



**NORTH AMERICAN ENERGY  
STANDARDS BOARD**

# **NAESB EIR POWERED BY OATI WEBREGISTRY USER GUIDE v5.0**

OCTOBER 2023

**PROPRIETARY AND CONFIDENTIAL**

## **The Smarter Future of Energy**



**OPEN ACCESS TECHNOLOGY INTERNATIONAL, INC.**

7901 Computer Avenue | Bloomington, MN 55435 | Phone 763.201.2000 | Fax 763.201.5333 | [www.oati.com](http://www.oati.com)

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## 1. Introduction

The Electric Industry Registry (EIR) will serve as the central repository for information required to support commercial, scheduling, and transmission management operations in North America. The North American Energy Standards Board (NAESB) has provided the requirements for the EIR. Open Access Technology International, Inc. (OATI) has developed the webRegistry system to perform NAESB EIR functions. webRegistry is a web-based system that allows industry participants to register and maintain their company information used by industry participants in business operations. In addition, companies can register new data and modify existing data that are used in transmission and scheduling procedures.

This User Guide describes the functionality of the system and how to enter and maintain data.

## 2. Graphical User Interface

Diverse functions and buttons are available throughout the webRegistry system. The system also includes options such as filtering capabilities and Column Configuration.

### 2.1 Functional Buttons

#### Application Options:



Toolbars - Loads a custom menu format.



Hide/Show menu bar. Click this to hide/show the menu bar.



Menu orientation - Change the orientation of the menus from horizontal to vertical and vice versa.



Menu Refresh - Refresh the menu as sometimes user permissions change and a refresh is required.



Search Menu - Search for a display.



Layouts - Loads a customized user layout.



Help - Open the OATI webRegistry webHelp online documentation.



Alarms - Show active alarms.



Favorites - Store the user's favorited displays.

Connection Indicators - Show user's connection status.

	Signals a good connection
	Signals an intermittent connection.
	Signals that the connection has been lost



News Inbox - Open the latest news within the webRegistry system.



Email OATI Support - Open an email to OATI support.



Log out - Log out of the webRegistry system.

### Summary Page Options:



Search - Use the search to search for a specific text within the summary table.



New - Use the new to open the entry display to create a new record for the current summary display.



Filtering Options - Use the filtering options to search for specific data to be displayed in the summary table.



Column Configuration - Use the column configuration to display or hide certain columns on summary pages and arrange the order of the columns.



Display View - Save specific filtering options and column configurations as a “View” that can be accessed at any time. Views may be named, renamed, or deleted as appropriate.



Options - Set individual settings for each display.



Export to Excel - Click on this icon to export the summary results to a .csv file type or an .xls file type, which can be used in Microsoft Excel® or another spreadsheet program. The .xls file type will retain formatting.



Refreshes the current display, keeping summary pages on the current page.

### 3. Entity Registration

Companies will need to register their Entity in webRegistry. A registering party will need to select an entity code. An entity code is a three or four alphanumeric characters unique identifier to identify a company in the registry. It will be beneficial to have certain information readily available when registering; the company's DUNS number and 24-hour contact information including phone number and email address. In addition, registering parties will need to know the role (e.g., PSE, BA, and TSP) they want to register for. Users will then need to select a separate three to six alphanumeric character identifier for the particular role to form a code role pair. Entities may register multiple code roles in the registry. Quick Start guides are available for role-specific registration. Please refer to the corresponding Quick Start Guide for a step-by-step walkthrough of the registration process.

#### 3.1 Application for Registration

The first step in the registration process is filling out the application to register. When someone first visits the webRegistry system, they will view two links: "Registered user? Click here to login" and "Not a registered user? Click here to apply."



## Electric Industry Registry

[Registered user? Click here to login.](#)

[Not a registered user? Click here to apply.](#)

**Note:** If you already have a digital certificate you will not need to obtain an additional digital certificate in order to access the NAESB EIR system.



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Registered Users can click on the first link and log into the system. Non-registered users can click on the second link and fill out the Application for Registration. The Application for Registration includes limited information about the Entity and Applicant User.



## Electric Industry Registry

**Application for Registration**

<b>Entity Details</b>	<b>Applicant Details</b>	<b>Manager Details</b>
Long Name* <input type="text"/>	First Name* <input type="text"/>	First Name* <input type="text"/>
Entity Code* <input type="text"/>	Middle Initial <input type="text"/>	Middle Initial <input type="text"/>
Address 1* <input type="text"/>	Last Name* <input type="text"/>	Last Name* <input type="text"/>
Address 2 <input type="text"/>	Title <input type="text"/>	Title <input type="text"/>
City* <input type="text"/>	Email* <input type="text"/>	Email* <input type="text"/>
State/Province* <input type="text" value="Please select a state or province..."/>	Phone* <input type="text"/>	Phone* <input type="text"/>
Zip Code* <input type="text"/>	User Name* <input type="text"/>	
Country* <input type="text" value="Please select a country..."/>		

Applicant's Purpose \* = required field

Please enter your reason for applying and any additional notes.

Terms and Conditions

Please read this document before you continue in NAESB EIR powered by webRegistry. Indicate acceptance by checking the "I accept the terms and conditions stated above" checkbox. By using the NAESB EIR services or accessing or using any of the Content available within NAESB EIR, you, and the organization that you, the user, and any company or business you are representing (collectively, "You" or "Your") agree to be bound by the

I accept the terms and conditions stated above.

In order to complete the registration process in the NAESB EIR, you will need to obtain a digital certificate from one of the following NAESB Authorized Certificate Authorities:

- |  |   |
|--|---|
| <b>GMO GlobalSign Inc.</b>                 | - <a href="http://www.globalsign.com/digital-certificates-for-naesb/">http://www.globalsign.com/digital-certificates-for-naesb/</a> |
| <b>OATI webCARES Certificate Authority</b> | - <a href="http://www.oaticerts.com/repository/">http://www.oaticerts.com/repository/</a>   |
| <b>SSL.com</b>                             | - <a href="https://www.ssl.com/certificates/personal-naesb-basic/buy">https://www.ssl.com/certificates/personal-naesb-basic/buy</a> |

**Note:** If you already have a digital certificate you will not need to obtain an additional digital certificate in order to access the NAESB EIR.

If you have technical questions on the NAESB EIR application service, please contact the system administrator OATI at support@oati.net or 763-201-2020.

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A digital certificate from a NAESB approved Certificate Authority (CA) is required to access the Application for Registration. If the user does not have a Digital Certificate, the user can reserve an entity code for 30 days allowing the user to then obtain a certificate from an approved CA.



## Electric Industry Registry

Entity Code Reservation	
Entity Code	<input type="text"/>
Entity Name	<input type="text"/>
Email Address	<input type="text"/>
<input type="button" value="Submit Reservation"/>	

In order to complete the registration process in the NAESB EIR, you will need to obtain a digital certificate from one of the following NAESB Authorized Certificate Authorities:

- |  |   |
|--|---|
| <b>GMO GlobalSign Inc.</b>                 | - <a href="http://www.globalsign.com/digital-certificates-for-naesb/">http://www.globalsign.com/digital-certificates-for-naesb/</a> |
| <b>OATI webCARES Certificate Authority</b> | - <a href="http://www.oaticerts.com/repository/">http://www.oaticerts.com/repository/</a>   |
| <b>SSL.com</b>                             | - <a href="https://www.ssl.com/certificates/personal-naesb-basic/buy">https://www.ssl.com/certificates/personal-naesb-basic/buy</a> |

**Note:** If you already have a digital certificate you will not need to obtain an additional digital certificate in order to access the NAESB EIR.

If you have technical questions on the NAESB EIR application service, please contact the system administrator OATI at support@oati.net or 763-201-2020.

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A digital certificate can be linked to one user account. If the certificate the user presented is already linked to a user account, a message will be displayed that the certificate has already been used in the system.



## Electric Industry Registry

Another user is currently registered with the certificate you presented. Please use another valid certificate from one of the following NAESB Authorized Certificate Authorities:

- |  |   |
|--|---|
| <b>GMO GlobalSign Inc.</b>                 | - <a href="http://www.globalsign.com/digital-certificates-for-naesb/">http://www.globalsign.com/digital-certificates-for-naesb/</a> |
| <b>OATI webCARES Certificate Authority</b> | - <a href="http://www.oaticerts.com/repository/">http://www.oaticerts.com/repository/</a>   |
| <b>SSL.com</b>                             | - <a href="https://www.ssl.com/certificates/personal-naesb-basic/buy">https://www.ssl.com/certificates/personal-naesb-basic/buy</a> |

**Note:** If you already have a digital certificate you will not need to obtain an additional digital certificate in order to access the NAESB EIR.

If you have technical questions on the NAESB EIR application service, please contact the system administrator OATI at support@oati.net or 763-201-2020.

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### 3.2 Initial Registration

Once the Application for Registration is approved, the user will receive two emails containing their user credentials. The username will be the same as the username entered on the

Application for Registration. The user will be an “Applicant User” and will have limited access to webRegistry.

The Applicant User can log into the system with their login credentials and start filling out the Initial Registration. Initial Registration includes filling out the Entity Registration page and the Entity Code-Role page. Section 4 covers Entities and Entity Code-Roles in more detail.

The screenshot shows the 'Entity Registration' form. At the top, there are fields for 'NERC ID', 'Entity Code' (filled with 'CARP'), 'Entity Name' (filled with 'CARP'), 'Entity URL', 'Entity Predecessor' (a dropdown menu), 'Effective Date' (09/20/2021), and 'Entity Code (Role)'. Below these are tabs for 'Identifiers', 'Locations', 'Affiliates', 'Contacts', and 'Everything'. The 'Identifiers' section has a table with columns 'Type' and 'Identifier'. The 'Locations' section has a table with columns 'Type', 'Address', 'City', 'State', 'Country', and 'Postal'. The 'Affiliates' section has a table with columns 'Type', 'User', 'Name', 'Phone', 'Fax', and 'E-mail'. The 'Contacts' section has a table with columns 'Type', 'User', 'Name', 'Phone', 'Fax', and 'E-mail'. At the bottom of the form are buttons for 'Add Entity Code-Role', 'Submit', and 'Close'.

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The Entity Registration page will bring over some of the information entered in the Application for Registration. The Applicant User is to fill out the Entity Registration page and create one Entity Code-Role. Click on the “Add Entity Code-Role” button to create the Code-Role. Initial Registration is completed only when both the Entity Registration and Entity Code-Role Registration have been submitted for review. (Please Note: Both forms must be entered/submitted individually).

The Entity Code-Role Entry page is where the user enters their first Code-Role. Additional Code-Roles may be entered after the initial registration has been approved.

## 4. Dashboard

The EIR Dashboard makes common user functions available in one location on a single display so as to improve the usability of the system, and hence the user experience. The dashboard display is divided into several modules, which are explained in the next few sections. Below is an overview of the dashboard functionality:

- Users can monitor the scheduled and unscheduled publications as well as their subscription renewal due dates.
- Users can approve Pending Approvals requests without having to open the approval display.
- Users can monitor Recent Approvals for objects/ECR for the current day.
- Users can monitor the number of objects that belong to their Entity.

The screenshot displays the EIR Dashboard interface. It is divided into several sections:

- Publication and Payment Calendar:** A calendar for August 2021. The calendar shows days from 1 to 31. A legend at the bottom indicates:
  - Payment Due (Green icon)
  - Scheduled Publication (Blue icon)
  - Unscheduled Publication (Red icon)
  - Holiday (Purple icon)
- Pending Approvals:** A table listing pending approval requests.
 

Submittal Timestamp	Submittal Entity	Object	Name	Event Type	Effective Start Date	Effective Stop Date	Approval Entity	Approval Remaining Day
08/19/2021 10:42:48	SPI	BA	C2	New	08/19/2021	01/01/3000		5
08/19/2021 10:42:48	SPI	BA	C2	New	08/19/2021	01/01/3000		5
- Recent Approvals:** A table listing recently approved requests.
 

Approval Timestamp	Approval Entity	Object	Name	Event Type	Effective Start Date	Effective Stop Date
08/19/2021 10:44:41	SPI	Control Zone	C3	New	08/19/2021	01/01/3000
08/19/2021 10:44:28	SPI	BA	C3	New	08/19/2021	01/01/3000
- Registration Snapshot:** A summary of registration statistics.
 

0 BA-BA Adjacencies	0 POD-POR Adjacencies	0 POR/POD Points	1 Source/Sink Points
0 Transmission Paths	0 POD-Sink Adjacencies	1 Source-POR Adjacencies	0 Pseudo-Ties

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## 4.1 Calendar Module

Publication and Payment Calendar						
◀ August 2021 ▶						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
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	\$ 1	2	3	4

\$ Payment Due   
  Scheduled Publication   
  Unscheduled Publication   
  Holiday

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At a glance, the calendar module provides a quick snapshot of the registry publications, upcoming renewal payments and any holidays that will impact the registry publications. This is done via visual indicators in the calendar module. The calendar header has left and right arrows so the user can scroll through the months. The current date in the calendar is highlighted with a blue border around the date cell.

The organization of this information and their associated visual indicators is explained below.

