

SDG&E Interconnection Map

Instructions to access the map

The following instructions is how to Log in and navigate on the Interconnection Map. Some of the functionalities or downloads will not be available in both maps. The Log in information is the same for both map links.

1. Click on the links below to see the log-in screen.

URL 1: Link to the Renewable Auction Mechanism (RAM) program map¹.

<https://sempra.maps.arcgis.com/apps/webappviewer/index.html?id=8b11127abc7a47169de07eb77c2657c9>

URL 2: Link to the Enhanced ICA Interconnection Map². It displays the available capacity on the distribution system down to the section or node level, along with information of load data.

<https://energydatarequest.socalgas.com/ICM/>

2. Enter your **Username** and **Password** given in the email and click on **Sign-In**.

ICM_T002 test wants to access your ArcGIS Online account information

Sign in to San Diego Gas & Electric

esri

ICM_T002 test developed by:

SDGE

San Diego Gas & Electric

Username

Password

☐ Keep me signed in

SIGN IN CANCEL

Forgot password? Forgot username?

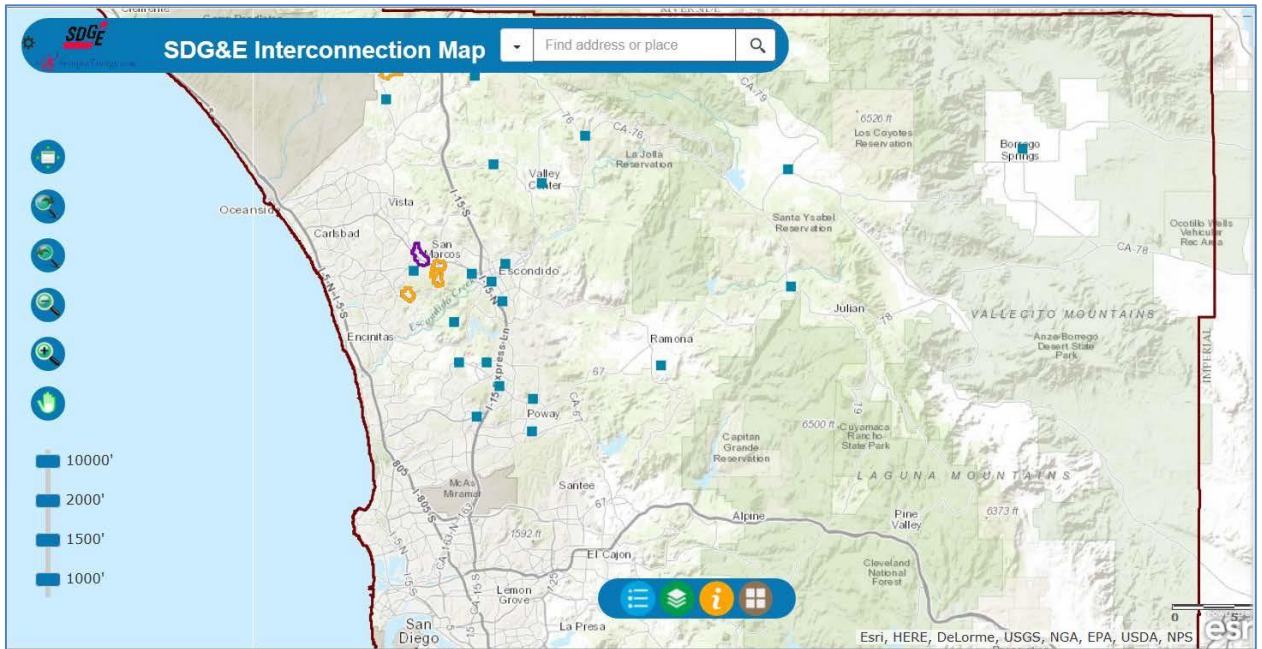
Click on Sign In

Enter your username and password

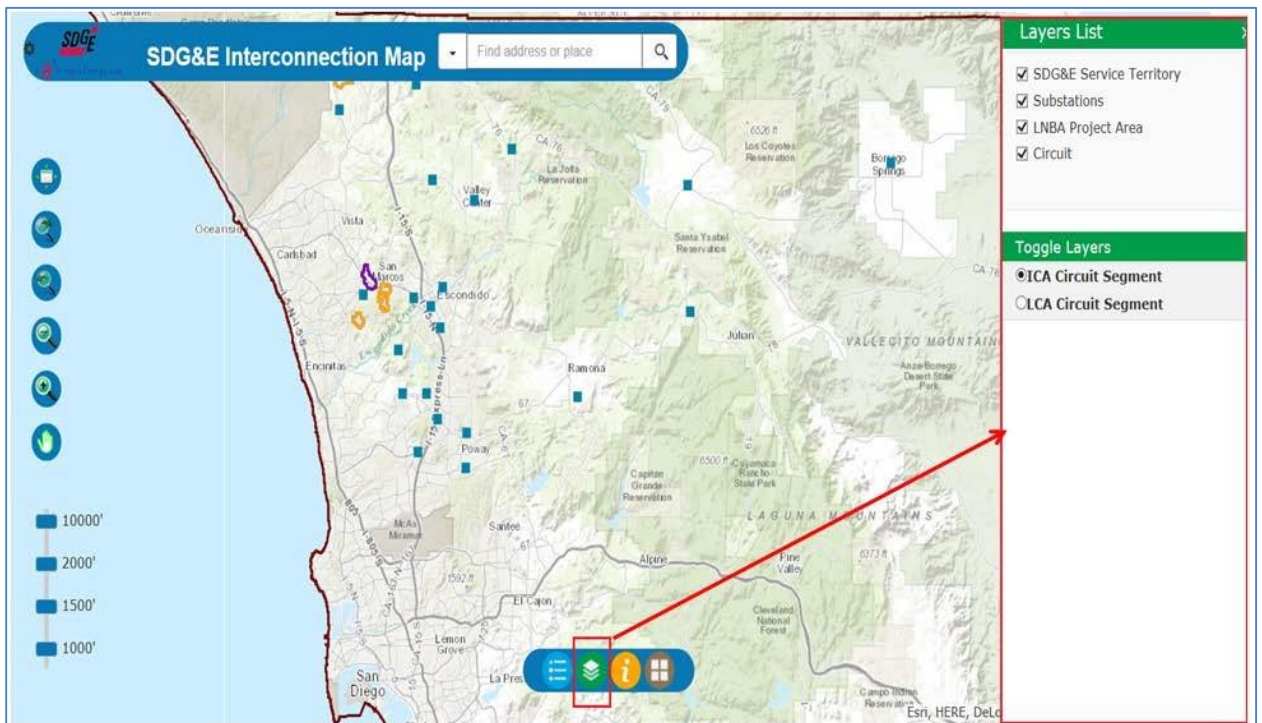
¹ If the area you are looking for is not here, got to the Enhanced ICA Map

² Not all the service territory is available. If the area you are looking for is not here, got to the RAM map, until the analysis of the system is complete.

