

NERC

NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION

Solar Portal – Getting Started

GADS Solar Training - Module 2

May 2024

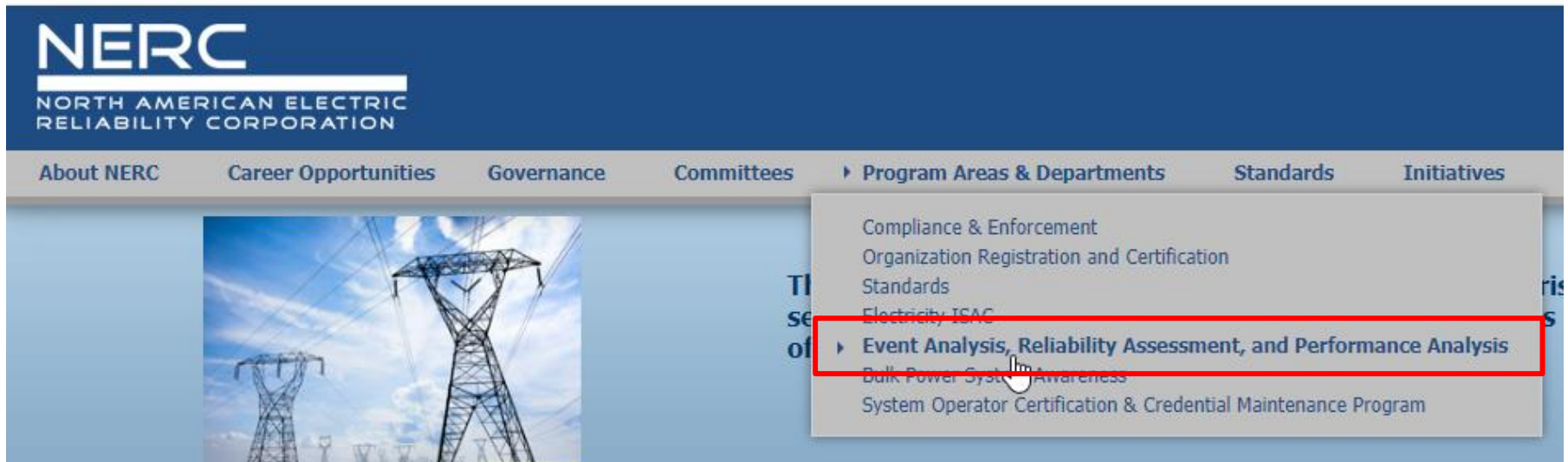
RELIABILITY | RESILIENCE | SECURITY



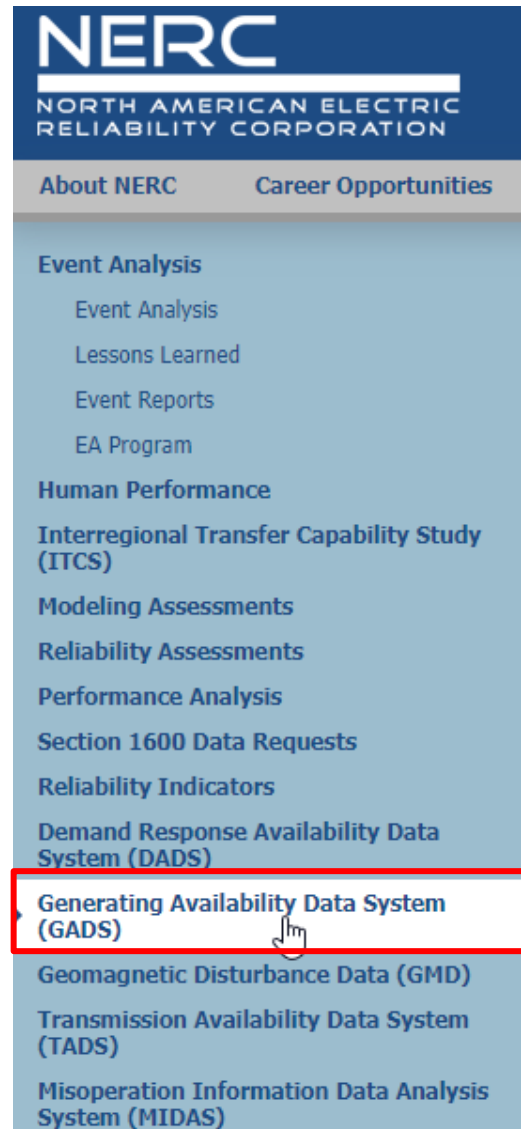
- Where to login
- Select cert
- General navigation
 - Menus
 - Clicking a 'link' takes you to the detail page
 - View will be different based on your role and what applications you have access to
 - Filter functionality
 - New button and how it works when you need to select a single entity
 - Exports

