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Active Demand Resources: Registration

Kristen Emmett

Senior Analyst, Asset Registration & New Generation Coordination



Acronyms

ADCR	active demand capacity resource	MIC	maximum interruptible capacity
CAMS	Customer Asset Management System	PRD	price-responsive demand
CR	change request	RTU	remote terminal unit
DRA	demand response asset	SA	security administrator
DRR	demand response resource	SMD	Standard Market Design
DRWG	Demand Resources Working Group	SSO	single sign-on
DDE	demand-designated entity	UI	user interface
DRI	demand resource integration	USPS	United States Postal Service

Price-Responsive Demand Training List

Release Date	Training Title
Oct. 23, 2017	Demand Resources Working Group: Fully Integrated Price Responsive Demand Presentation
Nov. 7, 2017	Price-Responsive Demand Overview
Feb. 28, 2017	Energy Market Offers & Asset Management
March 8, 2018	Q1 Settlements Forum
Today	Demand Response Registration
March 27, 2018	Demand Response Auditing
March 29, 2018	Passive Demand Resource Registration and Auditing

Objectives

After watching this presentation you will be able to

- Access Customer Asset Management System (CAMS) from the Standard Market Design (SMD) homepage
- Enroll a demand-response asset (DRA)
- Map a DRA to a demand-response resource (DRR)
- Map a DRR to an active demand capacity resource (ADCR)
- Map a DRR to a Demand Designated Entity (DDE)
- Map a DRR to a Remote Terminal Unit (RTU)
- Submit changes to existing DRA
- Remap DRA to new or existing DRR
- Remap or un-map DRR from ADCR
- Retire a DRA or DRR



Topics

- Introduction
- CAMS Basics
- Enrolling a DRA
- Entering Service Notes
- RTU Mapping
- Maintaining Asset Information
- Operational Status
- DRA Remapping
- Mapping or Unmapping an ADCR
- Retire DRA or DRR
- DRI Legacy Information

Introduction

Kristen Emmett

CAMS Basics

Access & Navigation

Single Sign-On (SSO) Requires a Digital Certificate

Digital certificate required to access Standard Market Design (SMD) applications

- Issued to your company's security administrator (SA) by ISO
- Your company's SA assigns your access
 - *Demand Response Asset Maintainer* role can enroll DRAs

SMD applications home page

- SSO page: <https://smd.iso-ne.com/>



If you don't know who your company's security administrator is,
call ISO-NE Customer Support

SMD Applications Home Page

<https://smd.iso-ne.com>

The screenshot shows the SMD Applications Home Page. On the left is a sidebar with the ISO new england logo and informational links: Transmission System Information, Satellite Information, and LCC CMS. The main content area is titled 'SMD Applications Home Page' and includes a breadcrumb 'Market System → SMD Applications Home Page'. A grid of buttons provides access to various applications. A red callout box with a white arrow points to the 'Customer and Asset Management System' button, with the text 'Click here to get started'.

ISO new england	SMD Applications Home Page	
Informational Links	Market System → SMD Applications Home Page	
Transmission System Information	Internal Transactions	External Transactions
Satellite Information	Bids & Offers (Registered Users)	Customer and Asset Management System
LCC CMS	Financial Transmission Rights (Registered Users)	Forward Reserve Market Auction
	Customer and Asset Management System	
	Submit Peak Contribution	Forward Reserve Assignment
	Submit Network Load	Forward Capacity Tracking System
	Financial Assurance Management	Forward Capacity Market Reconfiguration Auction
	Forward Capacity Market CSO Bilateral Contracts	Supplemental Availability Designation
	Demand Resource Market User Interface	DR Audit and Testing Tool

Enroll a Demand Response Asset (DRA)

CAMS → Assets → Demand Asset

Customer Asset Management System Testing Customer (128728)
ATT Test Customer 2 Test User 2

ASSETS | RESOURCES | Asset Registration | IMMAC

Demand Asset | Generators | Interruptible Loads | ODR | Resource Relationship Search

Dashboard | Active Asset Search | Passive Asset Search | DRR Search | DRI | **+ Enroll Active** | + Enroll Passive

Pending Change Requests

There are no pending change requests that require your attention.

Pending Curtailments

There are no pending curtailments that require your attention.

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Enter Asset Details

Full-Screen View

Testing Customer (128728)
ATT Test Customer 2 Test User 2

Customer Asset Management System

- ASSETS**
- RESOURCES
- Asset Registration
- IMMAC
- Demand Asset**
- Generators
- Interruptible Loads
- ODR
- Resource Relationship Search

Enroll Active Asset - Enter Asset Details

Asset Details

Requested Operational Date*	#Facilities*	Asset Name*	Lead Participant*	M.I.C.*
04/01/2018	Single	Asset Name	Testing Customer (128728)	0.000 MW
Maximum Load*	Synchronize to Grid?	Maximum Net Supply*	Telemetry Installed and Operational*	
0.000 MW	No	0.000 MW	No	

Next >

Cancel

Same View – Zoomed In

Testing Customer (128728)
ATT Test Customer 2 Test User 2

Customer Asset Management System

ASSETS

RESOURCES

Asset Registration

IMMAC

Demand Asset

Generators

Interruptible Loads

ODR

Resource Relationship Search

Enroll Active Asset - Enter Asset Details

Asset Details

Requested Operational Date*

04/01/2018

#Facilities*

Single

Asset Name*

Asset Name

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Operational Date

04/01/2018

05/01/2018

06/01/2018

07/01/2018

08/01/2018

09/01/2018

10/01/2018

11/01/2018

12/01/2018

01/01/2019

02/01/2019

03/01/2019

04/01/2018

#Facilities*

Single

Asset Name*

Asset Name

8728)
User 2

Type of Facility

Testing Customer (128728)
ATT Test Customer 2 Test User 2

Customer Asset Management System

ASSETS

RESOURCES

Asset Registration

IMMAC

Demand Asset

Generators

Interruptible Loads

ODR

Resource Relationship Search

Enroll Active Asset - Enter Asset Details

Asset Details

Requested Operational Date*

06/01/2018

#Facilities*

Single

Single

Multiple

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Note Tips Provide Helpful Hints

Testing Customer (128728)
ATT Test Customer 2 Test User 2

Customer Asset Management System

ASSETS

RESOURCES

Asset Registration

IMMAC

Demand Asset

Generators

Interruptible Loads

ODR

Resource Relationship Search

Enroll Active Asset - Enter Asset Details

Asset Details

Requested Operational Date*

06/01/2018

#Facilities*

Single

Does this asset consist of single or multiple facilities?

Asset Name*

Asset Name

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Scrolled-Down View – Rest of Entries Completed

Lead Participant*

Testing Customer (128728)

M.I.C.*

3.1

MW



Maximum Load*

6.6

MW

Synchronize to Grid?

Yes



Maximum Net Supply*

1

MW

Telemetry Installed and Operational*

Yes

Next >

Cancel

Distribution Company Details

Full-Screen View

Testing Customer (128728)
ATT Test Customer 2 Test User 2

Customer Asset Management System

- ASSETS**
 - RESOURCES
 - Asset Registration
 - IMMAC
- Demand Asset Generators Interruptible Loads ODR Resource Relationship Search

Enter Distribution Company Details

Asset Details

Requested Operational Date* 06/01/2018	#Facilities* Single	Asset Name* Refrigerator Bank 224F	Lead Participant* Testing Customer (128728)	M.I.C.* 3.1 MW
Maximum Load* 6.6 MW	Synchronize to Grid? Yes	Maximum Net Supply* 1 MW	Telemetry Installed and Operational* Yes	

Distribution Company Details

Distribution Company State*
<input type="text"/>
Distribution Company (ID)*
<input type="text"/>
Retail Account ID*
<input type="text" value="Must conform to mask on right"/>

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Distribution Company Details

Zoomed-In

0.000

MW

Telemetry Installed and Operational*

Yes

Distribution Company Details

Distribution Company State*

Massachusetts (MA)

Distribution Company (ID)*

Holyoke Gas & Electric Department (44)

Retail Account ID*

1234567891 | I

#####

< Previous

Next >

✕ Cancel

© 2017 ISO New England Inc.

Facility Address

Full-Screen View

Testing Customer (128728)
ATT Test Customer 2 Test User 2

Customer Asset Management System

- ASSETS**
 - RESOURCES
 - Asset Registration
 - IMMAC
- Demand Asset Generators Interruptible Loads ODR Resource Relationship Search

Enter Single Facility Address

Asset Details

Requested Operational Date* 06/01/2018	#Facilities* Single	Asset Name* Refrigerator Bank 224F	Lead Participant* Testing Customer (128728)	M.I.C.* 3.1 MW
Maximum Load* 6.6 MW	Synchronize to Grid? Yes	Maximum Net Supply* 1 MW	Telemetry Installed and Operational* Yes	

Distribution Company Details

Distribution Company State* Massachusetts (MA)
Distribution Company (ID)* Holyoke Gas & Electric Department (44)
Retail Account ID* 1234567892

Facility Address

Facility Name* Facility Name		
Address Line 1* Address Line 1	Address Line 2 Line 2	
City* City	State* MA	Zip* Zip

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Facility Address – Zoomed In

Facility Name*

Address Line 1*

Address Line 2

City*

State*

Zip*

[< Previous](#) [Next >](#) [✕ Cancel](#)

Standardized Address & Pnode Details

Testing Customer (128728)
ATT Test Customer 2 Test User 2

Customer Asset Management System

ASSETS

RESOURCES

Asset Registration

IMMAC

Demand Asset

Generators

Interruptible Loads

ODR

Resource Relationship Search

Confirm Location Details

Based on the USPS standardized address, the closest PNode in the state is displayed below.

If you know or suspect that the displayed PNode is incorrect, please set **Suspect PNode** to **Yes** and provide a reason.

Asset Details

Requested Operational Date*

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Pnode Details

reason.

Asset Details

Requested Operational Date*

06/01/2018

#Facilities*

Single

Asset Name*

Refrigerator Bank 224F

Lead Participant*

Testing Customer
(128728)

M.I.C.*

3.1

MW

Maximum Load*

6.6

MW

Synchronize to Grid?

Yes

Maximum Net Supply*

1

MW

Telemetry Installed and Operational*

Yes

Facility Address

Facility Name*

Cool It! Cold Storage

Address Line 1*

1 Main St

Address Line 2

Line 2

City*

Holyoke

State*

MA

Zip*

01040

USPS Standardized

Use this

Address Line 1*

1 MAIN ST

Address Line 2

City*

HOLYOKE

State*

MA

Zip*

01040

PNode Details

DRR Aggregation Zone (ID)*

DR.MA_Springfield (7617)

PNode Verified*

No

PNode (ID)*

LD.N_CANAL 34.5 (42058)

PNode Suspect*

No

← Previous

Save

Cancel

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Facility Details

Enter Single Facility Details

Asset Details

Requested Operational Date* 06/01/2018	#Facilities* Single	Asset Name* Refrigerator Bank 224F	Lead Participant* Testing Customer (128728)	M.I.C.* 3.1 MW
Maximum Load* 6.6 MW	Synchronize to Grid? Yes	Maximum Net Supply* 1 MW	Telemetry Installed and Operational* Yes	

Facility Details

One-minute Telemetry No	Meter Issue No
Has Generation* Yes	
Utility Meter Numbers + Add	

Facility Contact

First Name* First Name	Last Name* Last Name
EEmail* EEmail	
Work Phone* Work Phone	Ext Extension

[← Previous](#) [Save](#) [Next →](#)

[× Cancel](#)

Facility Contact

Enter Single Facility Details

Asset Details

Requested Operational Date* 06/01/2018	#Facilities* Single	Asset Name* Refrigerator Bank 224F	Lead Participant* Testing Customer (128728)	M.I.C.* 3.1 MW
Maximum Load* 6.6 MW	Synchronize to Grid? Yes	Maximum Net Supply* 1 MW	Telemetry Installed and Operational* Yes	

Facility Details

One-minute Telemetry No	Meter Issue No
Has Generation* Yes	
Utility Meter Numbers <input type="button" value="+ Add"/>	

Facility Contact

First Name* First Name	Last Name* Last Name
EEmail* EEmail	
Work Phone* Work Phone	Ext Extension

Generator Details

E-Mail*

jjohnson@coolitcold789.com

Work Phone*

800-555-1212

Ext

1234

 Generator	Name*	Max Generation*	Generator Type*	Fuel Type*	Controllable*
	Diesel ARF	2 MW 	Internal Combustion E	Distillate Fuel Oil. Including Dese	No

DRR / ADCR Mapping

Testing Customer (128728)
ATT Test Customer 2 Test User 2

Customer Asset Management System

ASSETS

RESOURCES

Asset Registration

IMMAC

Demand Asset

Generators

Interruptible Loads

ODR

Resource Relationship Search

Enter DRR/ADCR Mapping

Warning! The sum of the MIC and/or audited demand reduction for all the DRAs mapped to the DRR must be at least 1 MW before a new DRR is registered within the same DRR Aggregation Zone unless it meets the exception listed in market rule 1.

