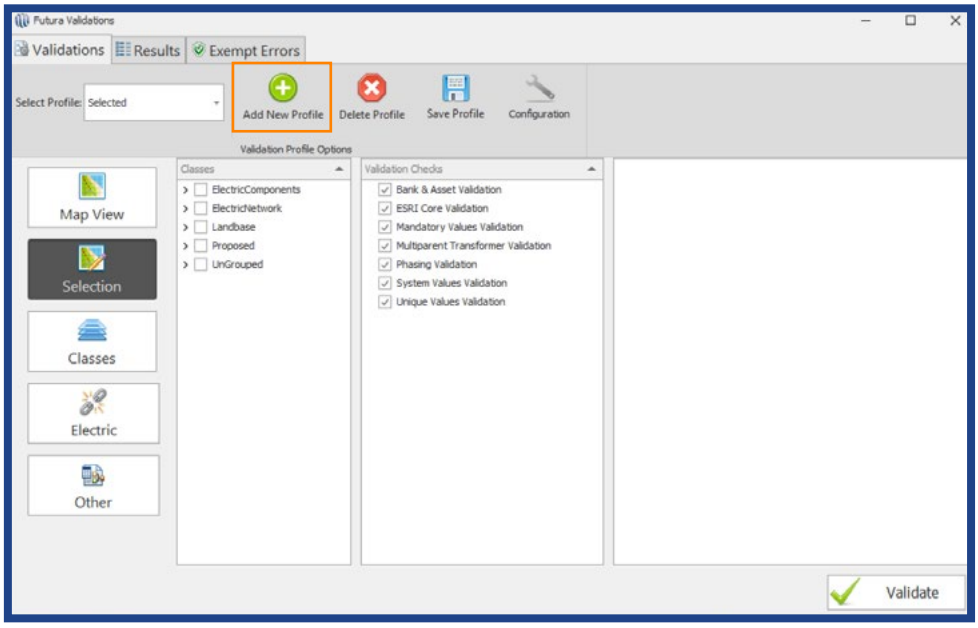
VALIDATION STANDARD PROFILES

FUTURA

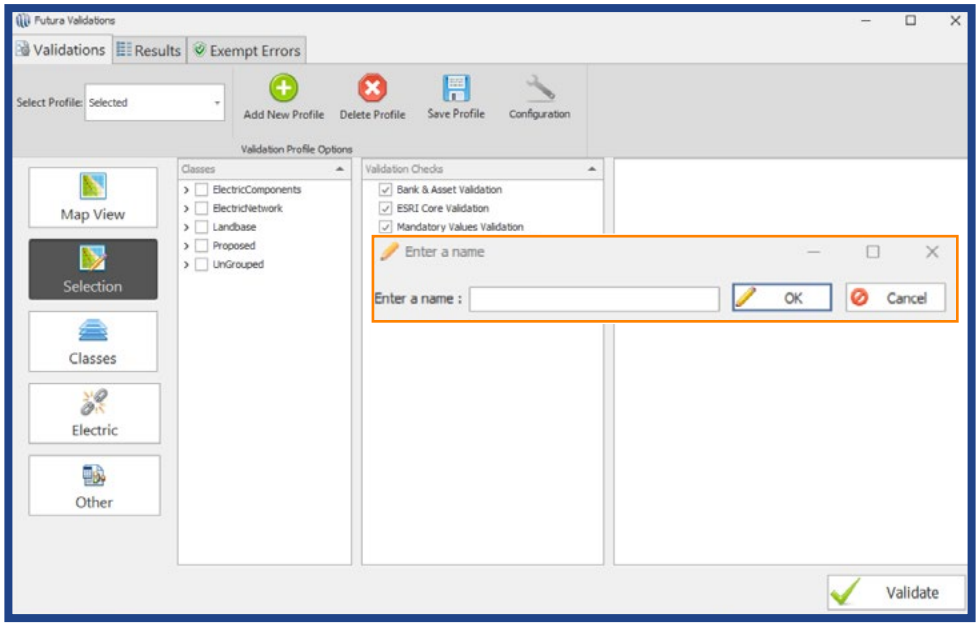
Table of Contents

SETTING UP PROFILES

To add a profile, click Add New Profile.



Designate a name for the profile, then click OK.

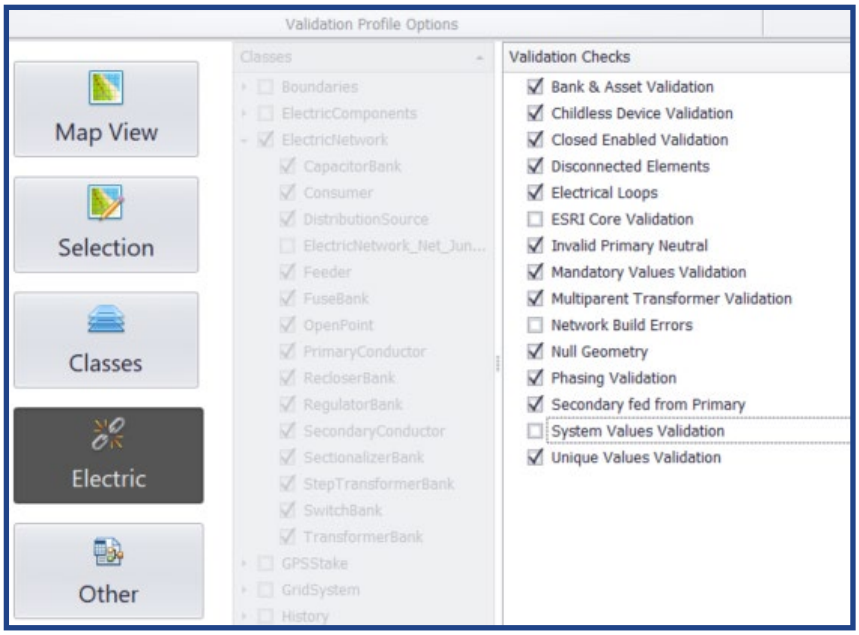


The following are the suggested profile names and settings:

Network Connectivity (if applicable)
ElectricOther
Non-Electric
Tables
Other
Selected

Network Connectivity

The Network Connectivity profile checks the Geometric Network. If this profile does not exist, set up the validation checks shown below. Then schedule this profile to run nightly on the server using Server Utility.

