Manual

May 16, 2023

`convert.timestamp` *Convert timestamp*

Description

Convert timestamp

Usage

```
convert.timestamp(df, year)
```

Arguments

`df`	a data frame the simulation csv result eplusout.csv is read into using read.eplusout
`year`	year of the simulation result. EnergyPlus output doesn't have year in the timestamp

Value

a data frame with 'Date/Time' converted to POSIXct

`convert.timestamp.eplusout` *Convert timestamp*

Description

Convert timestamp

Usage

```
convert.timestamp.eplusout(df, target.year)
```

Arguments

`df`	eplusout.csv directly
`year`	year of the simulation result. EnergyPlus output doesn't have year in the timestamp

Value

a data frame with 'Date/Time' converted to POSIXct

`read.eplusout` *read EnergyPlus simulation eplusout.csv*

Description

read EnergyPlus simulation eplusout.csv

Usage

```
read.eplusout(result.csv.dir, f)
```

Arguments

`result.csv.dir`	folder containing the result csv, usually eplusout.csv
`f`	filename, usually eplusout.csv

Value

a data frame containing emission.exfiltration, emission.exhaust, emission.ref, emission.rej, emission.surf, emission.overall corresponding to five AH component and the overall AH. Also containing energy.elec, energy.overall for energy consumption. The unit of AH and energy columns are J

Index