Choose "No" to Map to an Existing DRR

DRR Mapping

Enter New DRR

No

DRR Name (ID)*

ZSFLD0AB (61133)

ZSFLD0D1 (61248)

ZSFLD0D2 (61250)

ZSFLD0D3 (61252)

Massachusetts (MA)

Cool It! Cold Storage

1 MAIN ST

Distribution Company (ID)*

Holyoke Gas & Electric Department (44)

Address Line 1*

1 Main st

Address Line 2

Line 2

Address Line 2

Retail Account ID*

123123456

City*

Holyoke

State*

MA

Zip*

01040

City*

HOLYOKE

State*

MA

Zip*

01040

PNode Details

DRR Aggregation Zone (ID)*

DR.MA_Springfield (7617)

PNode Verified*

Yes

Facility Details

One-minute Telemetry

No

Meter Issue

No

PNode (ID)*

PNode Suspect*

Has Generation*

Facility Contact

First Name*

John

Last Name*

Johnson

EMail*

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Choose "YES" to Map to a New DRR

DRR Mapping

Enter New DRR

Yes

DDE Name (ID)*

A2A Energy International, LLC (126802)
Conservation Resource Solutions (50731)
Direct Energy Business Marketing, LLC (113189)
EnerNOC, Inc. (50689)
Enerwise Global Technologies, Inc. (87147)
Engie Energy Marketing NA, Inc. (162)
Icetek Energy Services, Inc. (51405)
NRG Curtailment Solutions, Inc. (50905)
Testing Customer (128728)
Vermont Electric Cooperative, Inc. (50326)
Verso Energy Services LLC (51325)

Active Demand Capacity Resource (ID)

Address Line 2

Line 2

State*

MA

Zip*

01040

USPS Standardized

Use this

Address Line 1*

1 MAIN ST

Address Line 2

City*

HOLYOKE

State*

MA

Zip*

01040

PNode Details

DRR Aggregation Zone (ID)*

DR.MA_Springfield (7617)

PNode Verified*

Yes



Facility Details

One-minute Telemetry

No



Meter Issue

No



Facility Contact

First Name*

John

Last Name*

Johnson

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Option: Map to an ADCR

DRR Mapping

Enter New DRR

Yes

DDE Name (ID)*

Testing Customer (128728)

Active Demand Capacity Resource (ID)

Demand Capacity Resource 2472 (38803)

Distribution Company Details

Distribution Company State*

Massachusetts (MA)

Distribution Company (ID)*

Holyoke Gas & Electric Department (44)

Retail Account ID*

123123456

Facility Address

Facility Name*

Cool It! Cold Storage

Address Line 1*

1 Main st

Address Line 2

Line 2

City*

Holyoke

State*

MA

Zip*

01040

USPS Standardized

Use this

Address Line 1*

1 MAIN ST

Address Line 2

City*

HOLYOKE

State*

MA

Zip*

01040

PNode Details

DRR Aggregation Zone (ID)*

DR.MA_Springfield (7617)

PNode Verified*

Yes



Facility Details

One-minute Telemetry

No



Meter Issue

No



Facility Contact

First Name*

John

Last Name*

Johnson

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Submitted – Now in Pending Status

Your registration has been received and is being reviewed by the ISO

[Dashboard](#) [Active Asset Search](#) [Passive Asset Search](#) [DRR Search](#) [DRI](#) [+ Enroll Active](#) [+ Enroll Passive](#)

Active Asset Details

As Of *	Asset ID	Asset Name	Asset Status	Asset SubType	Date Effective
06/01/2018	61258	Refrigerator Bank 223E	PENDING	Single Facility	03/16/2018
Lead Participant (ID)	DRR Name (ID)	Active Capacity Resource (ID)			
Testing Customer (128728)	ZSFLD0AB (61133)	Demand Capacity Resource 2472 (38803)			

[Basic](#) [Facility](#) [Generator](#) [Contacts](#) [Change Log](#) [Change Requests](#) [Service Notes](#) [Curtailments](#)

Requested Operational Date	MIC (MW)	Max Load (MW)	Max Net Supply (MW)	Telemetry Installed/Operational	Meter Issue
06/01/2018	3.100	6.600	1.500	Yes	No
DRR Aggregation Zone (ID)	Dispatch Zone (ID)	Registered@PNode	Synchronize to Grid	Has Generation	1-minute Telemetry
DR.MA_Springfield (7617)	Springfield MA (7516)	42058	Yes	Yes	No

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Change Requests Tab

- ASSETS
 - RESOURCES
 - Asset Registration
 - IMMAC
- Demand Asset Generators Interruptible Loads ODR Resource Relationship Search

Dashboard Active Asset Search Passive Asset Search DRR Search DRI + Enroll Active + Enroll Passive

Active Asset Details

As Of *	Asset ID	Asset Name	Asset Status	Asset SubType	Date Effective
03/07/2018	61251	Refrigerator Bank 224D	PENDING	Single	03/05/2018
Lead Participant (ID)	DRR Name (ID)		Active Capacity Resource (ID)		
Testing Customer (128728)	ZSFLD0D2 (61250)		Demand Capacity Resource 2472 (38803)		

- Basic
- Facility
- Contacts
- Change Log
- Change Requests
- Service Notes
- Curtailments

CR ID	CR Effective Date	CR Type	CR Status	Last Updated	Updated By	Action
4797	06/01/2018	DRA Enrollment	PENDING_ISO_ACTION	03/05/2018 16:06:17	999999692	



Questions

Entering Service Notes

Service Notes Tab

Customer Asset Management System Testing Customer (128728)
ATT Test Customer 2 Test User 2

ASSETS RESOURCES Asset Registration IMMAC

Demand Asset Generators Interruptible Loads ODR Resource Relationship Search

Dashboard Active Asset Search Passive Asset Search DRR Search DRI + Enroll Active + Enroll Passive

Active Asset Details

As Of *	Asset ID	Asset Name	Asset Status	Asset SubType	Date Effective
03/07/2018	61251	Refrigerator Bank 224D	PENDING	Single	03/05/2018

Lead Participant (ID)	DRR Name (ID)	Active Capacity Resource (ID)
Testing Customer (128728)	ZSFLD0D2 (61250)	Demand Capacity Resource 2472 (38803)

Basic Facility Contacts Change Log Change Requests **Service Notes** Curtailments

CR ID	CR Effective Date	CR Type	CR Status	Last Updated	Updated By	Action
4797	06/01/2018	DRA Enrollment	PENDING_ISO...	03/05/2018 16:06:17	999999692	

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Creating a New Service Note

Customer Asset Management System Testing Customer (128728)
ATT Test Customer 2 Test User 2

ASSETS RESOURCES Asset Registration IMMAC

Demand Asset Generators Interruptible Loads ODR Resource Relationship Search

Dashboard Active Asset Search Passive Asset Search DRR Search DRI + Enroll Active + Enroll Passive

Active Asset Details

As Of *	Asset ID	Asset Name	Asset Status	Asset SubType	Date Effective
03/07/2018	61251	Refrigerator Bank 224D	PENDING	Single	03/05/2018

Lead Participant (ID)	DRR Name (ID)	Active Capacity Resource (ID)
Testing Customer (128728)	ZSFLD0D2 (61250)	Demand Capacity Resource 2472 (38803)

Basic Facility Contacts Change Log Change Requests **Service Notes** Curtailments

Filter By: Lead Participant **+ Create New**

Service notes are not available for this asset.

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New Service Note – Upload Utility Bill

Testing Customer (128728)

Customer 2 Test User 2

× close

Service Notes

Service Notes:*

	Display	Email To
ISO	Yes	Yes <input type="checkbox"/>
Lead Participant	No <input type="checkbox"/>	No <input type="checkbox"/>
Meter Reader	No <input type="checkbox"/>	No <input type="checkbox"/>

File Upload:

Basic Facility Contacts Change Log Change Requests Service Notes Curtailments

Filter By: Lead Participant

Service notes are not available for this asset.



Questions

RTU Mapping

Customers Designated as DDE Only

Search for the DRR

Dashboard

As Of: 03/19/2018

DRR ID	DRR Name	Lead Participant (ID)	DRR Status	Registered@	Effective	Dispatch Zone (ID)	Aggregation Zone (ID)	ADCR ID
65702	ZNSHR000		OPERATIONAL	Aggregation Zone	03/04/2018	North Shore (7508)	DR_MA_North_Shore (7609)	36210
65703	ZCTMAD01		OPERATIONAL	Aggregation Zone	03/04/2018	Central MA (7515)	DR_MA_Central (7616)	38322
65704	ZLSMAD02		OPERATIONAL	Aggregation Zone	03/04/2018	Lower SEMA (7511)	DR_MA_Lower_SEMA (7612)	38324
65705	ZR003		OPERATIONAL	Aggregation Zone	03/04/2018	Rhode Island (7518)	DR_RI_Rhode_Island (7619)	38331
65706	ZSEMA004		OPERATIONAL	Aggregation Zone	03/04/2018	SEMA (7512)	DR_MA_SEMA (7613)	38334
65707	ZBSTN005		OPERATIONAL	Aggregation Zone	03/04/2018	Boston (7507)	DR_MA_Boston (7606)	38360
65708	ZNEWH006		OPERATIONAL	Aggregation Zone	03/04/2018	New Hampshire (7509)	DR_NH_New_Hampshire (7610)	38813
65794	ZSFLD04F		NON_OPERATIONAL	Aggregation Zone	03/16/2018	Springfield MA (7516)	DR_MA_Springfield (7617)	

Displaying 1 to 8 of 8

Click on the Asset ID

Customer Asset Management System

ASSETS | RESOURCES | Asset Registration | IMMAC
Demand Asset | Generators | Interruptible Loads | ODR | Resource Relationship Search

[Dashboard](#) | [Active Asset Search](#) | [Passive Asset Search](#) | **[DRR Search](#)** | [DRI](#)

[+ Enroll Active](#) | [+ Enroll Passive](#)

As Of:
DRR ID:
DRR Name:
Short Name:
DRR Status:
Has ACDR:

DRR Aggregation Zone (ID):
Reserve Zone (ID):
Dispatch Zone (ID):
DDE (ID):
ACDR Name (ID):

[Reset](#) | [Submit](#)

DRR ID	DRR Name	Lead Participant (ID)	DRR Status	Registered@	Effective	Dispatch Zone (ID)	Aggregation Zone (ID)	ACDR ID
61227	ZSEMA0CA	Testing Customer (128728)	OPERATIONAL	Aggregation Zone	03/01/2018	SEMA (7512)	DR.MA_SEMA (7613)	
61235	ZSEMA0CD	Testing Customer (128728)	NON_OPERATIONAL	Aggregation Zone	03/01/2018	SEMA (7512)	DR.MA_SEMA (7613)	
61239	ZSEMA0CE	Testing Customer (128728)	OPERATIONAL	Aggregation Zone	03/01/2018	SEMA (7512)	DR.MA_SEMA (7613)	
61241	ZSEMA0CF	Testing Customer (128728)	NON_OPERATIONAL	Aggregation Zone	03/01/2018	SEMA (7512)	DR.MA_SEMA (7613)	
61243	ZSEMA0D0	Testing Customer (128728)	OPERATIONAL	Aggregation Zone	03/01/2018	SEMA (7512)	DR.MA_SEMA (7613)	
61248	ZSFLD0D1	Testing Customer (128728)	NON_OPERATIONAL	Aggregation Zone	03/05/2018	Springfield MA (7516)	DR.MA_Springfield (7617)	38803
61250	ZSFLD0D2	Testing Customer (128728)	NON_OPERATIONAL	Aggregation Zone	03/05/2018	Springfield MA (7516)	DR.MA_Springfield (7617)	38803
61252	ZSFLD0D3	Testing Customer (128728)	NON_OPERATIONAL	Aggregation Zone	03/14/2018	Springfield MA (7516)	DR.MA_Springfield (7617)	38803