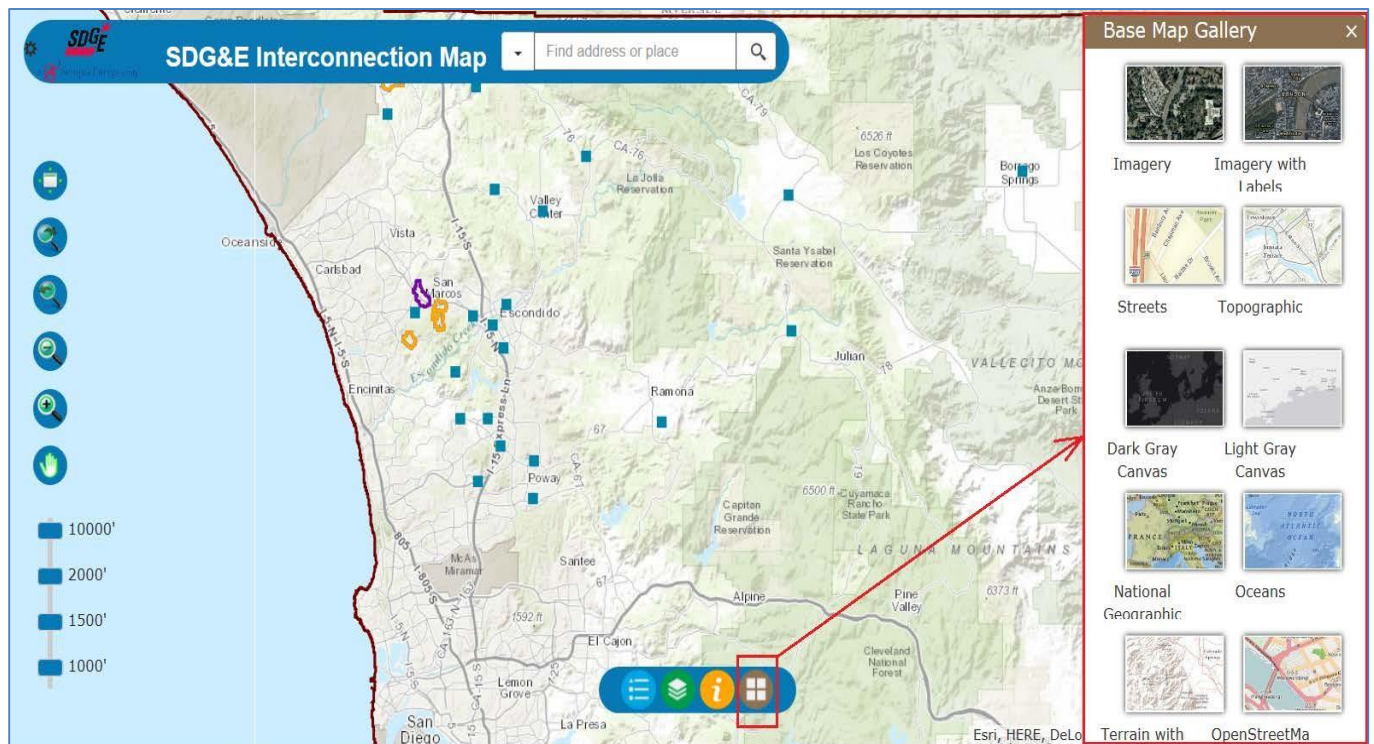
3. Once you have logged in, you will see the following screen.