- All graphics (screen shots) in this presentation are courtesy of Open Access Technology International (OATI), Inc.

- Navigate to NERC.com
- Hover over **Program Areas and Departments** in the top ribbon
- Select **Event Analysis, Reliability Assessment, and Performance Analysis** from the dropdown menu





- Select **Generating Availability Data System** from the left menu



- Select **GADS Solar Data Reporting Instructions**

	GADS Wind	GADS Solar
ts to webE-	GADS Wind reports to GADS Wind application	Application under development
;	GADS Wind Turbine Data Reporting Instructions	GADS Solar Data Reporting Instructions
;	GADS Wind Application Update	Training
Brochures	GADS Wind Frequently Asked Questions	

- Select the Solar_Workbook template from the page

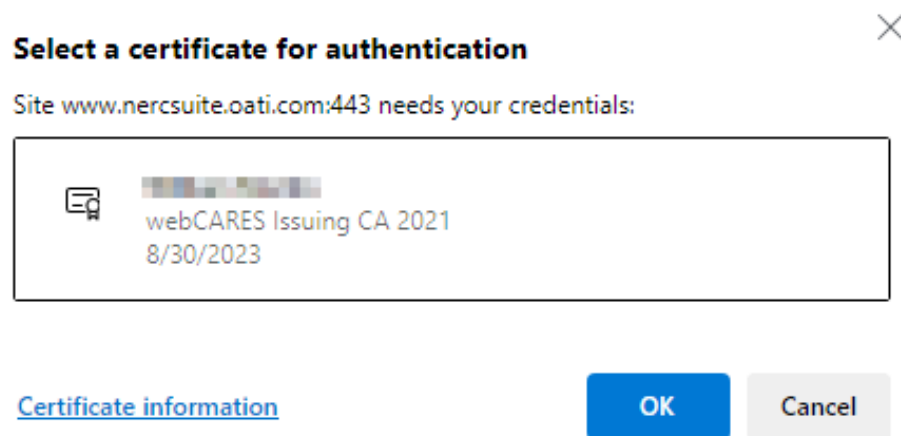
Data Reporting Instructions		
Type	Title	Date
[-] GADS Solar Data Reporting Instructions (2)		
	2024 GADS Solar Data Reporting Instructions	1/1/2024
	Solar Workbook	

- **Changing any data formatting in the Excel design data file will result in XML file errors. Do not change the formats.**
- **Data entry starts in the row with light blue shading just below the column headers. Skipping this row will result in NERC ID, region errors, etc. See picture on next slide for location.**
- **All data fields are required unless noted**

- Be sure to start your data in the light blue row!
- Tabbing past the last column of mapped data starts a new row

	A	B	C	D	F	H	I	J	K	L	M
1	Plant Event										
2	Plant ID	Event ID	Zone	Start Date/Time	End Date/Time	Event Type	Primary Cause Code	Additional Cause Code	Contributing Operating Condition	Description	MWH Loss
3											
4	Enter your assigned										
5											

- Digital certificates from OATI are required to access the Solar application
- Digital certification ensure the data exchanged between your browser and OATI is encrypted and confidential
- If you company does not have an OATI webCARES account, have your Security Officer (typically someone in IT) contact OATI support (support@oati.net) or (703) 761-2020
- NERC has authorized OATI to provide two digital certificates to each entity at no cost to the entity; additional certificates are available for purchase from OATI
- Certificates are installed on the user's computer. Select your Cert when accessing the portal and click 'OK'
- Complete the [NERC OATI webPortal User Registration Form](#) and send to gadssolar@nerc.net
 - Emails with your user login and a temporary password will be sent, confirming your registration