- **Registry Publications** - The registry publications are indicated via blue and orange bars on the calendar dates. A blue bar on a calendar date indicates that a pending registry was published on that date, or if the date is in the future a blue bar indicates that a publication is scheduled to occur on that date. An orange bar on a calendar date indicates that an emergency publication was made on that date. When the user clicks on a blue or orange bar, they are taken to the delta publications page, which shows the user the differences between that publication and the previous one.
- **Payment** - The visual payment indicators let the user know whether a payment is due, upcoming, or already made. This is achieved via payment indicators of different colors:

- Red  - Will have the tooltip text “Payment Due and payment window open”. Users will know that they can click this icon to make a payment. Clicking on this icon will open the payment display for the user (Entity Admins only).
- Gold  - Will have the text “Payment due and payment window not open”. Users will know when their upcoming payment is due but cannot make a payment yet.
- Green  - Will have the text “Payment made”. Users will know that a payment has already been made.

Holidays - Holidays are indicated by a shaded cell in a light purple color. This indicates to the user that a new registry will not become active that day.

## 4.2 Pending Approvals Module

Pending Approvals									
<input type="checkbox"/>	Submittal Timestamp	Submittal Entity	Object	Name	Event Type	Effective Start Date	Effective Stop Date	Approval Entity	Approval Remaining Day
<input type="checkbox"/>	08/19/2021 10:42:48	SPI	BA	C2	New	08/19/2021	01/01/3000		5
<input type="checkbox"/>	08/19/2021 10:42:48	SPI	BA	C2	New	08/19/2021	01/01/3000		5

Approve Deny

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This module shows a summary of the pending approvals that are relevant to the user and their company. Users can filter this module to customize the data they would like to appear in this module. The following filters are available on this module:

- Submittal Timestamp.
- Submittal Entity.
- Object.
- Name.
- Event Type.
- Approval Type.
- Effective Start Date.
- Effective Stop Date.
- Approval Entity.
- Approval Remaining Days.

Records that the user has approval rights on (records requiring approvals from the user’s company) have a check box so that they can be selected for an approve/deny action. Records that user does not have approval rights on do not have a check box.

Users can click on the link on each row to view the details of what is being changed. Users can approve/deny one record at a time, or select multiple records simultaneously and approve/deny them all with a single button click.

### 4.3 Recent Approvals Module

Recent Approvals						
Approval Timestamp	Approval Entity	Object	Name	Event Type	Effective Start Date	Effective Stop Date
08/19/2021 10:44:41	SPI	Control Zone	<a href="#">C3</a>	New	08/19/2021	01/01/3000
08/19/2021 10:44:28	SPI	BA	<a href="#">C3</a>	New	08/19/2021	01/01/3000

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This module shows a summary of what has been recently approved/denied on the current day. Users can filter this module to customize the data they would like to appear in this module. The following filters are available on this module:

- Approval Entity.
- Object.
- Name.

### 4.4 Registration Snapshot Module

Registration Snapshot			
0 BA-BA Adjacencies	0 POD-POR Adjacencies	0 POR/POD Points	1 Source/Sink Points
0 Transmission Paths	0 POD-Sink Adjacencies	1 Source-POR Adjacencies	0 Pseudo-Ties

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This module provides a count overview of the objects owned by the user’s entity. For example, if the user’s entity owns 20 Source/Sink points, the display tile will show a tile saying ‘20 Source/Sink Points’. The purpose of this module is to provide a quick snapshot of the objects registered for the company.

Users can click on the tiles of the objects to bring up the summary display of those objects.

## 5. Entities Menu

The main administrative object within webRegistry is an entity. Entities may have multiple functions (or roles) in the registry. All operations allowed in webRegistry are performed by users operating as representatives of an entity that has been recognized and recorded in the system as a legitimate industry participant.

A user that has access to webRegistry must be assigned to one, and only one, entity. The scope of user functions in webRegistry (i.e., a set of user interface displays available to users, as well as actions that users are allowed to perform on those displays) is determined by the assigned user role.

### 5.1 Entities

Entities will be created when an application for registration is accepted. The details of an entity will be filled out during the Initial Registration process of an entity.

To locate Entities, navigate to Entities > Entities. To create a new entity, click on the “New Entity” button.

Entity	Viewing Mode	Current Version	Effective Date	Today (09/17/2021)	Approval Status	Approved	T		A		I		D		E		C	
Entity	Name	Type	Entity Processor	URL	NERC ID	Record ID	Associated Entity Code	Modifiers	Locations	Attributes	Contacts	Start	Stop	Approval	Delegated	User	Entity	
ALCO	Alcoa Metals Company	TCPSE	NA	www.alcoa.com	447	950	DUNS-00699517	Headquarter-1601 Chalk			Primary - Greg S. Hines	04/05/2012	01/01/2020	Approved	No	NA	NA	
ARJL	Arjuna Renewable, LLC	TCPSE	NA	www.arjunarenewable.com	278	9579	DUNS-04717622	Headquarter-1125 100 Co.			Primary - Christopher C.J.	08/21/2018	01/01/2020	Approved	No	NA	NA	
ARJL	Arjuna Renewable, LLC	CPSE	NA	www.arjunarenewable.com	10778	100801	DUNS-04717622	Headquarter-1125 100 Co.			Primary - Matt Herman, L.	02/05/2019	01/01/2020	Approved	No	NA	NA	
ARJL	ARJuna Energy Company	TCPSE	NA	www.arjunarenewable.com	80	10014	DUNS-02527676	Headquarter-221 Harbor			Primary - Fernando Soto	06/20/2011	01/01/2020	Approved	No	NA	NA	
BECS	Beacon Electric Power Cooperative	CPSE	NA		423	4348	DUNS-03268207	Headquarter-1177 East			Primary - Brian Emani	05/03/2012	01/01/2020	Approved	No	NA	NA	
BECS	Beacon Electric Power Cooperative LLC	TCPSE	NA	www.beaconelectric.com	3027	9028	DUNS-01660586	Headquarter-402 6th St.			Primary - Richard Borker	04/15/2012	01/01/2020	Approved	No	NA	NA	
BECS	Beacon Electric Cooperative, Inc.	TCPSE	NA	www.beaconelectric.com	10033	100380	DUNS-04311950	Headquarter-PO Box 111			Primary - Richard Emani	06/24/2019	01/01/2020	Approved	No	NA	NA	
BECS	Beacon Power LLC	TCPSE	NA	www.beacon.com	100404	100417	DUNS-07068922	Headquarter-1000 8th			Primary - Ragny Paddy, L.	09/20/2019	01/01/2020	Approved	No	NA	NA	
BECS	Beacon Power LLC	TCPSE	NA	www.beacon.com	9140	9861	DUNS-01447128	Headquarter-16 Anding			Administration - Jarama	03/02/2012	01/01/2020	Approved	No	NA	NA	
BECS	Beacon Power LLC	TCPSE	NA	www.beacon.com	100133	100148	DUNS-07324275	Headquarter-16 Anding	Black Bear Hydro Partners		Primary - Jonathan Chubb	04/20/2019	01/01/2020	Approved	No	NA	NA	
BECS	Beacon Power Administration Transmission	CPSE	NA	www.beacon.com	27	10161	DUNS-09011098	Headquarter-PO Box 481			Primary - Monroe Baugh	10/16/2018	01/01/2020	Approved	No	NA	NA	
BECS	Beaconfield Energy Marketing LP	TCPSE	NA	www.beaconfieldenergy.com	8211	9386	DUNS-24421088	Headquarter-402 6th St.			Primary - Josh Buhm, L.	02/21/2019	01/01/2020	Approved	No	NA	NA	
BECS	Beaconfield Renewable Energy Marketing LP	TCPSE	NA	www.beaconfieldenergy.com	3066	9580	DUNS-25367566	Headquarter-402 6th St.			Primary - Josh Buhm, L.	04/15/2012	01/01/2020	Approved	No	NA	NA	
BECS	BEACONFIELD ENERGY LTD	TCPSE	NA	www.beaconfieldenergy.com	100977	100990	DUNS-08114383	Headquarter-131 S Dear			Primary - Cindy L. Deak	01/18/2019	01/01/2020	Approved	No	NA	NA	
BECS	BE Energy Marketing LP	TCPSE	NA	www.beenergy.com	2033	8869	DUNS-29160783	Headquarter-1320 - 401			Primary - David Carrano	08/02/2012	01/01/2020	Approved	No	NA	NA	
BECS	Beaconfield Energy Marketing LP	TCPSE	NA	www.beaconfieldenergy.com	9009	10431	DUNS-24479254	Headquarter-407 16th St.			Primary - David Carrano	08/02/2012	01/01/2020	Approved	No	NA	NA	
BECS	Beaconfield Energy Marketing LP	TCPSE	NA	www.beaconfieldenergy.com	5033	8327	DUNS-24419970	Headquarter-198 Bay St.			Primary - Jason A. Brand	11/23/2018	01/01/2020	Approved	No	NA	NA	
BECS	Beaconfield Energy Marketing LP	TCPSE	NA	www.beaconfieldenergy.com	101198	101212	DUNS-10161122	Headquarter-132 12th St.			Primary - Greg S. Hines	04/05/2012	01/01/2020	Approved	No	NA	NA	
BECS	Beaconfield Energy Marketing LP	TCPSE	NA	www.beaconfieldenergy.com	101200	101216	DUNS-1234	Headquarter-123 St. M.			Primary - Chris Lee, MS	08/14/2021	01/01/2020	Approved	No	NA	NA	
BECS	Beaconfield Energy Marketing LP	TCPSE	NA	www.beaconfieldenergy.com	100384	100387	DUNS-20273217	Headquarter-3600 Stearns			Primary - Rob Calkbush	04/16/2017	01/01/2020	Approved	No	NA	NA	
BECS	Beaconfield Energy Marketing LP	TCPSE	NA	www.beaconfieldenergy.com	402	8705	DUNS-19422280	Headquarter-201 E. Cam.	The Energy Authority (TEA)		Primary - Power Dispatch	04/24/2012	01/01/2020	Approved	No	NA	NA	
BECS	Beaconfield Energy Marketing LP	TCPSE	NA	www.beaconfieldenergy.com	100900	100913	DUNS-20043983	Headquarter-100 9th St.			Primary - Brad G. Bisset	08/27/2018	01/01/2020	Approved	No	NA	NA	
BECS	Beaconfield Energy Marketing LP	TCPSE	NA	www.beaconfieldenergy.com	100462	100476	DUNS-20043983	Headquarter-100 9th St.			Primary - Brad G. Bisset	02/05/2019	01/01/2020	Approved	No	NA	NA	
BECS	Beaconfield Energy Marketing LP	TCPSE	NA	www.beaconfieldenergy.com	899	9814	DUNS-07350431	Headquarter-17120 State			Primary - Paul Cunningham	04/10/2010	01/01/2020	Approved	No	NA	NA	
BECS	Beaconfield Energy Marketing LP	CPSE	NA		31	2386	DUNS-06083022	Headquarter-4555 Santa			Primary - Efran Sandoz	05/03/2012	01/01/2020	Approved	No	NA	NA	
BECS	Beaconfield Energy Marketing LP	CPSE	NA		50	8987	DUNS-09684978	Headquarter-2183 St. L.			Primary - Angela Cullen	04/12/2012	01/01/2020	Approved	No	NA	NA	
BECS	Beaconfield Energy Marketing LP	CPSE	NA		3102	4209	DUNS-02350484	Headquarter-1000 EDC P.			Primary - David P. Reed	01/01/2014	01/01/2020	Approved	No	NA	NA	
BECS	Beaconfield Energy Marketing LP	CPSE	NA		810	8752	DUNS-01244210	Headquarter-Calg. Inst.			Primary - Eduardo Duran	04/19/2012	01/01/2020	Approved	No	NA	NA	
BECS	Beaconfield Energy Marketing LP	TCPSE	NA	www.beaconfieldenergy.com	3047	6223	DUNS-081480883	Headquarter-1600 Tyson			Primary - Justin R. Cooper	04/06/2020	01/01/2020	Approved	No	NA	NA	
BECS	Beaconfield Energy Marketing LP	TCPSE	NA	www.beaconfieldenergy.com	2048	5271	DUNS-188130781	Headquarter-1600 Tyson			Primary - Andrew J. Blevins	04/06/2020	01/01/2020	Approved	No	NA	NA	

To get to the Entity Entry page, click on the Entity Code link in the Code column. Modifications to entities can be made from this page.

### 5.2 Entity Code-Role

Entities may have various functional roles in the electric utility industry. The following roles are supported in webRegistry:

### Operations Roles

- Reliability Coordinator (RC)
- Balancing Authority (BA)
- Market Operator (MO)
- Transmission Service Provider (TSP)

### Merchant Roles

- Purchasing Selling Entity (PSE)
- Load Serving Entity - implies PSE (LSE)
- Generation Serving Entity - implies PSE (GSE)

### Additional Roles

- Registry Administrator (Reg Admin)
- NAESB
- Application Service Provider (ASP)
- Electric Reliability Organization (ERO)
- Regional Reliability Organization (RRO)
- PKI Certification Authority (PKICA)
- Observer (OBS)

Neither Entity Code-Role nor Entity Code is unique in webRegistry. It is possible for the same entity to register several identical roles, such as several PSE desks. It is also possible for an entity to register several different roles that have the same code, such as a BA role and PSE role that may share the same code. However, the combination of an Entity Role and Entity Code will be unique in webRegistry. An Entity cannot have two (2) BA roles with the same code.

