprodnotifications.misoenergy.org <miso@nonprodnotifications.misoenergy.org> Sent: Thursday, January 9, 2025 8:55 AM To: no-reply@nonprodnotifications.misoenergy.org Subject: [EXT]Enrollment Submitted - test</miso@nonprodnotifications.misoenergy.org>
Warning! This email originated from outside the organization and caution should be used when clicking on links/attachments. If you suspect this email is malicious, use the 'Phish Alert' button.
Hello,
An EDR Enrollment has been submitted for INC. and is now under review. You can follow the progress of approvals by accessing your Locational Enrollment Dashboard via the MISO Market Portal at https://markets.midwestiso.org/marketportal/.
Thank you-



Notification for the LSE

From: MISO@nonprodnotifications.misoenergy.org </MISO@nonprodnotifications.misoenergy.org> Sent: Thursday, January 9, 2025 8:55 AM To: no-reply@nonprodnotifications.misoenergy.org Subject: [EXT]Enrollment Submitted - test

Warning! This email originated from outside the organization and caution should be used when clicking on links/attachments. If you suspect this email is malicious, use the 'Phish Alert' button.

Hello,

MISO has received a request to register an Emergency Demand Response (EDR) resource from

a MISO Market Participant and Aggregator of Retail Customers (ARC). The requested effective date for these EDR(s) is 2025-01-01.

has indicated a CORPORATE SERVICES, INC. is the Load Serving Entity (LSE) for the customers being registered. Per the MISO Tariff, this email serves as notification to the LSE related to the registration of the EDR resources. As the LSE, you have the opportunity to review the proposed registration and provide approval or denial within 10 business days of receiving this notice. Your deadline to review and provide your decision for each EDR Location is 2025-01-24.

Please validate the following data for each EDR Location being proposed:

1. Confirm the customer is not already registered as a LMR, DRR or EDR for the LSE

2. Confirm end use customer is served by the LSE

3. Confirm the LSE CP Node provided for each location

During your review of this EDR Location data, validate each EDR Location individually on its own merit as you will be asked to provide approval or denial for each. This EDR may contain one or more physical locations that comprise the entire resource. Review and approval tasks must be completed for each Location listed.

ACTION REQUIRED BY 2025-01-24: Navigate to the pending EDR Enrollment via the Market Portal Locational Enrollment tool at https://markets.midwestiso.org/marketportal/ or use the following link to access this enrollment directly:

https://stg-markets.midwestiso.org/demandresponse/enrollment-details/c1dca743-2418-4a32-b6cb-4f2f77dffdfc

· If the EDR registration data is accurate for the EDR location being reviewed, please mark Approve and then select Save.

· If the EDR registration data is inaccurate for the location being reviewed, please select Deny and then add one of the denial reasons in the drop down.



Notification for the LBA

From: MISO@nonprodnotifications.misoenergy.org <MISO@nonprodnotifications.misoenergy.org> Sent: Thursday, January 9, 2025 8:55 AM To: no-reply@nonprodnotifications.misoenergy.org Subject: [EXT]Enrollment Submitted - test Warning! This email originated from outside the organization and caution should be used when clicking on links/attachments. If you suspect this email is malicious, use the 'Phish Alert' button. Hello, MISO has received a request to register an Emergency Demand Response (EDR) resource from a MISO Market Participant and Assregator of Retail Customers (ARC). The requested effective date for these EDR(s) is 2025-01-01. the Local Balancing Authority (LBA) for the customers being registered. Per the MISO Tariff, this email serves as notification to the LBA related to the registration of the EDR resources. As the LBA, you have the opportunity to has indicated review the proposed registration and provide approval or denial within 10 business days of receiving this notice. Your deadline to review and provide your decision for each EDR Location is 2025-01-24. Please validate the following data for each EDR Location being proposed: 1. Confirm location information: physical location address is located within the identified LBA 2. Confirm account number and address: data provided is tied to the correct address for the customer During your review of this EDR Location data, validate each EDR Location individually on its own merit as you will be asked to provide approval or denial for each. This EDR may contain one or more physical locations that comprise the entire resource. Review and approval tasks must be completed for each Location listed. ACTION REQUIRED BY 2025-01-24: Navigate to the pending EDR Enrollment via the Market Portal Locational Enrollment tool at https://markets.midwestiso.org/marketportal/ or use the following link to access this enrollment directly: https://stg-markets.midwestiso.org/demandresponse/enroliment-details/c1dca743-2418-4a32-b6cb-4/2/77dffdfc If the EDR registration data is accurate for the EDR location being reviewed, please mark Approve and then select Save. If the EDR registration data is inaccurate for the location being reviewed, please select Deny and then add one of the denial reasons in the drop down.



