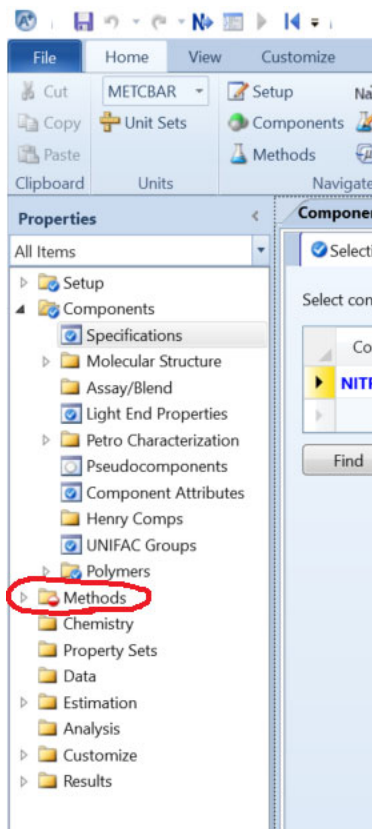
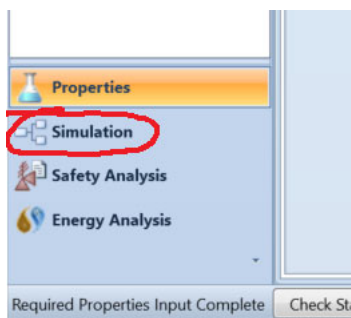


Aspen Plus Simulation Workflow

- When Aspen Plus is first started, select “New” to create a new simulation. Choose “Blank Simulation.”
- Select components opens first. Type in the name of the component name and click “Find.” The “Find Compounds” window opens. Use the options in the window to find your component. Select your component in the “Components found ...” window, click “Add selected components,” then close the “Find Compounds” window.
- In the “Properties” on the left, look for “Methods.” It will have a red flag on it, indicating the workflow and that it needs attention.

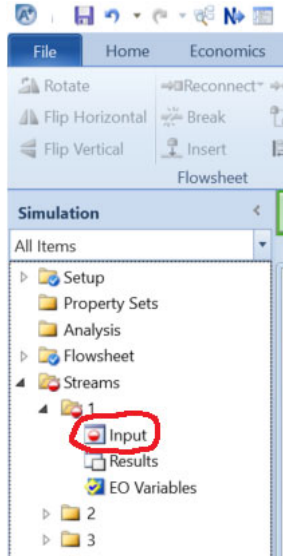


- Click “Specifications.” Find the dropdown list underneath “Method name” and scroll down to the desired thermodynamic method. Once a method is chosen, the red flag on “Methods” disappears.
- Click “Simulation” at the bottom left of the screen to open the “Main Flowsheet” window. Draw your process here.

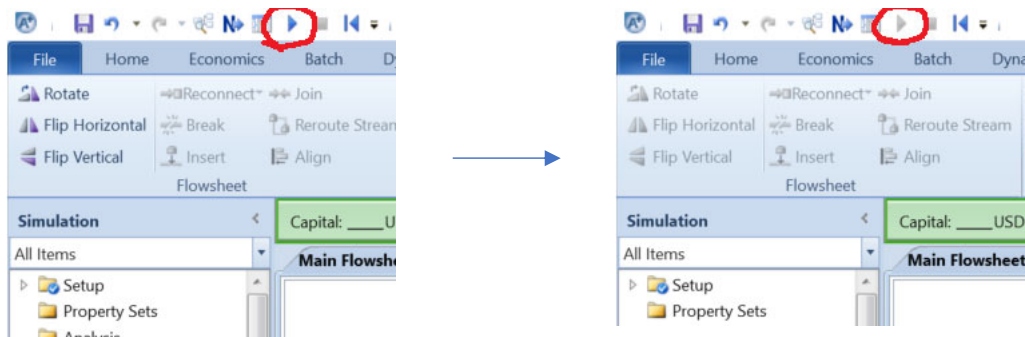


Aspen Plus Simulation Workflow

- Once your flow sheet is drawn the way you want it, you will need to define the input stream and the process equipment specs. The input stream is found under “Streams” in the Simulation panel. Click “Input” to start. The window should be intuitive. For example, you should see how to enter temperature, pressure, total flow rate, and component flow rate.

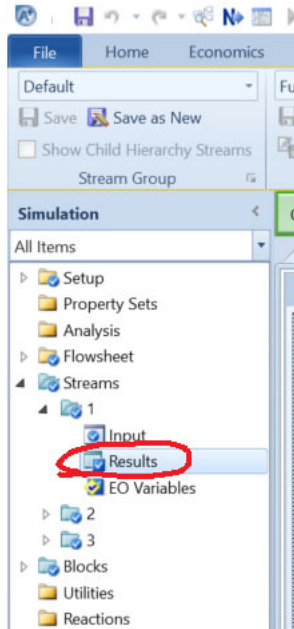


- When the process feed is complete, click on the “Main Flowsheet” tab. Then double-click each process unit and add specifications (or follow the red flag to “Blocks” in the simulation panel. When the unit is correctly specified, the red flag near “Specifications” will turn blue, and you should see a blue check mark. Repeat for each unit.
- Click back to the main flowsheet. You will be able to run the process by clicking the blue run triangle at the top of the window (or press F5). When the run is complete, the blue run triangle will turn gray.



- Results for the stream calculations are found in the “Simulation” window on the left of the main window, underneath the respective stream.

Aspen Plus Simulation Workflow



Important: Make sure that you select the correct units when you pull results from the results section. They must be set individually. When you click the unit, you will see a dropdown selection list appear.