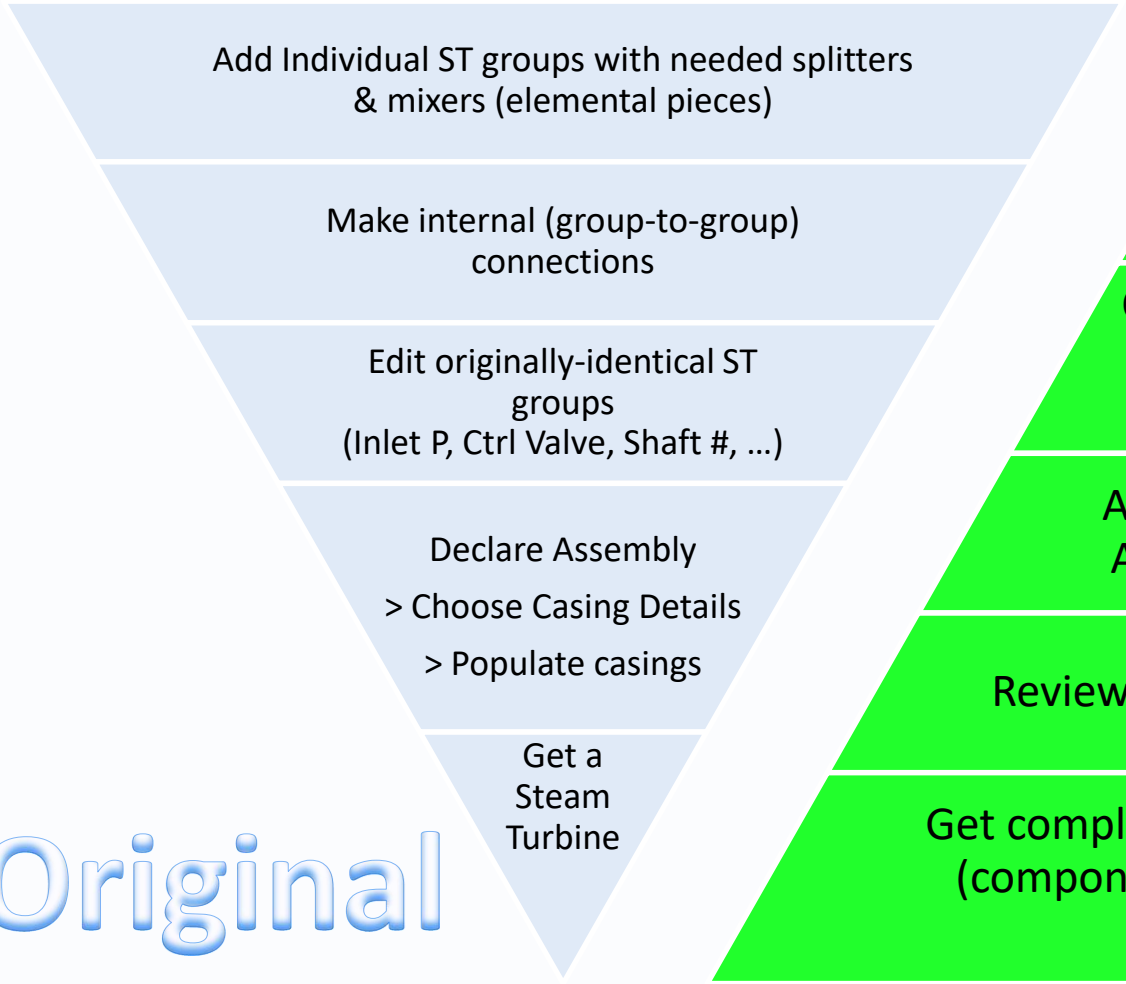
Steam Turbine Series Part 1: Creating Steam Turbine Models in THERMOFLEX – the quick-and-easy way