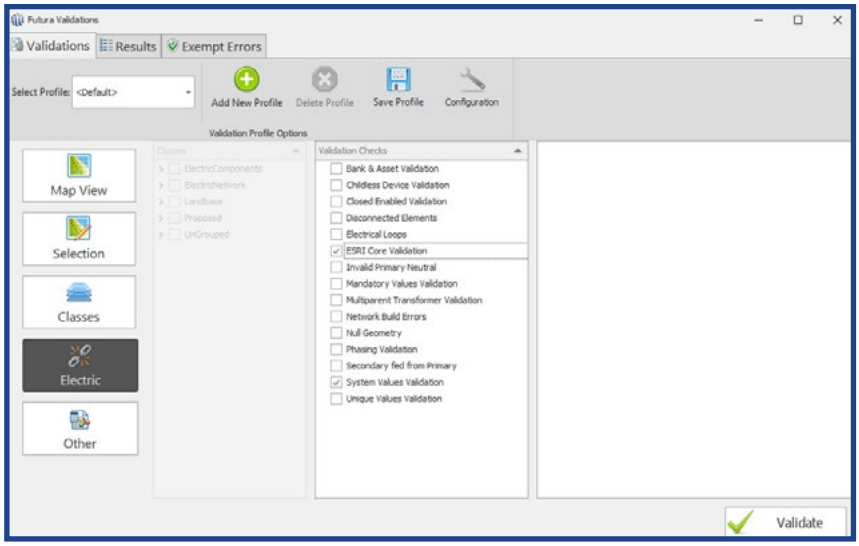


For more information on how to view the results of the nightly validation task see:
Latest Validation Checks

The following profiles should be set up and run from the map at least once a month. To keep the data clean as you go, run the MapView or Selection profile after editing or posting a job.

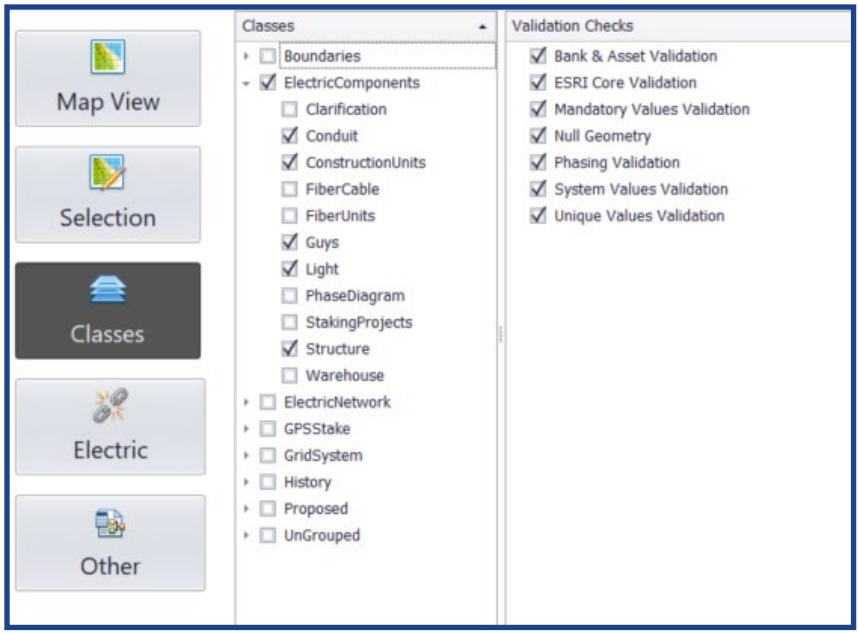
ElectricOther

On the Electric tab, select the Validation checks named ESRI Core Validation and System Values.

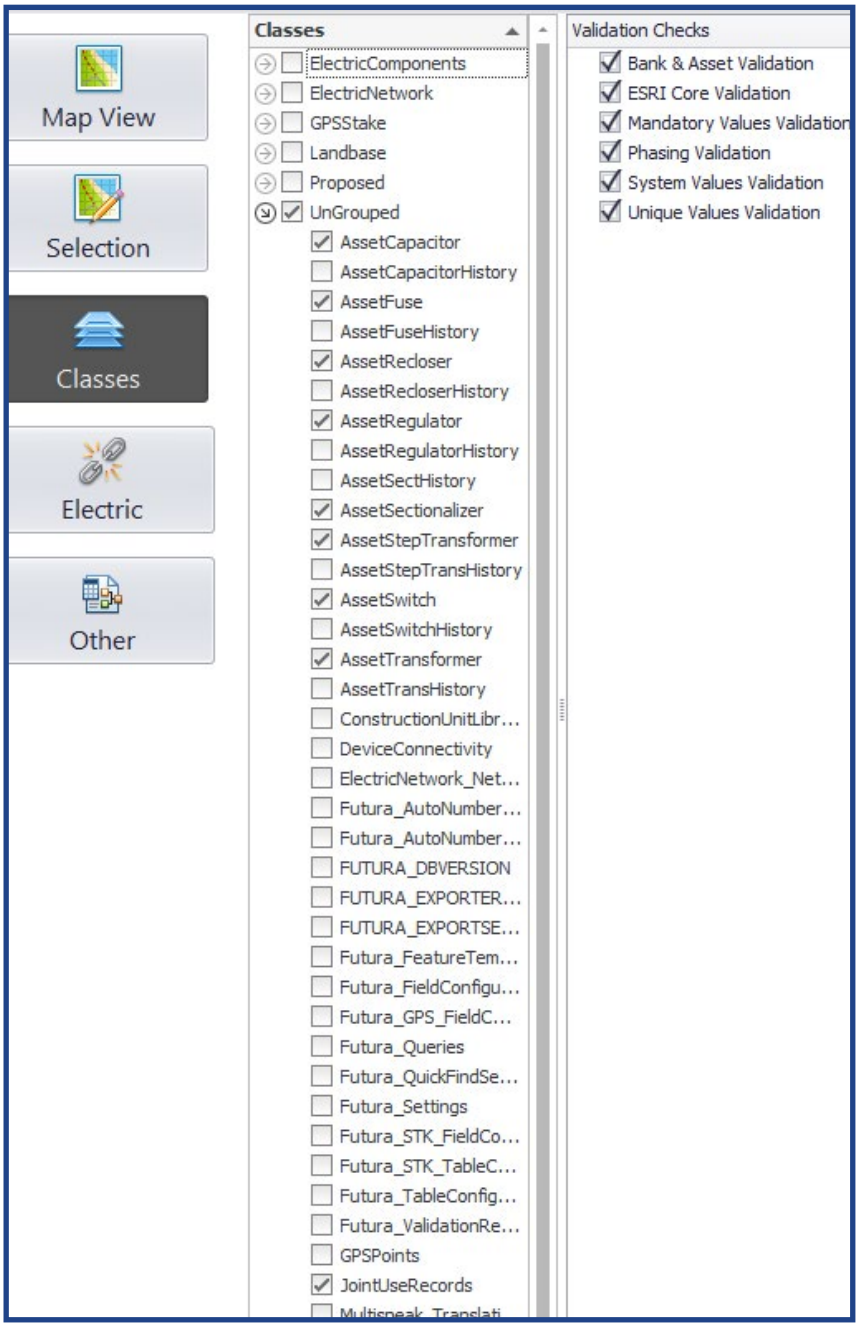


Non-Electric

On the Classes tab, under ElectricComponents, select the Structures and Light classes, then select all validation checks.

