TRACE 3D Plus New Features Webinar F.A.Q.

1. **How is TRACE 3D Plus different from TRACE 700?**

   This document walks through a high level overview of the differences between TRACE 3D Plus and TRACE 700: [Comparison of TRACE 700 and TRACE 3D Plus (custhelp.com)](custhelp.com)

2. **Will you be adding U-value overrides for windows? Can we override the SHGC?**

   The U-Factor and SHGC cannot be overridden in the program at this time. We are actively working on this feature with our developers. For a comprehensive list of U-Factor override options, see here: [U-Factor Override (custhelp.com)](custhelp.com)

3. **Can you use the spreadsheet editor to modify the window elevations? Can you change multiple wall constructions at one time? What things can you change in the spreadsheet editor?**

   Any values that are not italicized in the spreadsheet editor can be changed. You are able to copy and paste construction types into the fields. To see more information on the spreadsheet editor: [Spreadsheet Editor (custhelp.com)](custhelp.com)

4. **Can floors and ceiling be adiabatic? When would you want to make a wall adiabatic or an air wall?**

   Floors and roofs can be designated as adiabatic, this will need to be changed at the room level, here is an example of how to do so: [Adiabatic Slabs (custhelp.com)](custhelp.com).

   The most common reason users use adiabatic walls are modeling only a portion of a building or modeling a building/space that shares a wall with another building/space. A common reason users will use airwalls is to divide a large conditioned space into multiple zones, which allows the space to be served by multiple systems or multiple pieces of zone level equipment. For more information on adiabatic surfaces and air walls: [Adiabatic Surfaces (No Heat Transfer) and Air Walls (custhelp.com)](custhelp.com)

5. **What typical reports should we be referring to? Is the ability to make custom reports available?**
   Currently there is no ability to create custom reports. Please reference this document that gives a breakdown of common reports in the program: [Beginner's Guide to Reports - Short subset of report information for problem solving (custhelp.com)](custhelp.com)

6. **Will TRACE Lite be similar to TRACE 700? Will TRACE Lite be similar to System Analyzer**

TRACE Lite will not be similar to TRACE 700, but will be similar to System Analyzer. This program will be used to quickly evaluate different combinations of equipment to help weigh the energy and economic benefits of the system designs.

7. **Can TRACE 3D Plus be used for LEED projects?**

Yes, TRACE 3D Plus can be used to model LEED projects. The program has a built-Standards Wizard that will simplify the changes that need to be made to create a baseline alternative. The Standards Wizard includes a checklist of items that the wizard automatically does and a checklist of items you should check and input manually. For more information: [Standards Wizard (custhelp.com)](custhelp.com)

8. **Is there any training documentation for modeling a Ground Source Heat Pump?**

This document reviews how to model a GSHP/ Hybrid GSHP: [Ground Source Heat Pump and Hybrid Ground Source Heat Pump (custhelp.com)](custhelp.com)

This document reviews how to export a load profile to GLHE Pro and importing a borefield from GLHE Pro: [Ground Loops (GLHE Pro & GLD) - Geothermal Import TRACE 3D Plus (custhelp.com)](custhelp.com)

9. **How do I share library members with my team?**

Please see this detailed guide on how to import and export library items: [Importing and Exporting Libraries to and from a TRACE TRL File (custhelp.com)](custhelp.com)

10. **Is there a way to convert existing project in TRACE 700 into TRACE 3D Plus?**

There is not a way to convert TRACE 700 files into TRACE 3D Plus files.

11. **We notice that editing the library in our project does not save to the global library, why is that?**

There are two places that library members can exist, within the application library (also known as the "global library") and in the project file. Project files created in TRACE 3D Plus contain library members applied to them from the application library database on the machine it was created on.

Once the project file has been created, changes made to library members in the application library database are not automatically update in the project file.

Please reference the following guide to see the distinctions between the two: [Library Configuration and Management (custhelp.com)](custhelp.com)

12. **Can I create custom constructions (such as windows, doors, etc.) for my project?**

Yes, users have the option to create custom construction members within TRACE 3D Plus. For an overview of how custom constructions function within the program, please see: [Custom Constructions (Walls, Floors, Roofs & Ceilings) (custhelp.com)](custhelp.com).

For a step-by-step guide on how to create custom doors and windows, please see: [Custom Doors & Windows (custhelp.com)](custhelp.com)