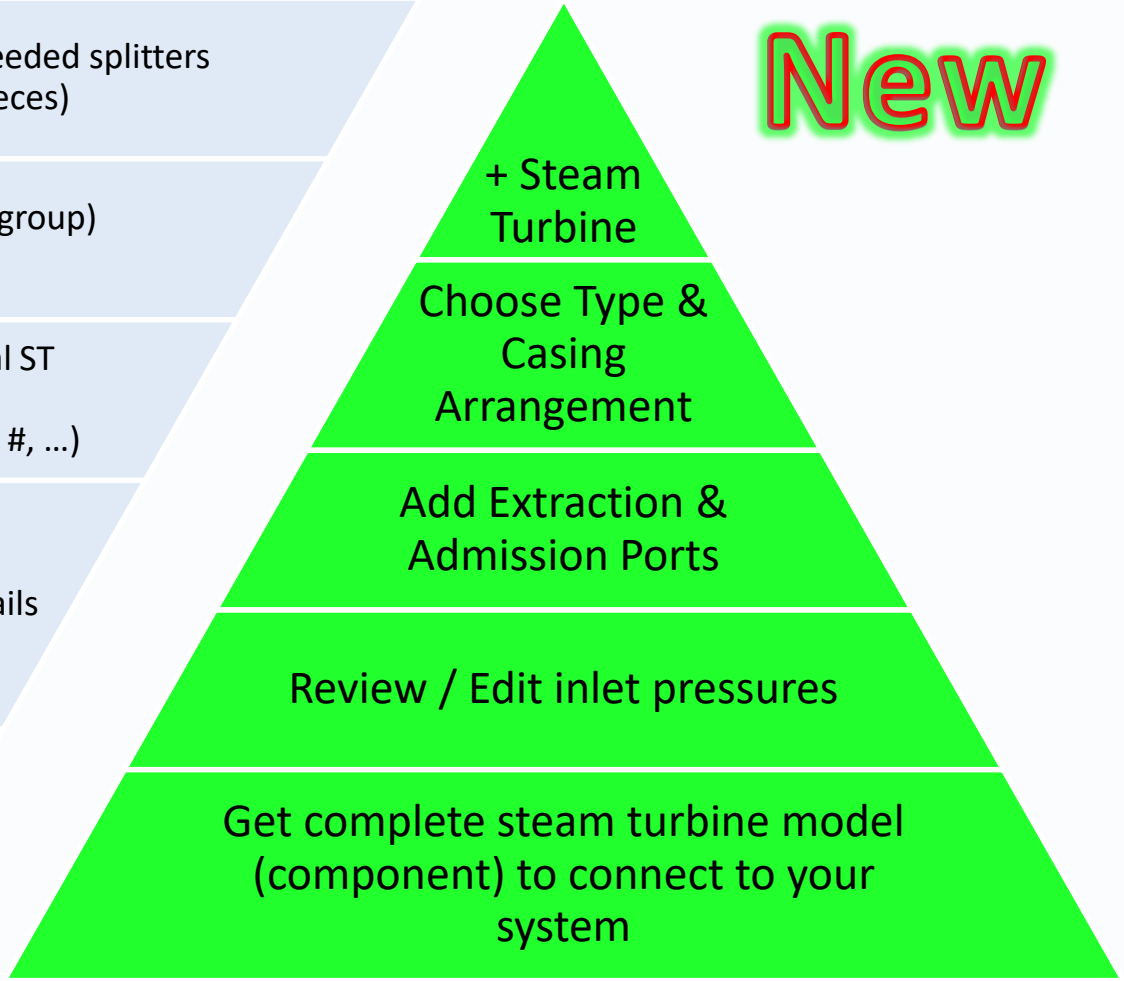
Using Steam Turbine Assembly Wizard to create new steam turbine models

ST Assembly Wizard (the 5 W's)

