

Adjudicating Supply and Demand Input Files

The Supply and Demand records are inputs required to run MARATHON simulations. This Executable Jar File was developed to automate the process of repairing the input files before the TAA iteration of the MARATHON runs can begin. This Executable Jar File produces the adjudication (fixed) Supply and Demand files. This tutorial provides step-by-step instructions on how to run the program from start to finish. Follow the steps presented below to learn how to resolve the Supply and Demand Records.

Step 1: Running the Adjudication Script







1. Locate the created folder **Final Inputs** where the supply and demand records are stored. Ensure that both records are stored in the same location.
2. If any of the input files are opened in Excel, **close them** before running the script. The script will fail if the inputs are open with the script running.
3. Open the Executable Jar file called **Adjudication.jar** located in the **V:_Study Files\Adjudication** folder. Open the Jar file by either double clicking on it or by right clicking and selecting open with JRE (Java Runtime Environment).
4. Once the Jar file opens, a file selection window entitled **Reconciliation file** pops up. In the window, locate the **Final Inputs** folder using the arrow on the **Look In** menu, where all the input files are stored and click open. (The **formatted supply and demand files should appear** in the menu window, once in the **Final Inputs** folder. If you cannot see the files in the menu window, then you have selected the wrong folder).

In this example, the **DEMO_DEMAND.txt** is the **formatted Demand file** and the **FORMATED_SECRET 20161216 FRP DETAIL.txt** file is the **formatted Supply file**, and the **SNF_OutofScopeSRC_FMadjudication_Form_EXAMPLE_2017-08-09.txt** is the **Adjudication file** which lists the necessary changes that need to be made to the formatted supply and demand files.

5. Visual Example of Menu Window once correctly selected from the **Final Inputs** directory: Order matters. It is important that you select the formatted Adjudication file first; second, select the formatted Demand file, and lastly select the formatted Supply file in this order this process to work properly. The Menu Window will also remind you of the required formatted files needed, as it will be labeled at the top. The same process occurs three times, as you will be adjudicating both the Supply and Demand files, incorporating derived from the FM Adjudication Form. The final Supply and Demand files, ready for MARATHON will be labeled differently in your **Final Input** folder.
6. To conduct this adjudication process, conduct the following steps:
Note: You will be repeating the steps for the Adjudication file, Supply file, and Demand file, sequentially.
 1. Locate the **FORMATTED Input files** within the **Final Inputs** folder. **Note:** the nomenclature of the **formatted input files** is different from the original files (read above).
 2. Select the Adjudication file.
 3. Click open in the Reconciliation window.
 4. Next, the Demand file window will open. Select the **FORMATTED** Demand file.
 5. Click open in the Demand file window.

6. Lastly, the Supply file window will open. Select the **FORMATTED** Supply file.
 7. Click Open in the Supply file window.
 8. Next, the Output directory window will open. Locate the **Final Inputs** folder. This folder is where you have stored all your final Supply and Demand files for this study.
 9. Click open. You will notice that nothing will happen on your screen, although your updated files have been re-documented for your convenience.
7. The application saves the reformatted and adjudicated files to the **Final Inputs** directory. The Adjudicated Supply file will be called **formatted-supply**; the Adjudicated Demand file will be called **formatted-demand**.

Visual Example of how your files will appear within Final Inputs folder:

 Adjudication	8/16/2017 11:38 AM	Executable Jar File	3,640 KB
 DEMO_DEMAND	8/15/2017 12:23 PM	Text Document	1,366 KB
 FORMATTED_SECRET 20161216 FRP DET...	8/16/2017 9:20 AM	Text Document	195 KB
 SNF_OutofScopeSRC_FMadjudication_Fo...	8/11/2017 9:10 AM	Text Document	3 KB
 formatted-demand	8/16/2017 1:57 PM	Text Document	1,358 KB
 formatted-supply	8/16/2017 1:57 PM	Text Document	194 KB

This completes the adjudication process. Once FMF, DE, and FS all agree that the Supply and Demand files are reconciled, you can begin to run MARATHON using the most up to date “formatted- demand” and “formatted-supply” files accordingly.