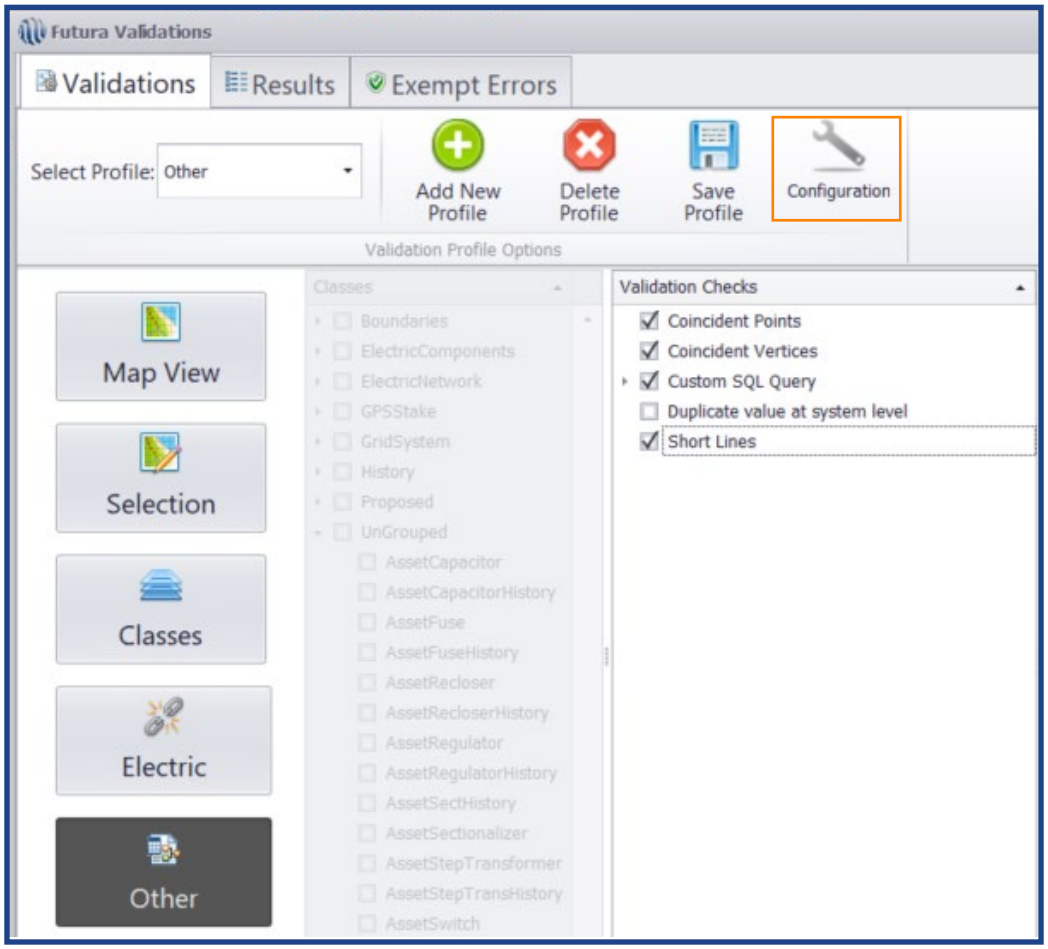


Select the UnGrouped class. Select all classes that begin with Asset but do not include history (i.e. select AssetCapacitor but not AssetCapacitorHistory). Also, select JointUseRecords and Treatment (if applicable), then select all validation checks.



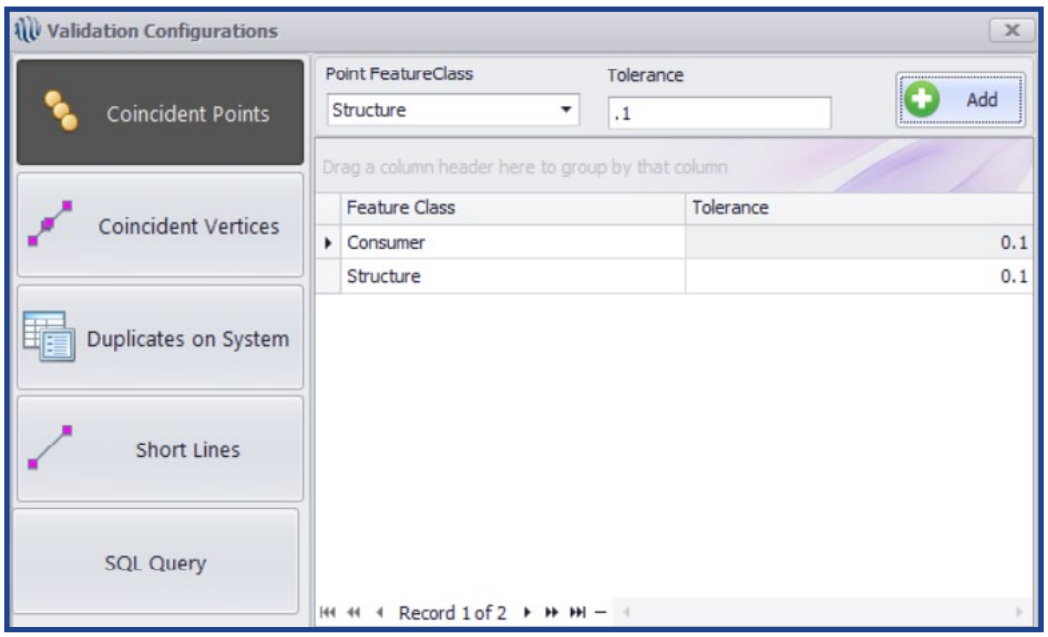
Other

You must set several configurations before you set up the Other tab. To access these, click the Other tab and choose Configuration from the top banner.



