# README for Supplementary Software 1 to *Offshore wind competitiveness in mature markets without subsidy*

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This cashflow calculation model provides readers of the paper named ’Reaching the era of subsidy‑free offshore wind’. Thought the calculations do work without the reading, it is advisable to read the paper to understand the value, their origin and their implications. The software is available at: <https://doi.org/10.5281/zenodo.3733604>.

## **What’s included**

1. *AllResults.xlsx* collects the results from all cashflow workbooks and spreadsheets. No input is needed here but results can be easily extracted from here.
2. The files *Cash flow calculations\CashflowModel – {BE,DE,DK,NL,UK}.xlsx* contain the cashflow calculations for each wind farm individually.
3. *Cash flow calculations\Input – MarketMultiplier.xlsx* controls the scenarios for future power prices that are used in the cash flow calculations. Changes in this workbook trigger a recalculation in the cash flow workbooks, and update the final values in *AllResults.xlsx*
4. *Cash flow calculations\Input - PRIMES Prices.xlsx* and *Cash flow calculations\Input - Generic uplift factors for 1 sided CFDs.xslx* are input for the calculation of the model. They do not need to be accessed by the user, but need to be opened for a successful calculation.

## **How to run a calculation:**

1. Open all files and enable macros and external links in each spreadsheet.
2. Values in the cash flow spreadsheets can be adjusted to the users requirements, or these can be used as a template to setup calculations for other wind farms. The paper provides describes the necessary steps.
3. To explore the sensitivity of all results to future power prices, adjust values in the file *Input – MarketMultiplier.xlsx*. This will trigger a recalculation of the values and results are displayed *AllResults.xlsx*.