[CSV Export](#)
Displaying 21 to 28 of 28

Click on the Update RTU Button

Dashboard

DR Resource Details

As Of *	DRR ID	DRR Name	Short Name	DRR Status	Date Effective	Date Expires	Lead Participant (ID)
03/19/2018	65784	ZSFLD04F	ZSFLD04F	NON_OPERATIONAL	03/16/2018	04/01/2018	

Basic [Mappings](#)

RTU ID	DRR ID	MIC (MW)	
<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="0.000"/>	
Aggregation Zone	Dispatch Zone (ID)	DRR Aggregation Zone (ID)	Capacity (MW)
<input type="text" value="7617"/>	<input type="text" value="Springfield MA (7516)"/>	<input type="text" value="DR_MA_Springfield (7617)"/>	<input type="text" value="7000"/>

[Operating Reserve Capability](#) [Audits](#)

TMNSR	TMOR	TMSR	No audit data exists for this asset.
<input type="text" value="No"/>	<input type="text" value="Yes"/>	<input type="text" value="No"/>	

Enter Effective Date & RTU ID

The screenshot displays the 'Customer Asset Management System' interface. At the top, there is a navigation bar with tabs for 'COMPANY', 'RELATIONSHIPS', 'PERSONS', 'ASSETS', and 'SUBACCOUNTS'. The 'ASSETS' tab is selected. Below the navigation bar, the page title is 'Demand Asset'. A search bar contains 'DRR Search'. The main content area is titled 'DR Resource Details' and features a table with columns: 'As Of', 'DRR ID', 'DRR Name', 'Short', 'Type', 'Date Expires', and 'Lead Participant (ID)'. The first row of data shows: '03/19/2018', '65784', 'ZSFLD04F', 'ZSFLD04F', 'NOA_OPERATIONAL', '03/19/2018', and '04/01/2018'. Below the table, there is a 'Basic' tab with a 'Mappings' sub-tab. This section contains several input fields: 'RTU ID', 'DDE (ID)', 'MIC (MW)' (set to 0.000), 'Registered@Aggregation Zone' (7617), 'Dispatch Zone (ID)' (Springfield, MA (7516)), 'DRR Aggregation Zone (ID)' (DR, MA, Springfield (7617)), and 'Reserve Zone ID' (7000). There are also sections for 'Operating Reserve Capability' and 'Audits'. The 'Audits' section shows 'No audit data exists for this asset.' At the bottom of the 'Basic' tab, there is an 'Update RTU' button. A modal dialog box titled 'Update RTU' is open, with a 'close' button in the top right. It contains two dropdown menus: 'Date Effective*' (set to 04/01/2018) and 'RTU Host Name (ID)*'. A 'Submit' button is at the bottom of the dialog.

Success!

Customer Asset Management System Testing Customer (128728)
ATT Test Customer 2 Test User 2

ASSETS RESOURCES Asset Registration IMMAC

Demand Asset Generators Interruptible Loads ODR Res

Dashboard Active Asset Search Passive Asset Search DRR

+ Enroll Active + Enroll Passive

DR Resource Details

As Of *	DRR ID	DRR Name	Short Name	DRR Status	Date Effective	Lead Participant (ID)
03/15/2018	61248	ZSFLD0D1	ZSFLD0D1	NON_OPERATIONAL	03/05/2018	Testing Customer (128728)

Basic Mappings Contacts Change Log Change Requests Service Notes

RTU ID	DDE (ID)	Active Demand Capacity Resource (ID)	MIC (MW)
	Testing Customer (128728)	Demand Capacity Resource 2472 (38803)	3.000
Registered@Aggregation Zone	Dispatch Zone (ID)	DRR Aggregation Zone (ID)	Reserve Zone ID
7617	Springfield MA (7516)	DR.MA_Springfield (7617)	7000

Operating Reserve Capability Audits

TMNSR	TMOR	TMSR	No audit data exists for this asset.
No	Yes	No	

Update ADCR Mapping Update DDE Update RTU Retire DRR

Update RTU x close

RTU has been updated effective 06/01/2018

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Newly-Mapped RTU ID

Dashboard | Active Asset Search | Passive Asset Search | DRR Search | DRI + Enroll Active + Enroll Passive

DR Resource Details

As Of *	DRR ID	DRR Name	Short Name	DRR Status	Date Effective	Lead Participant (ID)
06/01/2018	61248	ZSFLD0D1	ZSFLD0D1	NON_OPERATIONAL	06/01/2018	Testing Customer (128728)

Basic | **Mappings** | Contacts | Change Log | Change Requests | Service Notes

RTU ID 30024	DDE (ID) Testing Customer (128728)	Active Demand Capacity Resource (ID) Demand Capacity Resource 2472 (38803)	MIC (MW) 3.000
Registered@Aggregation Zone 7617	Dispatch Zone (ID) Springfield MA (7516)	DRR Aggregation Zone (ID) DR.MA_Springfield (7617)	Reserve Zone ID 7000
Operating Reserve Capability		Audits	
TMNSR No	TMOR Yes	TMSR No	No audit data exists for this asset.

[Update ADCR Mapping](#) [Update DDE](#) [Update RTU](#) [Retire DRR](#)

Maintaining Asset Information

Reviewing and Updating What You Have Entered

Starting from the Dashboard...

Customer Asset Management System

Testing Customer (128728)
ATT Test Customer 2 Test User 2

- ASSETS**
- RESOURCES
- Asset Registration
- IMMAC
- Demand Asset**
- Generators
- Interruptible Loads
- ODR
- Resource Relationship Search

[Dashboard](#) [Active Asset Search](#) [Passive Asset Search](#) [DRR Search](#) [DRI](#) [+ Enroll Active](#) [+ Enroll Passive](#)

Pending Change Requests

There are no pending change requests that require your attention.

Pending Curtailments

There are no pending curtailments that require your attention.

Search for the Active Asset

Testing Customer (128728)
ATT Test Customer 2 Test User 2

Customer Asset Management System

- ASSETS**
- RESOURCES
- Asset Registration
- IMMAC
- Demand Asset**
- Generators
- Interruptible Loads
- ODR
- Resource Relationship Search

- Dashboard
- Active Asset Search**
- Passive Asset Search
- DRR Search
- DRI
- Enroll Active
- Enroll Passive

As Of*	Asset ID	Asset Name	Asset Status	Facility Type	DRR Name (ID)	ADCR Name (ID)
05/01/2018	Asset ID	Asset Name			autocomplete	autocomplete
DRR Aggregation Zone (ID)	Reserve Zone	DRR Status	Dispatch Zone	PNode (ID)	Operating Reserve Capability	
				autocomplete		
Duplicate Address	Co-Located	Meter Issue	Operational Status			
Curtailment Type	Curtailment Status	Curtailment Date Range				
		Start	End			

Reset Submit

Choose the Asset to Update

Duplicate Address

Co-Located

Meter Issue

Operational Status

Reset

Submit

Curtaiment Type

Curtaiment Status

Curtaiment Date Range

Start End

Asset ID	Asset Name	Lead Participant (ID)	Asset Status	Effective	Dispatch Zone (ID)	Aggregation Zone (ID)	DRR (ID)	Oper
61259	Refrigerator Bank 223F	Testing Customer (128728)	PENDING	03/16/2018	Springfield MA (7516)	DR.MA_Springfield (7617)	ZSFLD0AB (61133)	N
61258	Refrigerator Bank 223E	Testing Customer (128728)	PENDING	03/16/2018	Springfield MA (7516)	DR.MA_Springfield (7617)	ZSFLD0AB (61133)	N
61257	Refrigerator Bank 223D	Testing Customer (128728)	PENDING	03/16/2018	Springfield MA (7516)	DR.MA_Springfield (7617)	ZSFLD0AB (61133)	N
61253	Refrigerator Bank 224E	Testing Customer (128728)	PENDING	03/14/2018	Springfield MA (7516)	DR.MA_Springfield (7617)	ZSFLD0D3 (61252)	N
61251	Refrigerator Bank 224D	Testing Customer (128728)	PENDING	03/05/2018	Springfield MA (7516)	DR.MA_Springfield (7617)	ZSFLD0D2 (61250)	N
61249	Refrigerator Bank 223B	Testing Customer (128728)	PENDING	03/05/2018	Springfield MA (7516)	DR.MA_Springfield (7617)	ZSFLD0D1 (61248)	N
61244	DR Industries	Testing Customer (128728)	APPROVED	03/01/2018	SEMA (7512)	DR.MA_SEMA (7613)	ZSEMA0D0 (61243)	N
61242	test DRA 75523	Testing Customer (128728)	APPROVED	03/01/2018	SEMA (7512)	DR.MA_SEMA (7613)	ZSEMA0CF (61241)	N
61240	test DRA boundaries	Testing Customer (128728)	APPROVED	03/01/2018	SEMA (7512)	DR.MA_SEMA (7613)	ZSEMA0CE (61239)	N

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Asset Details Screen

Customer Asset Management System

Testing Customer (128728)
ATT Test Customer 2 Test User 2

[ASSETS](#) | [RESOURCES](#) | [Asset Registration](#) | [IMMAC](#)
[Demand Asset](#) | [Generators](#) | [Interruptible Loads](#) | [ODR](#) | [Resource Relationship Search](#)

[Dashboard](#) | [Active Asset Search](#) | [Passive Asset Search](#) | [DRR Search](#) | [DRI](#)

[+ Enroll Active](#) | [+ Enroll Passive](#)

Active Asset Details

As Of *	Asset ID	Asset Name	Asset Status	Asset SubType	Date Effective
05/01/2018	61244	DR Industries	APPROVED	Single Facility	04/10/2018
Lead Participant (ID)		DRR Name (ID)		Active Capacity Resource (ID)	
Testing Customer (128728)		ZSEMA0D0 (61243)			

[Basic](#) | [Facility](#) | [Contacts](#) | [Change Log](#) | [Change Requests](#) | [Service Notes](#) | [Curtailments](#)

Requested Operational Date	Actual Operational Date	MIC (MW)	Max Load (MW)	Max Net Supply (MW)	Telemetry Installed/Operational	Meter Issue
03/01/2018	03/01/2018	3.000	10.000	0.000	No	Yes
DRR Aggregation Zone (ID)	Dispatch Zone (ID)	Registered@PNode	Synchronize to Grid	Has Generation	Max Generation (MW)	1-minute Telemetry
DR.MA_SEMA (7613)	SEMA (7512)	4124	No	No	0.000	No

Baseline Built

Operational Status

Operating Reserve Capability

Weekdays	Saturdays	Sundays/DR Holidays	In Model Flag	Weekdays	Saturdays	Sundays/DR Holidays	TMNSR	TMOR	TMSR
No	No	No	No	No	No	No	No	Yes	No

[Audits](#)

Scroll Down and Click on the Update Asset Button

Lead Participant (ID) Testing Customer (128728)	DRR Name (ID) ZSEMA0D0 (61243)	Active Capacity Resource (ID)
---	--	--

Basic Facility Contacts Change Log Change Requests Service Notes Curtailments

Requested Operational Date 03/01/2018	Actual Operational Date 03/01/2018	MIC (MW) 3.000	Max Load (MW) 10.000	Max Net Supply (MW) 0.000	Telemetry Installed/Operational No	Meter Issue No
DRR Aggregation Zone (ID) DR.MA_SEMA (7613)	Dispatch Zone (ID) SEMA (7512)	Registered@PNode 124	Synchronize to Grid No	Has Generation No	Max Generation (MW) 0.000	1-minute Telemetry No

Baseline Built **Operational Status** **Operating Reserve Capability**

Weekdays No	Saturdays No	Sundays/DR Holidays No	In Model Flag No	Weekdays No	Saturdays No	Sundays/DR Holidays No	TMNSR No	TMOR Yes	TMSR No
-----------------------	------------------------	----------------------------------	----------------------------	-----------------------	------------------------	----------------------------------	--------------------	--------------------	-------------------

Audits
No audit data exists for this asset.