A named Entity Role (i.e., the Entity Role/Code pair) represents a unique instance of a business unit in the electric utility industry with clearly defined operational responsibilities, object ownership, and approval rights.

Users in webRegistry are assigned to entities and can view data and perform data entry/modification functions for all roles/codes assigned to their entities.

To locate an Entity Code-Role, navigate to Entities > Entity Code-Role. To create a new entity Code-Role, click on the “New Entity Code-Role” button.

Entity Code-Role Viewing Mode: **Current Version** Effective Date: **Today (09/17/2021)** Approval Status: **Approved**

Entity	Code	Role	Long Name	NERC ID	Tagging ID	Balancing Area	Reliability Area	Region	Market Area	Entity Type	Interconnection
Avangrid Renewables, LLC	AVRN	BA	Avangrid Renewables, LLC	100788	1000938	AVRN	N/A	WSCC	N/A		WESTERN INTERCONNECTION
BioUrja Power LLC	BIOP01	PSE	BioUrja Power, LLC	100404	1000486		N/A	ERCOT	N/A	PSE	N/A
Bonneville Power Administration Transmission	BPAT	PSE	Bonneville Power Administration Transmission	27	104		N/A	WSCC	N/A	PSE	N/A
Bonneville Power Administration Transmission	BPAT	TSP	Bonneville Power Administration Transmission	27	103		N/A	WSCC	N/A		N/A
Bonneville Power Administration Transmission	BPAT	BA	Bonneville Power Administration Transmission	27	104	BPAT	N/A	WSCC	N/A		WESTERN INTERCONNECTION
Chee Test Entity 2	CTE2	BA	Chee Test Entity 2	101203	1001460	CTE2	N/A	ERCOT	N/A		ERCOT
Enel Green Power North America	EGP1	PSE	Enel Green Power North America	5355	1000124		N/A	WSCC	N/A	PSE	N/A
Florida Reliability Coordinating Council Inc.	FRCC	RRO	OATI webRegistry Administrator	100021	100095		N/A	FRCC	N/A		N/A
Frederickson Power LP	FPWR24	PSE	Frederickson Power LP	2897	1191		N/A	N/A	N/A		N/A
Kootenai Electric Cooperative	KECPSE	PSE	Kootenai Electric Cooperative, Inc.	5764	2469		N/A	WSCC	N/A	PSE	N/A
Midwest Reliability Organization	MRO	RRO	Midwest Reliability Organization	100023	100096		N/A	MRO	N/A		N/A
North American Electric Reliability Council	NERC	ERO	ERO Admin	100017	100094		N/A	N/A	N/A		N/A
North American Energy Standards Board	NAESB	NAESB	NAESB Admin	100016	100093		N/A	N/A	N/A		N/A
Northeast Power Coordinating Council	NPCC	RRO	Northeast Power Coordinating Council	100020	100097		N/A	NPCC	N/A		N/A
OATI webRegistry Administrator	OATI	Support	OATI	583	100071		N/A	N/A	N/A		N/A
OATI webRegistry Administrator	TES1	ASP	OATI webRegistry Administrator	100000	1001453		N/A	N/A	N/A		N/A
OATI webRegistry Administrator	TFS1	PSE	OATI webRegistry Administrator	100000	1001449		N/A	ERCOT	N/A	GPE	N/A

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New Entity Code-Role Close

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Roles may be added as needed by the industry through NAESB and the ERO. OATI webRegistry will be able to support the registration of any entity role defined in the NERC Functional model, once the attributes of such role are defined.

### 5.3 Purchasing-Selling Entities

The Purchasing-Selling Entity (PSE) display shows users the PSEs within the system. Information provided about the PSE includes the name, NERC ID, and approval status.

To locate Purchasing-Selling Entities, navigate to Entities > Purchasing-Selling Entities. To create a new PSE, click on the “New PSE” button.

Purchasing-Selling Entities Viewing Mode: **Future Version** Effective Date: **Today Forward (09/17/2021 - 01/01/3000)**

Entity	Code	Long Name	NERC ID	Tagging ID	Type	Reliability Region	Contacts	Effective Date		Expiration Date	Approval Status	Delegated	Acting	
								Start	Stop				User	Entity
Uniper Global Commodities North America LLC	UGCC1	Uniper Global Commodities North America LLC	100179	1001221	PSE	N/A	24 Hour - John Goberville...	12/06/2019	01/01/3000	10/01/2021	Approved	No	N/A	N/A
Bonneville Power Administration Transmission	BPAT	Bonneville Power Administration Transmission	27	104	PSE	WSCC	24 Hour - Tagging Mailbo...	10/16/2018	01/01/3000	03/31/2022	Approved	No	N/A	N/A
TEST	REI1	TEST	101201	1001447	PSE	FRCC	24 Hour - Carl L. (764)4...	09/01/2021	01/01/3000	07/01/2022	Approved	No	N/A	N/A
Kootenai Electric Cooperative	KECPSE	Kootenai Electric Cooperative, Inc.	5764	2469	PSE	WSCC	24 Hour - Michael Thomas...	11/12/2019	01/01/3000	05/01/2022	Approved	No	N/A	N/A
Zero Point Energy	GPE	Zero Point Energy	100561	1000665	N/A	N/A	24 Hour - Kyle Fang, (15...	11/29/2016	01/01/3000	10/13/2021	Approved	No	N/A	N/A
OATI webRegistry Administrator	TES1	OATI webRegistry Administrator	100000	1001449	GPE	ERCOT	24 Hour - Carlan Luong, ...	08/24/2021	01/01/3000	01/31/2022	Approved	No	N/A	N/A
Sierra Pacific Industries	BRLN1N	Sierra Pacific Industries	3882	1700	N/A	N/A	24 Hour - First Operator...	09/06/2012	01/01/3000	08/31/2022	Approved	No	N/A	N/A
BioUrja Power LLC	BIOP01	BioUrja Power, LLC	100404	1000486	PSE	ERCOT	24 Hour - Raghu Reddy, (...	09/30/2016	01/01/3000	12/31/2021	Approved	No	N/A	N/A
Frederickson Power LP	FPWR24	Frederickson Power LP	2897	1191	N/A	N/A	24 Hour - Richard Recor...	08/29/2012	01/01/3000	08/31/2022	Approved	No	N/A	N/A
Enel Green Power North America	EGP1	Enel Green Power North America	5355	1000124	PSE	WSCC	24 Hour - Lisa Szot, (85...	10/17/2013	01/01/3000	10/31/2021	Approved	No	N/A	N/A
Uniper Global Commodities North America LLC	UGCC1	Uniper Global Commodities North America LLC	100179	1000206	PSE	N/A	24 Hour - John Goberville...	12/06/2019	01/01/3000	10/01/2021	Approved	No	N/A	N/A
TEST	REI1	OATI webRegistry Administrator	101202	1001448	GPE	FRCC	24 Hour - Carlan Luong, ...	09/17/2021	01/01/3000	07/01/2022	Approved	No	N/A	N/A
Indeck-Corinth LP	ICLP01	Indeck-Corinth LP		1000683	N/A	N/A	24 Hour - Mike Ferguson...	12/21/2016	01/01/3000	01/01/3000	Pending	No	N/A	N/A

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New PSE Close

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### 5.4 Regional Reliability Organizations

The Regional Reliability Organizations (RRO) display shows users the RROs within the system. Information provided about the RRO includes the name, NERC ID, and approval status.

To locate Regional Reliability Organizations, navigate to Entities > Regional Reliability Organizations. To create a new RRO, click on the “New RRO” button.

**Regional Reliability Organizations** Viewing Mode: **Current Version** Effective Date: **Today (09/17/2021)**

Entity	Code	Long Name	NERC ID	Tagging ID	Region	Contacts	Effective Date			Ap Sta
							Start	Stop	Expiration Date	
OATI webRegistry Administrator	<a href="#">TES1</a>	OATI webRegistry Administrator	100000	1001450	TES1	24 Hour - Carlan Luong, ...	08/24/2021	01/01/3000	01/31/2022	Ap
Southwest Power Pool Regional Entity	<a href="#">SPP</a>	Southwest Power Pool Regional Entity	100026	100100	SPP	24 Hour - SPP RE, (501)6...	03/19/2012	01/01/3000	01/31/3000	Ap
Midwest Reliability Organization	<a href="#">MRO</a>	Midwest Reliability Organization	100023	100096	MRO	24 Hour - MRO, (651)855-...	03/19/2012	01/01/3000	01/31/3000	Ap
Florida Reliability Coordinating Council Inc.	<a href="#">FRCC</a>	OATI webRegistry Administrator	100021	100095	FRCC	24 Hour - Linda D Campbe...	03/02/2020	01/01/3000	01/31/3000	Ap
ReliabilityFirst Corporation	<a href="#">RFC</a>	ReliabilityFirst Corporation	100022	100098	RFC	24 Hour - Scott Pelfrey,...	02/04/2020	01/01/3000	01/31/3000	Ap
SERC Reliability Corporation	<a href="#">SERC</a>	SERC Reliability Corporation	100024	100099	SERC	24 Hour - Support, (704)...	03/19/2012	01/01/3000	01/31/3000	Ap
Texas Reliability Entity Inc.	<a href="#">ERCOT</a>	Texas Reliability Entity Inc.	100019	100101	ERCOT	24 Hour - Victor Barry, ...	03/19/2012	01/01/3000	01/31/3000	Ap

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New RRO Close

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## 5.5 Reliability Coordinators

The Reliability Coordinators (RCs) display shows users the RCs within the system. Information provided about the RC includes the name, NERC ID, and approval status.

To locate RCs, navigate to Entities > Reliability Coordinators. To create a new RC, click on the “New RC” button.

**Reliability Coordinators** Viewing Mode: **Current Version** Effective Date: **Today (09/17/2021)**

Entity	Code	Long Name	NERC ID	Tagging ID	Reliability Area	Reliability Region	Contacts	S
OATI webRegistry Administrator	<a href="#">TES1</a>	OATI webRegistry Administrator	100000	1001452	TES1	MRO	24 Hour - Carlan Luong, ...	08/2

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New RC Close

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## 5.6 Transmission Service Providers

The Transmission Service Providers (TSPs) display shows users the TSPs within the system. Information provided about the TSP includes the name, NERC ID, and approval status.

To locate TSPs, navigate to Entities > Transmission Service Providers. To create a new TSP, click on the “New TSP” button.

**Transmission Service Providers** Viewing Mode: **Current Version** Effective Date: **Today (09/17/2021)**

Entity	Code	Long Name	NERC ID	Tagging ID	Regional Reliability	Contacts	Effecti Start
Bonneville Power Administration Transmission	<a href="#">BPAT</a>	Bonneville Power Administration Transmission	27	103	WSCC	24 Hour - Tagging Mailbo...	10/16/2018
City of Cascade Locks	<a href="#">CASC</a>	City of Cascade Locks		1000803	N/A	24 Hour - Gordon Zimmerm...	04/12/2017
OATI webRegistry Administrator	<a href="#">TES1</a>	OATI webRegistry Administrator	100000	1001451	N/A	24 Hour - Carlan Luong	08/24/2021

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New TSP Close

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## 5.7 Market Operators

The Market Operators (MOs) display shows users the MOs within the system. Information provided about the MO includes the name, NERC ID, and approval status.

To locate MOs, navigate to Entities > Market Operators. To create a new MO, click on the “New MO” button.

Market Operators Viewing Mode: **Current Version** Effective Date: **Today (09/17/2021)**

Entity	Code	Long Name	NERC ID	Tagging ID	Contacts	Effective Date		Expiration Date	Approval Status	Delegated	Acting	
						Start	Stop				User	Entity
OATI webRegistry Administrator	<a href="#">TES1</a>	OATI webRegistry Administrator	100000	1001454	24 Hour - Carlan Luong, ...	08/24/2021	01/01/3000	01/31/2022	Approved	No	N/A	N/A

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[New MO](#) [Close](#)

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## 5.8 Balancing Authorities

The Balancing Authorities (BAs) display shows users the BAs within the system. Information provided about the BA includes the name, NERC ID, and approval status.

To locate BAs, navigate to Entities > Balancing Authorities. To create a new BA, click on the “New BA” button.