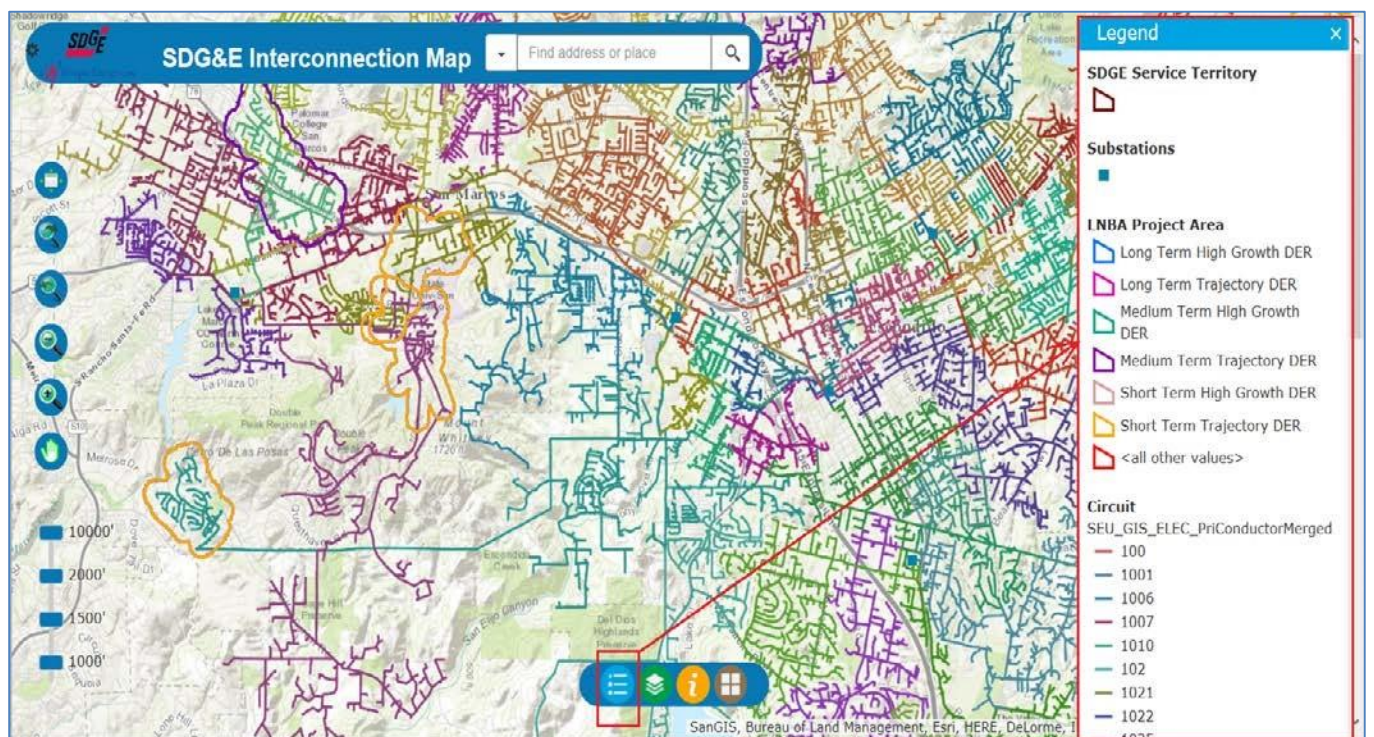
4. For display on/off layers, click on below command.



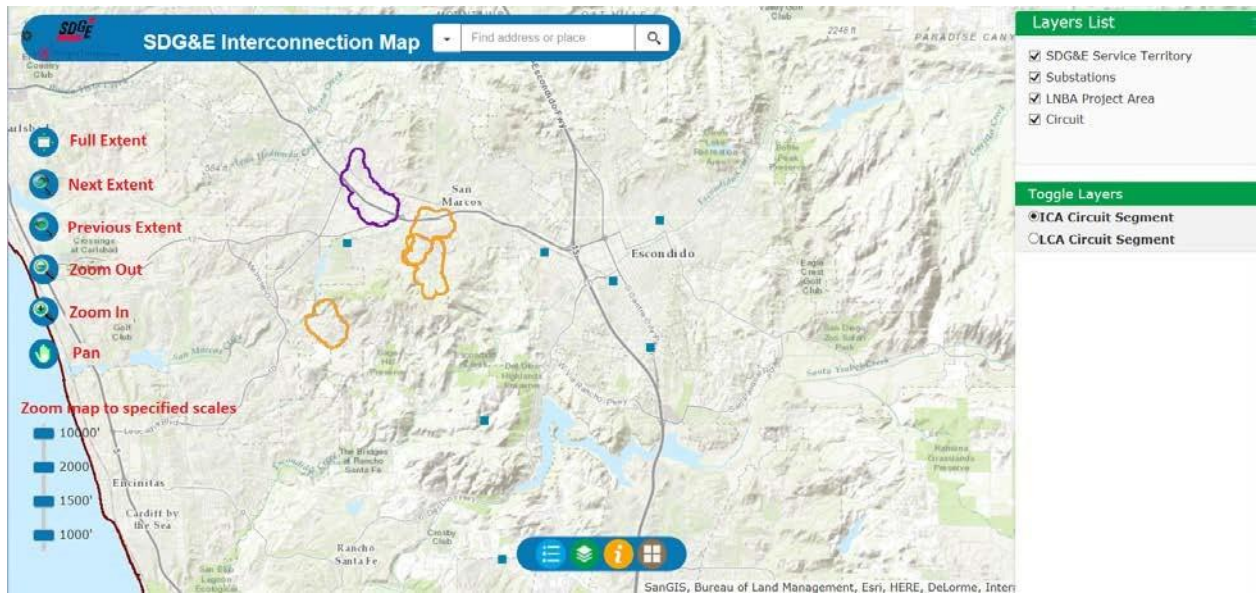
5. For select different base maps, click on below command.



