

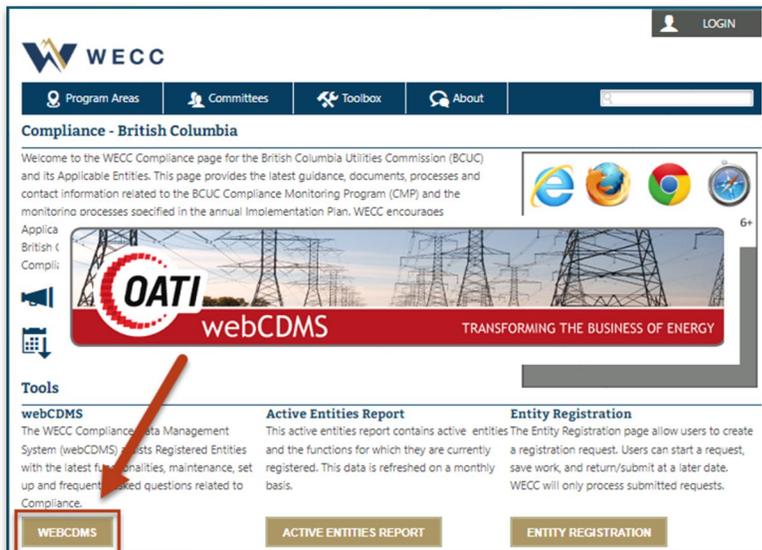
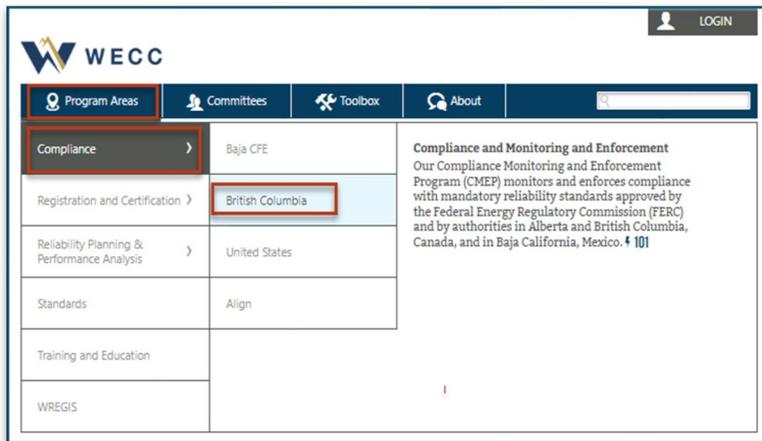
Entity Function Mapping in webCDMS

Approximately 10 minutes

Navigate to webCDMS

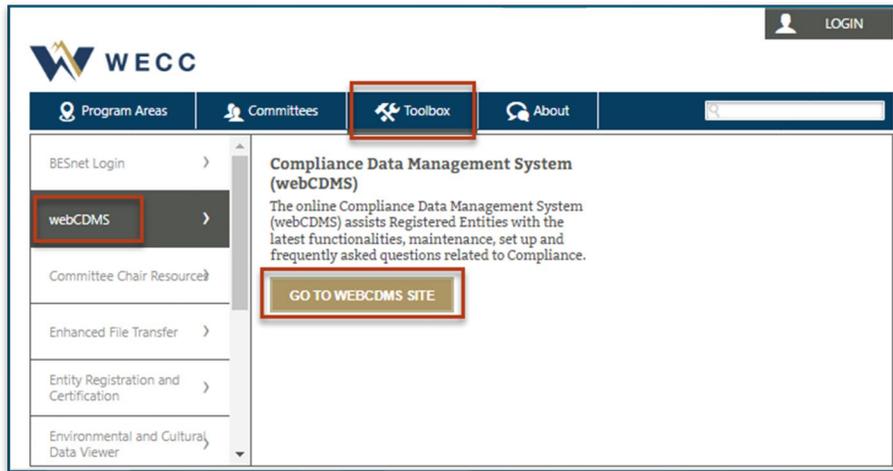
The [WECC website](#) has two convenient ways to access [webCDMS](#)

Option 1. Click **Program Areas**, then click **Compliance**, then **British Columbia**. A button for webCDMS is located under “**Tools**.”



webCDMS Entity Function Mapping Instructions

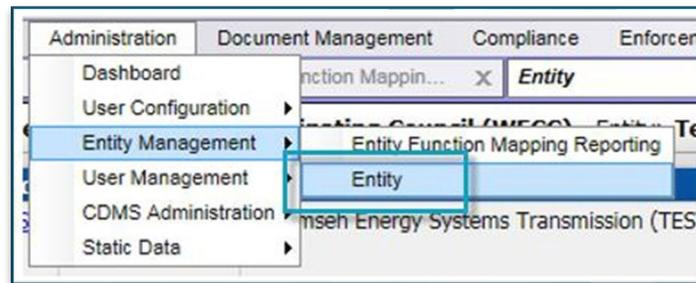
Option 2. Click the **Toolbox**, then click **webCDMS** on the left, then click “Go To webCDMS Site.”



