Steps

Brown indicates locations where references to the User Manual may be necessary.

1) Navigate to TampaBayWater-master -> Data -> model_input_data
   Upload the following files into the current folder.
   The formatting and naming of each file can be found in the user manual.
   - Previous year water sales and deliveries
   - Historical estimated budgets
   - Historical actual budgets
   - Existing debt
   - Potential projects
   - Current and future bond issues
   - Original CIP spending (all projects)
   - Original CIP spending (major projects)
   - Normalized CIP spending (all projects)
   - Normalized CIP spending (major projects)
   - Projected reserve fund starting balance
   - Projected reserve fund deposits

2) Navigate to TampaBayWater-master -> Data
   Upload the 'runXXXX' folder into the current directory.
   Directions as to where to locate the 'runXXXX' folders and its description can be found in the user manual.

3) Navigate to TampaBayWater-master -> Data -> runXXXX
   Upload the desired simulation files, named 'simXXXX.mat'.
   Directions as to where to locate the 'simXXXX.mat' files and their description can be found in the user manual.

4) Navigate to TampaBayWater-master -> Output
   Create the following folders:
   a) error_files
   b) financial_model_results
   c) output_figures

5) In the Financial_Model_GUI.xlsm file, navigate to '1-Setup'
   Click on 'SETUP FINANCIAL MODEL'.
   This will install all the necessary software to run the Financial Model.

6) *[THIS STEP IS OPTIONAL]*
   If you would like to generate one or a set of alternative financial scenarios, please continue to read. Else, skip to Step 7.
   Navigate to '2-Gen alt scenarios'.
   This step generates one or a set of alternative financial scenarios.

   If you would like to generate only ONE new scenario

In the columns labeled 'Upper', enter your desired value, or select Yes/No.
Descriptions for each of the parameters listed and a range of their reasonable values can be found in the user manual.

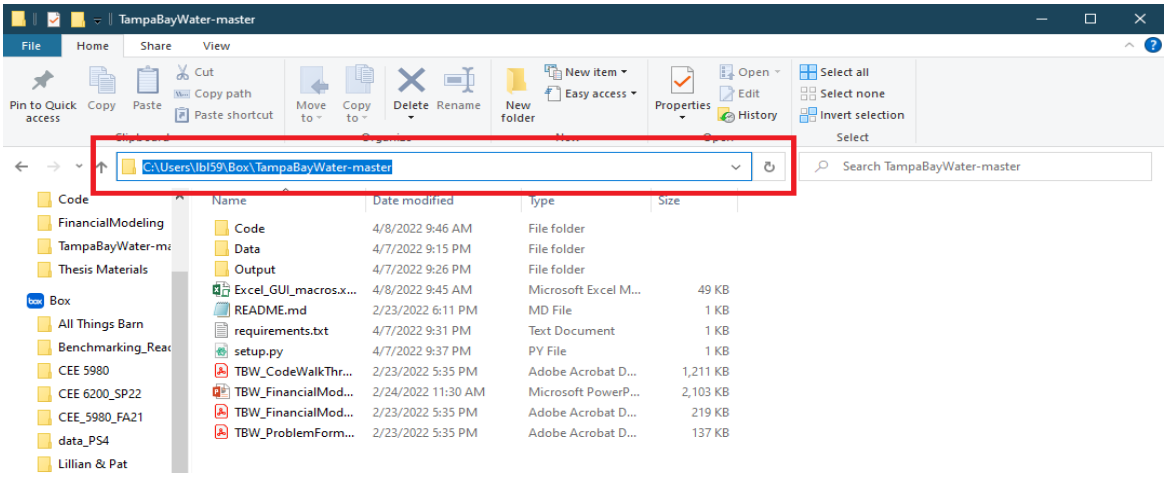
If you would like to generate A RANGE of new scenarios

In the columns labeled 'Lower', enter your desired lower bound value.
IMPORTANT *:* Do NOT enter values into the cells that are crossed.
In the columns labeled 'Upper', enter your desired value, or select Yes/No.
Descriptions for each of the parameters listed and a range of their reasonable values can be found in the user manual.

7) Navigate to '3-Run Model'

Step 3-1

Identify the location of the TampaBayWater-master folder.
This can be done by clicking on the folder icon of the address bar of the TampaBayWater-master folder as shown below:



Copy the location and paste it into the cell adjacent to 'Main Folder Location'.

Step 3-2

In the column labeled 'Filename', select from the dropdown list each filename that corresponds with their description in 'File description'.
Check if the files have been uploaded into 'TampaBayWater-master/Data/model_input_data/'
Once done, select 'Yes' for each file.

Step 3-3

Fill in the table. Descriptions for each item can be found in the user manual.
i - To generate the default financial scenario: Click on 'GENERATE DEFAULT SCENARIO'
ii - To generate one alternative financial scenario: Click on 'GENERATE ONE NEW SCENARIO'
iii - To generate a range of alternative financial scenarios:
Click on 'GENERATE RANGE OF SCENARIOS'
IMPORTANT: Option (iii) will only run if 'Num simulations' is more than one

Else, an error message will be printed in
'TampaBayWater-master/Output/error_files/err_generate_scenarios.txt'

Step 3-4

Click on 'RUN MODEL' to run the model using the scenario(s) generated.
The financial model output can be found in
'TampaBayWater-master/Output/financial_model_results/'
Any potential errors will be listed in
'TampaBayWater-master/Output/error_files/err_financial_model.txt'

Select the figure you would like to plot in cell next to 'Data to plot'
Descriptions for each of these figures can be found in the user manual.
Click on 'PLOT'.
The desired figure should appear in a new window and be saved in
'TampaBayWater-master/Output/output_figures/'
Any potential errors will be listed in
TampaBayWater-master/Output/error_files/err_figures_gen.txt'