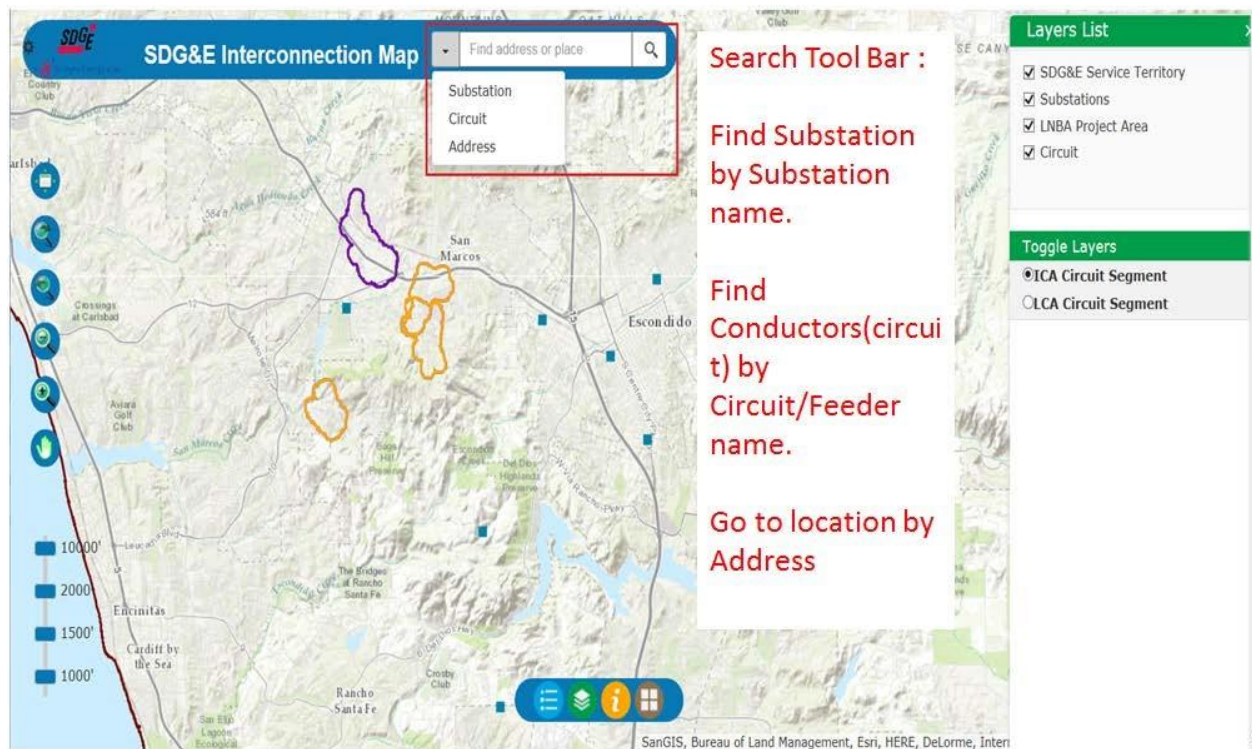
6. For Legend map layers, click on below command.