Using webCDMS in Microsoft Edge requires specific browser settings. Refer to the [instructions](#) provided by Microsoft for more information.

Navigate to Entity Function Mapping Tab

Log in to webCDMS and navigate to the **Entity** screen. From the **Administration** menu, select **Entity Management**, then **Entity**.



Next, click on your entity's **Code**.

The screenshot shows the 'Entity' screen in the webCDMS interface. The table below displays the details for the entity 'Smith Power Company (SMITH)'. The 'Code' column is highlighted with a blue box.

Code	Entity	NERC ID	Compliance Jurisdiction	Type	Region	NERC Reliability Functions
SMITH	Smith Power Company (SMITH)	NCR11543	United States (1)	Registered Entity	WECC	Balancing Authority (BA) Distribution Provider (DP) Generator Owner (GO) Generator Operator (GOP) Load Serving Entity (LSE) Reliability Coordinator (RC) Frequency Response Sharing Group (FRSG) Transmission Owner (TO) Transmission Operator (TOP) Transmission Planner (TP)

03/08/2017 09:14:27 MPT Page 1 of 1



webCDMS Entity Function Mapping Instructions

From the main **Entity** screen, scroll down and select the “**Entity Function Mapping**” tab from the menu on the left.

Include in NERC Update:
Active:
*Type: Registered Entity
*Name: Smith Power Company
NERC ID: NCR11543
*Code: SMITH
Regional Code:
*Is Registered?: Yes
Entity Function Mapping
*Address 1: 155 North 200 West
*Address 2: Suite 200
*City: Salt Lake City
*State/Province: Utah
*Compliance Jurisdiction: United States (1)
*Zip/Postal Code: 84103
*Phone: 801 - 582 - 4329
Fax: - -
Decryption Password: (This password is used when sending encrypted files via email)
Preferred Language: English
Entity Profile:

Adding a New Mapping

Note: If you have different entities performing different functions, you must add them separately. The functionality of webCDMS allows for one function to multiple entities and multiple functions to one entity, but if you attempt to map multiple functions to multiple entities at one time, each function selected will be applied to each entity selected.

Select the “**Add Function Mapping**” button.

Entity Function Mapping
No records have been found
Add Function Mapping



webCDMS Entity Function Mapping Instructions

Mapped Functions: Select the function(s) you want to map and use the arrows to move them from the **“Available”** box to the **“Selected”** box.

Mapped To Functions: Select the function(s) you want to map to and use the arrows to move them from the **“Available”** box to the **“Selected”** box.

Mapped To Entity: Select the entity you will map your function(s) to and use the arrow to move it from the **“Available”** box to the **“Selected”** box. Enter any applicable notes and click **“Save.”** Select **“OK”** when asked whether you want to continue.

Entity: Smith Power Company (SMITH)
NERC Defined:
*Mapped Functions:

Available	Selected
Balancing Authority (BA) Distribution Provider (DP) Frequency Response Sharing Group (FRSG) Generator Operator (GOP) Generator Owner (GO) Load Serving Entity (LSE) Reliability Coordinator (RC) Transmission Operator (TOP) Transmission Owner (TO)	

*Mapped To Functions:

Available	Selected

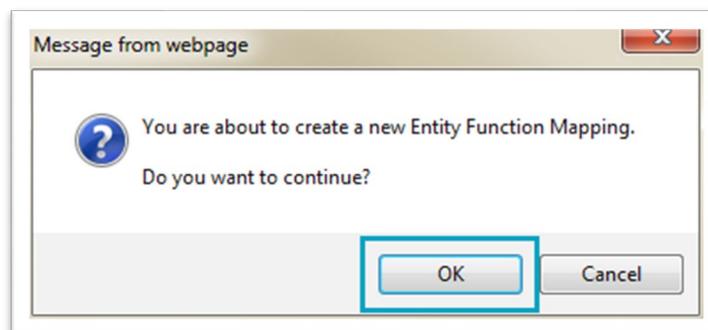
*Mapped To Entity:

Available	Selected

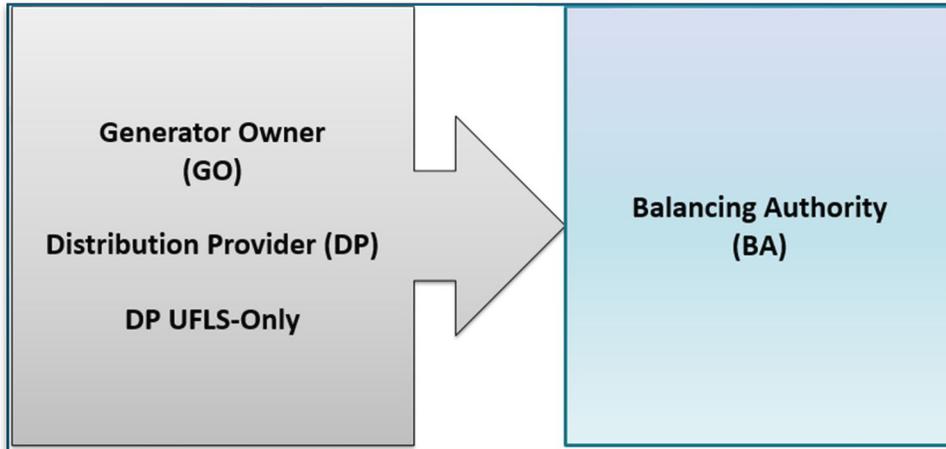
Notes:

Save Audit Trail Close

This example shows how to map the GO and DP functions to the BA.



webCDMS Entity Function Mapping Instructions



Entity: Smith Power Company (SMITH)

NERC Defined:

***Mapped Functions:**

Available	Selected
Balancing Authority (BA)	Distribution Provider (DP)
Frequency Response Sharing Group (FRSG)	Generator Owner (GO)
Generator Operator (GOP)	
Load Serving Entity (LSE)	
Reliability Coordinator (RC)	
Transmission Operator (TOP)	
Transmission Owner (TO)	
Transmission Planner (TP)	

***Mapped To Functions:**

Available	Selected
Planning Authority (PA)	Balancing Authority (BA)
Reliability Coordinator (RC)	
Transmission Operator (TOP)	
Transmission Planner (TP)	

***Mapped To Entity:**

Available	Selected
Puget Sound Energy, Inc. (PSE)	Smith Power Company (SMITH)
Salt River Project Agricultural Improvement	
Seattle City Light (SCL)	
Tecumseh Energy Systems Transmission (T)	
Tucson Electric Power (TEPC)	
Turlock Irrigation District (TID)	
Western Area Power Administration - Deser	
Western Area Power Administration - Rocky	
Western Area Power Administration - Upper	

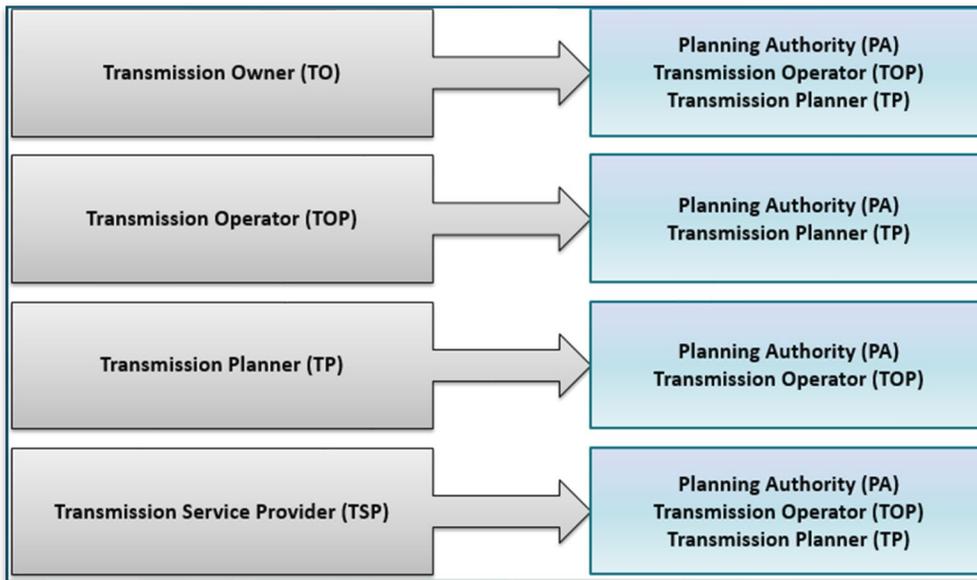
Notes: Enter applicable notes here

Save Audit Trail Close



webCDMS Entity Function Mapping Instructions

This example shows how to map the TO, TOP, TP, and TSP functions to the PA, TOP, and TP.