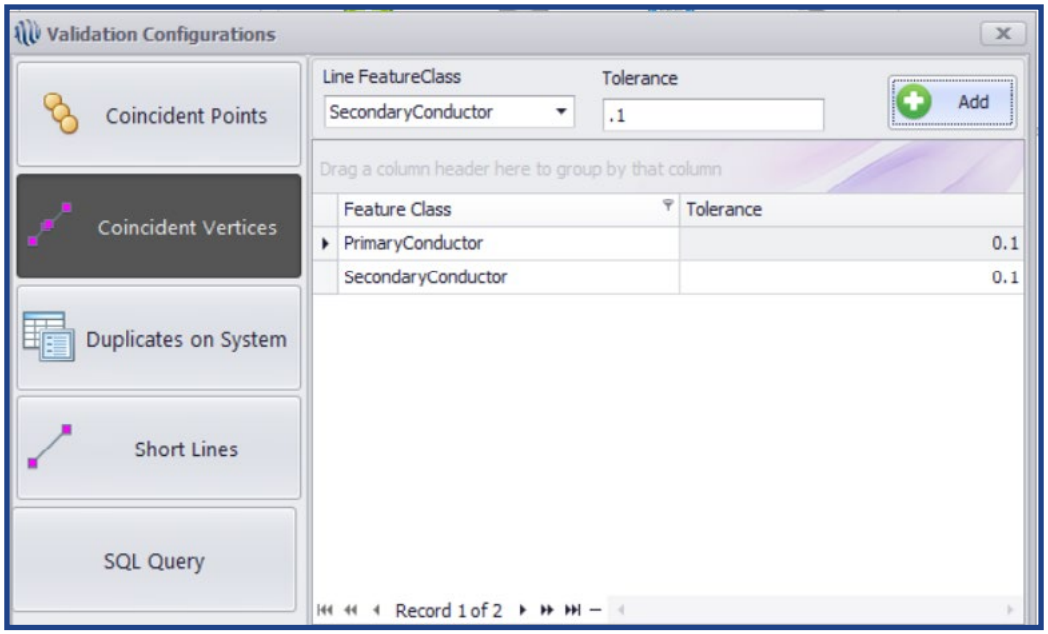
Coincident Point

On the Coincident Points tab, configure Consumer and Structure with 0.1 ft tolerance.



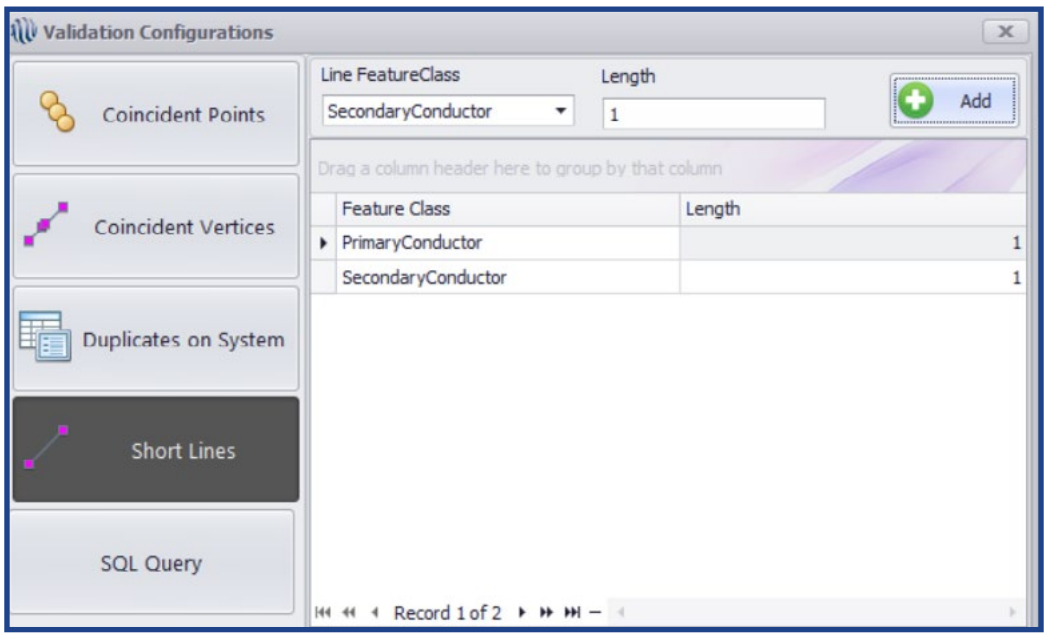
Coincident Vertices

On the Coincident Vertices tab, configure PrimaryConductor and SecondaryConductor with 0.1 ft tolerance. (UG lines will be exempted)

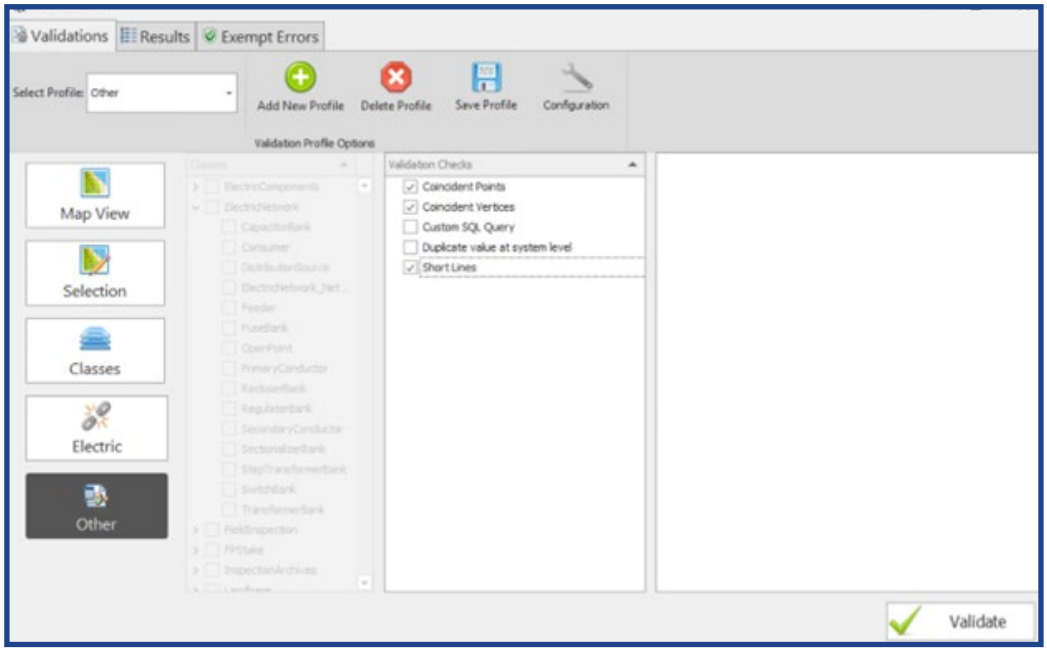


Short Lines

On the Short Lines tab, configure PrimaryConductor and SecondaryConductor to 1 ft.



After configurations have been set, select all validation checks except Custom SQL Query and Duplicate value at system level.