Balancing Authorities Viewing Mode: **Current Version** Effective Date: **Today (09/17/2021)**

Entity	Code	Long Name	NERC ID	Tagging ID	Balancing Area	Reliability Area	Reliability Region	Market Area	...
Avangrid Renewables, LLC	<a href="#">AVRN</a>	Avangrid Renewables, LLC	100788	1000938	AVRN	N/A	WSCC	N/A	WESTER
Bonneville Power Administration Transmission	<a href="#">BPAT</a>	Bonneville Power Administration Transmission	27	104	BPAT	N/A	WSCC	N/A	WESTER
CarlTest2	<a href="#">CAR2</a>	CarlTest2	101206	1001463	CAR2	N/A	N/A	N/A	N/A
Chee Test Entity 2	<a href="#">CTE2</a>	Chee Test Entity 2	101203	1001460	CTE2	N/A	ERCOT	N/A	ERCOT
OATI webRegistry Administrator	<a href="#">TES1</a>	OATI webRegistry Administrator	100000	1001455	TES1	N/A	FRCC	TES1	N/A

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[New BA](#) [Close](#)

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## 6. Objects Menu

### 6.1 Control Zones

Control Zones (sometimes referred to as Local Balancing Authority Areas or LBAs) are subsets of balancing areas that are used by reliability tools, such as the Interchange Distribution Calculator (IDC).

A Control Zone can only be registered by a BA within the territory of its operation. By default, each BA must register a Control Zone whose name is identical to the name of the parent BA. webRegistry will automatically create a matching Control Zone for each new balancing authority.

An Entity Administrator user for a BA entity code can register additional Control Zones as subsets of the balancing area, including associations with the parent balancing area.

An association of a Control Zone with source/sink points is established when a source/sink service point is defined in webRegistry.

To locate Control Zones, navigate to Objects > Control Zones. To create a new Control Zone, click on the “New Control Zone” button.

Control Zones Viewing Mode: Current Version Effective Date: Today (09/17/2021)

ID	Control Zones	Balancing Area	Effective Date		Approval Status	Delegated	Acting	
			Start	Stop			User	Entity
259	<a href="#">A1</a>	N/A	09/01/2021	01/01/3000	Approved	No	N/A	N/A
158	<a href="#">AEC</a>	N/A	04/12/2012	01/01/3000	Approved	No	N/A	N/A
91	<a href="#">AECI</a>	N/A	06/05/2020	01/01/3000	Approved	No	N/A	N/A
47	<a href="#">AESO</a>	N/A	11/01/2019	01/01/3000	Approved	No	N/A	N/A
162	<a href="#">ALTE</a>	N/A	03/09/2018	01/01/3000	Approved	No	N/A	N/A
58	<a href="#">ALTE</a>	N/A	09/18/2018	01/01/3000	Approved	No	N/A	N/A

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New Control Zones Close

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### 6.2 Flowgates

The Book of Flowgates (BOF) is an independent North American Electric Reliability Corporation (NERC) system that allows users to define the composition of flowgates in the Eastern Interconnection for use in the IDC. BOF currently provides all capabilities required to create, validate, and maintain critical transmission interfaces that are monitored by Reliability Coordinators in IDC. This functionality will not be duplicated in webRegistry. Flowgate management will continue to reside in the mission-critical BOF system.

OATI webRegistry will import the BOF data for presentation only. Each time a new BOF definition is exported to the IDC, a similar export will be provided to webRegistry.

The presentation of flowgate elements and filtering on the flowgate summary will be similar to what is currently provided in the BOF.

To locate Flowgates, navigate to Objects > Flowgates.

Number	Description	Type	Rationale	Start Time	End Time	Definition	SC	CA	TP
0	Swing Bus Flowgate	PTDF	Data Check, Thermal	2021-08-30 16:20:00.000	3000-01-01 06:00:00.000	Informational	TVA	TVA	TVA
3	PJM Eastern Interface	PTDF	Voltage	2021-08-30 16:20:00.000	3000-01-01 06:00:00.000	Reliability	PJM	PJMC	PJM
4	PJM Central Interface	PTDF	Voltage	2021-08-30 16:20:00.000	3000-01-01 06:00:00.000	Reliability	PJM	PJMC	PJM
5	PJM Western Interface	PTDF	Voltage	2021-08-30 16:20:00.000	3000-01-01 06:00:00.000	Reliability	PJM	PJMC	PJM
6	Hopatcong-Ramapo (5018) 500 kV line	PTDF	Thermal	2021-08-30 16:20:00.000	3000-01-01 06:00:00.000	Reliability	NYIS, PJM	NYIS, PJMC	NYIS, PJM
7	Hudson-Farragut (B-3402) 345 kV line	PTDF	Thermal	2021-08-30 16:20:00.000	3000-01-01 06:00:00.000	Reliability	NYIS, PJM	NYIS, PJMC	NYIS, PJM
8	Marion-Farragut (C-3403) 345 kV line	PTDF	Thermal	2021-08-30 16:20:00.000	3000-01-01 06:00:00.000	Reliability	NYIS, PJM	NYIS, PJMC	NYIS, PJM
9	Waldwick-South Mahwah (J-3410) 345 kV	PTDF	Thermal	2021-08-30 16:20:00.000	3000-01-01 06:00:00.000	Reliability	NYIS, PJM	NYIS, PJMC	NYIS, PJM
10	Waldwick-South Mahwah (K-3411) 345 kV	PTDF	Thermal	2021-08-30 16:20:00.000	3000-01-01 06:00:00.000	Reliability	NYIS, PJM	NYIS, PJMC	NYIS, PJM
11	Linden-Goethals (A-2253) 230 kV line	PTDF	Thermal	2021-08-30 16:20:00.000	3000-01-01 06:00:00.000	Reliability	NYIS, PJM	NYIS, PJMC	NYIS, PJM
12	Warren-Falconer 115 kV line	PTDF	Thermal	2021-08-30 16:20:00.000	3000-01-01 06:00:00.000	Reliability	NYIS, PJM	NYIS, PJMC	NYIS, PJM
13	Erie East-South Ripley 230 kV line	PTDF	Thermal	2021-08-30 16:20:00.000	3000-01-01 06:00:00.000	Reliability	NYIS, PJM	NYIS, PJMC	NYIS, PJM
14	East Towanda-Hillside 230 kV line	PTDF	Thermal	2021-08-30 16:20:00.000	3000-01-01 06:00:00.000	Reliability	NYIS, PJM	NYIS, PJMC	NYIS, PJM
16	Laurel Lake-Goudoy 115 kV line	PTDF	Thermal	2021-08-30 16:20:00.000	3000-01-01 06:00:00.000	Reliability	NYIS, PJM	NYIS, PJMC	NYIS, PJM
17	Pierce Brook-Five Mile 345 kV	PTDF	Thermal	2021-08-30 16:20:00.000	3000-01-01 06:00:00.000	Reliability	NYIS, PJM	NYIS, PJMC	NYIS, PJM
18	Mainesburg-Watercure Road 345 kV line	PTDF	Thermal	2021-08-30 16:20:00.000	3000-01-01 06:00:00.000	Reliability	NYIS, PJM	NYIS, PJMC	NYIS, PJM
23	William-Cedarsub F 230 kV I/O Roseland-Cedar Grove Y 230 kV	OTDF,LODF	Thermal	2021-08-30 16:20:00.000	3000-01-01 06:00:00.000	Reliability	PJM	PJMC	PJM
24	Branchburg-Readington 230 kV line I/O Roseland-Whippany 230	OTDF,LODF	Thermal	2021-08-30 16:20:00.000	3000-01-01 06:00:00.000	Reliability	PJM	PJMC	PJM
28	Readington-Roseland 230kV I/O Branchburg-Hopatcong 500kV	OTDF,LODF	Thermal	2021-08-30 16:20:00.000	3000-01-01 06:00:00.000	Reliability	PJM	PJMC	PJM
29	Readington - Roseland U-2221 230kV	PTDF	Thermal	2021-08-30 16:20:00.000	3000-01-01 06:00:00.000	Reliability	PJM	PJMC	PJM
30	New Milford - Bergenfield O-2293 loss of Athenia - Belleville Z-	OTDF,LODF	Thermal	2021-08-30 16:20:00.000	3000-01-01 06:00:00.000	Reliability	PJM	PJMC	PJM
31	L230kV Lake Nelson-Middlesex I1023 I/O Red Oak Units A and B	OTDF	Thermal	2021-08-30 16:20:00.000	3000-01-01 06:00:00.000	Reliability	PJM	PJMC	PJM

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### 6.3 Interconnections

Three (3) synchronous interconnections will be modeled in webRegistry as base registry data and will be maintained by Registry Administrators. NAESB and ERO approvals will be required for interconnections.

To locate Interconnections, navigate to Objects > Interconnections.

Interconnection	Effective Date		Approval Status	Delegated	Acting	
	Start	Stop			User	Entity
<a href="#">EASTERN INTERCONNECTION</a>	03/20/2012	01/01/3000	Approved	No	N/A	N/A
<a href="#">ERCOT</a>	03/20/2012	01/01/3000	Approved	No	N/A	N/A
<a href="#">QUEBEC INTERCONNECTION</a>	03/20/2012	01/01/3000	Approved	No	N/A	N/A
<a href="#">WESTERN INTERCONNECTION</a>	03/20/2012	01/01/3000	Approved	No	N/A	N/A

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### 6.4 POR/POD Points

An Entity Administrator user for a TSP entity code will be able to register POR/POD service points, including association with the parent TSP.

For each service point, users can specify the point name and role (POR, POD, or both). No approval is required for the service point registration.

To locate POR/POD points, navigate to Objects > POR/POD Points. To create a new POR/POD point, click on the “New POR/POD Point” button. Alternatively, to upload POR/POD points, click on the “POR/POD Points Upload” button.

POR/POD Points    Type: POD    Viewing Mode: Current Version    Effective Date: Today (09/17/2021)

ID	Name	Type	TSP	DC Tie Operator (BA)	NERC ID	TSP Tagging ID	Point ID	Effective Date		Approval Status	Delegated	Acting	
								Start	Stop			User	Entity
532	<a href="#">ALCOATroutdl</a>	POD	BPAT		27	103	2195	10/16/2018	01/01/3000	Approved	No	N/A	N/A
533	<a href="#">ALCOAWenatch</a>	POD	BPAT		27	103	237	10/16/2018	01/01/3000	Approved	No	N/A	N/A
539	<a href="#">AVAREMOTELD</a>	POD	BPAT		27	103	4793	10/16/2018	01/01/3000	Approved	No	N/A	N/A
530	<a href="#">Albany12Pac</a>	POD	BPAT		27	103	5150	10/16/2018	01/01/3000	Approved	No	N/A	N/A
536	<a href="#">ArlingtnWinLD</a>	POD	BPAT		27	103	4897	10/16/2018	01/01/3000	Approved	No	N/A	N/A

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## 6.5 Source/Sink Points

Source/sink and source/sink points can be registered in webRegistry by Entity Administrators of either BA or PSE entities.

Entity Administrators for PSE entities codes can register source/sink or source/sink points in webRegistry, including the associations with hosting Control Zones. The approval policy requires the corresponding BA to approve such registration.

Entity Administrators for the BA can register source/sink points in their Control Zones. When registering a source/sink point, the BA can select one or more PSE entity codes that will be allowed to use this service point as either the source or sink. No PSE approval of such registration will be required in the initial configuration of the approval policy.

After a source/sink point has been approved and registered in the system, both the PSE and the BA will be considered its dual owners. Both parties can perform modification and deactivation actions on the source/sink object. When such actions are taken by the PSE, a BA approval will be required.

Note: BA modifications or deactivations of source/sink objects require no additional approvals.

To locate Source/Sink Points, navigate to Objects > Source/Sink Points. To create a new source/sink point, click on the “New Source/Sink Point” button. Alternatively, to upload source/sink points, click on the “Source/Sink Points Upload” button.