7. Following are the Map navigation commands.



8. Search Tool bar:



9. Find substation in a map using search tool bar.

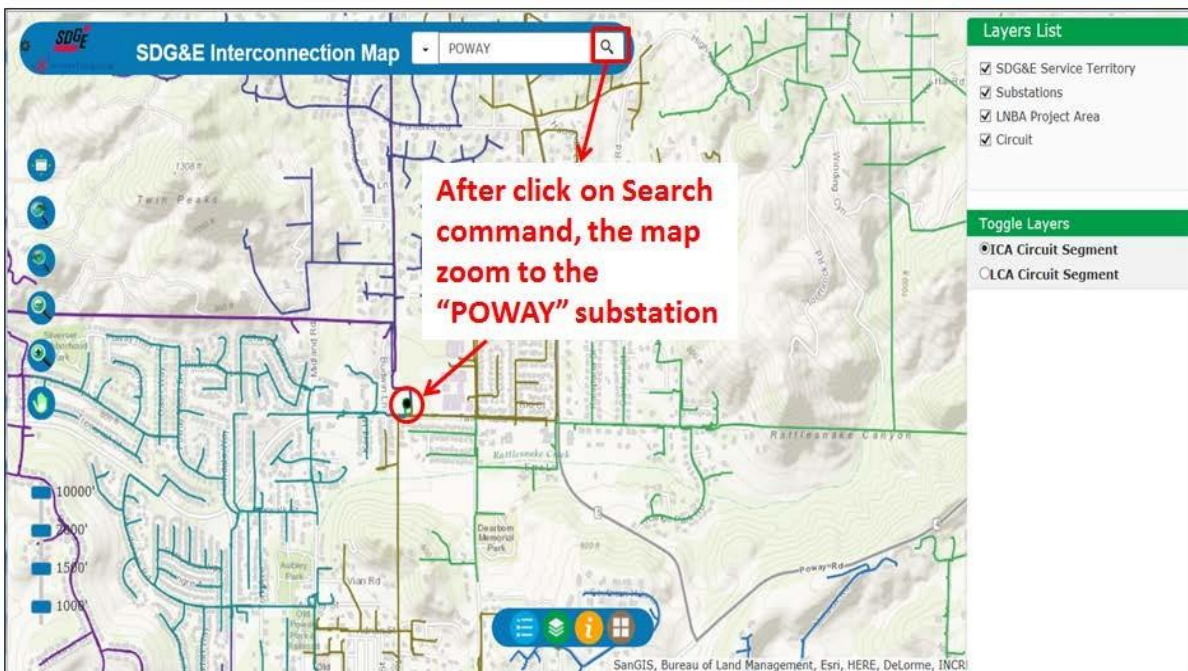