Update Asset **Update DRR Mapping** **Map to New DRR** **Retire Asset**

Select Effective Date

APPROVED Single 04/10/2018

Lead Participant (ID) Testing Customer (128728) DRR Name (ID) ZSEMA0D0 (6)

Basic Facility Contacts Change Log Change Re

Requested Operational Date 03/01/2018 Actual Operational Date 03/01/2018

DRR Aggregation Zone (ID) DR.MA_SEMA (7613) Dispatch Zone (ID) SEMA (7512)

Baseline Built Operational Status

Weekdays Saturdays Sundays/DR Holidays In Model Flag Weekdays Saturdays Sundays/DR Holidays TMNSR TMOR TMSR

Audits

No audit data exists for this asset.

Update Asset Update DRR Mapping + Map to New DRR Retire Asset

Update Asset × close

Date Effective*

Effective

May 2018

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Effective Date

APPROVED Single Facility 03/01/2018 04/10/2018

Lead Participant (ID) Testing Customer (128728) DRR Name (ID) ZSEMA000 (6...)

Basic Facility Contacts Change Log Change Re...

Update Asset × close

Date Effective*
05/01/2018

Requested Operational Date 03/01/2018 Actual Operational Date 03/01/2018

Telemetry Installed/Operational No Meter Issue No

DRR Aggregation Zone (ID) DR.MA_SEMA (7613) Dispatch Zone (ID) SEMA (7512) Registered@PNode 4124 Synchronize to Grid No

Has Generation No Max Generation (MW) 0.000 1-minute Telemetry No

Baseline Built Operational Status Operating Reserve Capability

Weekdays Saturdays Sundays/DR Holidays In Model Flag Weekdays Saturdays Sundays/DR Holidays TMNSR TMR TMSR

No No No No No No No No Yes No

Audits

No audit data exists for this asset.

You Can Change the White-Colored Fields

Edit Active Asset Detail

Asset Details (Update effective: 03/23/2018)

Requested Operational Date 06/01/2010	Asset ID [Redacted]	Asset Name* [Redacted]	Asset Sub-Type Single Facility	Asset Status APPROVED
Telemetry Installed and Operational* Yes	Registered@PNode [Redacted]	One-minute Telemetry* No	Meter Issue Flag* No	M.I.C.* 0.2 MW

Distribution Company Details

Distribution Company*
United Illuminating Company, The (181)

Retail Account ID*
[Redacted] ### ####

Utility Meter Numbers
[Redacted] - +

Facility Address

Facility Name*
[Redacted]

Address Line 1* [Redacted] **Address Line 2** Line 2

City* [Redacted] **State*** CT **Zip*** [Redacted]

Location Details

PNode (ID)* [Redacted] **Suspect Reason***

Suspect PNode* No

PNode Verified* Yes

Facility Contact

First Name* [Redacted] **Last Name*** [Redacted]

E-Mail* [Redacted]

Work Phone* [Redacted] **Ext** Extension

Facility Generation Details

Synchronize to Grid* No **Has Generation*** No

Maximum Net Supply* 0.000 MW **Max Generation** 0.000 MW

Maximum Load* 0.259 MW

DRR/ADCR Mappings

DRR ID* [Redacted]

DRR Name* [Redacted]

Active Capacity Resource (ID)* [Redacted]

When You Are Done, Click the *Submit* Button

Distribution Company Details

Distribution Company*
Belmont Municipal Light Department (89)

Retail Account ID*
##-#####

Utility Meter Numbers
+ Add

Facility Address

Facility Name*
test facility

Address Line 1* **Address Line 2**
Line 2

City* **State*** **Zip***
MA 02184

Location Details

PNode (ID)* **Suspect Reason***
LD.PLAIN_ST13.8

Suspect PNode*
No

PNode Verified*
Yes

Facility Contact

First Name* **Last Name***
test test

EEmail*
test@test.com

Work Phone* **Ext**
111-111-1111 Extension

Facility Generation Details

Synchronize to Grid* **Has Generation***
No No

Maximum Net Supply* **Max Generation**
0.000 MW 0.000 MW

Maximum Load*
10 MW

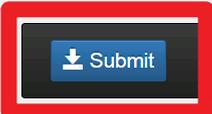
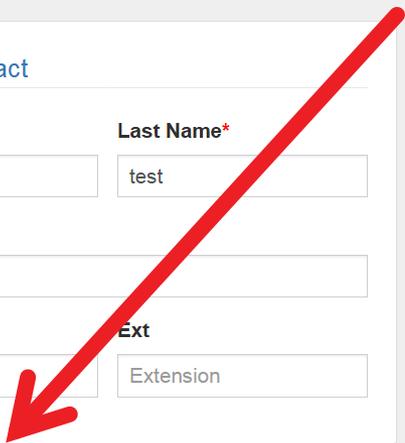
DRR/ADCR Mappings

DRR ID*
61243

DRR Name*
ZSEMA0D0

Active Capacity Resource (ID)*
null (null)

Submit **Cancel**



Customer Asset Management System

ASSETS

RESOURCES

Asset Registration

IMMAC

Demand Asset

Generators

Interruptible Loads

ODR

Resource Relationship Search

Your changes have been received and are being reviewed by the ISO

[Dashboard](#)
[Active Asset Search](#)
[Passive Asset Search](#)
[DRR Search](#)
[DRI](#)

[+ Enroll Active](#)
[+ Enroll Passive](#)

Active Asset Details

As Of * 06/01/2018
 Asset ID 61244
 Asset Name DR Industries
 Asset Status APPROVED
 Asset SubType Single Facility
 Date Effective 06/01/2018

Lead Participant (ID) Testing Customer (128728)
 DRR Name (ID) ZSEMA0D0 (61243)
 Active Capacity Resource (ID)

[Basic](#)
 [Facility](#)
 [Contacts](#)
 [Change Log](#)
 [Change Requests](#)
 [Service Notes](#)
 [Curtailments](#)

Requested Operational Date 03/01/2018	Actual Operational Date 03/01/2018	MIC (MW) 3.000	Max Load (MW) 10.000	Max Net Supply (MW) 0.000	Telemetry Installed/Operational Yes	Meter Issue Yes
DRR Aggregation Zone (ID) DR.MA_SEMA (7613)	Dispatch Zone (ID) SEMA (7512)	Registered@PNode 4124	Synchronize to Grid No	Has Generation No	Max Generation (MW) 0.000	1-minute Telemetry No

Baseline Built

Operational Status

Operating Reserve Capability

Weekdays	Saturdays	Sundays/DR Holidays	In Model Flag	Weekdays	Saturdays	Sundays/DR Holidays	TMNSR	TMOR	TMSR
-----------------	------------------	----------------------------	----------------------	-----------------	------------------	----------------------------	--------------	-------------	-------------



Questions

DRA & DRR Operational Status

DRA Operational Status Requirements

DRA

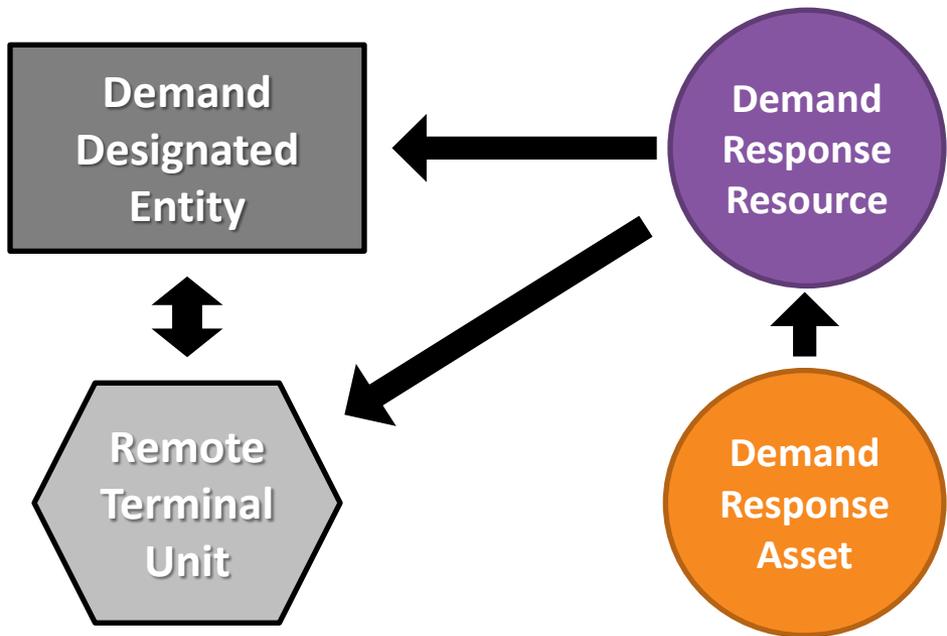
- It is in the Monthly Communications Model (*registration process*)
 - ‘Approved’ by ISO in CAMS
 - Telemetry is installed & operational
 - Mapped to an operational **DRR**
- It has a baseline built for the day-type (*only done once*)
- Meter issue flag is set to “No” in CAMS
- Has no scheduled curtailments in CAMS for the operating day



If any of these criteria are not met the **DRA**'s status is **automatically non-operational** and it **will not** contribute to **DRR** reduction values

DRR Operational Status - Requirements

- At least one approved and operational **DRA** in the same DRR aggregation zone is mapped to the **DRR**
- **DRR** is mapped to a DDE
- **DRR** is mapped to an RTU
- All mappings must be complete before the t-7 deadline



 This is covered in more detail in this [Energy Market Offers and Asset Management](#) presentation

Viewing DRA Operational Status

Active Asset Search Screen

Testing Customer (128728)
ATT Test Customer 2 Test User 2

Customer Asset Management System

ASSETS

RESOURCES

Asset Registration

IMMAC

Demand Asset

Generators

Interruptible Loads

ODR

Resource Relationship Search

Dashboard

Active Asset Search

Passive Asset Search

DRR Search

DRI

Enroll Active

Enroll Passive

As Of* 03/21/2018

Asset ID

Asset Name

Asset Status

Facility Type

DRR Name (ID)

ADCR Name (ID)

DRR Aggregation Zone (ID)

Reserve Zone

DRR Status

Dispatch Zone

PNode (ID)

Operating Reserve Capability

Duplicate Address

Co-Located

Meter Issue

Operational Status

Reset Submit

Curtailment Type

Curtailment Status

Curtailment Date Range Start End

Asset ID	Asset Name	Lead Participant (ID)	Asset Status	Effective	Dispatch Zone (ID)	Aggregation Zone (ID)	DRR (ID)	Oper
60053	Plant 1	Testing Customer (128728)	APPROVED	03/01/2018	Western MA (7517)	DR.MA_Western (7618)	ZWMA029 (60840)	Y
60091	DR Store	Testing Customer (128728)	APPROVED	03/01/2018	Central MA (7515)	DR.MA_Central (7616)	ZCTMA0AD (61130)	Y
60097	College 1	Testing Customer (128728)	APPROVED	03/01/2018	Western MA (7517)	DR.MA_Western (7618)	ZWMA029 (60840)	Y
60113	Plant 2	Testing Customer (128728)	APPROVED	03/01/2018	Western MA (7517)	DR.MA_Western (7618)	ZWMA029 (60840)	Y
60137	Business 2	Testing Customer (128728)	APPROVED	03/01/2018	Western MA (7517)	DR.MA_Western (7618)	ZWMA029 (60840)	Y
60151	Business 3	Testing Customer (128728)	APPROVED	03/01/2018	Western MA (7517)	DR.MA_Western (7618)	ZWMA029 (60840)	Y
60152	Business 1	Testing Customer (128728)	APPROVED	03/01/2018	Western MA (7517)	DR.MA_Western (7618)	ZWMA029 (60840)	Y
60181	Marx Brothers Community Farms	Testing Customer (128728)	APPROVED	03/01/2018	Vermont (7514)	DR.VT_Vermont (7615)	ZVT039 (60856)	Y
60193	College 2	Testing Customer (128728)	APPROVED	03/01/2018	Western MA (7517)	DR.MA_Western (7618)	ZWMA029 (60840)	Y

