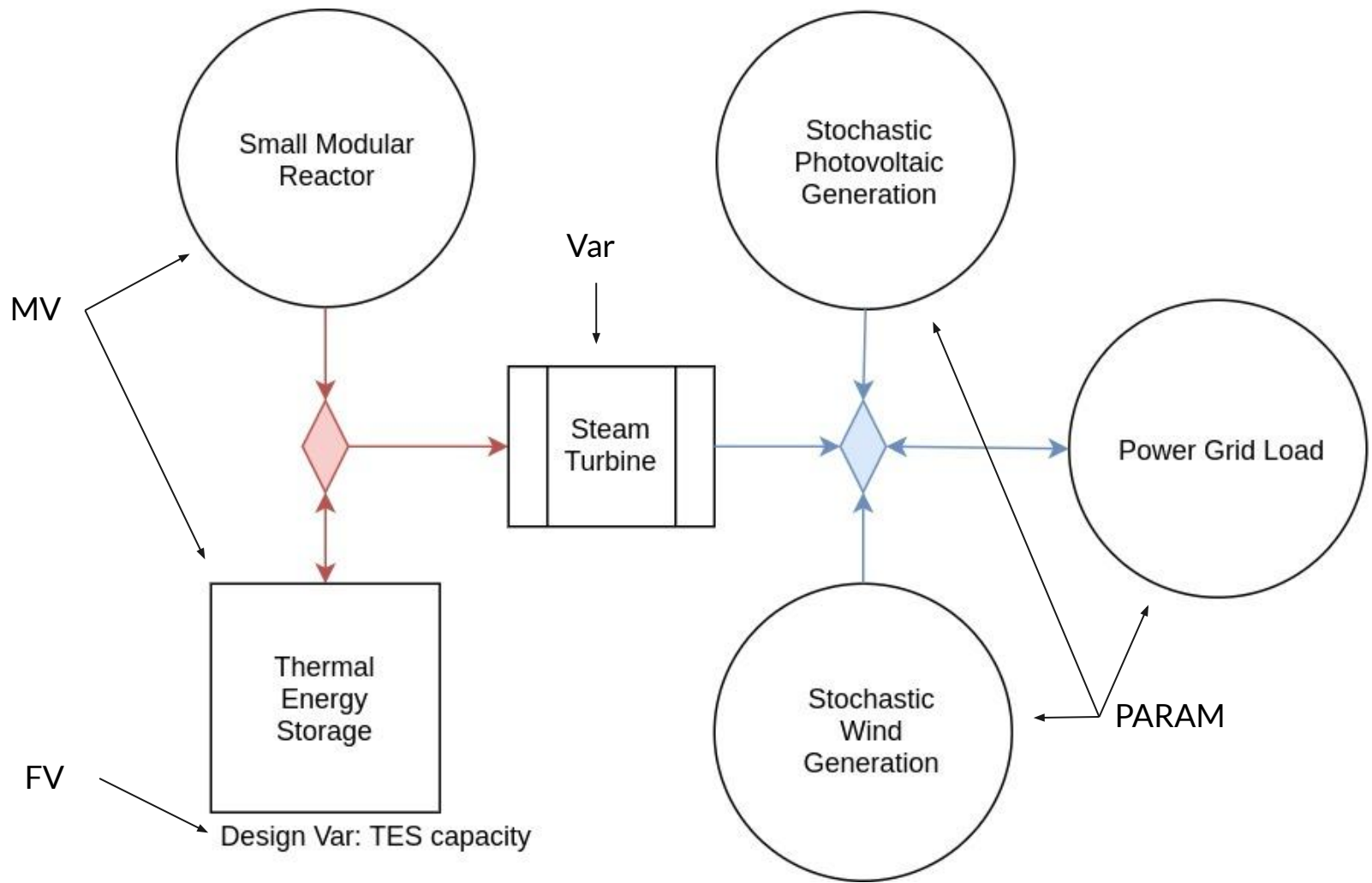




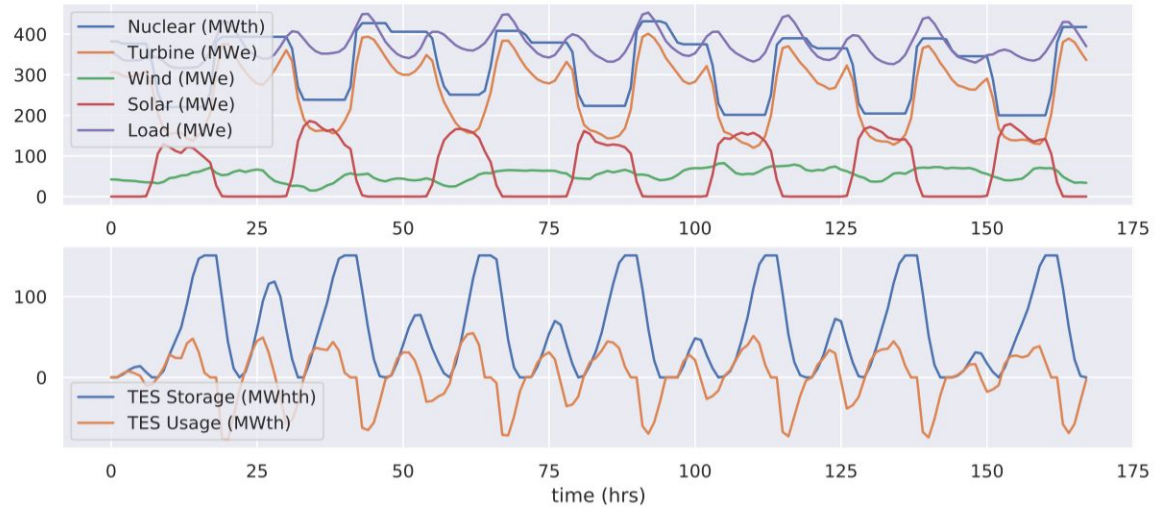
Design and Dispatch of Nuclear-renewable Hybrid Energy Systems