Step 1



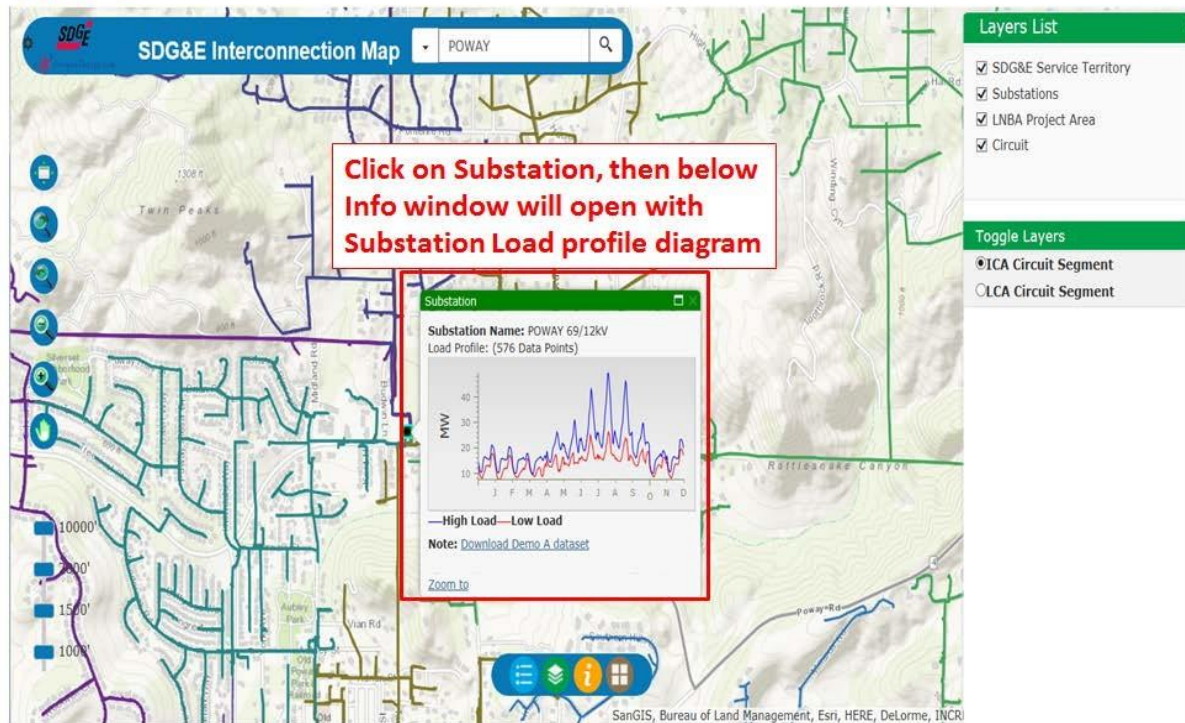
Step 2



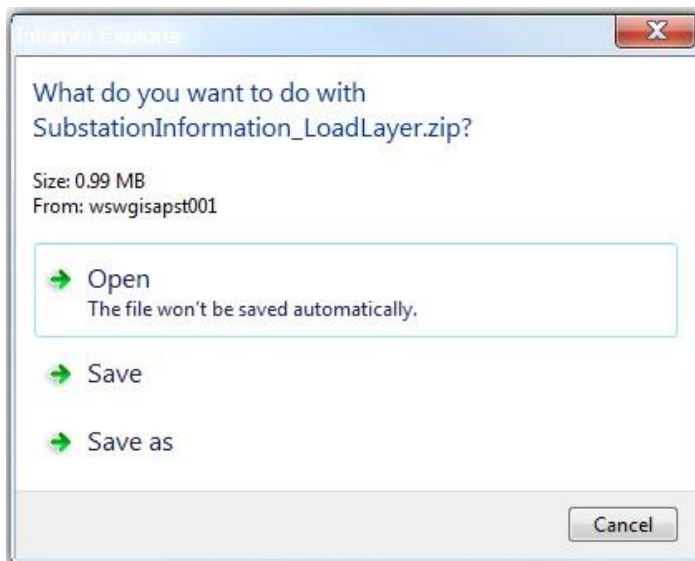
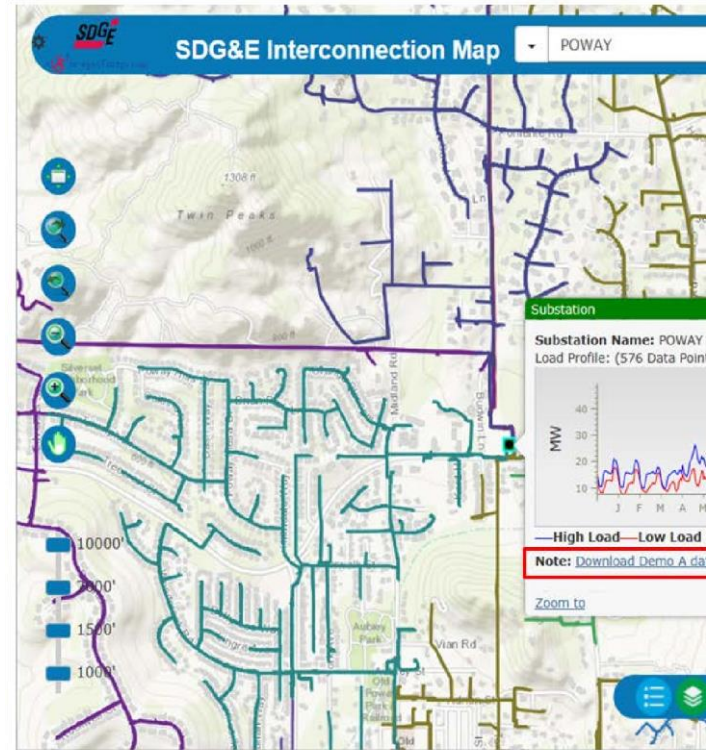
Step 3