<https://www.oatihub.oati.com/Hub/login>

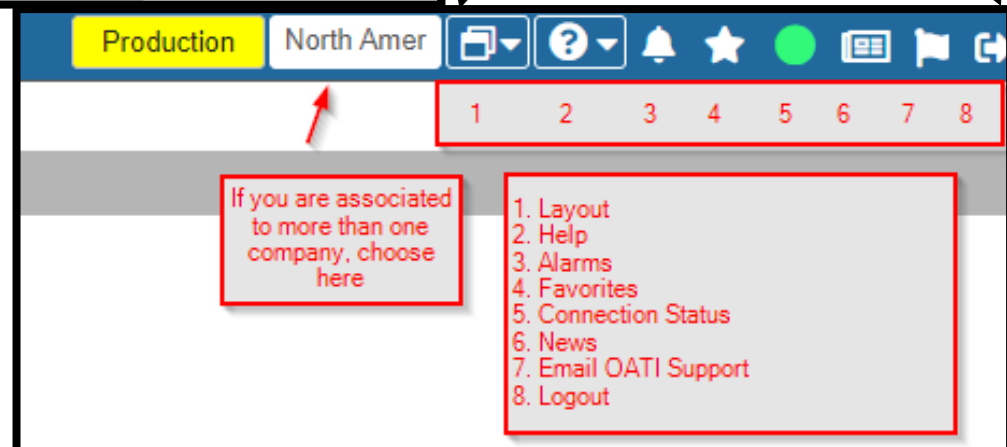
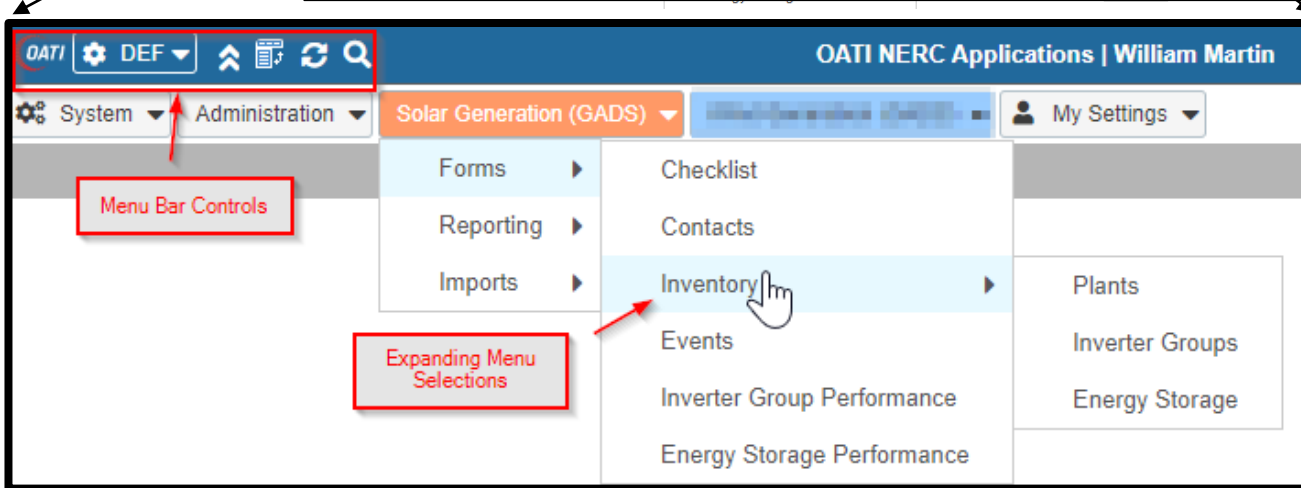
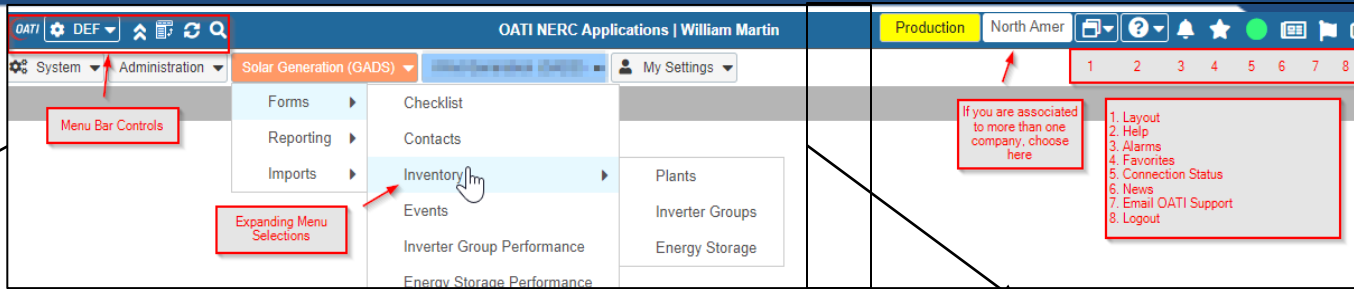
The screenshot displays the OATI Hub interface. On the left is a login sidebar with the OATI HUB logo, the tagline "Your New Home for Everything OATI", a username field (user@company.com), a password field, a "Remember Username" checkbox, and a "LOGIN" button. Below the login fields are links for "FORGOT USERNAME" and "FORGOT PASSWORD".