Source/Sink Points    Type: Source/Sink    Viewing Mode: Current Version    Effective Date: Today (09/18/2021)

ID	Name	Type	Control Zone	BA	PSE	NERC ID	Point ID	MRD Resource	Approval Tagging Entity		Effective Date		Approval		Acting	
									Role	Code	Start	Stop	Status	Delegated	User	Entity
10255	<a href="#">BPA_3PS</a>	Source/Sink	BPAT	BPAT	BPAT	27	103807				11/01/2019	01/01/3000	Approved	No	N/A	N/A
388	<a href="#">BPAT-CA-Default</a>	Source/Sink	BPAT	BPAT	BPAT	27	3548				11/01/2019	01/01/3000	Approved	No	N/A	N/A
389	<a href="#">BPATLOAD</a>	Source/Sink	BPAT	BPAT	BPAT	27	17653				11/01/2019	01/01/3000	Approved	No	N/A	N/A
7562	<a href="#">Frederickson</a>	Source/Sink	BPAT	BPAT	FPWR24	2897	4670				11/01/2019	01/01/3000	Approved	No	N/A	N/A
16193	<a href="#">SS12</a>	Source/Sink	TES2	TES1	EGC1	100179	109736				09/08/2021	01/01/3000	Approved	No	N/A	N/A
16196	<a href="#">SS15</a>	Source/Sink	TES2	TES1	EGC1	100179	109739				09/14/2021	01/01/3000	Approved	No	N/A	N/A
16200	<a href="#">SS17</a>	Source/Sink	TES2	TES1	EGC1	100179	109743				09/15/2021	01/01/3000	Approved	No	N/A	N/A
16201	<a href="#">SS18</a>	Source/Sink	TES2	TES1	EGC1	100179	109744				09/15/2021	01/01/3000	Approved	No	N/A	N/A
16202	<a href="#">SS19</a>	Source/Sink	TES1	TES1	EGC1	100179	109745				09/15/2021	01/01/3000	Approved	No	N/A	N/A
16204	<a href="#">SS21</a>	Source/Sink	TES2	TES1	EGC1	100179	109747				09/15/2021	01/01/3000	Approved	No	N/A	N/A
16209	<a href="#">SS26</a>	Source/Sink	TES1	TES1	EGC1	100179	109752				09/15/2021	01/01/3000	Approved	No	N/A	N/A
16212	<a href="#">SS30</a>	Source/Sink	TES2	TES1	EGC1	100179	109755				09/16/2021	01/01/3000	Pending	No	N/A	N/A
16214	<a href="#">SS32</a>	Source/Sink	TES2	TES1	EGC1	100179	109757				09/16/2021	01/01/3000	Approved	No	N/A	N/A
16215	<a href="#">SS33</a>	Source/Sink	TES1	TES1	EGC1	100179	109758				09/16/2021	01/01/3000	Approved	No	N/A	N/A
16216	<a href="#">SS34</a>	Source/Sink	TES2	TES1	EGC1	100179	109759				09/16/2021	01/01/3000	Approved	No	N/A	N/A
16217	<a href="#">SS35</a>	Source/Sink	TES2	TES1	EGC1	100179	109760				09/16/2021	01/01/3000	Approved	No	N/A	N/A
16231	<a href="#">SS40</a>	Source/Sink	TES1	TES1	EGC1	100179	109774				09/17/2021	01/01/3000	Pending	No	N/A	N/A
16187	<a href="#">SS5</a>	Source/Sink	TES1	TES1	EGC1	100179	109730				09/07/2021	01/01/3000	Approved	No	N/A	N/A
16198	<a href="#">SS6</a>	Source/Sink	TES2	TES1	EGC1	100179	109741				09/14/2021	01/01/3000	Pending	No	N/A	N/A
16190	<a href="#">SS9</a>	Source/Sink	TES2	TES1	EGC1	100179	109733				09/07/2021	01/01/3000	Approved	No	N/A	N/A
16228	<a href="#">SSA10</a>	Source/Sink	TES2	TES1	EGP1	5355	109771				09/16/2021	01/01/3000	Approved	No	N/A	N/A
16229	<a href="#">SSA11</a>	Source/Sink	TES2	TES1	EGP1	5355	109772				09/16/2021	01/01/3000	Approved	No	N/A	N/A

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New Source/Sink Point    Source/Sink Points Upload    Close

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## 6.6 MRD Flowgates

OATI webRegistry will provide the ability to record Market Re-Dispatch (MRD) objects, flowgates, and resources.

ERO entity administrators will be responsible for the management of MRD data in webRegistry. No approval will be required for MRD objects.

To locate MRD Flowgates, navigate to Objects > MRD Flowgates.

## 6.7 MRD Resources

OATI webRegistry will provide the ability to record MRD objects, flowgates and resources, in a manner consistent with how these objects are currently modeled in the existing TSIN Registry.

ERO entity administrators will be responsible for the management of MRD data in webRegistry. No approval will be required for MRD objects.

To locate MRD Resources, navigate to Objects > MRD Resources.

## 6.8 Pseudo-Ties

Pseudo Tie functionality allows webRegistry Entity System Administrators to register Pseudo-Tie Transactions between Source and Sink BAs and the affected TSPs. Pseudo-Ties can only be registered by an Entity that has registered a BA or PSE role-code.

To locate Pseudo-Ties, navigate to Objects > Pseudo-Ties.

## 7. Approval Menu

### 7.1 Approval Configurations

NAESB, ERO, and BA Entity Administrator users in the webRegistry system can construct how approvals are performed, including if an approval is necessary. These users can also arrange the approval period, reminder period, and the event type of the approval.

To locate Approval Configurations, navigate to Approval > Approval Configurations. To create a new approval configuration, click on the “New Approval Configuration” button.

Approvers

Entity/ Object	Approver			Is Optional
	Entity	ID Column		
Entity	NAESB			No
Applicant	NAESB			No
ERO	NAESB			No
RC	NAESB			No
RRQ	NAESB			No
MQ	NAESB			No
ASP	NAESB			No
BA	NAESB			No
PGCA	NAESB			No
PSE	NAESB			No
TSP	NAESB			No
Interconnection	NAESB			No
Control Zone	BA	BAID		No
PCR/POD	TSP	TSPID		No
Source/Sink	BA	BAID		No
Source/Sink	PSE	PSEID		No
Reg Admin	Support			No
NAESB	Reg Admin			No
NAESB	Support			No
Product	NAESB			No
Consenser	NAESB			No
BA-BA	BA	FromBAID		No
BA-BA	TSP	FromTSPID		No
BA-BA	BA	ToBAID		No
BA-BA	TSP	ToTSPID		No
POD-PCR	TSP	FromTSPID		No
POD-PCR	TSP	ToTSPID		No
Transmission Path	BA	BAID		No
Transmission Path	TSP	TSPID		No
Source/POD	BA	FromBAID		No
09/23/2021 10:19:27 CST				

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New Approver    Close

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### 7.2 Approval History

Approval History displays the record of submittals and approvals in webRegistry. Information provided includes the timestamp of the submittal, timestamp of the approval, and if the submittal was approved or denied. Submittals that have been approved will be highlighted in gray, while denied submittals are highlighted in red.

To locate Approval History, navigate to Approval > Approval History.

Approval History		Submittal Timestamp	This Year (2021)												Approval			
Timestamp	User	Entity	Object	Name	Event Type	Attribute	Value	Old	New	Effective Date	Start	Stop	Object	Entity	User	Timestamp	Status	Notes
08/28/2021 20:56:39	Carlant	OAT2	Control Zone	TES1	New					08/28/2021	01/01/3000	BA	OAT2	Carlant	08/28/2021 20:56:39	Approved	Approval is not needed for owner of the object	
08/28/2021 21:19:10	Carlant	OAT2	Control Zone	TES2	New					08/28/2021	01/01/3000	BA	OAT2	Carlant	08/28/2021 21:19:10	Approved	Approval is not needed for owner of the object	
09/01/2021 17:20:28	CheerL	OAT2	Control Zone	C10	New					09/01/2021	01/01/3000	BA	OAT2	CheerL	09/01/2021 17:20:28	Approved	Approval is not needed for owner of the object	
09/01/2021 20:42:14	JOSBENILLE	EGC1	Control Zone	A1	New					09/01/2021	01/01/3000	BA	EGC1	JOSBENILLE	09/01/2021 20:42:14	Approved	Approval is not needed for owner of the object	
09/03/2021 11:13:26	CheerL	OAT2	Control Zone	C2	New					09/03/2021	01/01/3000	BA	OAT2	CheerL	09/03/2021 11:13:26	Approved	Approval is not needed for owner of the object	
09/14/2021 09:20:08	CheerL_CTE2	CTE2	Control Zone	CTE2	New					09/14/2021	01/01/3000	BA	CTE2	CheerL_CTE2	09/14/2021 09:20:08	Approved	Approval is not needed for owner of the object	
08/28/2021 21:29:50	Carlant	OAT2	POD-FOR	TES2_TES1	New					08/28/2021	01/01/3000	TSP	OAT2	Carlant	08/28/2021 21:29:50	Approved	Approval is not needed for owner of the object	
08/28/2021 21:28:49	Carlant	OAT2	Pseudo-Tie	(ID_1352)TES1_TES1 - TES1_TES1	New					08/28/2021	01/01/3000	BA	OAT2	Carlant	08/28/2021 21:28:49	Approved	Approval is not needed for owner of the object	
09/01/2021 20:38:34	CheerL	OAT2	Pseudo-Tie	(ID_1351)TES1+e2 - TES1+e2	New					09/01/2021	01/01/3000	BA	OAT2	CheerL	09/01/2021 20:38:34	Approved	Approval is not needed for owner of the object	
01/19/2021 18:08:53	Carlant	OAT2	PKICA	PKICA	Modification	N/A				01/19/2021	01/01/3000			Carlant	01/19/2021 18:08:53	Approved	Approval is not required due to no attributes changed	
01/20/2021 08:01:52	Carlant	OAT2	PKICA	OSUB	Modification	N/A				01/20/2021	01/01/3000			Carlant	01/20/2021 08:01:52	Approved	Approval is not required due to no attributes changed	
01/20/2021 11:15:20	Carlant	OAT2	PKICA	PKICA	Modification	N/A				01/20/2021	01/01/3000			Carlant	01/20/2021 11:15:20	Approved	Approval is not required due to no attributes changed	
01/20/2021 11:30:26	Carlant	OAT2	PKICA	PKICA	Modification	N/A				01/20/2021	01/01/3000			Carlant	01/20/2021 11:30:26	Approved	Approval is not required due to no attributes changed	
01/20/2021 12:17:02	Carlant	OAT2	PKICA	PKICA	Modification	N/A				01/20/2021	01/01/3000			Carlant	01/20/2021 12:17:02	Approved	Approval is not required due to no attributes changed	
01/20/2021 12:19:26	Carlant	OAT2	PKICA	PKICA	Modification	N/A				01/20/2021	01/01/3000			Carlant	01/20/2021 12:19:26	Approved	Approval is not required due to no attributes changed	
04/23/2021 12:51:24	CheerL	OAT2	PKICA	PKICA	Modification	N/A				04/23/2021	01/01/3000			CheerL	04/23/2021 12:51:24	Approved	Approval is not required due to no attributes changed	
04/26/2021 09:50:54	CheerL	OAT2	Entity	CHJ	New					04/26/2021	01/01/3000	NAESB	NAES	JonathanB	04/26/2021 09:50:54	Approved	Approval is not needed due to auto approve configuration by the approval	
05/17/2021 11:04:02	Carlant	OAT2	PSE	SEAD	Modification	Code	SEA	SEA		05/17/2021	01/01/3000	NAESB	NAES	JonathanB	05/17/2021 11:04:02	Approved	Approval is not needed due to auto approve configuration by the approval	
05/17/2021 11:19:35	Carlant	OAT2	PSE	SEAL	Modification	Code	SEAD	SEAL		05/17/2021	01/01/3000	NAESB	NAES	JonathanB	05/17/2021 11:19:35	Approved	Approval is not needed due to auto approve configuration by the approval	
05/18/2021 07:55:48	Carlant	OAT2	PSE	ADAPT2	Modification	NERC ID	10082	S207		05/18/2021	01/01/3000	NAESB	NAES	JonathanB	05/18/2021 07:55:48	Approved	Approval is not needed due to auto approve configuration by the approval	
05/18/2021 07:55:48	Carlant	OAT2	PSE	ADAPT2	Modification	Entity	Adapt2 Solutions	Secco Southwest Trading, LLC		05/18/2021	01/01/3000	NAESB	NAES	JonathanB	05/18/2021 07:55:48	Approved	Approval is not needed due to auto approve configuration by the approval	
05/03/2021 07:25:40	Carlant	OAT2	PKICA	OATICA	Modification	N/A				05/03/2021	01/01/3000			Carlant	05/03/2021 07:25:40	Approved	Approval is not required due to no attributes changed	
06/03/2021 09:12:58	Carlant	OAT2	PKICA	OATICA	Modification	N/A				06/03/2021	01/01/3000			Carlant	06/03/2021 09:12:58	Approved	Approval is not required due to no attributes changed	
06/09/2021 10:52:54	Carlant	REC1	Entity	RECI	Registration					06/09/2021	01/01/3000	NAESB	NAES	JonathanB	06/09/2021 10:52:54	Approved	Approval is not needed due to auto approve configuration by the approval	
06/09/2021 10:43:00	Carlant	REC1	Applicant	RECI	New					06/09/2021	01/01/3000	NAESB	NAES	JonathanB	06/09/2021 10:43:00	Approved	Approval is not needed due to auto approve configuration by the approval	
06/09/2021 10:52:52	Carlant	REC1	PSE	RECI	Registration					06/09/2021	01/01/3000	NAESB	NAES	JonathanB	06/09/2021 10:52:52	Approved	Approval is not needed due to auto approve configuration by the approval	
06/09/2021 11:12:06	Carlant	REC1	PSE	RECI	Modification	N/A				06/09/2021	01/01/3000			Carlant	06/09/2021 11:12:06	Approved	Approval is not required due to no attributes changed	
06/09/2021 11:12:36	Carlant	REC1	PSE	RECI	Modification	Effective Stop Date	09/09/2021	09/09/2021		06/09/2021	06/09/2021	NAESB	NAES	JonathanB	06/09/2021 11:12:36	Approved	Approval is not needed due to auto approve configuration by the approval	
06/09/2021 11:19:45	Carl	RECT	Entity	RECT	Registration					06/09/2021	01/01/3000	NAESB	NAES	JonathanB	06/09/2021 11:19:45	Approved	Approval is not needed due to auto approve configuration by the approval	
06/09/2021 11:17:15	Carl	RECT	Applicant	RECT	New					06/09/2021	01/01/3000	NAESB	NAES	JonathanB	06/09/2021 11:17:15	Approved	Approval is not needed due to auto approve configuration by the approval	

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### 7.3 Approval Overrides

The Approval Overrides display indicates to Administrative users the approval overrides allowed in the system.