Entity: Smith Power Company (SMITH)

NERC Defined:

***Mapped Functions:**

Available	Selected
Balancing Authority (BA) Distribution Provider (DP) Distribution Provider UFLS (DPUF) Frequency Response Sharing Group (FRSG) Generator Operator (GOP) Generator Owner (GO) Reliability Coordinator (RC)	Transmission Owner (TO) Transmission Operator (TOP) Transmission Planner (TP) Transmission Service Provider (TSP)

***Mapped To Functions:**

Available	Selected
Balancing Authority (BA) Reliability Coordinator (RC)	Planning Authority (PA) Transmission Operator (TOP) Transmission Planner (TP)

***Mapped To Entity:**

Available	Selected
Portland General Electric Company (PGE) Public Service Company of Colorado (PSCO) Public Service Company of New Mexico (PN) Public Utility District No. 1 of Chelan County Public Utility District No. 2 of Grant County Puget Sound Energy, Inc. (PSE) Sacramento Municipal Utility District (SMUD) Salt River Project Agricultural Improvement Seattle City Light (SCL)	Tecumseh Energy Systems Transmission (TES)

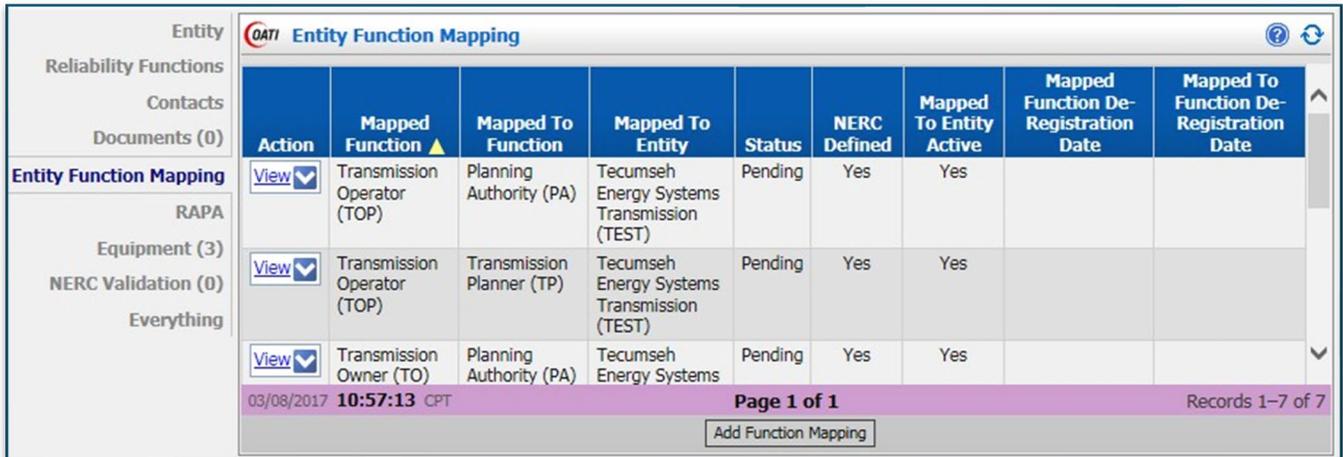
Notes:



webCDMS Entity Function Mapping Instructions

The new mappings will now display on the Entity Function Mapping summary tab with a Pending status. The Mapped to Entity can now view the mapping and will accept or reject the mapping.

Please note that, even if you selected multiple functions or entities during the setup, they would display individually.