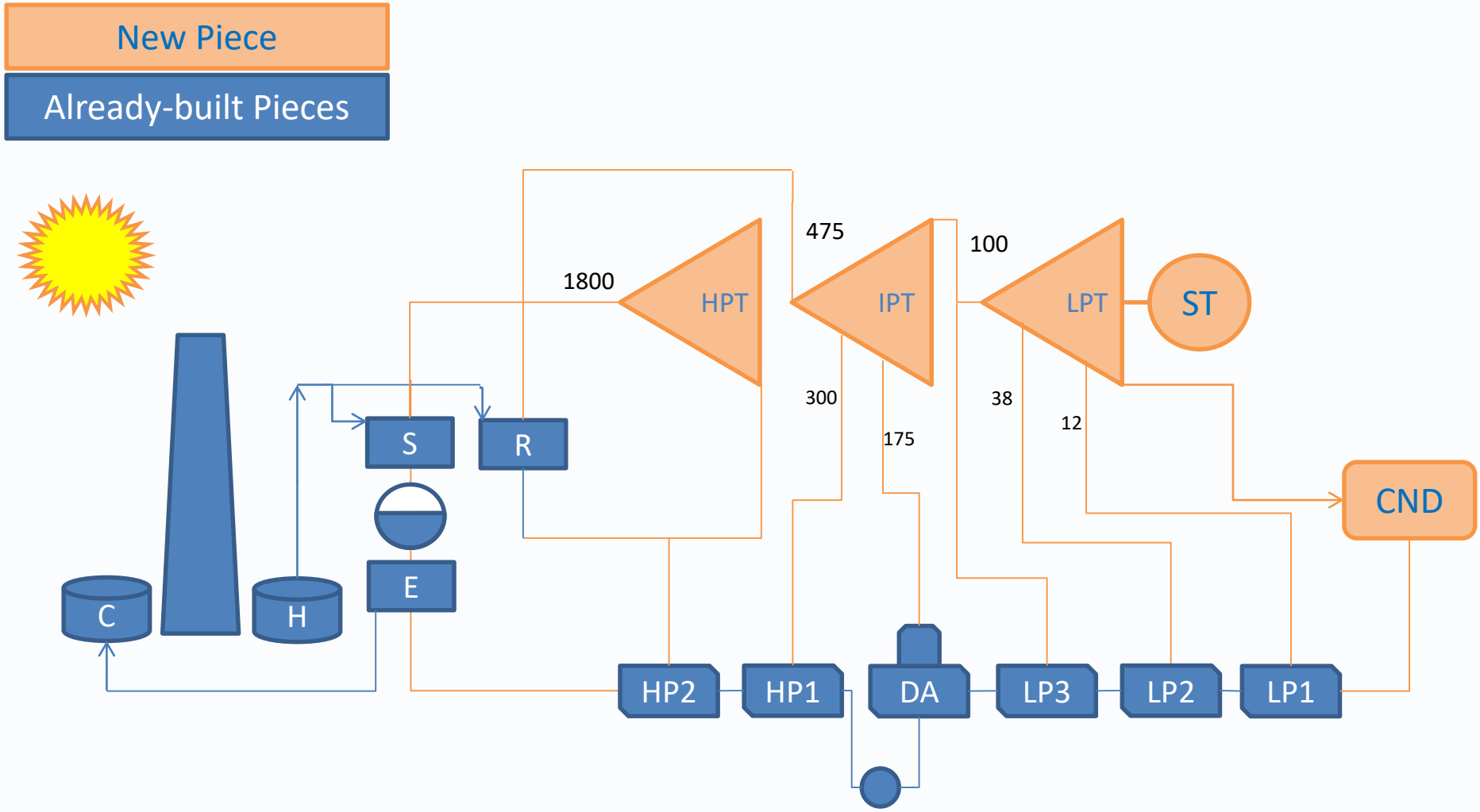
- **Who:** All THERMOFLEX/PEACE users
- **What:** Efficient (top-down) method to create and work with full-featured steam turbine models
- **Where:** THERMOFLEX– fully flexible modeling environment with > 220 standard built-in components handling 7 fluid types
- **When:** THERMOFLEX 1995, ST Assembly 2003, ST Assembly Wizard 2017
- **Why:** Streamline steam turbine creation with minimal inputs and maximum automation in the context of a fully-flexible modeling environment