To locate Approval Overrides, navigate to Approval > Approval Overrides. To create a new approval override, click on the “New Approval Override” button.

Entity	Object	Event Type	Attribute	Auto Approve
WECC	Pseudo-Tie	<a href="#">New</a>		Yes
		<a href="#">Modification</a>	Effective Start Date	Yes
		<a href="#">Modification</a>	Effective Stop Date	Yes
		<a href="#">Modification</a>	Src Contract Number	Yes
		<a href="#">Modification</a>	Source Contract Number	Yes
Pseudo-Tie Segment	<a href="#">New</a>		Yes	
	<a href="#">Modification</a>	Contract Number	Yes	
	<a href="#">Modification</a>	Effective Start Date	Yes	
NAES	BA	<a href="#">Modification</a>	Effective Stop Date	Yes
		<a href="#">Registration</a>		No
		<a href="#">Registration</a>		No
		<a href="#">Registration</a>		Yes
		<a href="#">Registration</a>		Yes
		<a href="#">New</a>		Yes
		<a href="#">New</a>		Yes
		<a href="#">New</a>		No
		<a href="#">New</a>		Yes
		<a href="#">New</a>		Yes
		<a href="#">New</a>		Yes
		<a href="#">New</a>		Yes
		<a href="#">New</a>		Yes
		<a href="#">New</a>		Yes
		<a href="#">New</a>		Yes
TSP	TSP	<a href="#">Registration</a>		No
		<a href="#">Registration</a>		No
		<a href="#">Registration</a>		No
		<a href="#">Registration</a>		Yes
		<a href="#">Registration</a>		Yes
		<a href="#">Registration</a>		Yes
		<a href="#">Registration</a>		Yes
		<a href="#">Registration</a>		Yes
		<a href="#">Registration</a>		Yes
		<a href="#">Registration</a>		Yes
		<a href="#">Registration</a>		Yes
		<a href="#">Registration</a>		Yes
		<a href="#">Registration</a>		Yes
		<a href="#">Registration</a>		Yes

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### 7.4 Pending Approvals

Entity Administrator users that have approval rights will be notified via a system alarm of new/pending approvals requiring action. A reminder alarm can also be generated 12 hours prior to an approval deadline for pending changes still waiting for approval.

To locate Pending Approvals, navigate to Approval > Pending Approvals. To either approve changes or deny changes, check the checkboxes and click on the “Approve Checked” or “Deny Checked” buttons, respectively.

**Pending Approvals**

Action	Submittal				Event Type	Attribute	Value			Effective Date		Approval			Remaining Days	<input type="checkbox"/>
	Timestamp	User	Entity	Object			Name	Old	New	Warning	Start	Stop	Object	Entity		
<a href="#">Approve</a>	09/17/2021 09:30:26	Carl_Test2		BA	CAR2	Registration				09/17/2021	01/01/3000	NAESB		4	<input type="checkbox"/>	
<a href="#">Approve</a>	09/14/2021 08:49:02	JGoberville	EGC1	Source/Sink	SS1	New				09/14/2021	01/01/3000	BA	OAT2	1	<input type="checkbox"/>	
<a href="#">Approve</a>	09/14/2021 08:49:30	JGoberville	EGC1	Source/Sink	SS6	New				09/14/2021	01/01/3000	BA	OAT2	1	<input type="checkbox"/>	
<a href="#">Approve</a>	09/16/2021 08:19:55	CheeL	OAT2	Source/Sink	SS30	New				09/16/2021	01/01/3000	PSE	EGC1	3	<input type="checkbox"/>	
<a href="#">Approve</a>	09/17/2021 06:36:04	CheeL	OAT2	Source/Sink	SS40	New				09/17/2021	01/01/3000	PSE	EGC1	4	<input type="checkbox"/>	
<a href="#">Approve</a>	09/17/2021 06:36:25	CheeL	OAT2	Source/Sink	SS41	New				09/17/2021	01/01/3000	PSE	EGC1	4	<input type="checkbox"/>	

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## 8. Payment Menu

The webRegistry system allows users to pay their annual dues directly through the system by using a major credit card.

Annual dues are based on the number of Code-Role instances registered by a given entity in webRegistry. After the initial registration, an entity will be given a grace period of thirty days, during which it is expected to fulfill its payment obligations. If a payment has not been posted during the grace period, an entity registration may be terminated and result in terminations to existing data object registrations.

Initial Registration of a Code-Role: \$300.00 (USD).

Annual Renewal of a Code-Role: \$200.00 (USD).

Late payment charges may be assessed on payments made after the due date, where applicable.

Only Entity Administrator Users can make payments in the system on behalf of its entity.

Annual Payments are due on the first of the month of the anniversary of the first Code-Role registration. If, after paying its annual dues, an entity registers additional Code-Roles, the additional dues for this Code-Role will be adjusted and an additional prorated payment will be requested.

Entity Administrators can pay for dues on the Payment Entry display by entering customary credit card information. Upon submission of payment, webRegistry will send an email receipt to the email address provided. The Payment Log display lists the entity's payment history in the system. No other forms of payment are accepted.

Payment Entry

One or more Entity Code-Roles have payment due. Please provide payment for the below Code-Roles. Failure to do so before the due date will result in the Code-Role being removed from the registry.

Entity: OATI

<input type="checkbox"/>	Entity Code Role	Subscription	Status	Remaining Days	Start	End	Amount
<input type="checkbox"/>	OATI (ASP)	Renewal	Payment Required	0	03/01/2021	02/28/2022	200.00

Total Amount: 0

Notes:

Name on Credit Card:

Street Address:

City:

State:

ZipCode:

Credit Card Type:

Credit Card Number:

Expiration Date:  /

Security Code:

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### 8.1 Subscription Summary

The Subscription Summary display shows entities a summary of their subscriptions and when payments are due.

To locate Subscription Summary, navigate to Payment > Subscription Summary. To make a payment, click on the “New Payment” button.

Subscription Summary Entity: OAT2 (OATI webRegistry Administrator)

Entity	Entity Code-Role	Current Subscription			Next Payment			Last Payment									
		Start	End	Status	Due Date	Remaining Days	Required Amount	Start Date	End Date	Timestamp	Payment			Notes			
											Method	Amount	Transaction ID				
OATI webRegistry Administrator	C10 (BA)	09/01/2021	12/31/2021	Renewal	10/01/2021	12	166.67										
OATI webRegistry Administrator	C2 (BA)	09/01/2021	12/31/2021	Renewal	10/01/2021	12	166.67										
OATI webRegistry Administrator	TES2 (PSE)	08/30/2021	12/31/2021	Renewal	09/29/2021	10	183.33										
OATI webRegistry Administrator	OATI (Support)	09/22/2011	12/31/2999	Normal	01/31/3000	357341	200.00	09/22/2011	12/31/2999	2011-09-22 14:54:11.057	Coupon	250.00				View	
OATI webRegistry Administrator	TES1 (PSE)	08/24/2021	12/31/2021	Normal	01/31/2022	134	200.00	08/24/2021	12/31/2021	2021-08-24 15:14:10.030	Coupon	183.33					
OATI webRegistry Administrator	TES1 (RRO)	08/24/2021	12/31/2021	Normal	01/31/2022	134	200.00	08/24/2021	12/31/2021	2021-08-24 15:14:49.100	Coupon	183.33					
OATI webRegistry Administrator	TES1 (TSP)	08/24/2021	12/31/2021	Normal	01/31/2022	134	200.00	08/24/2021	12/31/2021	2021-08-24 15:15:22.897	Coupon	183.33					
OATI webRegistry Administrator	TES1 (RC)	08/24/2021	12/31/2021	Normal	01/31/2022	134	200.00	08/24/2021	12/31/2021	2021-08-28 20:53:15.643	Coupon	183.33					
OATI webRegistry Administrator	TES1 (ASP)	08/24/2021	12/31/2021	Normal	01/31/2022	134	200.00	08/24/2021	12/31/2021	2021-08-28 20:53:54.910	Coupon	183.33					
OATI webRegistry Administrator	TES1 (MO)	08/24/2021	12/31/2021	Normal	01/31/2022	134	200.00	08/24/2021	12/31/2021	2021-08-28 20:54:14.980	Coupon	183.33					

09/19/2021 17:48:43 CST Page 1 of 1 Records 1--11 of 11

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## 9. Audit Menu

### 9.1 Audit Trail

The webRegistry system will provide a comprehensive audit trail that will allow Users to track the creation and removal of objects, changes in object attributes, and approval actions taken by users. Each event will be time stamped and the identity of the responsible user retained. Various audit trail views can be generated in the system, enabling Registry Administrators to track the object’s lifecycle in the system.

In addition to the audit trail, most webRegistry summaries support the historical viewing of data objects as they were officially recorded in published registry versions. Users can select the version index in the summary display filter and view the object’s version that was included in a given registry publication.

To locate the audit trail, navigate to Audit > Audit Trail.

**Audit Trail** Type: **POR/POD Type** Object: **4** Match Object Exactly: **Yes** Duration: **Year Range (2012 - 2021)**

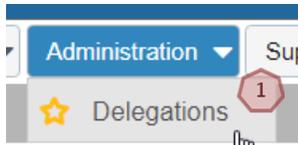
Timestamp	Modified By		IP Address	Reason	Action	Type	View Object	View XML
	User Name	Company						
<input type="checkbox"/> 08/30/2021 14:27:30.510	CarlanL	OAT2	10.100.194.24		INSERT	POR/POD Type	<a href="#">4</a>	<a href="#">View</a>

09/19/2021 17:50:02 CST Page 1 of 1 Record 1 of 1

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## 10. Administration Menu

### 10.1 Delegations



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1 To specify a delegation, navigate to Administration > Delegations. The Delegation display will open. Click on the “New Delegation” button. The Delegation Entry page will open.

Delegations Status: ALL Effective Date: Today (09/19/2021)

Entity		Status	Comment	Effective Date		Creation		Confirmed/Cancelled					
Acting	Delegating			Start	Stop	User	Timestamp	Action	Notes	User	Timestamp		
CRSP		Pending		09/23/2014	01/01/3000	mtmrklap	09/23/2014 11:00:15.320						
	CRSP	Pending		09/23/2014	01/01/3000	mtmrkrcrsp	09/23/2014 11:10:56.343						
ETNA	WTNY	Pending											
ETNA	FENN	Pending		02/13/2020	01/01/3000	dtrent_FENN	02/13/2020 08:40:44.150						
TEA	NIXA	Active		01/27/2017	01/01/3000	AMiller	01/27/2017 14:13:38.373	View		TFlanaganTEA	01/27/2017 14:17:00.890		
NWDS	NWPS	Active	View	03/07/2018	01/01/3000	clhuber	03/07/2018 15:44:11.780	View		00038363	03/07/2018 15:46:03.033		
EMAE	EES9	Active		01/25/2018	01/01/3000	mcookees9	01/25/2018 10:35:01.850	View		mcookeei	01/25/2018 10:36:06.253		
EMAE	EMRA	Active		01/25/2018	01/01/3000	mcookees	01/25/2018 10:51:20.290	View		mcookeei	01/25/2018 11:05:31.527		
EMAE	EE15	Active		01/25/2018	01/01/3000	mcookees15	01/25/2018 10:52:43.360	View		mcookeei	01/25/2018 11:05:33.867		
EMAE	EES3	Active		01/25/2018	01/01/3000	mcookees3	01/25/2018 10:54:46.750	View		mcookeei	01/25/2018 11:05:35.973		
EMAE	EE2	Active		01/25/2018	01/01/3000	mcookeesub2	01/25/2018 10:57:10.207	View		mcookeei	01/25/2018 11:05:38.000		
EMAE	EEUS	Active		01/25/2018	01/01/3000	mcookeesub1	01/25/2018 10:59:05.080	View		mcookeei	01/25/2018 11:05:40.427		
EMAE	EELP	Active		06/18/2019	01/01/3000	mcookeelp	06/18/2019 09:15:32.837	View		mcookeei	06/18/2019 09:18:54.043		
SCBP	PMPA	Terminated by Acting Entity		06/15/2016	01/01/3000	MFrazier	06/15/2016 12:46:50.417	View		RRCarbon	06/17/2016 06:44:14.823		
SCBP	SLAW	Terminated by Acting Entity		06/15/2016	01/01/3000	senecaoati	06/16/2016 06:40:21.003	View		RRCarbon	06/17/2016 06:29:24.453		
		Active	View	05/08/2012	01/01/3000	voorheesBHCT2	05/08/2012 10:10:26.640	View		voorheesBHPT2	05/08/2012 10:15:15.137		
		Active	View	05/08/2012	01/01/3000	voorheesCLPT2	05/08/2012 10:13:30.840	View		voorheesBHPT2	05/08/2012 10:15:25.237		

Page 1 of 2 Records 1-30 of 44

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1 Click on the “New Delegation” button. The Delegation Entry page will open.

### Delegation Entry

Delegating Entity OAT2 **1** **2** **6**

Acting Entity **1** Please select one... **2**

Comment **3**

Effective Date 09/19/2021 **4** 01/01/3000 **4**

Enter **5**

1 The Delegating Entity will be pre-populated with the user’s Entity name.

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2 Select the company to delegate data management authority to from the Acting Entity dropdown.