The main dashboard area includes a navigation bar with "Messaging", "System", "My Settings", "QA Hub Environment", and "webSupport". A yellow banner at the top right indicates "OATI HUB™ PRODUCTION". The dashboard content is organized into several sections:

- Ticket Summary:** Shows counts for Critical (0), High (0), Medium (0), and Low (0) tickets. It also displays "0 New Tickets Since Yesterday" and "0 Tickets Closed Since Yesterday".
- Application Access:** Shows "3 Available" and "0 Unavailable" applications. Below this, it lists "Available Applications" with cards for "webSmartOASIS PROD", "webSmartTag PROD", "webSupport PROD", and "NERC Applications PROD". The "NERC Applications PROD" card is highlighted with a red box and shows "Last Opened: 11 days ago".
- Calendar:** A calendar for June 2024. A red box highlights the dates 19, 20, 21, 22, 23, 26, 27, 28, 29, and 30, with an arrow pointing to the "NERC Applications PROD" card.
- Help Videos:** A section with video thumbnails for "Calendar Function", "Application Access Panel", and "WebSupport Issues Module".

A large red box on the right side of the image provides a zoomed-in view of the "NERC Applications PROD" card, showing the OATI HUB logo, the application name "NERC Applications PROD", and the status "Last Opened: 11 days ago".

At the bottom left, the timestamp "06/03/2024 10:05 CST" is visible. At the bottom center, the footer text reads "©1996-2024 OATI HUB™ - Open Access Technology International, Inc. A".



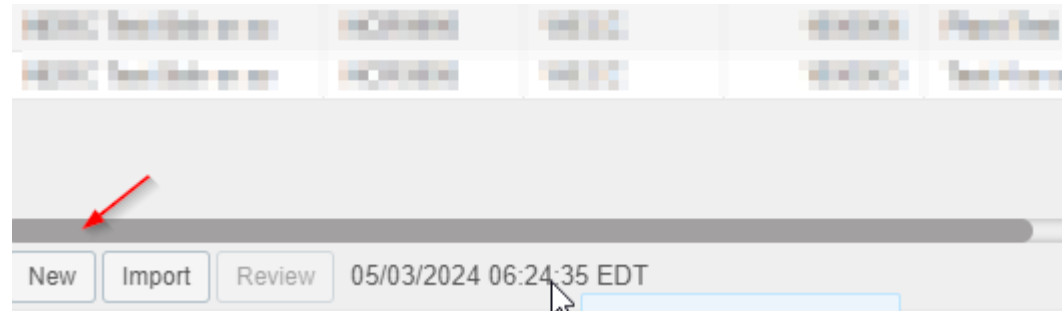
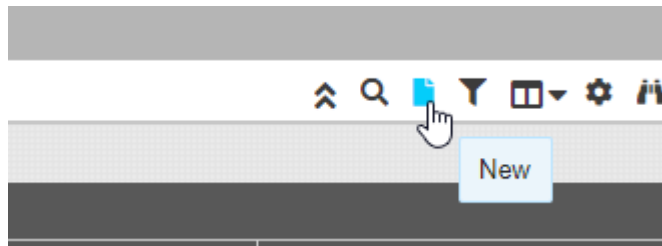
- Filter the display