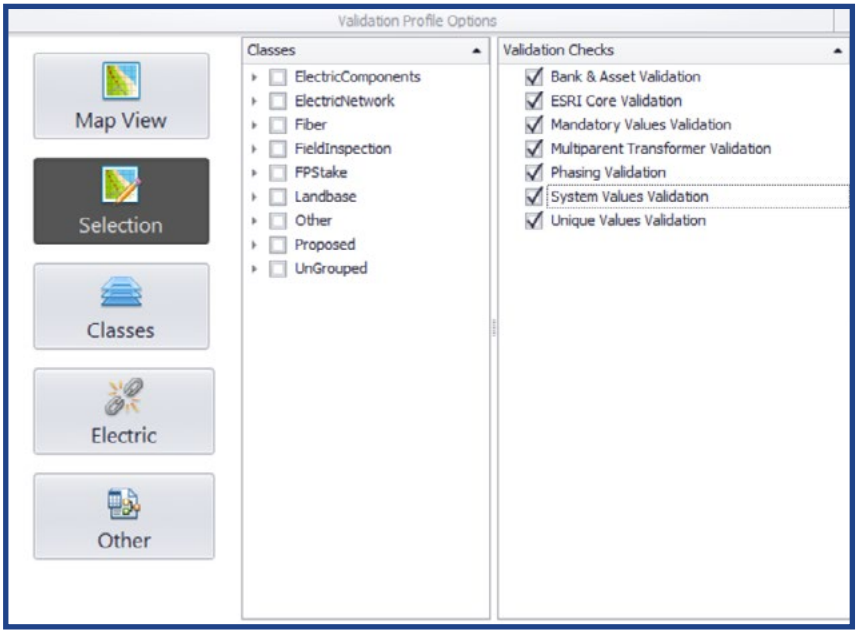


Note: Duplicate System and Custom SQL validations are not configured as part of the standard Other profile. If you would like to configure these validations, please contact Futura Support.

- Duplicate System is used to check for unique across multiple feature classes (i.e. UPN-GIS Light integration where the Mapnumber needs to be unique between Consumers and Lights).
- Custom SQL is used to compare GIS and CIS data for anyone who does not have UPN-GIS integration. If you are missing these queries contact Futura Product Support. See Appendix A for instructions on how to configure out-of-the-box queries.

Selected

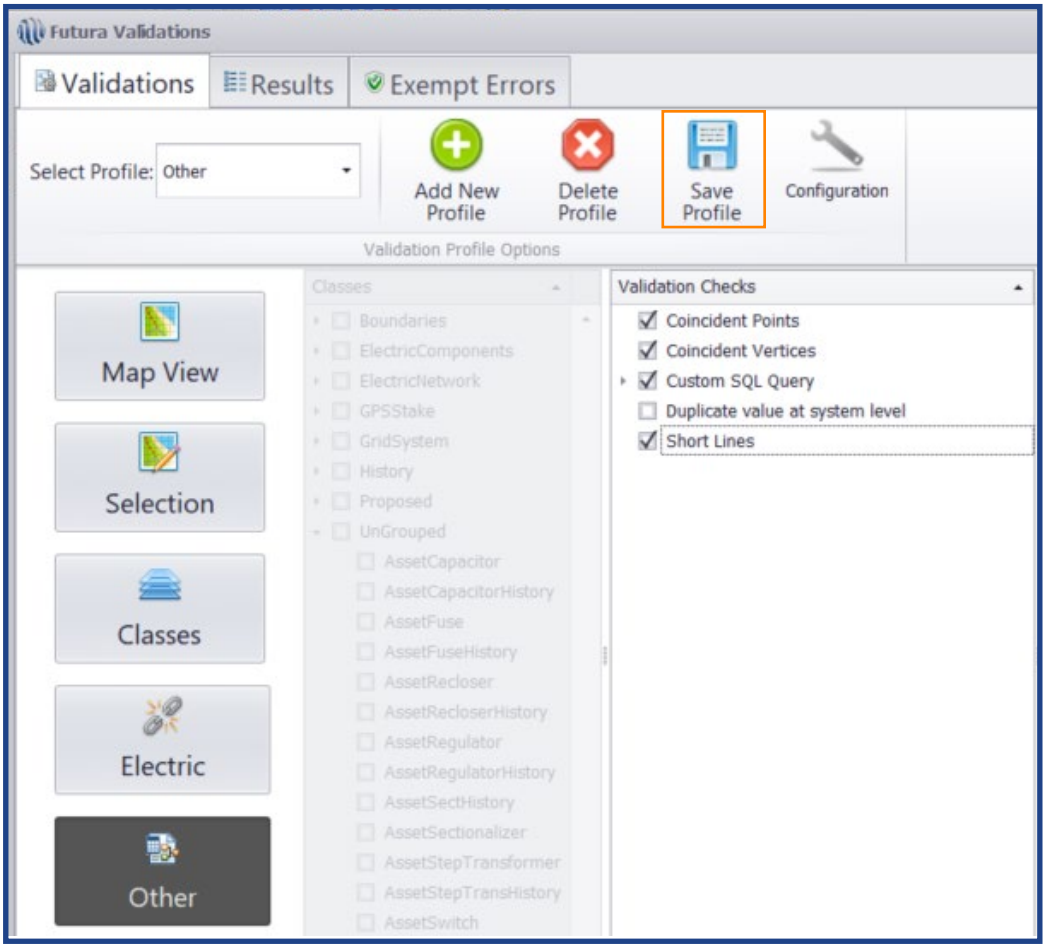
On the Selection tab, select all validation checks. No classes need to be checked.



Note: After posting a job using Post to GIS, the features that were created will be selected. When opening Futura Validation, the last profile that was run will be selected. Make sure it is on the Selection profile and click Validate.

