Readme for Chapter 3

Four Aspen Plus flowsheets are provided. One encloses the nominal design, and the other three were used for the flexibility evaluation of columns SR1, SR2, and TD, respectively. Note that a valid license to Aspen Plus v12 is required to open the files.

Python scripts for operating schemes 1 and 2 are provided.

Excel document “process results” comprises data put into and results exported from the Python scripts. The results were used to make the figures and tables in Chapter 3.

Excel document “Chapter 3 data” provides the data used to make the figure where the volume flexibility range was illustrated with a BESS of 20 GJ/h.