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Viewing DRR Operational Status

DRR Search Screen

Testing Customer (128728)
ATT Test Customer 2 Test User 2

Customer Asset Management System

ASSETS

RESOURCES

Asset Registration

IMMAC

Demand Asset

Generators

Interruptible Loads

ODR

Resource Relationship Search

Dashboard Active Asset Search Passive Asset Search **DRR Search** DRI

Enroll Active Enroll Passive

As Of* 03/21/2018 DRR ID Asset ID DRR Name Asset Name Short Name Asset Name DRR Status Has ADCR

DRR Aggregation Zone (ID) Reserve Zone (ID) Dispatch Zone (ID) DDE (ID) ADCR Name (ID) autocomplete

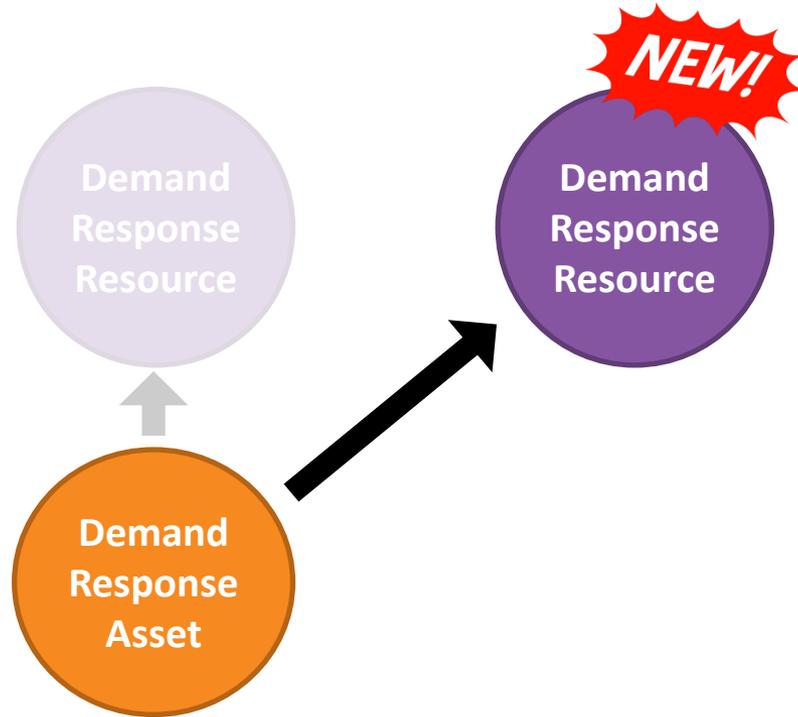
Reset Submit

DRR ID	DRR Name	Lead Participant (ID)	DRR Status	Registered@	Effective	Dispatch Zone (ID)	Aggregation Zone (ID)	ADCR ID
60802	ZLSMA003	Testing Customer (128728)	OPERATIONAL	Aggregation Zone	03/01/2018	Lower SEMA (7511)	DR.MA_Lower_SEMA (7612)	38324
60818	ZSEMA013	Testing Customer (128728)	OPERATIONAL	Aggregation Zone	03/01/2018	SEMA (7512)	DR.MA_SEMA (7613)	
60840	ZWMA029	Testing Customer (128728)	OPERATIONAL	Aggregation Zone	03/01/2018	Western MA (7517)	DR.MA_Western (7618)	38878
60845	ZECT02E	Testing Customer (128728)	OPERATIONAL	Aggregation Zone	03/01/2018	Eastern CT (7500)	DR.CT_Eastern (7600)	37930
60847	ZNEWH030	Testing Customer (128728)	OPERATIONAL	Aggregation Zone	03/01/2018	New Hampshire (7509)	DR.NH_New_Hampshire (7610)	
60856	ZVT039	Testing Customer (128728)	OPERATIONAL	Aggregation Zone	03/01/2018	Vermont (7514)	DR.VT_Vermont (7615)	37942
60859	ZWMA03C	Testing Customer (128728)	OPERATIONAL	Aggregation Zone	03/01/2018	Western MA (7517)	DR.MA_Western (7618)	37944
60860	ZME03D	Testing Customer (128728)	OPERATIONAL	Aggregation Zone	03/01/2018	Maine (7505)	DR.ME_Maine (7606)	
60873	ZME04A	Testing Customer (128728)	OPERATIONAL	Pnode (4169)	03/01/2018	Maine (7505)	DR.ME_Maine (7606)	
60877	ZNSHR04E	Testing Customer (128728)	OPERATIONAL	Pnode (4333)	03/01/2018	North Shore (7508)	DR.MA_North_Shore (7609)	38127
60879	ZNVVT050	Testing Customer (128728)	OPERATIONAL	Pnode (4461)	03/01/2018	Northwest Vermont (7513)	DR.VT_Northwest_Vermont (7614)	
60882	ZWMA053	Testing Customer (128728)	OPERATIONAL	Pnode (4310)	03/01/2018	Western MA (7517)	DR.MA_Western (7618)	
60960	ZSEMA05D	Testing Customer (128728)	OPERATIONAL	Aggregation Zone	03/01/2018	SEMA (7512)	DR.MA_SEMA (7613)	37924
61024	ZBSTN078	Testing Customer (128728)	NON_OPERATIONAL	Aggregation Zone	03/01/2018	Boston (7507)	DR.MA_Boston (7608)	

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DRA Remapping

Example Remapping Situation



Search for the DRA to Remap

Testing Customer (128728)
ATT Test Customer 2 Test User 2

Customer Asset Management System

ASSETS

RESOURCES

Asset Registration

IMMAC

Demand Asset

Generators

Interruptible Loads

ODR

Resource Relationship Search

Dashboard

Active Asset Search

Passive Asset Search

DRR Search

DRI

+ Enroll Active

+ Enroll Passive

As Of*	Asset ID	Asset Name	Asset Status	Facility Type	DRR Name (ID)	ADCR Name (ID)
03/02/2018	Asset ID	Asset Name	<input type="checkbox"/>	<input type="checkbox"/>	autocomplete	autocomplete
DRR Aggregation Zone (ID)	Reserve Zone	DRR Status	Dispatch Zone	PNode (ID)	Operating Reserve Capability	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	autocomplete	<input type="checkbox"/>	
Duplicate Address	Co-Located	Meter Issue	Operational Status			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Curtailment Type	Curtailment Status	Curtailment Date Range				
<input type="checkbox"/>	<input type="checkbox"/>	Start	End			

Asset ID	Asset Name	Lead Participant (ID)	Asset Status	Effective	Dispatch Zone (ID)	Aggregation Zone (ID)	DRR (ID)	Oper
60053	Plant 1	Testing Customer (128728)	APPROVED	03/01/2018	Western MA (7517)	DR.MA_Western (7618)	ZWMA029 (60840)	Y
60004	DR Plant	Testing Customer	APPROVED	03/01/2018	Central MA (7515)	DR.MA_Central (7610)	ZCTMA029	Y

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Remapping Options

Lead Participant (ID)

Testing Customer (128728)

DRR Name (ID)

ZWMA029 (60840)

Active Capacity Resource (ID)

Demand Capacity Resource 2490
(38878)

Basic

Facility

Contacts

Change Log

Change Requests

Service Notes

Curtailments

Requested Operational Date

06/01/2010

Actual Operational Date

06/01/2010

MIC (MW)

4.000

Max Load (MW)

5.750

Max Net Supply (MW)

0.000

Telemetry Installed/Operational

Yes

Meter Issue

No

DRR Aggregation Zone (ID)

DR.MA_Western (7618)

Dispatch Zone (ID)

Western MA (7517)

Registered@PNode

4505

Synchronize to Grid

No

Has Generation

No

Max Generation (MW)

0.000

1-minute Telemetry

No

Baseline Built

Weekdays

Yes

Saturdays

Yes

Sundays/DR Holidays

Yes

Operational Status

Weekdays

Yes

Saturdays

Yes

Sundays/DR Holidays

Yes

Operating Reserve Capability

TMNSR

No

TMOR

Yes

TMSR

No

Audits

Effective

01/01/2018

Expired

Summer (MW)

1.110

Winter (MW)

2.679

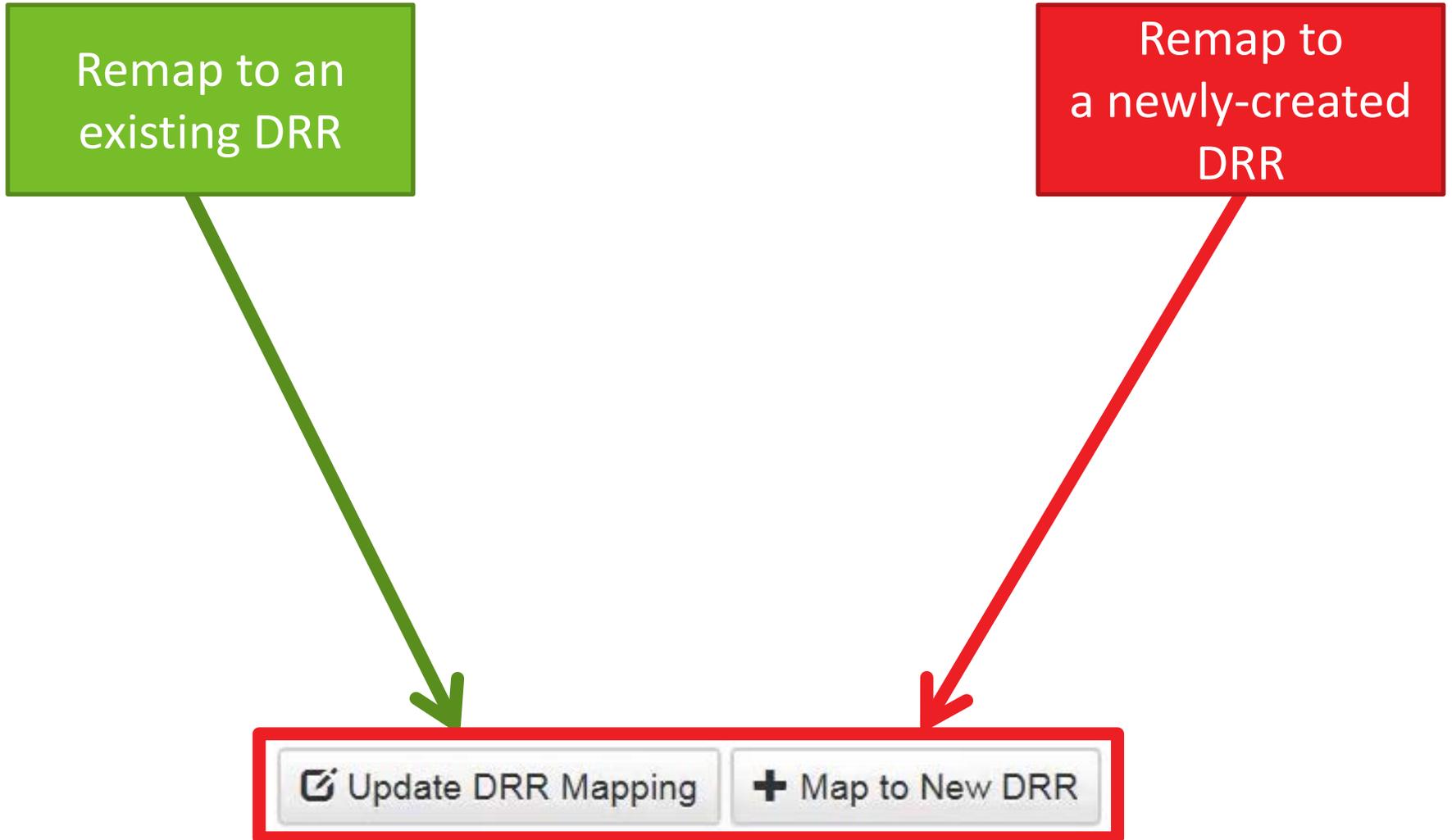
Update Asset

Update DRR Mapping

Map to New DRR

Retire Asset

Update DRR Mapping or Map to New DRR



Update DRR Mapping

Lead Participant (ID)

Testing Customer (128728)

DRR Name (ID)

ZSEMA0D0 (61243)

Active Capacity Resource (ID)

Basic

Facility

Contacts

Change Log

Change Requests

Service Notes

Curtailments

Requested Operational Date

03/01/2018

Actual Operational Date

03/01/2018

MIC (MW)

3.000

Max Load (MW)

10.000

Max Net Supply (MW)

0.000

Telemetry Installed/Operational

No

Meter Issue

No

DRR Aggregation Zone (ID)

DR.MA_SEMA (7613)

Dispatch Zone (ID)

SEMA (7512)

Registered@PNode

4124

Synchronize to Grid

No

Has Generation

No

Max Generation (MW)

0.000

1-minute Telemetry

No

Baseline Built

Weekdays

No

Saturdays

No

Sundays/DR Holidays

No

In Model Flag

No

Weekdays

No

Saturdays

No

Sundays/DR Holidays

No

TMNSR

No

TMOR

Yes

TMSR

No

Audits

No audit data exists for this asset.