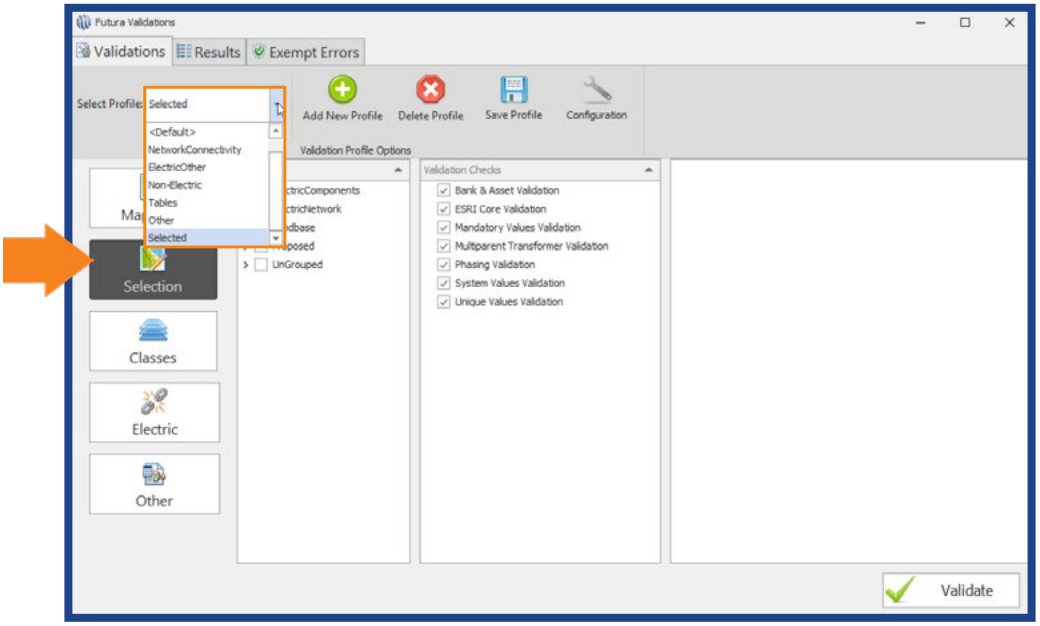
SAVING PROFILES

After configuring the recommended settings for each profile, click Save Profile to save the changes.



SELECTING & RUNNING PROFILES

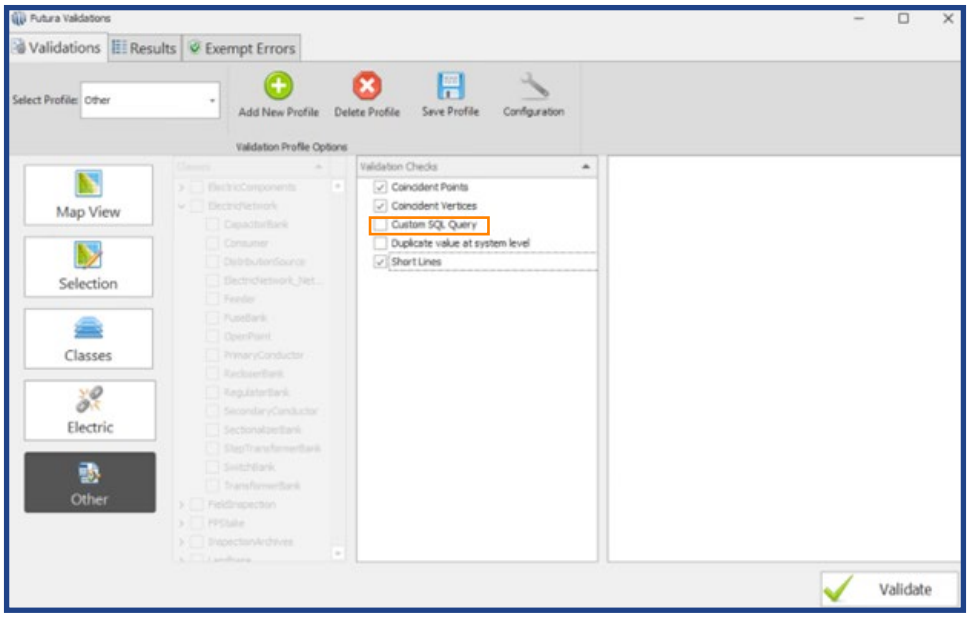
Now that the profiles have been created with the desired settings choose the profile you want to run from the drop-down list. All of the settings you configured for that profile should appear. Click Validate to run this profile.