Create a ‘Steam Turbine’: Then & Now

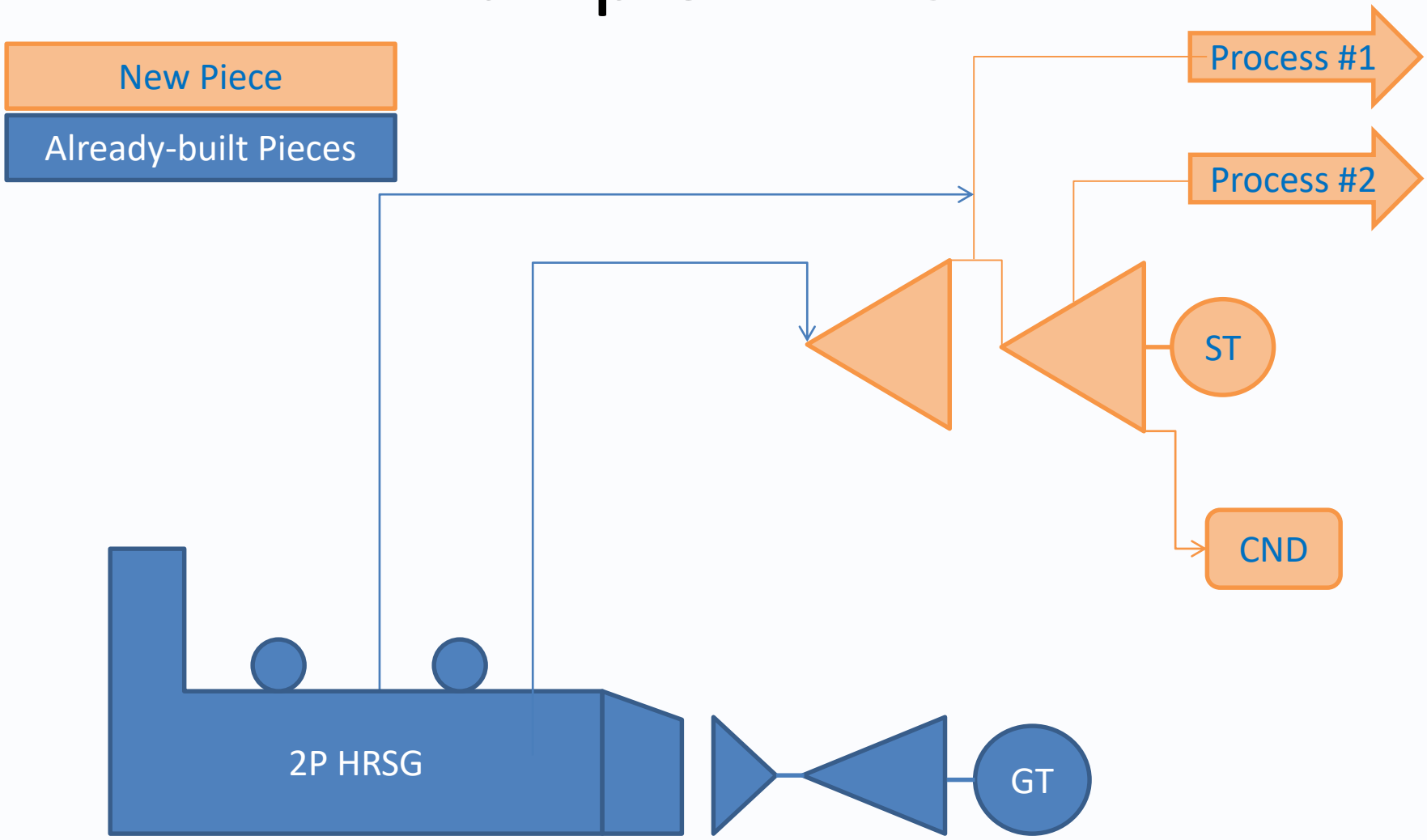




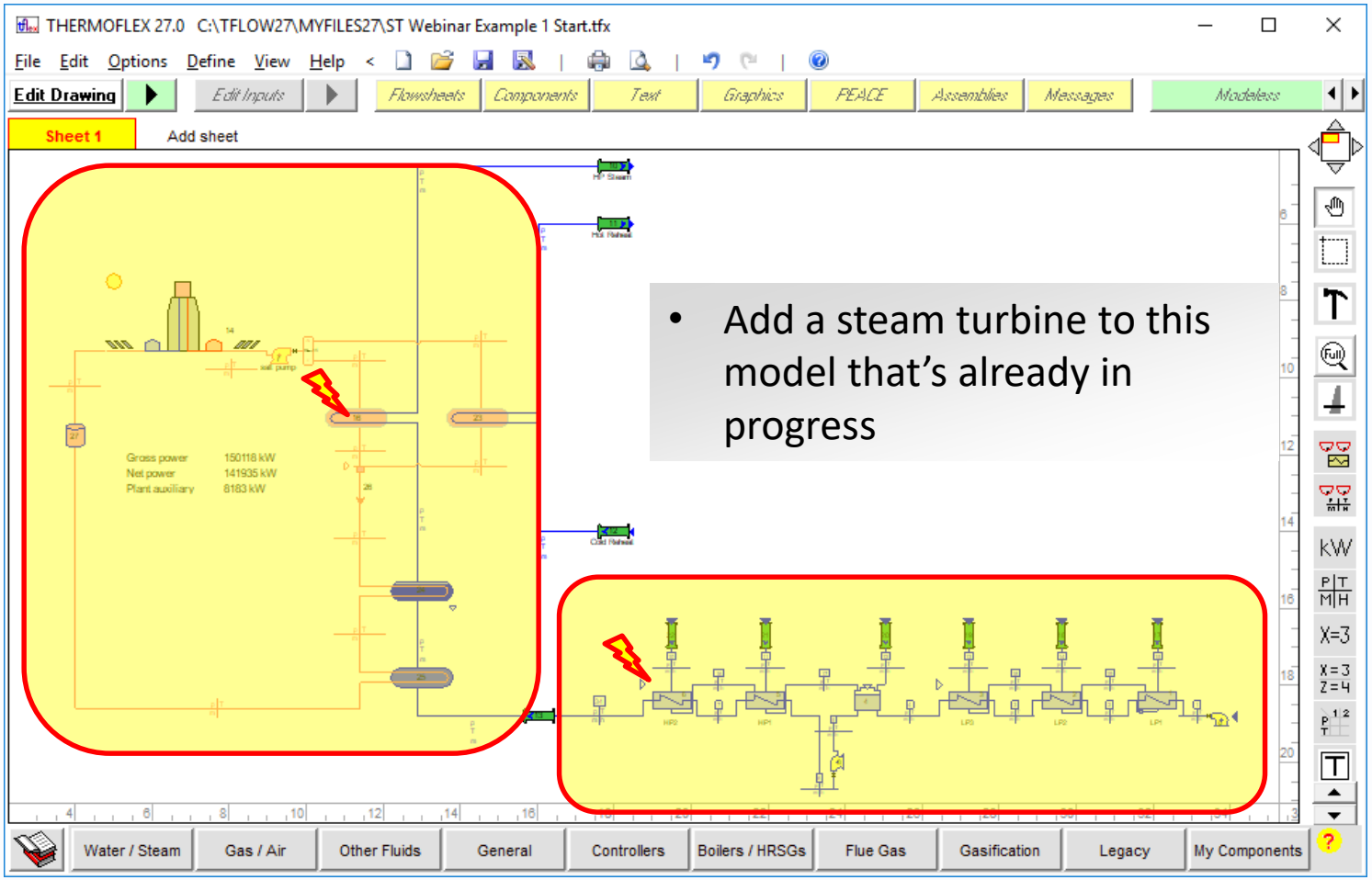
Example #1 – Solar Rankine Cycle



Example #2 - GTCC



Let's go … Add ST to Starter Model



- Add a steam turbine to this model that's already in progress