The screenshot shows a web application interface for "Solar Plants". At the top, there is a "Plants Summary" header and a search bar. Below the header, a filter bar indicates "Filtered By: Company: Susans Solar Farm (NCR65497 | NCR65497 | SERC)". A table with columns for Company Name, NERC ID, Region, Plant ID, Plant Name, EIA Code, Connected Energy Storage, and Country is displayed. The table content is empty, showing "No Records Have". To the right, a "Filtering Options" panel is open, showing dropdown menus for Company, NERC ID, Region, Name, EIA Code, ISO Resource ID, Country, State/Province, and Ownership Status. Annotations with red boxes and arrows point to the filter bar, the table, and the "Save filtering selections" button in the Filtering Options panel.

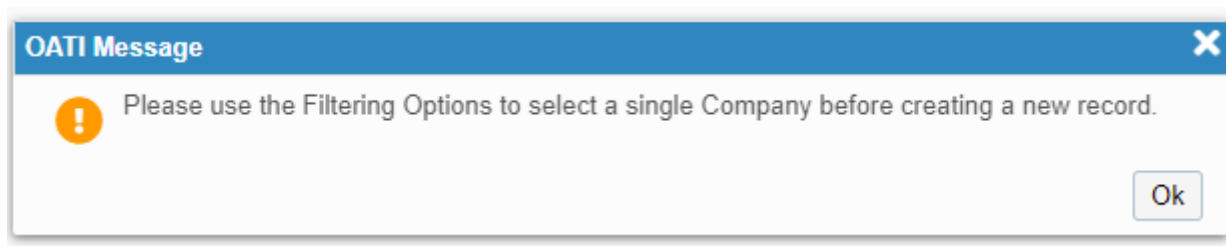
Applied Filters on current view

Companies you are associated with will be selectable

Save filtering selections



When creating a new Plant, Inverter Group, Event, etc., you must choose a single parent object for association



By design, multiple filter selections can result in multiple results. Click the blue underlined item of interest for detail

Filtered By: Company: NERC 3 Test (NCR99997 | NERC 3 Test),Susans Sol...

Company			General Information			
Company Name	NERC ID	Region	Plant ID	Plant Name	Connected Energy Storage	
NERC 3 Test	NCR99997	OTHER	1000002	Test 5	555	Yes
			1000001	test2Plant	1822	Yes

Note: A red box labeled 'Click for Detail' points to the 'Test 5' link. Red arrows also point to the 'test2Plant' link.

'Tabs', like an Internet browser are retained as you navigate

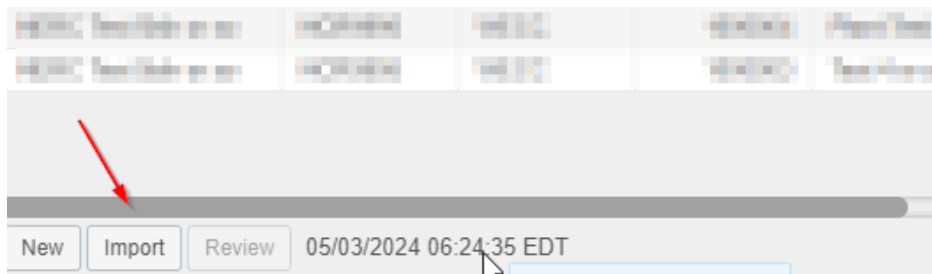
Solar Generation (GADS) My Settings

Solar Plants Solar Plants Entry Inverter Groups Inverter Groups E...

Inverter Groups

Entity NERC ID: NCR99989 Data Reporter Name:

Note: A red box labeled 'Similar to Internet browser tabs' points to the active 'Inverter Groups E...' tab.



On many screens, the 'Import' button appears at the bottom left.