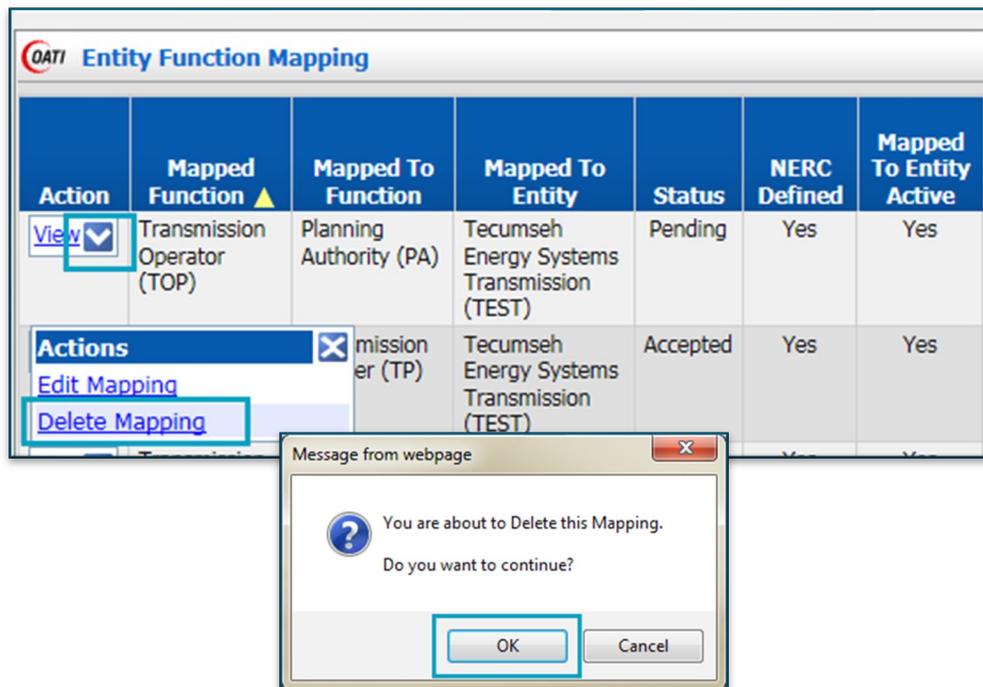
The screenshot shows the 'Entity Function Mapping' tab in the webCDMS interface. The table displays the following data:

Action	Mapped Function	Mapped To Function	Mapped To Entity	Status	NERC Defined	Mapped To Entity Active	Mapped Function De-Registration Date	Mapped To Function De-Registration Date
View	Transmission Operator (TOP)	Planning Authority (PA)	Tecumseh Energy Systems Transmission (TEST)	Pending	Yes	Yes		
View	Transmission Operator (TOP)	Transmission Planner (TP)	Tecumseh Energy Systems Transmission (TEST)	Pending	Yes	Yes		
View	Transmission Owner (TO)	Planning Authority (PA)	Tecumseh Energy Systems	Pending	Yes	Yes		

Page 1 of 1
Records 1-7 of 7
Add Function Mapping

How to Delete a Function Mapping in webCDMS

From the Entity Function Mapping tab on the Entity screen, find the mapping you want to remove and use the drop-down arrow to select "Delete Mapping." Select "OK" when asked whether you want to continue. When the screen refreshes, the mapping will be removed. This can only be done once a mapping has been accepted.



The screenshot shows the 'Entity Function Mapping' table with the 'Delete Mapping' option selected from the dropdown menu for the first row. A confirmation dialog box is displayed with the following text:

Message from webpage

You are about to Delete this Mapping.
Do you want to continue?

OK Cancel



How to Accept or Reject a Function Mapping in webCDMS

If your entity has been mapped to, you will need to accept or reject the mapping. Follow the steps above to navigate to the Entity Function Mapping tab on the Entity screen. Find the mapping you want to accept or reject and use the drop-down arrow to make your selection. Select “OK” to confirm your selection.

Entity		Entity Function Mapping						
Reliability Functions		Action	Mapped Function ▲	Mapped To Function	Mapped To Entity	Status	NERC Defined	Mapped To Entity Active
Contacts		View	Transmission Planner (TP)	Reliability Coordinator (RC)	Peak Reliability (PEAK)	Pending	Yes	Yes
Documents (0)								
Entity Function Mapping								
RAPA								
Equipment (5)								
NERC Validation (0)								
Everything								
		Actions		Transmission Operator	Smith Power Company (SMITH)	Pending	Yes	Yes
		View Mapping		Transmission Operator	Smith Power	Accepted	Yes	Yes
		Accept		Transmission Operator	Smith Power	Accepted	Yes	Yes
		Reject		Transmission Operator	Smith Power	Accepted	Yes	Yes