3 Enter a comment about the delegation in this field.

4 By default, the Effective Start Date will be the date the form is completed. The default Effective End Date will be 01/01/3000. Dates can be modified manually, or by using the “Calendar” button.

5 Click on the “Enter” button to create and save the delegation.

6 Click on the “X” to close the display. The Delegation will not be created or saved.



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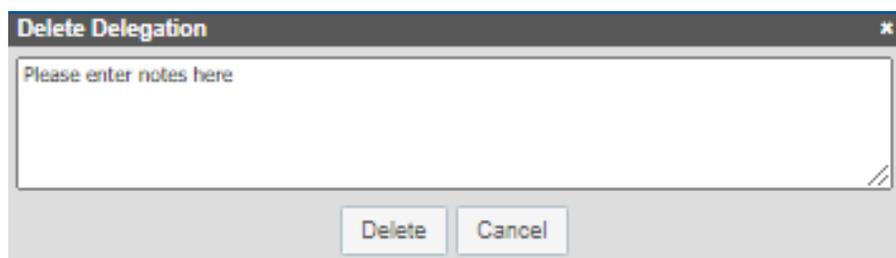
1 To remove or confirm a delegation, navigate to Administration > Delegations. The Delegations Summary page will open.

Delegations Status: ALL Effective Date: Today (09/27/2021)

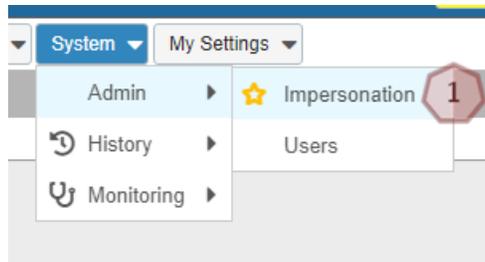
Entity		Status	Comment	Effective Date		Creation		Confirmed/Cancelled			
Acting	Delegating			Start	Stop	User	Timestamp	Action	Notes	User	Timestamp
ECRE	FPWR	Pending		09/27/2021	01/01/3000	SGaynier	09/27/2021 13:24:49.557	<a href="#">View</a>			

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1 Click on the “View” link under the “Action” column to take action on the delegation. The Confirm Delegation or Delete Delegation display will open depending on the available action.



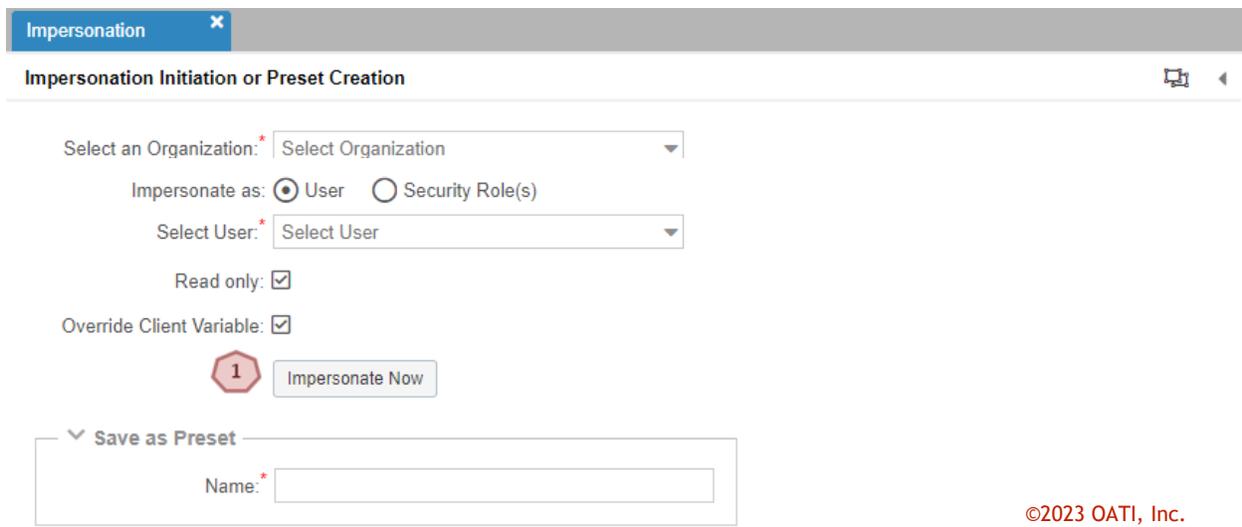
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1 To perform the data entry for a delegating entity, navigate to System > Admin > Impersonation. This will bring up the Impersonate Users display with a list of users from the delegating entity.

1 Click on the “Impersonate” link for an Entity Admin user from the delegating company.



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When a user is impersonating a user, the user being impersonated will show up on the top right of the user’s screen. The acting user will be able to make changes to entity, role(s), and objects belonging to the entity of the user being impersonated.



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1 Click on the “Stop Impersonation” button on the top right of the screen to stop impersonating the user.

## 11. Registry Management Menu

### 11.1 Delta Publications

The Delta Publication display shows a summary of changes for a given publication. At the time of publication, the system compares the state of each published data record with its state in the previous publication and identifies the changes.

To locate Delta Publications page, navigate to Registry Management > Delta Publications. Use the filtering options to filter for one publication, and the page will display all changes associated with the publication.

**Delta Publications**      Changed Publication: **ARCHIVE - 2951\_20210903\_S (09/03/2021)**  
 Original Publication: **ARCHIVE - 2950\_20210902\_S (09/02/2021)**

Object	Name	Changes	Attribute	Value		Publication	
				Old	New	Changed	Original
Control Zone	<a href="#">A1</a>	Added				2951_20210903_S	2950_20210902_S
Control Zone	<a href="#">C10</a>	Added				2951_20210903_S	2950_20210902_S
Entity	<a href="#">EGC1</a>	Added				2951_20210903_S	2950_20210902_S
Entity	<a href="#">EGP1</a>	Added				2951_20210903_S	2950_20210902_S
PSE	<a href="#">EGC1</a>	Added				2951_20210903_S	2950_20210902_S
PSE	<a href="#">EGP1</a>	Added				2951_20210903_S	2950_20210902_S
PSE	<a href="#">FPWR24</a>	Modified	Expiration Date	08/31/2021	08/31/2022	2951_20210903_S	2950_20210902_S
PSE	<a href="#">UGC1</a>	Added				2951_20210903_S	2950_20210902_S

09/19/2021 18:28:36 CST      Page 1 of 1      Records 1–10 of 10

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### 11.2 Publication History

The Publication History display shows a summary of all registry publications (scheduled and unscheduled) along with links to corresponding data files.

To locate Publication History, navigate to Registry Management > Publication History.

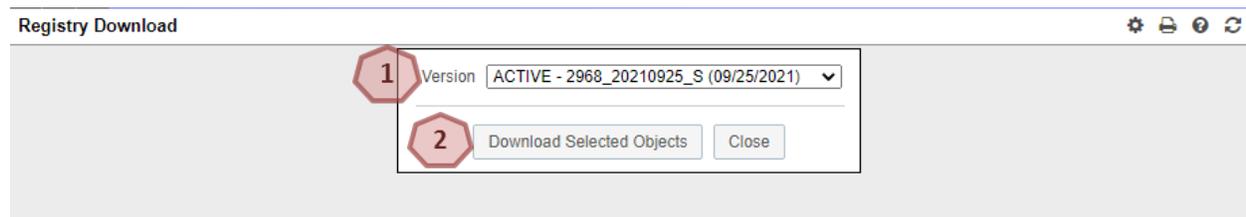


1 Click on the individual XML file links to see the data inside the XML files.

### 11.3 Registry Download

This display will allow users to download data files associated with Registry publications in XML format. Downloads in CSV or MDB are no longer available.

To locate the Registry Download, navigate to Registry Management > Registry Download. To download selected objects:

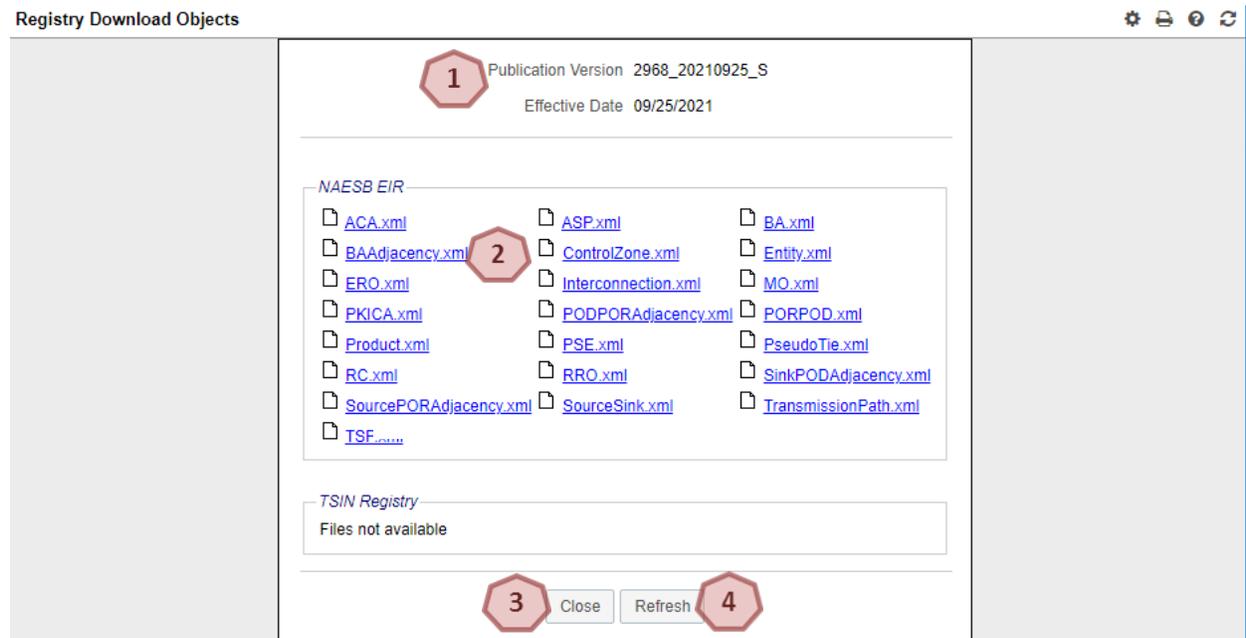


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1 Select the registry publication version.

2 Click on the “Download Selected Objects” button.

A window will open with the available XML files to download:



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1 The currently selected Publication Version, Effective Date, and file Download Format.

 2 Click on the link associated to the file to download.

 3 Click on the “Close” button to close the display. No download will take place.

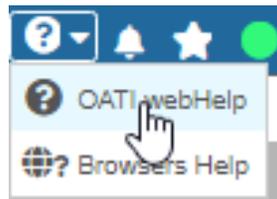
 4 Click on the “Refresh” button to refresh the contents on the display.

## 12.Help Menu

### 12.1 webRegistry Online Help

For additional assistance with any display in the webRegistry system, click on the “webRegistry Online Help” link in the “Help” menu. The help console will offer topical information in a searchable format.

The question mark in the upper right hand corner of the display will also open the webRegistry Online Help console.



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### 12.2 Recommended Browser Settings

OATI webRegistry supports Internet Explorer 11 and Chrome. Associated documentation guides a user through recommended browser settings for the corresponding browser release.

To locate the recommended settings, navigate to Help > Recommended Browser Settings.

### 12.3 Registry Documentation

OATI webRegistry includes related documentation to assist users with the system.

NAESB EIR Documentation

Related Documents			
File Information			Description
Type	Size	Date	
<a href="#">Acrobat</a>	2891 KB	11/05/2018	NAESB EIR User Guide
<a href="#">Acrobat</a>	548 KB	11/05/2018	NAESB EIR Quick Start User Guide
<a href="#">Acrobat</a>	1651 KB	10/25/2018	NAESB EIR Technical Guide
<a href="#">Acrobat</a>	498 KB	10/25/2018	NAESB EIR Service Point Update Guide
<a href="#">Acrobat</a>	251 KB	10/30/2012	NAESB EIR Terms and Conditions
<a href="#">Acrobat</a>	803 KB	03/28/2020	NAESB EIR TLS 1.2 Browser Settings

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To locate documentation, navigate to Help > Registry Documentation.

## 13. System Menu

### 13.1 Users

All users must present a valid and unique PKI-compliant security certificate to access webRegistry. Certificates may not be linked to more than one user, and generic multi-user certificates are not supported or allowed.

Users' ability to view and change data in webRegistry is derived from user roles assigned to them. The following user roles are supported in webRegistry:

- Entity Administrator
- Registry User

Entity Administrators will create new accounts for users in their entities and assign proper roles to them at creation. They will also perform payment of annual dues and have permissions to create, modify and remove the Entity's data in the system. Registry Users have permission only to view an Entity's data.

To locate users, navigate to System > Admin > Users.