Notification for the RERRA

From: MISO@nonprodnotifications.misoenergy.org <MISO@nonprodnotifications.misoenergy.org> Sent: Thursday, January 9, 2025 8:55 AM To: no-reply@nonprodnotifications.misoenergy.org Subject: [EXT]Enrollment Submitted - test

Warning! This email originated from outside the organization and caution should be used when clicking on links/attachments. If you suspect this email is malicious, use the 'Phish Alert' button.

Hello,

In an effort to continue to communicate and coordinate with the regulatory authorities in the MISO footprint, and in accordance with the MISO Tariff, this email serves as notification that MISO has received a request to register some Emergency Demand Response (EDR) resource(s) from a server of the MISO Market Participant and Aggregator of Retail Customers (ARC). The requested effective date for this EDR is 2025-01-01.

If you have any questions or concerns regarding this enrollment, or would like to pursue denial of this enrollment, please contact MISO Client Services via the MISO Help Center at https://help.misoenergy.org.

Thank you-



Submitter Page after Submission:





LBA Homepage

Open					Search				٩	£ Export All
Enrollment Name	Submitter	Туре	Submitted Date	Start Date	End Date	Requested MW	Approved MW	Open Tasks	Status	±
INDYTST7 Auto Approves On Tuesday, January 28, 2025		EDR	Jan 13, 2025	Jan 1, 2026	-	7.0	0.0	2	PENDING	



LBA Approval Page





LSE Homepage

Open _O					Search				۹	🛓 Export All
Enrollment Name	Submitter	Туре	Submitted Date	Start Date	End Date	Requested MW	Approved MW	Open Tasks	Status	±
INDYTST7 Auto Approves On Tuesday, January 28, 2025		EDR	Jan 13, 2025	Jan 1, 2026	-	7.0	0.0	2	PENDING	



LSE Approval Page





Submitter Page after the Approvals





Notification to the Submitter after the Approvals

From: MISO@nonprodnotifications.misoenergy.org <MISO@nonprodnotifications.misoenergy.org> Sent: Monday, January 13, 2025 4:52:54 PM (UTC-05:00) Eastern Time (US & Canada) To: no-reply@nonprodnotifications.misoenergy.org <no-reply@nonprodnotifications.misoenergy.org> Subject: [EXT]EDR Enrollment - Enrollment has been Approved - test

Warning! This email originated from outside the organization and caution should be used when clicking on links/attachments. If you suspect this email is malicious, use the 'Phish Alert' button.

Hello,

The EDR enrollment	from	a MISO Market Participant and Aggregator of Retail Customers (ARC) has been approved. This EDR enrollment consists of the following:
Local Balancing Authority:		
CPNode:		
RERRA:		
Approved Start Date: 2025-01-13		
End Date: N/A		
Total MW: 1.0		

Thank you-



Notification for Location Denial

From: MISO@nonprodnotifications.misoenergy.org <MISO@nonprodnotifications.misoenergy.org> Sent: Monday, January 13, 2025 8:21:50 AM (UTC-05:00) Eastern Time (US & Canada) To: no-reply@nonprodnotifications.misoenergy.org <no-reply@nonprodnotifications.misoenergy.org> Subject: [EXT]Enrollment Update - A Requested Location Has Been Denied - test

Warning! This email originated from outside the organization and caution should be used when clicking on links/attachments. If you suspect this email is malicious, use the 'Phish Alert' button.

Hello,

A location has been denied for the following EDR enrollment:

C.BIGENROLLMENT.

You can view enrollment details by following the URL below using a certificate with appropriate access to the Locational Enrollment Tool.

http://localhost:4200/enrollment-details/72f08812-93ad-4cf7-b338-cecc19122c96

If you have any questions, please do not hesitate to contact your Client Services Representative via a MISO Help Center request.

Thank you



Notification for Location Denial Continued...





Notification when Min. Threshold not Met

From: MISO@nonprodnotifications.misoenergy.org <MISO@nonprodnotifications.misoenergy.org> Sent: Monday, January 13, 2025 11:40:17 AM (UTC-05:00) Eastern Time (US & Canada) To: no-reply@nonprodnotifications.misoenergy.org <no-reply@nonprodnotifications.misoenergy.org> Subject: [EXT]Enrollment Denied - Minimum MW Threshold Not Met - test

Warning! This email originated from outside the organization and caution should be used when clicking on links/attachments. If you suspect this email is malicious, use the 'Phish Alert' button.

Hello,

The following EDR Enrollment has been denied due to failure to meet the minimum threshold required of 0.1 MW:

E2E.LBA.DET.

You can view your enrollment details by following the URL below using a certificate with appropriate access to the Locational Enrollment Tool.

https://dev-markets.midwestiso.org/demandresponse/enrollment-details/57fa708b-a874-49a2-9458-a2d3ce788edb

If you have any questions, please do not hesitate to contact your Client Services Representative via a MISO Help Center request.