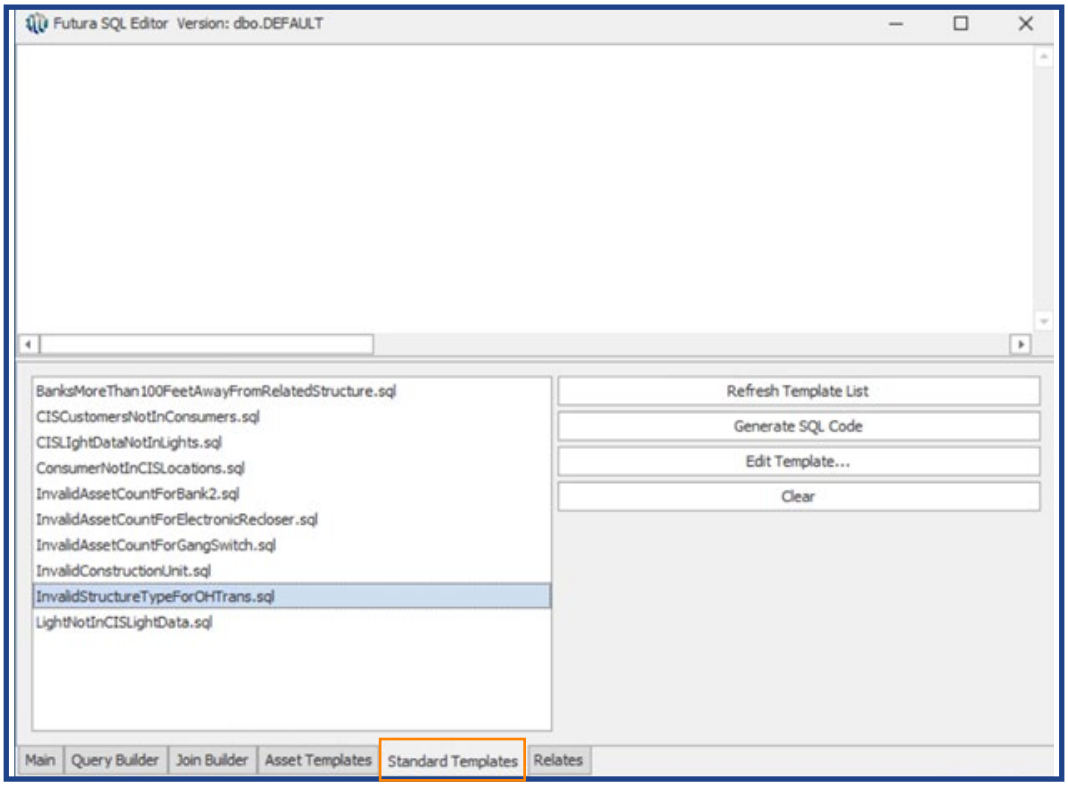
APPENDIX A

SQL Query Editor

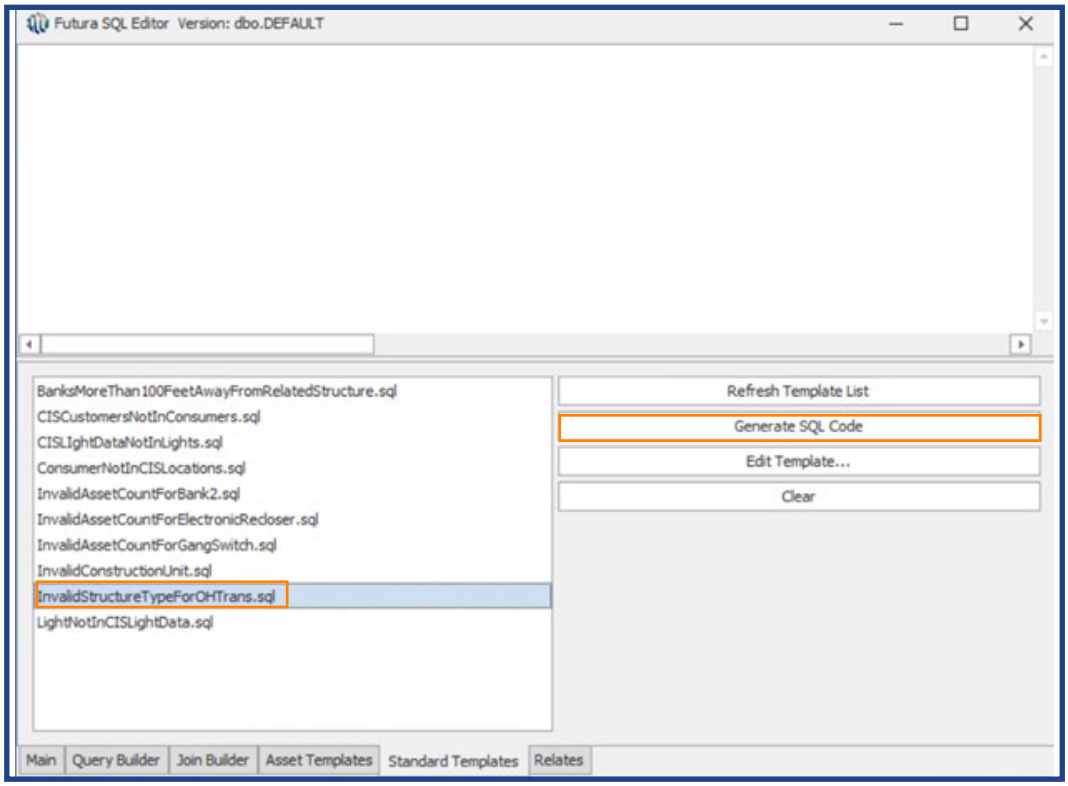
Double click on Custom SQL Query to bring up the SQL Editor.



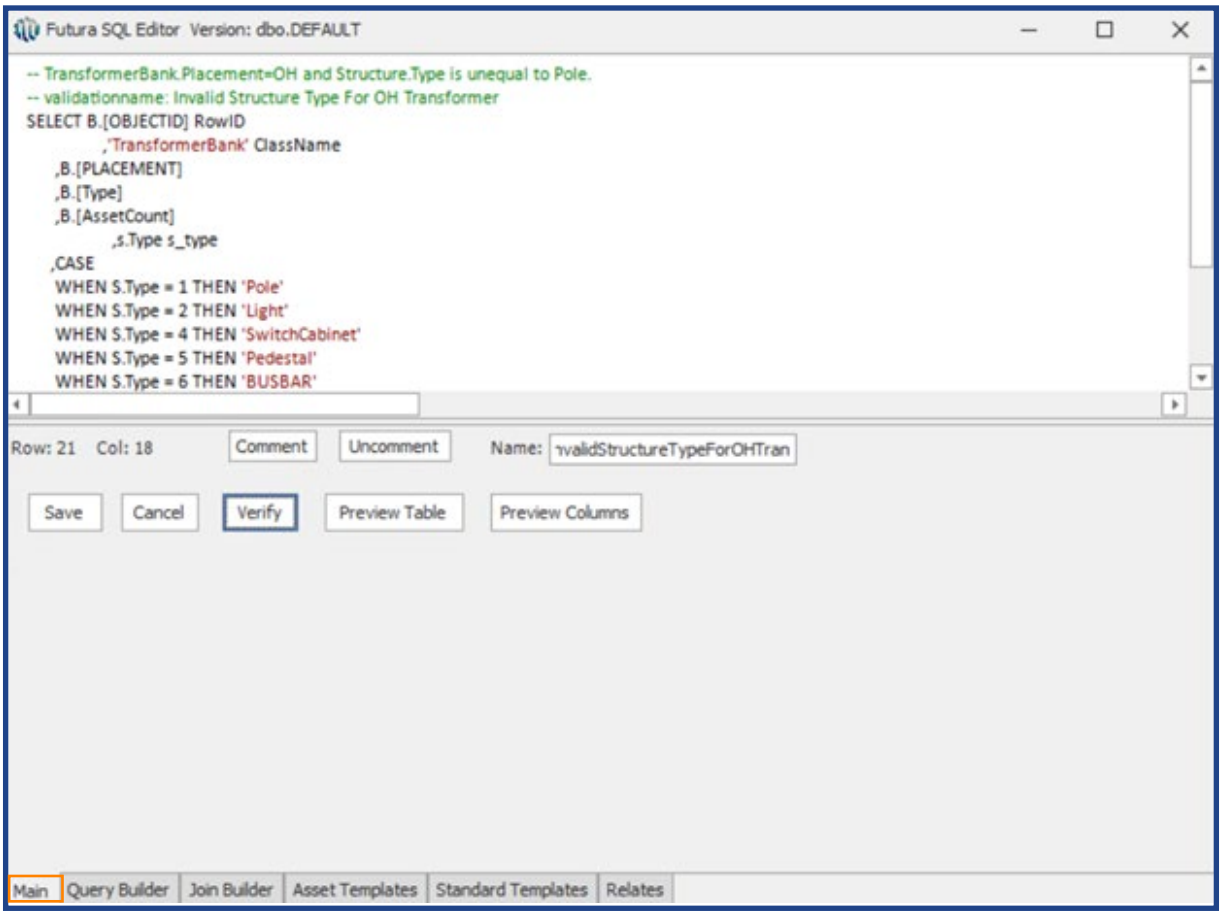
The SQL query editor includes the Standard Templates. To access them, click on the Standard Templates tab.