**User Summary** 









CST ▾

Username	Email	Status	Organizations	Credential Type	Certificate
AdamB	bogus@oati.net	Active	Open Access Tech...	Username/Passwor...	Other
AkheemA_REMOV...	bogus@oati.net	Deleted	Open Access Tech...	Username/Passwor...	Other
AlokPOld	bogus@oati.net	Deleted	Open Access Tech...	Username/Passwor...	Other
AngelaK_removed	bogus@oati.net	Deleted	Open Access Tech...	Username/Passwor...	Other
BrekR	bogus@oati.net	Active	Open Access Tech...	Username/Passwor...	Other
BrooksB_Removed	bogus@oati.net	Deleted	Open Access Tech...	Username/Password	
btlewis	bogus@oati.net	Active	Open Access Tech...	Username/Passwor...	Other
Dave_Stangler	bogus@oati.net	Active	Open Access Tech...	Username/Passwor...	Other
doug	bogus@oati.net	Active	Open Access Tech...	Username/Passwor...	Other
DustinR	bogus@oati.net	Active	Open Access Tech...	Username/Passwor...	Other
EmmaCOld	bogus@oati.net	Deleted	Open Access Tech...	Username/Passwor...	Other
HienH	bogus@oati.net	Deleted	Open Access Tech...	Username/Passwor...	Other
JaspreetS	bogus@oati.net	Active	Open Access Tech...	Username/Password	Other
JayasyamR_REMO...	bogus@oati.net	Deleted	Open Access Tech...	Username/Passwor...	Other
JeffASP	bogus@oati.net	Active	Open Access Tech...	Username/Passwor...	Other
JesseW	bogus@oati.net	Active	Open Access Tech...	Username/Passwor...	Other
JillS	bogus@oati.net	Active	Open Access Tech...	Username/Passwor...	Other
JoseL_old	bogus@oati.net	Deleted	Open Access Tech...	Username/Passwor...	Other
KayleeM	bogus@oati.net	Active	Open Access Tech...	Username/Password	Other
LauraW	bogus@oati.net	Active	Open Access Tech...	Username/Passwor...	Other
LonnaJ_Removed	bogus@oati.net	Deleted	Open Access Tech...	Username/Passwor...	Other
LukasF_REMOVED	bogus@oati.net	Deleted	Open Access Tech...	Username/Passwor...	Other
MarkH	bogus@oati.net	Active	Open Access Tech...	Username/Passwor...	Other
MarkN	bogus@oati.net	Active	Open Access Tech...	Username/Passwor...	Other
MatthewK	bogus@oati.net	Active	Open Access Tech...	Username/Passwor...	Other
MichelleC	bogus@oati.net	Active	Open Access Tech...	Username/Passwor...	Other
MohamadY	bogus@oati.net	Deleted	Open Access Tech...	Username/Passwor...	Other
MonicaH_removed	bogus@oati.net	Deleted	Open Access Tech...	Username/Passwor...	Other
NawshinR	bogus@oati.net	Active	Open Access Tech...	Username/Passwor...	Other
PatrickT	bogus@oati.net	Deleted	Open Access Tech...	Username/Passwor...	Other
RSa_inactive	bogus@oati.net	Active	Open Access Tech...	Username/Passwor...	Other
RyanC_inactive	bogus@oati.net	Deleted	Open Access Tech...	Username/Passwor...	Other

09/19/2021 18:10:57 CST | Displaying 39 Record(s)

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## 13.2 Users Online

Administrator Users can view who is online in the webRegistry system from their company through the Active User Summary display.

To locate users online, navigate to System > Monitoring > Active User Summary.

**Active User** 🔍 🗑️ 🏠 ⚙️ 📄 📧 🔄 CST ▾

<input type="checkbox"/>	Username	UserAgent	Maximum Idle ...	Login Time	Organization	Idle (Minutes)	IP Address	Server Name	Brow...	Browser Ver...	Session Type
<input type="checkbox"/>	BrianN	Mozilla/5.0 (Win...	9000 minutes	10/13/2021 10:0...	North American ...	5	10.107.252.163	REGISTRYDEV...	🌐	94.0.992.38	LOCAL
<input type="checkbox"/>	BrianN_NAESB	Mozilla/5.0 (Win...	9000 minutes	10/13/2021 09:3...	Bonneville Pow...	5	10.107.252.163	REGISTRYDEV...	🌐	94.0.4606.81	LOCAL
<input type="checkbox"/>	CarlanL	Mozilla/5.0 (Win...	9000 minutes	10/13/2021 08:4...	OATI webRegist...	0	10.100.194.24	REGISTRYDEV...	🌐	94.0.4606.71	LOCAL

Logout Selected User(s) 10/13/2021 10:43:18 CST | Displaying 3 Record(s)

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### 13.3 Alarm History

The Alarms History displays all alarms issued by webRegistry for a given user.

To locate alarms history, navigate to System > History > Alarm History.

**Alarm History** 🔍 🗑️ 🏠 ⚙️ 📄 📧 🔄 CST ▾

Alarm Type Name	Creating User	Alarmed User	Alarm Message	Alarm Subject	Creation Time	Acknowledge Time
Scheduled Registry Publication	Ww_System	csliu	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	IDC_Admin	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	elmacho	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	OKouam_ALWP	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	JohnK	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	crudrow	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	twies	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	rwashburn	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	GSeshadri	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	CKouam_BCI	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	WBrncker	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	gsi16386	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	MThompson	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	GARCIAO	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	EccsisLLC	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	bj24176_np	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	JLehmann	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	SSmithson	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	jcornwell	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	RSpeegle	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	vishuk	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	AnulyaC	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	jbogen	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	FSI_Brian_Richardson	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	FSI_Michael_Chen	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	rmcgrail	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38
Scheduled Registry Publication	Ww_System	KNydam	Registry version 2957_20210909_S (PENDING) has been published	Registry Publication	09/15/2021 08:33:38	09/15/2021 08:33:38

09/19/2021 17:54:51 CST | Page 1 of 1 | Displaying 1 - 500

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## 14. My Settings Menu

### 14.1 Alarm Settings

OATI webRegistry provides user-designed notification management. The system issues notification alarms to Users based on their roles. Users can individually select which of the role-specific alarms they would like to receive, and in what form. webRegistry supports different forms of notification delivery, and all issued notifications are recorded in the Audit Trail.

#### 14.1.1 Active Alarms

The Active Alarms icon indicates unacknowledged alarms for a given user. Bulk and individual alarm acknowledgment can be performed on this display.



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**1** To locate active alarms check the top left of the application bar for the bell icon. If you hover over, it will display “Alarms”.

#### 14.1.2 Alarm Settings

The Alarm Subscriptions displays a list of a given user’s subscriptions. New subscriptions can be added or removed on this display.

To locate alarm subscriptions, navigate to My Settings > Alarm Settings.

**Alarm Subscription Summary** 🔍 📄 ⚙️ 🗑️ 📄 📄 📄 📄

Subscribe	Alarm Type N...	Description	Delivery Method	Alarm Preview	Sound Na...	Res...	User Email	User P...	Cellph...	Is Priority
📁 Group Name : Default										
<input checked="" type="checkbox"/>	Approval Actio...	Approval Action...	Email	Approval Action Ne...		<input type="checkbox"/>	carlan.luon...	(763)20...		<input type="checkbox"/>
<input checked="" type="checkbox"/>	Changes Appr...	Changes has be...	Email	Changes Approved		<input type="checkbox"/>	carlan.luon...	(763)20...		<input type="checkbox"/>
<input checked="" type="checkbox"/>	Changes Denied	Changes has be...	Email	Changes Denied		<input type="checkbox"/>	carlan.luon...	(763)20...		<input type="checkbox"/>
<input checked="" type="checkbox"/>	News	Alarm when ne...	Email	News		<input type="checkbox"/>	carlan.luon...	(763)20...		<input type="checkbox"/>
<input checked="" type="checkbox"/>	Object Expiration	Notification for...	Email	Object Expiration		<input type="checkbox"/>	carlan.luon...	(763)20...		<input type="checkbox"/>
<input checked="" type="checkbox"/>	Object Expirati...	Notification for...	Email	Object Expiration by		<input type="checkbox"/>	carlan.luon...	(763)20...		<input type="checkbox"/>
<input checked="" type="checkbox"/>	Scheduled Re...	Alarm that is trig...	Email	Scheduled Registry		<input type="checkbox"/>	carlan.luon...	(763)20...		<input type="checkbox"/>
<input checked="" type="checkbox"/>	Unscheduled...	Alarm that is trig...	Email	Unscheduled Regist		<input type="checkbox"/>	carlan.luon...	(763)20...		<input type="checkbox"/>



09/19/2021 17:52:14 CST | Displaying 8 Record(s)

**1** To subscribe or unsubscribe to an Alarm, select on the alarm which will open the Alarm Subscription Entry. ©2023 OATI, Inc.

### Alarm Subscription Entry 🖨️ ▶

**Basic Information**

▼ Alarm Subscription Details

Alarm Type Name: \*

Subscribe:  1

Is Priority:  2

▼ Delivery Method Details 3

Delivery Method: \*

Alarm Subject: \*

Background Color:

Text Color:

Allow HTML:

Description:  | **B** *I* U | T<sup>+</sup> T<sup>\*</sup> | I ▼ ☰

Alarm when new News item is created or modified

Restricted User Interface:

Apply Style to Group:

— > User Details —

4 🖨️ ↺

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- 1 Then uncheck or check the Subscribe box and proceed to save the preferred setting.
- 2 Selecting Is Priority makes it a High Importance email as applicable.
- 3 Customized how to receive the alarm.
- 4 Hit “Save” to save the alarm.

## 14.2 My News

The News inbox display is a bulletin for webRegistry users. News items are posted by Registry Administrators and NAESB users. News items can include such topics as upcoming trainings, updates to the system, or any information to be disseminated to the large group of registered industry users.

This page is accessible from the top right of the display by clicking on the News Inbox icon or can be accessible by My Settings > My News.



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My News

Filtered By: Notification Time Date Range (08/20/2021 - 09/19/2021)

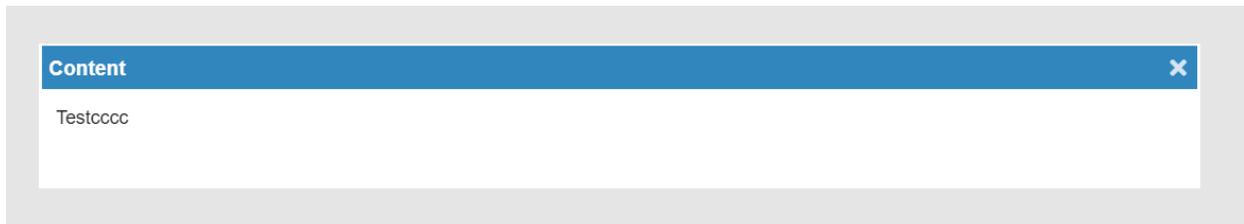
Header	Content	Acknowledgement...	Notification Time	Acknowledge Time
test 4	<a href="#">View</a>	true	09/07/2021 19:51:59	09/08/2021 06:55:18

1

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09/19/2021 18:02:12 CST | Page 1 of 1 | Displaying 1 - 1

- 1 Click on the content “View” to see the contents of the news item.



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### 14.3 Change Password

Users can also change their passwords through the Change Password display. To locate this display, navigate to My Settings > Change Password. Passwords can be changed at any time, but must be changed at least every 180 days. Password criteria is listed on this display.

#### Change Password

1. Password length: minimum 8 characters and maximum 30 characters.
2. Must contain all four character types:
  - Lower case letters: a-z
  - Upper case letters: A-Z
  - Numbers: 0-9
  - Special characters: `~!@\$%^&\_\*+=[]{};:~./<>?
3. The following special characters cannot be used: space, single quote ('), double quote ("), pound sign (#), asterisk (\*), ampersand (&), and pipe (|).
4. Must be different from the last 8 passwords.

Current Password:\*

New Password:\*

Confirm New Password:\*



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### 14.4 Toolbar Settings

The Toolbar settings is a display used to create a loading custom menu toolbar by clicking on the Def gear icon on the top left of the application. There will be a Default Menu setting for the Toolbar and ones the user can customize.



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Toolbar Summary

Name	Short Name	Is Active	Is Shared
TEST	test	Yes	No

Selected Folder(s)

- EIR Dashboard
- Entities

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## 15. Registry Publication Schedule

A pending registry is published at 12:00 AM CST and becomes effective at 12:00 AM CST the following day. For example, a pending registry published at 12:00 AM CST Tuesday becomes effective 12:00 AM CST Wednesday. There are a few exceptions:

1. A pending registry is never published on weekends (Saturday and Sunday). A pending registry is only published on weekdays (Monday through Friday). This means that a new registry never becomes effective on Sunday and Monday.
2. A pending registry never becomes active on a day that NAESB has registered in webRegistry as a holiday. However, a pending registry is published on a holiday. For example, Thanksgiving always falls during the work week on a Thursday. So, there will be no pending registry published at 12:00 AM on Wednesday to be effective 12:00 AM on Thursday. However, a pending registry will be published on 12:00 AM Thursday to be effective 12:00 AM Friday.

Note: Emergency publications are exempt from the above rules, and may be published at any time.