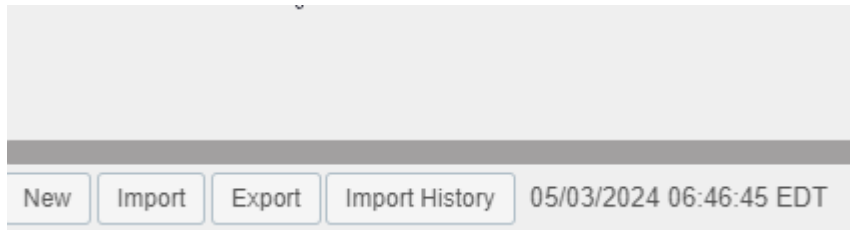
Solar Plants Import

A screenshot of the 'Solar Plants Import' form. It includes the following elements:

- Upload Options: Update, Append
- File Type: XML
- Upload File: * [text input field] [Choose File... button]
- [Submit button]

Update = There is information in my file that has previously been entered into the system that I am updating.

Append = This information is new



Export = Export the information on the screen in XML format. You can then load this information into the Excel template

Solar Event Import

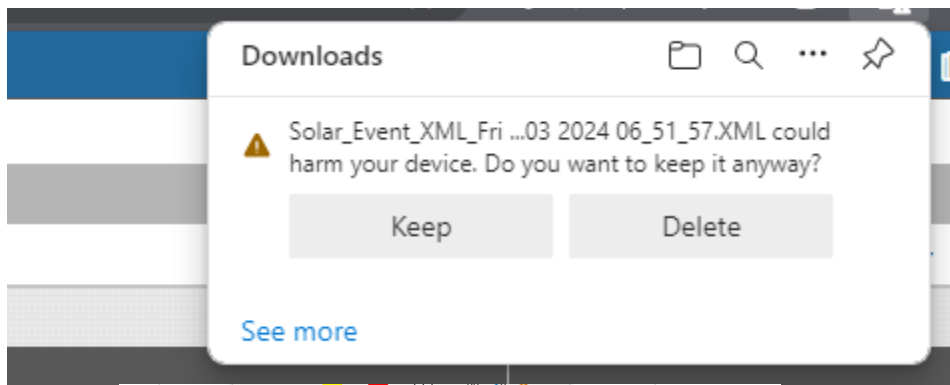
A screenshot of the 'Solar Event Import' form. It contains the following fields and options:

- Reporting Period: * 2024 (01/01/2024 - 12/31/2024) (dropdown menu)
- Upload Options: Update, Append, Full Replace
- File Type: XML
- Upload File: * (text input field) with a 'Choose File...' button
- Submit button

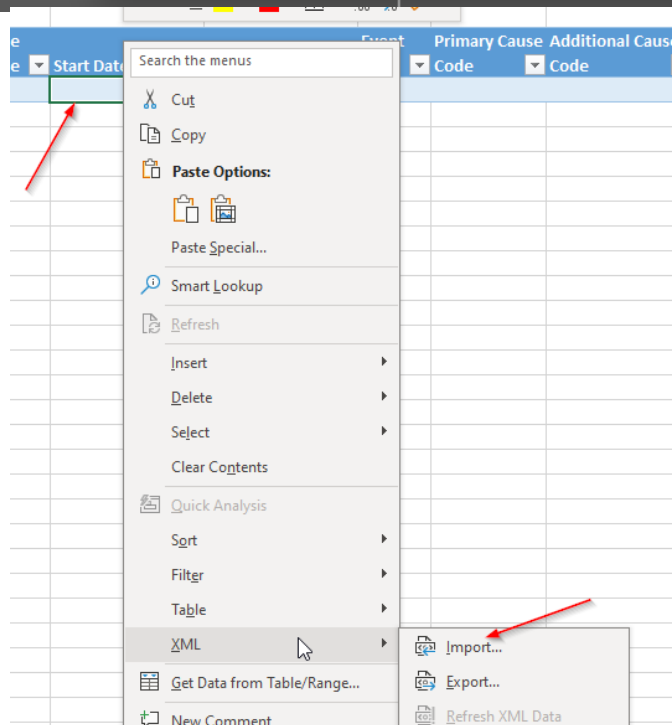
Update = There is information in my file that has previously been entered into the system that I am updating.

Append = This information is new

Full Replace = Remove everything for the reporting period and start over. ***We recommend you consult with NERC before doing this***



Edge and Chrome are cautious with XML files...choose 'Keep'



Import the data back into the Excel Template. Right click on any data row, choose XML, then Import



Questions and Answers

gadssolar@nerc.net