Thank you



Notification when Min. Threshold not Met Continued...





Dashboard View for Denial

If the LBA, LSE or MISO Denied the enrollment, it will be available in the history.

50	Locational Enrollment Convice	0								LocationalE	nrollment MISOAdmin
8	Locational Enrollment Service										MISC
	ASDFA		EDR	Jan 6, 2025	Jan 1, 2025	-	4.0	0.0	0	MISO REVIEW	
	PR420TEST1		EDR	Dec 20, 2024	Jul 1, 2025	Dec 31, 2025	1.0	0.0	0	MISO REVIEW	
					Items per page: 5 👻	1 - 5 of 23 🛛 🖓 🔇	> >1				
	History ①					Search	Q	Enter a date range 1/9/2024 - 12/	31/2026	Ē	£ Export All
	Enrollment Name	Submitter	Туре	Submitted Date	Start Date	End Date		Approved MW		Status	±
	DENY.TEST		EDR	Jan 9, 2025	Jan 1, 2025	-		0.0		DENIED	



Enrolling a Non-Aggregator of Retail Customer Resource

• Select Start a New Enrollment.

ew Enrollment			
		Search	Q
	ew Enrollment	ew Enrollment	ew Enrollment Search



General Information

- Enter Enrollment Name.
- Select radial button next to
 Resource Type.
- The toggle is defaulted to Non-ARC.
- Select Next or Save Draft.

L	ocational Enr	ollment Service	
En	rollments		
Ne En	ew rollment	General	
>	General	Enrollment Name*	
â	Details	Enrollment name must be unique, no more than 15 characters, and contain no special characters except for periods.	0/15
Ô	Dates Not Started	O EDR	
Ô	Locations Not Started	Aggregator of Retail Customer (ARC) Status Are you submitting as an ARC?	
â	Review Unavailable	No	
		Next Save Draft	



Details Information

- Use the drop-down to select Load
 Zone Commercial Pricing Node. Asset
 Owner and Local Balancing Authority
 will auto populate after selection.
- Use the drop-down to select
 Curtailment Method.
- Use the drop-down to select
 Measurement & Verification.
- Select Next or Save Draft.



Dates Information

- Enter Start Date.
- If you know when you would like the enrollment to end, toggle the End Date slider and enter the End Date.
- Select either Submit or Save Draft.

ew nrollment	Dates
General	The start date However, if ye
Details	Start Date
Dates	Year* 2025 ▼
Locations	
Contact Not Started	Day* 1
Review Unavailable	Month*
	January
	End Date

N

E

e of an enrollment must be on the first of the month. An end date is not required for an enrollment. ou know when you would like this enrollment to end, use the toggle below to include the end date.

MISO

Location Information

- Enter Location Name.
- Use drop-down to select Business
 Segment.
- Enter Load Reduction Amount.
- Enter Utility Account Number.
- Enter Utility Meter Number(s).
- Click Save or Add Location.

/ bllment	Locations							
i eneral iompleted	1 TOTÁL LOCÁTIONS	0.0 TOTAL MW	E	EDR IESOURCE TYPE		Jan 1, 2025 START DATE		No End Date END DATE
letails iompleted								
ates iompleted								
ocations) Progress	Location Name*							
ontact lot Started	_{Country®} United States of America	*	Address*					
hwalible	Suites, Apartment, or Building							
	City*		State* 👻	ZIP Code*				
	Business Segment*	¥	Load Reduction A	Amount*	MW	Utility Account Nur	nber*	
	Utility Meter Number(s)*							
	🗃 Save + Add Location 🍵 Del	ete						
	EDR Enrollments Require a cumulative Load	d Reduction of at le	ast 0.1 MW.					



Location Continued...

- If you need add another location, you can.
- Select Next or Save Draft.

New Enrollment	Locations			
General Completed	1 TOTAL LOCATIONS	0.9 TOTAL MW	EDR RESOURCE TYPE	Jan 1, 2025 START DATE
Details Completed				
Dates Completed				
> Locations Completed				
Contact In Progress	Location Name			
Review Unavailable	✓ Test IN		1 of 1	
	+ Add Location 2 Upl	oad Locations		
	Next Save Draft			



Contact Information

New Enrollment

G	ene	ral
0	amp	letei

Details In Progress

Dates

Locations

> Contact In Progress

Review
Unavailable

С	0	nt	a	C	t

Please input the required 24-hour contact information.

Business Area Owner O Support Center

First Name*

Last Name*

Email Address*

Phone Number*

- Enter First Name.
- Enter Last Name.
- Enter Email Address.
- Enter Phone Number.
- Enter Next or Save Draft.

ext Save Draft



Enrollment Review

• Review information for accuracy and select either **Submit** or **Save Draft**.