Step 4



Step 5 : Click on “download demo A data set” in the Info window for download the Substation data files.



Step 6 : Below window will be open to save the downloadable files(.zip) in your local system, after Click on “download demo A data set” in the Info window.

10. For Circuit data, repeat all steps defined in the point 9.

Enter Circuit/Feeder name to zoom/highlight the circuit in the map

Click on Circuit feature to display Info window

Click on "Download Demo A Dataset" for download Circuit Information data files(.zip).

Layers List

- ☒ SDG&E Service Territory
- ☒ Substations
- ☒ LNBA Project Area
- ☒ Circuit

Toggle Layers

- ☒ ICA Circuit Segment
- ☐ LCA Circuit Segment

Circuit Info Window (475):

Circuit Name	475
Voltage (KV)	12
Residential Customer(%)	97
Commercial Customer (%)	3
Industrial Customer (%)	0
Agriculture Customer (%)	0
Existing Generation (MW)	1.73
Queued Generation (MW)	0.03
Total Generation (MW)	1.76
Load Profile: (576 Data Points)	

Load Profile Graph: MW vs. Month (J F M A M J J A S O N D). High Load—Low Load.

Note: Download Demo A dataset

Zoom to:

SanGIS, Bureau of Land Management, Esri, HERE, DeLorme, INCREMENT P, Inc.

11. – ICA and LCA Pop-up window of the line section.

SDG&E Interconnection Map

Find address or place

Layers List

- ☒ SDG&E Service Territory
- ☒ Substations
- ☒ LNBA Project Area
- ☒ Circuit

ICA/LCA - Toggle Layers

- ☒ ICA Circuit Segment
- ☐ LCA Circuit Segment

LNBA - Toggle Layers

- ☒ Short Term Trajectory DER
- ☒ Short Term High Growth DER
- ☒ Medium Term Trajectory DER
- ☒ Medium Term High Growth DER
- ☒ Long Term Trajectory DER
- ☒ Long Term High Growth DER

ICA : Circuit Segment Pop-up

Circuit Name	596
Voltage (KV)	12
Line Segment Number	160160
Integration Capacity, Uniform Generation (MW)	0
Integration Capacity, Uniform Load (MW)	0
Integration Capacity, PV Generation (MW)	0

Note: Generation ICA assumes short circuit duty characteristics of inverter-based technology. Values presented reflect the 2-year growth scenario (utility planning), with no reverse power flow. Uniform Generation and Uniform Load reflects the lowest hour value for the year. PV Generation reflects the available value of generation at 12 noon. For hour by hour values download the complete Demo A data set.

Note: [Download Demo A dataset](#) [General Information \(TRANSLATOR\)](#)

Zoom to:

10000'
2000'
1500'
1000'

SanGIS, Bureau of Land Management, Esri, HERE, DeLorme, INCREMENT P, Inc.