Update Asset

Update DRR Mapping

Map to New DRR

Retire Asset

Remap to an existing DRR

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Select the Effective Date

Active Asset Details

As Of * 06/01/2018 **Asset ID** 60091 **Asset Name** DR Store

Lead Participant (ID) Testing Customer (128728) **DRR Name (ID)** ZCTMA0AD (61136)

Requested Operational Date 06/01/2010 **Actual Operational Date** 06/01/2010 **MIC (MW)** 10.000

DRR Aggregation Zone (ID) DR.MA_Central (7616) **Dispatch Zone (ID)** Central MA (7515) **Registered** 4356

Baselines Built

Weekdays	Saturdays	Sundays/DR Holidays	In Model
Yes	Yes	Yes	Yes

Audits

Effective	Expired
01/01/2018	

Update DRR Mapping [close]

Date Effective*

- 04/01/2018
- 05/01/2018
- 06/01/2018**
- 07/01/2018
- 08/01/2018
- 09/01/2018
- 10/01/2018
- 11/01/2018
- 12/01/2018
- 01/01/2019
- 02/01/2019
- 03/01/2019
- 04/01/2019
- 05/01/2019
- 06/01/2019
- 07/01/2019
- 08/01/2019
- 09/01/2019
- 10/01/2019

Telemetry Installed/Operational Yes **Meter Issue** No

Has Generation No **Max Generation (MW)** 0.000 **1-minute Telemetry** No

Operating Reserve Capability

TMNSR	TMOR	TMSR
No	Yes	No

Winter (MW) 0.005

Update Asset **Update DRR Mapping** **+ Map to New DRR** **Retire Asset**

Remap to an existing DRR

Choose the Existing DRR to Map

Active Asset Details

As Of * 06/01/2018 **Asset ID** 60091 **Asset Name** DR Store

Lead Participant (ID) Testing Customer (128728) **DRR Name (ID)** ZCTMA0AD (61136)

Requested Operational Date 06/01/2010 **Actual Operational Date** 06/01/2010 **MIC (MW)** 10.000

DRR Aggregation Zone (ID) DR.MA_Central (7616) **Dispatch Zone (ID)** Central MA (7515) **Registered** 4356

Weekdays Yes **Saturdays** Yes **Sundays/DR Holidays** Yes **In Model** Yes

Effective 01/01/2018 **Expired**

Telemetry Installed/Operational Yes **Meter Issue** No

Has Generation No **Max Generation (MW)** 0.000 **1-minute Telemetry** No

Winter (MW) 0.005

Operating Reserve Capability

TMNSR No **TMOR** Yes **TMSR** No

Update Asset **Update DRR Mapping** **+ Map to New DRR** **Retire Asset**

Update DRR Mapping × close

Date Effective* 06/01/2018

DRR Name (ID)*

- ZBSTN078 (61024)
- ZCTMA0AD (61136)
- ZECT02E (60845)
- ZLSMA003 (60802)
- ZME03D (60860)
- ZME04A (60873)
- ZNEWH030 (60847)
- ZNSHR04E (60877)
- ZNWVT050 (60879)
- ZRIOB8 (61160)
- ZSEMA013 (60818)
- ZSEMA05D (60960)
- ZSEMA088 (61059)
- ZSEMA0B9 (61163)
- ZSEMA0BE (61178)
- ZSEMA0CD (61235)
- ZSEMA0CE (61239)
- ZSEMA0CF (61241)
- ZSEMA0D0 (61243)

Remap to an existing DRR

Submitted & Pending ISO Approval

Lead Participant (ID) DRR Name (ID) Active Capacity Resource (ID)

Testing Customer (128728) ZSEMA0D0 (64010)

Basic Facility Contacts Change Log Change Res

Requested Operational Date Actual Operational Date

03/01/2018 03/01/2018

DRR Aggregation Zone (ID) Dispatch Zone (ID) Registered@PNode Synchronize to Grid

DR.MA_SEMA (7613) SEMA (7512) 4124 No

Telemetry Installed/Operational Meter Issue

No No

Has Generation Max Generation (MW) 1-minute Telemetry

No 0.000 No

Baseline Built Operational Status Operating Reserve Capability

Weekdays Saturdays Sundays/DR Holidays In Model Flag Weekdays Saturdays Sundays/DR Holidays TMNSR TMOR TMSR

No No No No No No No No Yes No

Audits

No audit data exists for this asset.

Update Asset Update DRR Mapping Map to New DRR Retire Asset

Update DRR Mapping × close

DRR mapping update is pending ISO approval.

Remap to an existing DRR

Map to New DRR

Lead Participant (ID) Testing Customer (128728)	DRR Name (ID) ZSEMA0D0 (61243)	Active Capacity Resource (ID)
---	--	--

Basic [Facility](#) [Contacts](#) [Change Log](#) [Change Requests](#) [Service Notes](#) [Curtailments](#)

Requested Operational Date 03/01/2018	Actual Operational Date 03/01/2018	MIC (MW) 3.000	Max Load (MW) 10.000	Max Net Supply (MW) 0.000	Telemetry Installed/Operational No	Meter Issue No
DRR Aggregation Zone (ID) DR.MA_SEMA (7613)	Dispatch Zone (ID) SEMA (7512)	Registered@PNode 4124	Synchronize to Grid No	Has Generation No	Max Generation (MW) 0.000	1-minute Telemetry No

Baseline Built

Weekdays No	Saturdays No	Sundays/DR Holidays No	In Model Flag No	Weekdays No	Saturdays No	Sundays/DR Holidays No	TMNSR No	TMOR Yes	TMSR No
-----------------------	------------------------	----------------------------------	----------------------------	-----------------------	------------------------	----------------------------------	--------------------	--------------------	-------------------

Audits

No audit data exists for this asset.

Update Asset

Update DRR Mapping

Map to New DRR

Retire Asset

Remap to newly created DRR

Date & DDE

Customer Asset Management System

Testing Customer (128728)
ATT Test Customer 2 Test User 2

ASSETS

RESOURCES

Asset Registration

IMMAC

Demand Asset

Generators

Interruptible Loads

ODR

Resource Relationship Search

[Dashboard](#) [Active Asset Search](#) [Passive Asset Search](#) [DRR Search](#) [DRI](#)

[+ Enroll Active](#) [+ Enroll Passive](#)

Create DR Resource

Active Asset ID*

61244

Date Effective*

07/01/2019

DDE Name (ID)*

Testing Customer (128728)

[Submit](#)

[Cancel](#)

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Remap to newly
created DRR

73

Success!

Customer Asset Management System

Testing Customer (128728)
ATT Test Customer 2 Test User 2

- ASSETS**
 - RESOURCES
 - Asset Registration
 - IMMAC
- Demand Asset** | Generators | Interruptible Loads | ODR | Resource Relationship Search

DRR 61260 has been successfully created effective 07/01/2019. The asset mapping update is pending ISO review.

- Dashboard
- Active Asset Search
- Passive Asset Search
- DRR Search
- DRI
- Enroll Active
- Enroll Passive

Active Asset Details

As Of *	Asset ID	Asset Name	Asset Status	Asset SubType	Date Effective
07/01/2019	61244	DR Industries	APPROVED	Single Facility	04/10/2018
Lead Participant (ID)	DRR Name (ID)		Active Capacity Resource (ID)		
Testing Customer (128728)	ZSEMA0D0 (61243)				

- Basic
- Facility
- Contacts
- Change Log
- Change Requests
- Service Notes
- Curtailments

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Remap to newly created DRR

Change Requests Tab Shows Status

[Dashboard](#)
[Active Asset Search](#)
[Passive Asset Search](#)
[DRR Search](#)
[DRI](#)

[+ Enroll Active](#)
[+ Enroll Passive](#)

Active Asset Details

As Of *	Asset ID	Asset Name	Asset Status	Asset Sub Type	Date Effective
07/01/2018	61244	DR Industries	APPROVED	Single Facility	04/10/2018
Lead Participant (ID)		DRR Name (ID)		Active Capacity Resource (ID)	
Testing Customer (128728)		ZSEMA0D0 (61243)			

[Basic](#)
[Facility](#)
[Contacts](#)
[Change Log](#)
[Change Requests](#)
[Service Notes](#)
[Curtailments](#)

CR ID	CR Effective Date	CR Type	CR Status	Last Updated	Updated By	Action
4749	03/01/2018	DRA Enrollment	APPROVED	02/15/2018 10:46:57	999999923	
4750	04/10/2018	DRA Update	PENDING_ISO_ACTION	02/15/2018 10:48:01	999999694	
4806	06/01/2018	DRA Update	PENDING_ISO_ACTION	03/16/2018 12:12:15	999999692	
4807	07/01/2019	DRA Update	PENDING_ISO_ACTION	03/16/2018 12:18:34	999999692	
4808	07/01/2018	DRA Update	PENDING_ISO_ACTION	03/19/2018 13:50:52	999999692	

[Update Asset](#)
[Update DRR Mapping](#)
[+ Map to New DRR](#)
[Retire Asset](#)

Remap to newly created DRR



Questions

Remap or Unmap an ADCR

Select the DRR to Remap or Unmap

Testing Customer (128728)
ATT Test Customer 2 Test User 2

Customer Asset Management System

ASSETS

RESOURCES

Asset Registration

IMMAC

Demand Asset

Generators

Interruptible Loads

ODR

Resource Relationship Search

Dashboard

Active Asset Search

Passive Asset Search

DRR Search

DRI

Enroll Active

Enroll Passive

As Of*

06/01/2018

DRR ID

Asset ID

DRR Name

Asset Name

Short Name

Asset Name

DRR Status

Has ADCR

DRR Aggregation Zone (ID)

Reserve Zone (ID)

Dispatch Zone (ID)

DDE (ID)

ADCR Name (ID)

autocomplete

Reset

Submit

DRR ID	DRR Name	Lead Participant (ID)	DRR Status	Registered@	Effective	Dispatch Zone (ID)	Aggregation Zone (ID)	ADCR ID
61261	ZSEMA0D5	Testing Customer (128728)	NON_OPERATIONAL	Aggregation Zone	03/19/2018	SEMA (7512)	DR.MA_SEMA (7613)	
61260	ZSEMA0D4	Testing Customer (128728)	NON_OPERATIONAL	Aggregation Zone	03/16/2018	SEMA (7512)	DR.MA_SEMA (7613)	
61252	ZSFLD0D3	Testing Customer (128728)	NON_OPERATIONAL	Aggregation Zone	03/14/2018	Springfield MA (7516)	DR.MA_Springfield (7617)	38803
61250	ZSFLD0D2	Testing Customer (128728)	NON_OPERATIONAL	Aggregation Zone	06/01/2018	Springfield MA (7516)	DR.MA_Springfield (7617)	38803
61248	ZSELD0D1	Testing Customer (128728)	NON_OPERATIONAL	Aggregation Zone	06/01/2018	Springfield MA (7516)	DR.MA_Springfield (7617)	38803
61243	ZSEMA0D0	Testing Customer (128728)	OPERATIONAL	Aggregation Zone	04/10/2018	SEMA (7512)	DR.MA_SEMA (7613)	
61241	ZSEMA0CF	Testing Customer (128728)	NON_OPERATIONAL	Aggregation Zone	04/06/2018	SEMA (7512)	DR.MA_SEMA (7613)	
61239	ZSEMA0CE	Testing Customer (128728)	OPERATIONAL	Aggregation Zone	03/01/2018	SEMA (7512)	DR.MA_SEMA (7613)	
61235	ZSEMA0CD	Testing Customer (128728)	NON_OPERATIONAL	Aggregation Zone	05/01/2018	SEMA (7512)	DR.MA_SEMA (7613)	
61178	ZSEMA0BE	Testing Customer (128728)	OPERATIONAL	Aggregation Zone	03/01/2018	SEMA (7512)	DR.MA_SEMA (7613)	
61163	ZSEMA0B9	Testing Customer (128728)	NON_OPERATIONAL	Aggregation Zone	05/01/2018	SEMA (7512)	DR.MA_SEMA (7613)	
61160	ZRIOB8	Testing Customer (128728)	OPERATIONAL	Aggregation Zone	03/01/2018	Rhode Island (7518)	DR.RI_Rhode_Island (7619)	
61136	ZCTMA0AD	Testing Customer (128728)	OPERATIONAL	Pnode (4356)	03/01/2018	Central MA (7515)	DR.MA_Central (7616)	
61133	ZSFLD0AB	Testing Customer (128728)	OPERATIONAL	Aggregation Zone	03/16/2018	Springfield MA (7516)	DR.MA_Springfield (7617)	38803