Enrollment Submission

Submit Enrollment?

Your Enrollment will be submitted to MISO for review. Please ensure all necessary documents are on file prior to clicking Submit.





Notification of Enrollment Submission to the Submitter

From: MISO@nonprodnotifications.misoenergy.org <<u>MISO@nonprodnotifications.misoenergy.org</u>> Sent: Tuesday, January 14, 2025 9:58:15 AM (UTC-05:00) Eastern Time (US & Canada) To: no-reply@nonprodnotifications.misoenergy.org <<u>no-reply@nonprodnotifications.misoenergy.org</u>> Subject: [EXT]Enrollment Submitted - test

Warning! This email originated from outside the organization and caution should be used when clicking on links/attachments. If you suspect this email is malicious, use the 'Phish Alert' button.

Hello,

An EDR Enrollment has been submitted for MISO Market Portal at https://markets.midwestiso.org/marketportal/. and is now under review. You can view the status of this enrollment by accessing your Locational Enrollment Dashboard via the

Thank you-



Notification of Enrollment Confirmation to the Submitter

From: MISO@nonprodnotifications.misoenergy.org <MISO@nonprodnotifications.misoenergy.org> Sent: Tuesday, January 14, 2025 10:00:55 AM (UTC-05:00) Eastern Time (US & Canada) To: no-reply@nonprodnotifications.misoenergy.org <no-reply@nonprodnotifications.misoenergy.org> Subject: [EXT]Enrollment Approved - test

Warning! This email originated from outside the organization and caution should be used when clicking on links/attachments. If you suspect this email is malicious, use the 'Phish Alert' button.

Hello,

The EDR enrollment ARC.SUBMIT from /

has been approved. This EDR enrollment consists of the following:

Local Balancing Authority:	
Load Serving Entity:	
CPNode:	
Approved Start Date: 2025-03-01	
End Date: N/A	
Total MW: 1.0	

Thank you-



Submitter Page after Submission





Dashboard View for Denial

If the LBA, LSE or MISO Denied the enrollment, it will be available in the history.

	1									Locational	Enrollment MISOAdmi
*	Locational Enrollment Service										MISC
	ASDFA		EDR	Jan 6, 2025	Jan 1, 2025	-	4.0	0.0	0	MISO REVIEW	
	PR420TEST1		EDR	Dec 20, 2024	Jul 1, 2025	Dec 31, 2025	1.0	0.0	0	MISO REVIEW	
					Items per page: 5 🔹	1 - 5 of 23 (C C)	> >1				
	History 💿					Search	Q	Enter a date range 1/9/2024 - 12/3	1/2026	Ť	🛓 Export All
	Enrollment Name	Submitter	Туре	Submitted Date	Start Date	End Date		Approved MW		Status	±
	DENY.TEST		EDR	Jan 9, 2025	Jan 1, 2025	-		0.0		DENIED	



Additional Functionality

- Uploading multiple locations
- Withdrawing a resource
- Copy a resource
- Exporting enrollments



Uploading Multiple Locations

- The following table provides the available variables that can be used to fill in the template.
- Select Upload Locations.
- Select Download File Template.

NOTE: Meter Numbers must be separated by commas.

- Select **Browse Files** to pick the .csv file.
- Select **Upload**.

	Use the provided template to fill in all required fields for each location. Address Line 2 is optional and Meter Numbers must be separated by commas.
	Download File Template
/	Drag + Drop file here or Browse Files
	Upload Cancel
Downlo	ad File Template: BulkUploadTemplate.zip

Upload Locations



Bulk Upload Template





Withdraw a Resource

- Once you select the Resource, you will see the option to withdraw on the right side of the screen.
- Select Withdraw.



Copy an Enrollment

• Select the **Copy Enrollment icon** next to the enrollment name.

JOSHDEMO44 🗖



Export an Enrollment

 Select the Name of the enrollment you would like to export.

• Click the **Export** button.





Export All Open Enrollments

• From the home screen on the right side select **Export All.**

Start a New Enrollment									_	
Open 🗊					Search				۹	🛓 Export All
Enrollment Name	Submitter	Туре	Submitted Date	Start Date	End Date 🛧	Requested MW	Approved MW	Open Tasks	Status	±

Exporting All Historical Enrollments: From the home screen on the right-side select **Export All**.

History _③	Search	Q Enter a date range 1/10/2024 - 12/31/2026	Export All
			_



Provide Feedback



If you would like someone to follow up with you, please enter your information below:





Resources



- Locational Enrollment Services User Guide
- If you have any questions or issues regarding the Locational Enrollment Services Tool submit a case in the <u>MISO Help Center.</u>





Questions?