Daniel Hill, Jake Immonen, Kevin Moore, Mohamed Kandil, Dieudonne Ecike

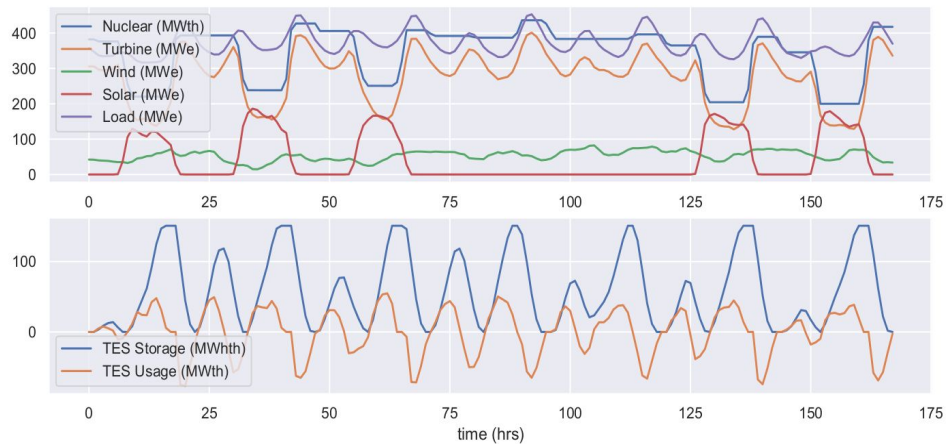


Project Results

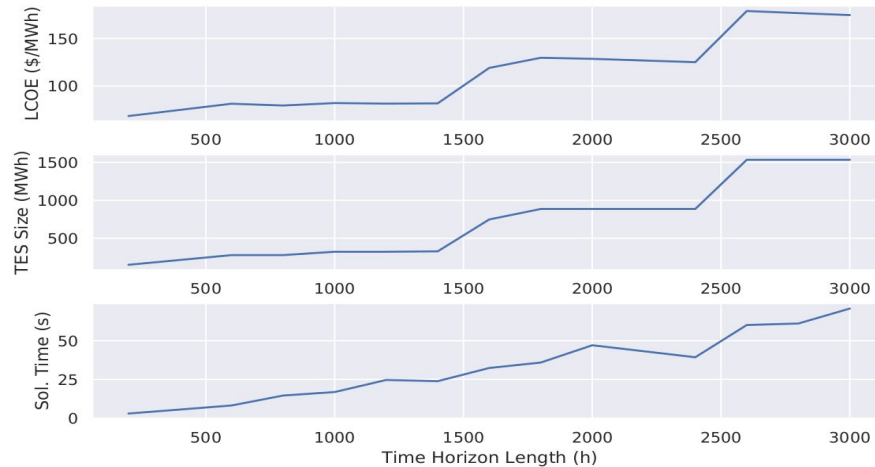
- Baseline LCOE: \$68.40/MW, TES size: 150.9 MWh
- Studies on
 - Long time horizon solutions
 - Losing renewable generation
 - Curtailment of renewables
 - Effect of GEKKO's DCOST
 - Lowering lower generation bound of nuclear



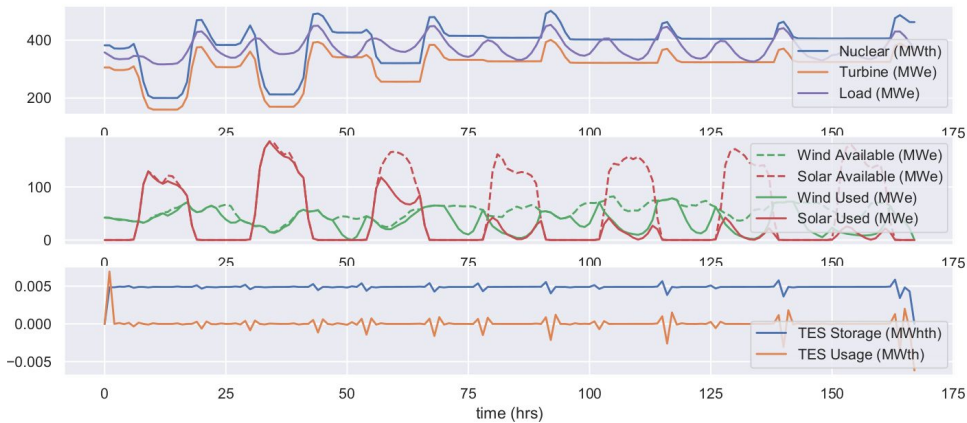
Loss of Renewables Study



Time Horizon Study



Renewables Curtailment Study



SMR Lower Bound Study

