Test results

run times

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  | **Computation Time** | |
| **nPv** | **nBatt** | **nHours** | **Before [s]** | **After [s]** |
| 2 | 2 | 8760 | 0.66 | 0.29 |
| 8 | 8 | 8760 | 4.99 | 1.75 |
| 20 | 20 | 8760 | 9.6 | 29.26 |
| 50 | 50 | 8760 |  |  |
| 100 | 100 | 8760 | 238.54 | 730.94 |

Equality table

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables** | |  |  |
| **Before Rewrite** | **After Rewrite** | **Data Points** | **Isequal(A,B)** |
| SoC | stateOfCharge |  | **true** |
| LoL | lossOfLoad |  | **true** |
| NPC | netPresentCost |  | **true** |
|  |  |  | **true** |
|  |  |  | **true** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables** | |  |  |
| Before rewrite | After rewrite | Module | Data Points |
| SoC | stateOfCharge | sapv\_plant\_simulation |  |
| LoL | lossOfLoad | sapv\_plant\_simulation |  |
| NPC | netPresentCost | economic\_analysis |  |
| LCoE | levelizedCostOfEnergy | economic\_analysis |  |
| MA\_opt\_norm\_bhut\_jun15\_20\_10(5) | lossOfLoadProbabilities | get\_llp\_constrained\_optimum |  |
| MA\_opt\_norm\_bhut\_jun15\_20\_10(3:4) | [pvKw, battKwh] | get\_llp\_constrained\_optimum |  |