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ADCR Remapping

Testing Customer (128728)
ATT Test Customer 2 Test User 2

Customer Asset Management System

ASSETS

RESOURCES

Asset Registration

IMMAC

Demand Asset

Generators

Interruptible Loads

ODR

Resource Relationship Search

Dashboard Active Asset Search Passive Asset Search DRR Search DRI

Enroll Active Enroll Passive

DR Resource Details

As Of *	DRR ID	DRR Name	Short Name	DRR Status	Date Effective	Lead Participant (ID)
06/01/2018	61243	ZSEMA0D0	ZSEMA0D0	OPERATIONAL	04/10/2018	Testing Customer (128728)

Basic Mappings Contacts Change Log Change Requests Service Notes

RTU ID	DDE (ID)	MIC (MW)	
30024	Testing Customer (128728)	3.525	
Registered@Aggregation Zone	Dispatch Zone (ID)	DRR Aggregation Zone (ID)	Reserve Zone ID
7613	SEMA (7512)	DR.MA_SEMA (7613)	7000

Operating Reserve Capability

Audits

TMNSR	TMOR	TMSR	No audit data exists for this asset.
No	Yes	No	

Update ADCR Mapping

Update DDE

Update RTU

Retire DRR

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Pop-Up Window

Customer Asset Management System Testing Customer (128728)
ATT Test Customer 2 Test User 2

ASSETS RESOURCES Asset Registration IMMAC
Demand Asset Generators Interruptible Loads ODR Res

Dashboard Active Asset Search Passive Asset Search DRR

DR Resource Details

As Of *	DRR ID	DRR Name	Short	Active	Lead Participant (ID)
06/01/2018	61243	ZSEMA000	ZSE	18	Testing Customer (128728)

Basic Mappings Contacts Change Log Change Requests Service Notes

RTU ID	DDE (ID)	MIC (MW)	
30024	Testing Customer (128728)	3.525	
Registered@Aggregation Zone	Dispatch Zone (ID)	DRR Aggregation Zone (ID)	Reserve Zone ID
7613	SEMA (7512)	DR.MA_SEMA (7613)	7000

Operating Reserve Capability Audits

TMNSR	TMOR	TMSR	No audit data exists for this asset.
No	Yes	No	

Update ADCR Mapping Update DDE Update RTU Retire DRR

Update ADCR Mapping × close

Note: Not selecting an option will UNMAP this ADCR from this DRR

Date Effective*

Active Demand Capacity Resource (ID)

Effective Date

Dashboard Active Asset Search Passive Asset Search DRR Search DRI + Enroll Active + Enroll Passive

DR Resource Details

As Of* DRR ID DRR Name
03/05/2018 60840 ZWMA029

Basic Mappings Contacts Change Log Change

RTU ID DDE (ID)
30024 Testing Customer (128728)

Registered@Aggregation Zone Dispatch Zone (ID)
7618 Western MA (7517)

Operating Reserve Capability Audits

TMNSR TMOR TMSR Effective
No Yes No 01/01/2018

Date Expires Lead Participant (ID)
06/01/2018 Testing Customer (128728)

MW Winter (MW)
7.295

Update APCR Mapping Update DDE Update RTU Retire DRR

Update APCR Mapping

Note: Not selecting an option will UNMAP this APCR from this DRR

Date Effective*

- 04/01/2018
- 05/01/2018
- 06/01/2018
- 07/01/2018**
- 08/01/2018
- 09/01/2018
- 10/01/2018
- 11/01/2018
- 12/01/2018
- 01/01/2019
- 02/01/2019
- 03/01/2019
- 04/01/2019
- 05/01/2019
- 06/01/2019
- 07/01/2019
- 08/01/2019
- 09/01/2019
- 10/01/2019
- 11/01/2019
- 12/01/2019
- 01/01/2020
- 02/01/2020
- 03/01/2020

Select the Blank Field to Unmap

Customer Asset Management System

ASSETS RESOURCES Asset Registration IMMAC

Demand Asset Generators Interruptible Loads ODR Res

Dashboard Active Asset Search Passive Asset Search DRR

Enroll Active Enroll Passive

DR Resource Details

As Of *	DRR ID	DRR Name	Short	Active	Lead Participant (ID)
06/01/2018	61243	ZSEMA000	ZSE	18	Testing Customer (128728)

Update ADCR Mapping close

Note: Not selecting an option will UNMAP this ADCR from this DRR

Date Effective*
07/01/2018

Active Demand Capacity Resource (ID)
Demand Capacity Resource 2150 (37924)

Basic Mappings Contacts Change Log Change Requests Service Notes

RTU ID	DDE (ID)	MIC (MW)	
30024	Testing Customer (128728)	3.525	
Registered@Aggregation Zone	Dispatch Zone (ID)	DRR Aggregation Zone (ID)	Reserve Zone ID
7613	SEMA (7512)	DR.MA_SEMA (7613)	7000

Operating Reserve Capability		Audits	
TMNSR	TMOR	TMSR	No audit data exists for this asset.
No	Yes	No	

Update ADCR Mapping Update DDE Update RTU Retire DRR

Select an ADCR to Remap

Customer Asset Management System

ASSETS RESOURCES Asset Registration IMMAC

Demand Asset Generators Interruptible Loads ODR Res

Dashboard Active Asset Search Passive Asset Search DRR

Enroll Active Enroll Passive

DR Resource Details

As Of *	DRR ID	DRR Name	Short	Active	Lead Participant (ID)
06/01/2018	61243	ZSEMA000	ZSE	18	Testing Customer (128728)

Update ADCR Mapping close

Note: Not selecting an option will UNMAP this ADCR from this DRR

Date Effective*
07/01/2018

Active Demand Capacity Resource (ID)
Demand Capacity Resource 2150 (37924)

Demand Capacity Resource 2150 (37924)

Basic Mappings Contacts Change Log Change Requests Service Notes

RTU ID 30024	DDE (ID) Testing Customer (128728)	MIC (MW) 3.525	
Registered@Aggregation Zone 7613	Dispatch Zone (ID) SEMA (7512)	DRR Aggregation Zone (ID) DR.MA_SEMA (7613)	Reserve Zone ID 7000

Operating Reserve Capability		Audits	
TMNSR No	TMOR Yes	TMSR No	No audit data exists for this asset.

Update ADCR Mapping Update DDE Update RTU Retire DRR

ADCR Mapping Requires ISO Approval

Customer Asset Management System Testing Customer (128728)
ATT Test Customer 2 Test User 2

ASSETS RESOURCES Asset Registration IMMAC
Demand Asset Generators Interruptible Loads ODR Res

Dashboard Active Asset Search Passive Asset Search DRR + Enroll Active + Enroll Passive

Update ADCR Mapping x close

ADCR mapping update is pending ISO approval.

DR Resource Details

As Of *	DRR ID	DRR Name	Short Name	DRR Status	Date Effective	Lead Participant (ID)
06/01/2018	61243	ZSEMA0D0	ZSEMA0D0	OPERATIONAL	04/10/2018	Testing Customer (128728)

Basic Mappings Contacts Change Log Change Requests Service Notes

RTU ID	DDE (ID)	MIC (MW)	
30024	Testing Customer (128728)	3.525	
Registered@Aggregation Zone	Dispatch Zone (ID)	DRR Aggregation Zone (ID)	Reserve Zone ID
7613	SEMA (7512)	DR.MA_SEMA (7613)	7000

Operating Reserve Capability Audits

TMNSR	TMOR	TMSR	No audit data exists for this asset.
No	Yes	No	

Update ADCR Mapping Update DDE Update RTU Retire DRR

Retire a DRA or DRR

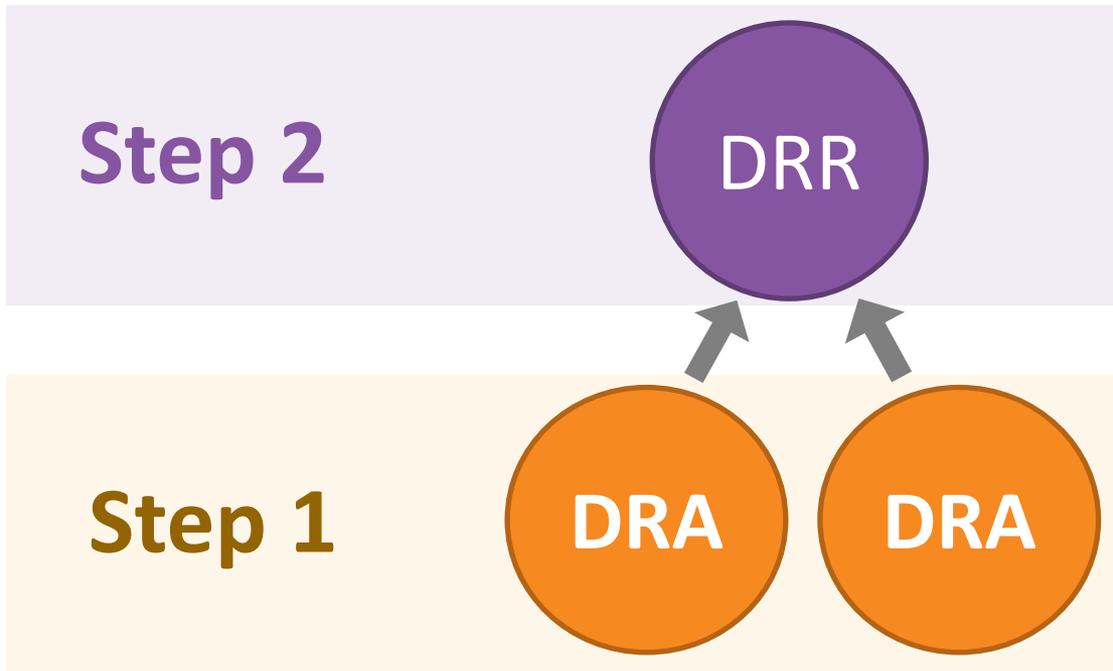
Retiring: Order of Operations

Step 1:

- Retire or remap DRA(s)

Step 2:

- Retire DRR



Retire a DRA

Active Asset Details

As Of *	Asset ID	Asset Name	Asset Status	Asset SubType	Date Effective	Date Expires
03/14/2018	60053	Plant 1	APPROVED	Single Facility	03/01/2018	06/01/2018
Lead Participant (ID)		DRR Name (ID)		Active Capacity Resource (ID)		
Testing Customer (128728)		ZWMA029 (60840)		Demand Capacity Resource 2490 (38878)		

Basic [Facility](#) [Contacts](#) [Change Log](#) [Change Requests](#) [Service Notes](#) [Curtailments](#)