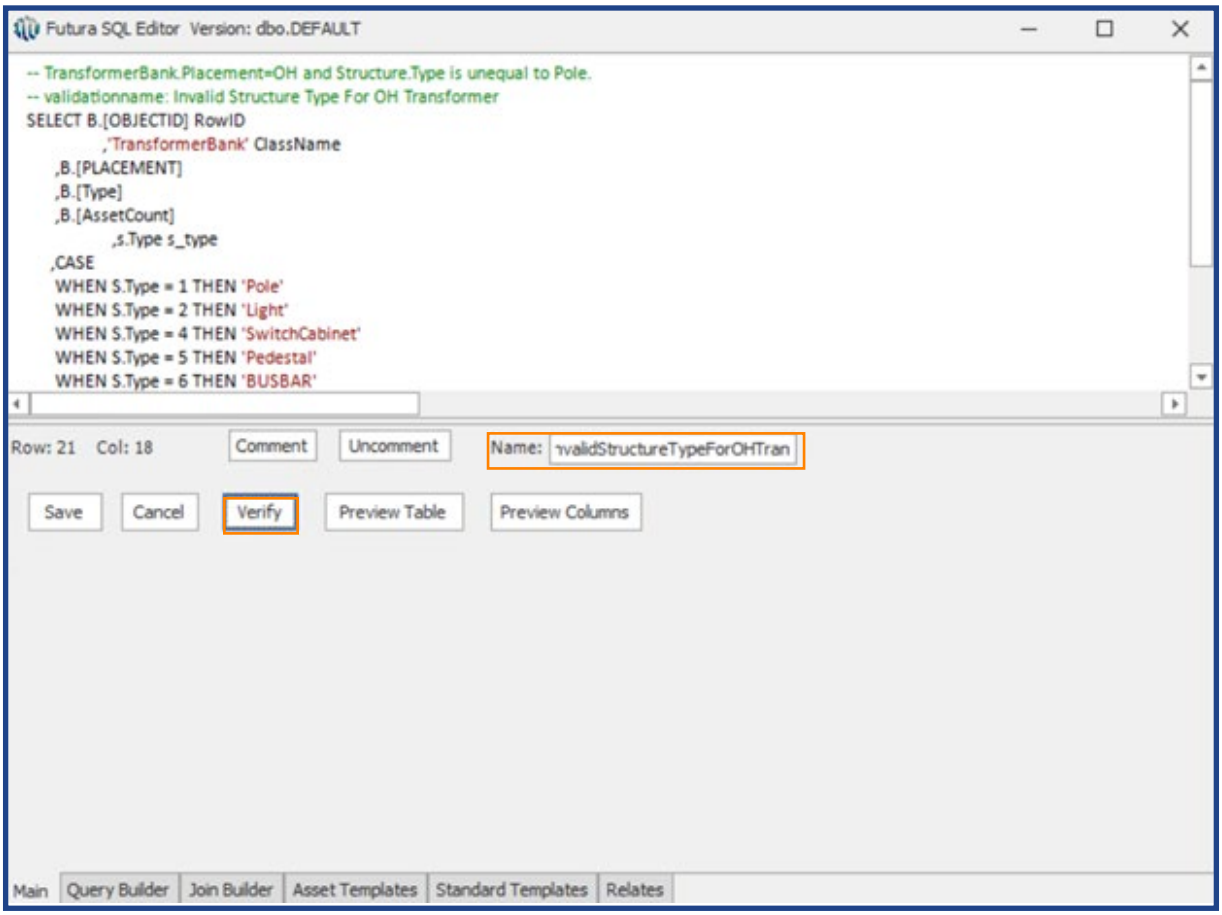
Choose the query you want to create and click Generate SQL Code.



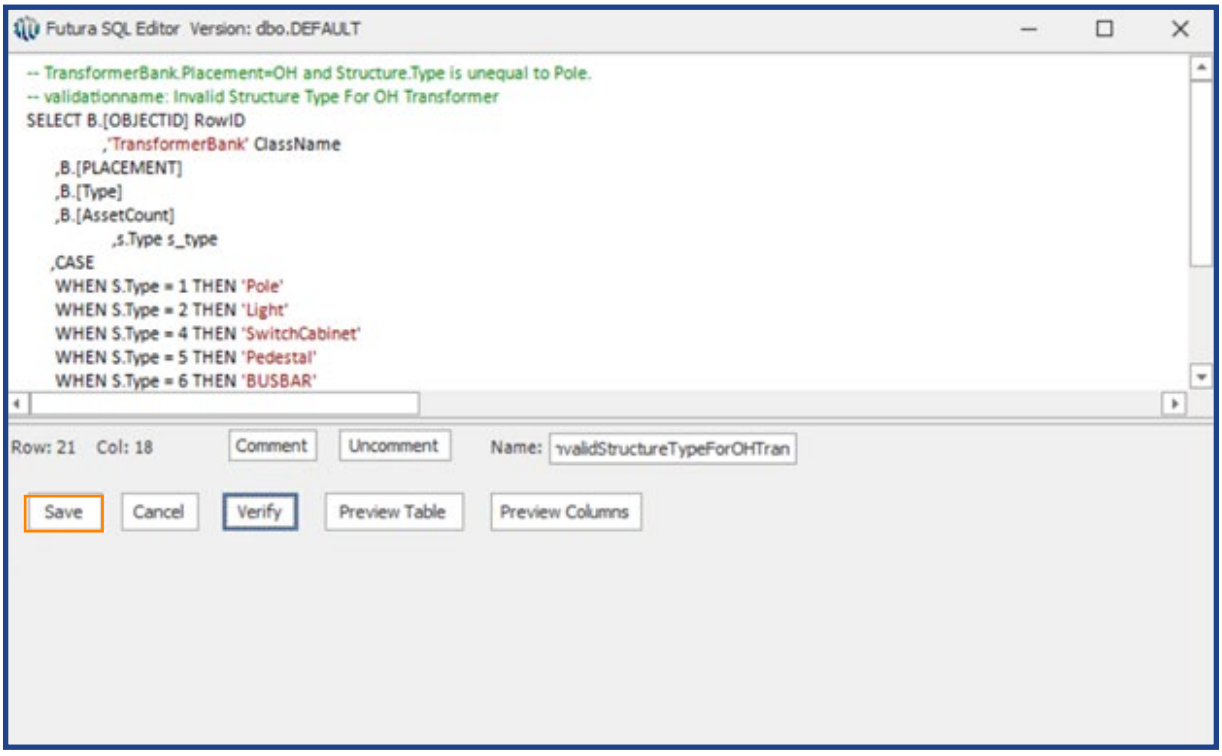
Click on the Main tab.



Name the query and click verify.



If the query is successful, the Save button will become available. Click Save.



The new query will be listed in the Validation Checks list under Custom SQL Query. Select the new query and click Save Profile.