Overwiev renaming

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| --- | --- |
| Names | |
| Before Rewrite | After Rewrite |
| x\_llp | SimulationParameters.llpSearchTargets |
| min\_PV | SimulationParameters.pvStartKw |
| max\_PV | SimulationParameters.pvStopKw |
| step\_PV | SimulationParameters.pvStepKw |
| min\_batt | SimulationParameters.battStartKwh |
| max\_batt | SimulationParameters.battStopKwh |
| step\_batt | SimulationParameters.battStepKwh |
| n\_PV | SimulationParameters.nPvSteps |
| n\_batt | SimulationParameters.nBattSteps |
| irr | SimulationInputData.irradiation |
| filename | (deprecated) |
| Load | SimulationInputData.load |
| T\_amb | SimulationInputData.temperature |
| EPV | (deprecated) |
| ELPV | SimulationOutputs.pvPowerAbsorbedUnused |
| LL | SimulationOutputs.lossOfLoad |
| batt\_balance | SimulationOutputs.neededBattOutputKw\*\* |
| num\_batt | EconomicAnalysisOutput.nBattEmployed |
| SoC | SimulationOutputs.stateOfCharge\*\* |
| IC | EconomicAnalysisOutput.investmentCost |
| YC | EconomicAnalysisOutput.operationMaintenanceReplacementCost\*\* |
| BoS | EconomicParameters.balanceOfSystem |
| nomAmbientTemp | PvParameters.nominalAmbientTemperatureC |
| nomCellTemp | PvParameters.nominalCellTemperatureC |
| coeff\_T\_pow | PvParameters.powerDearteDueTemperature |
| irr\_nom | PvParameters.nominalIrradiation |
| SoC\_min | BatteryParameters.minStateOfCharge |
| SoC\_start | BatteryParameters.initialStateOfCharge |
| eff\_char | BatteryParameters.chargingEfficiency |
| eff\_disch | BatteryParameters.dischargingEfficiency |
| max\_y\_repl | BatteryParameters.maxOperationalYears |
| batt\_ratio | BatteryParameters.powerEnergyRatio |
| eff\_inv | InverterParameters.efficiency |
| costPV | EconomicParameters.pvCostKw |
| costINV | EconomicParameters.inverterCostKw |
| costOeM | operationMaintenanceCost |
| costOeM\_spec | EconomicParameters.operationMaintenanceCostKw |
| coeff\_cost\_BoSeI | EconomicParameters.installBalanceOfSystemCost |
| costBatt\_coeff\_a | EconomicParameters.battCostKwh |
| costBatt\_coef\_b | EconomicParameters.battCostFixed |
| LT | EconomicParameters.plantLifetime |
| r\_int | EconomicParameters.interestRate |
| PV\_i | iPv |
| Pvpower\_i | iPvKw |
| T\_cell | pvTemperature |
| eff\_cell | cellEfficiency |
| P\_pv | SimulationOutputs.pvPowerAbsorbed\*\* |
| batt\_balance | SimulationOutputs.neededBattOutputKw\*\*\* |
| batt\_i | jBatt |
| Pow\_max | battMaxPowerFlow |
| Den\_rainflow | nMaxPartialCycles |
| DoD | depthOfDischarge |
| cycles\_failure | SimulationOutputs.sumPartialCyclesUsed\*\* |
| flow\_from\_batt | SimulationOutputs.battOutputKw\*\* |
| costBatt\_tot | EconomicAnalysisOutputs.battCostTot\*\* |
| peak | loadPeakKw |
| costINV\_tot | EconomicAnalysisOutputs.inverterCostTot |
| costBoSeI\_tot | EconomicAnalysisOutputs.installBalanceOfSystemTotCost |
| years\_to\_go\_batt | battOperationalYears |
| NPC | EconomicAnalysisOutputs.netPresentCost |
| CRF | EconomicAnalysisOutputs.capitalRecoveryFactor |
| total\_loss\_load | SimulationOutputs.lossOfLoadTot\*\* |
| LCoE | EconomicAnalysisOutputs.levelizedCostOfEnergy |
| LLP | SimulationOutputs.lossOfLoadProbability |
| MA\_opt\_norm\_bhut\_jun15\_20\_10(1) | OptimalSolutions.lossOfLoadProbabilities |
| MA\_opt\_norm\_bhut\_jun15\_20\_10(2) | OptimalSolutions..netPresentCosts |
| MA\_opt\_norm\_bhut\_jun15\_20\_10(3) | OptimalSolutions.pvKw |
| MA\_opt\_norm\_bhut\_jun15\_20\_10(4) | OptimalSolutions.battKwh |
| MA\_opt\_norm\_bhut\_jun15\_20\_10(5) | OptimalSolutions.levelizedCostsOfEnergy |
| MA\_opt\_norm\_bhut\_jun15\_20\_10(6) | OptimalSolutions.investmentCosts |
| budget | EconomicParameters.budget |
| \* change from the rewritten DST: all hourly data points are now also stored in this variable | |
| \*\* change from the rewritten DST: all pv and battery combination data points are now also stored in this variable | |
| \*\*\* change from the rewritten DST: both time and pv and battery combinations are now also stored in this variable. | |