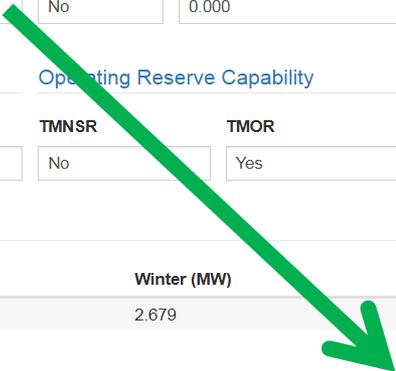
Requested Operational Date	Actual Operational Date	MIC (MW)	Max Load (MW)	Max Net Supply (MW)	Telemetry Installed/Operational	Meter Issue
06/01/2010	06/01/2010	4.000	5.750	0.000	Yes	No
DRR Aggregation Zone (ID)	Dispatch Zone (ID)	Registered@PNode	Synchronize to Grid	Has Generation	Max Generation (MW)	1-minute Telemetry
DR.MA_Western (7618)	Western MA (7517)	4505	No	No	0.000	No

Baseline Built

Weekdays	Saturdays	Sundays/DR Holidays	Weekdays	Saturdays	Sundays/DR Holidays	TMNSR	TMOR	TMSR
Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No

Audits

Effective	Expired	Summer (MW)	Winter (MW)
01/01/2018		1.810	2.679



[Update Asset](#) [Update DRR Mapping](#) [+ Map to New DRR](#)

[Retire Asset](#)

Pop-Up Window

Active Asset Details

Retire Asset x close

Date Effective*

As Of*	Asset ID	Asset Name	Active	Date Expires
03/14/2018	60053	Plant 1	18	06/01/2018
Lead Participant (ID)	DRR Name (ID)		D)	
Testing Customer (128728)	ZWMA029 (60840)			2490 (38878)

Basic Facility Contacts Change Log Change Requests Service Notes Curtailments

Requested Operational Date	Actual Operational Date	MIC (MW)	Max Load (MW)	Max Net Supply (MW)	Telemetry Installed/Operational	Meter Issue
06/01/2010	06/01/2010	4.000	5.750	0.000	Yes	No
DRR Aggregation Zone (ID)	Dispatch Zone (ID)	Registered@PNode	Synchronize to Grid	Has Generation	Max Generation (MW)	1-minute Telemetry
DR.MA_Western (7618)	Western MA (7517)	4505	No	No	0.000	No

Baseline Built			Operational Status			Operating Reserve Capability		
Weekdays	Saturdays	Sundays/DR Holidays	Weekdays	Saturdays	Sundays/DR Holidays	TMNSR	TMOR	TMSR
Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No

Audits

Effective	Expired	Summer (MW)	Winter (MW)
01/01/2018		1.810	2.679

Choose Effective Date

Active Asset Details

As Of * 03/21/2018 **Asset ID** 60198 **Asset Name** Factory 2

Lead Participant (ID) Testing Customer (128728) **DRR Name (ID)** ZWMA029 (60840)

Requested Operational Date 07/01/2010 **Actual Operational Date** 07/01/2010 **MIC (MW)** 0.300

DRR Aggregation Zone (ID) DR.MA_Western (7618) **Dispatch Zone (ID)** Western MA (7517) **Registered** 4328

Baseline Built **Operating Reserve Capability**

Weekdays Yes **Saturdays** Yes **Sundays/DR Holidays** Yes **In Model** Yes

Audits

Effective 03/04/2018 **Expired**

Telemetry Installed/Operational Yes **Meter Issue** No

Has Generation No **Max Generation (MW)** 0.000 **1-minute Telemetry** No

TMNSR No **TMOR** Yes **TMSR** No

Winter (MW) 0.500

Retire Asset x close

Date Effective*

- 04/01/2018
- 05/01/2018**
- 06/01/2018
- 07/01/2018
- 08/01/2018
- 09/01/2018
- 10/01/2018
- 11/01/2018
- 12/01/2018
- 01/01/2019
- 02/01/2019
- 03/01/2019
- 04/01/2019
- 05/01/2019
- 06/01/2019
- 07/01/2019
- 08/01/2019
- 09/01/2019
- 10/01/2019

Retirement Successful

Active Asset Details

As Of *	Asset ID	Asset Name	Active	Date Expires
03/21/2018	60053	Plant 1	<input type="checkbox"/>	06/01/2018
Lead Participant (ID)	DRR Name (ID)		D)	
Testing_Customer (128728)	ZWMA029 (60840)		2490 (38878)	

Retire Asset x close

Asset successfully retired effective 05/01/2018 x

Basic Facility Contacts Change Log Change Requests Service Notes Curtailments

Requested Operational Date	Actual Operational Date	MIC (MW)	Max Load (MW)	Max Net Supply (MW)	Telemetry Installed/Operational	Meter Issue
06/01/2010	06/01/2010	4.000	5.750	0.000	Yes	No
DRR Aggregation Zone (ID)	Dispatch Zone (ID)	Registered@PNode	Synchronize to Grid	Has Generation	Max Generation (MW)	1-minute Telemetry
DR_MA_Western (7618)	Western MA (7517)	4505	No	No	0.000	No

Baseline Built **Operational Status** **Operating Reserve Capability**

Weekdays	Saturdays	Sundays/DR Holidays	In Model Flag	Weekdays	Saturdays	Sundays/DR Holidays	TMNSR	TMOR	TMSR
Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No

Audits

Effective	Expired	Summer (MW)	Winter (MW)
01/01/2018		1.810	2.679

Update Asset Update DRR Mapping Map to New DRR

Retire DRR

Customer Asset Management System

ASSETS

RESOURCES

Asset Registration

IMMAC

Demand Asset

Generators

Interruptible Loads

ODR

Resource Relationship Search

Dashboard Active Asset Search Passive Asset Search DRR Search DRI

Enroll Active Enroll Passive

DR Resource Details

As Of *	DRR ID	DRR Name	Short Name	DRR Status	Date Effective	Lead Participant (ID)
03/21/2018	61261	ZSEMA0D5	ZSEMA0D5	NON_OPERATIONAL	03/19/2018	Testing Customer (128728)

Basic Mappings Contacts Change Log Change Requests Service Notes

RTU ID	DDE (ID)	Active Demand Capacity Resource (ID)	MIC (MW)
	Testing Customer (128728)		0.000
Registered@Aggregation Zone	Dispatch Zone (ID)	DRR Aggregation Zone (ID)	Reserve Zone ID
7613	SEMA (7512)	DR.MA_SEMA (7613)	7000

Operating Reserve Capability

Audits

TMNSR	TMOR	TMSR	No audit data exists for this asset.
No	Yes	No	

Update ADCR Mapping Update DDE Update RTU

Retire DRR

Retire DRR Pop-Up Screen

Customer Asset Management System Testing Customer (128728)
ATT Test Customer 2 Test User 2

ASSETS RESOURCES Asset Registration IMMAC

Demand Asset Generators Interruptible Loads ODR Reso

Dashboard Active Asset Search Passive Asset Search DRR + Enroll Active + Enroll Passive

Retire DRR x close

Date Effective*

[Submit](#)

DR Resource Details

As Of*	DRR ID	DRR Name	Short Name	DRR Status	Date Effective	Lead Participant (ID)
03/21/2018	60877	ZNSHR04E	ZNSHR04E	OPERATIONAL	03/01/2018	Testing Customer (128728)

Basic Mappings Contacts Change Log Change Requests Service Notes

RTU ID	DDE (ID)	Active Demand Capacity Resource (ID)	MIC (MW)
30024	Testing Customer (128728)	Demand Capacity Resource 2265 (38127)	15.868

Registered@PNode	Dispatch Zone (ID)	DRR Aggregation Zone (ID)	Reserve Zone ID
4333	North Shore (7508)	DR.MA_North_Shore (7609)	7003

Operating Reserve Capability Audits

TMNSR	TMOR	TMSR	Effective	Expired	Summer (MW)	Winter (MW)
No	Yes	No	01/01/2018		-0.106	0.631

[Update ADCR Mapping](#)
[Update DDE](#)
[Update RTU](#)
[Retire DRR](#)

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Select the Retirement Date for the DRR

Testing Customer (128728)
ATT Test Customer 2 Test User 2

Customer Asset Management System

ASSETS RESOURCES Asset Registration IMMAC

Demand Asset Generators Interruptible Loads ODR Res

Dashboard Active Asset Search Passive Asset Search DRR

Enroll Active Enroll Passive

DR Resource Details

As Of *	DRR ID	DRR Name	Short Na
03/21/2018	61261	ZSEMA0D5	ZSEMA

Effective	Lead Participant (ID)
2018	Testing Customer (128728)

Basic Mappings Contacts Change Log Change Requests Service

RTU ID	DDE (ID)	Active D
	Testing Customer (128728)	

W)

Registered@Aggregation Zone	Dispatch Zone (ID)	DRR Agg
7613	SEMA (7512)	DR.MA

Operating Reserve Capability Audits

TMNSR	TMOR	TMSR	No audit data exists for this e
No	Yes	No	

Update ADCR Mapping Update DDE Update RTU

Retire DRR

Retire DRR

close

Date Effective*

- 04/01/2018
- 05/01/2018
- 06/01/2018**
- 07/01/2018
- 08/01/2018
- 09/01/2018
- 10/01/2018
- 11/01/2018
- 12/01/2018
- 01/01/2019
- 02/01/2019
- 03/01/2019
- 04/01/2019
- 05/01/2019
- 06/01/2019
- 07/01/2019
- 08/01/2019
- 09/01/2019
- 10/01/2019

DRR Scheduled for Retirement

Testing Customer (128728)
ATT Test Customer 2 Test User 2

Customer Asset Management System

ASSETS RESOURCES Asset Registration IMMAC

Demand Asset Generators Interruptible Loads ODR Res

Dashboard Active Asset Search Passive Asset Search DRR

Enroll Active Enroll Passive

Retire DRR close

DRR scheduled for retirement effective 06/01/2018

DR Resource Details

As Of *	DRR ID	DRR Name	Short Name	DRR Status	Date Effective	Lead Participant (ID)
03/21/2018	61261	ZSEMA0D5	ZSEMA0D5	NON_OPERATIONAL	03/19/2018	Testing Customer (128728)

Basic Mappings Contacts Change Log Change Requests Service Notes

RTU ID	DDE (ID)	Active Demand Capacity Resource (ID)	MIC (MW)
	Testing Customer (128728)		0.000
Registered@Aggregation Zone	Dispatch Zone (ID)	DRR Aggregation Zone (ID)	Reserve Zone ID
7613	SEMA (7512)	DR.MA_SEMA (7613)	7000

Operating Reserve Capability Audits

TMNSR	TMOR	TMSR	No audit data exists for this asset.
No	Yes	No	

Update ADCR Mapping Update DDE Update RTU

Retire DRR

DRI

Viewing Legacy CAMS Information

Customer Asset Management System

ASSETS | RESOURCES | Asset Registration | IMMAC

Demand Asset | Generators | Interruptible Loads | ODR | Resource Relationship Search

Dashboard | Active Asset Search | Passive Asset Search | DRR Search | **DRI** | + Enroll Active | + Enroll Passive

Pending Change Requests

There are no pending change requests that require your attention.

Pending Curtailments

There are no pending curtailments that require your attention.

Read-Only View of Legacy Information

Demand Asset/Measure Search

Search Demand Asset Search Measures

<p>As of Date*: <input type="text" value="03/19/2018"/></p> <p>DR Category: <input type="text"/></p> <p>Measure ID: <input type="text"/></p> <p>Measure Status: <input type="text"/></p> <p>PNode ID: <input type="text"/></p> <p>Metering Domain ID: <input type="text"/></p> <p>Load Zone ID: <input type="text"/></p> <p>Dispatch Zone ID: <input type="text"/></p>	<p>DR Type: <input type="text"/></p> <p>DR Sub-Type: <input type="text"/></p> <p>Measure Name: <input type="text"/></p> <p>Metering Configuration: <input type="text"/></p> <p>Facility Name ID: <input type="text"/></p>
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Questions

Customer Support Information



Ask ISO (preferred)

- Self-service interface for submitting inquiries
- Accessible through the SMD Applications Homepage
- Requires a valid digital certificate with the role of Ask ISO/External User (Contact your security administrator for assistance)

Other Methods of Contacting Customer Support

Method	Contact Information	Availability
Email	custserv@iso-ne.com	Anytime
Phone*	(413) 540-4220	Monday through Friday 8:00 a.m. to 5:00 p.m. (EST)
Pager (emergency inquiries)	(877) 226-4814	Outside of regular business hours

* Recorded/monitored conversations