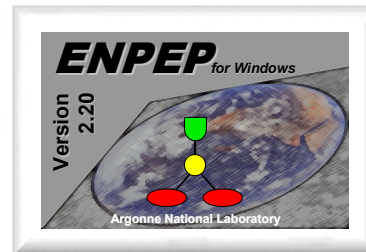


ENPEP-BALANCE File Structure

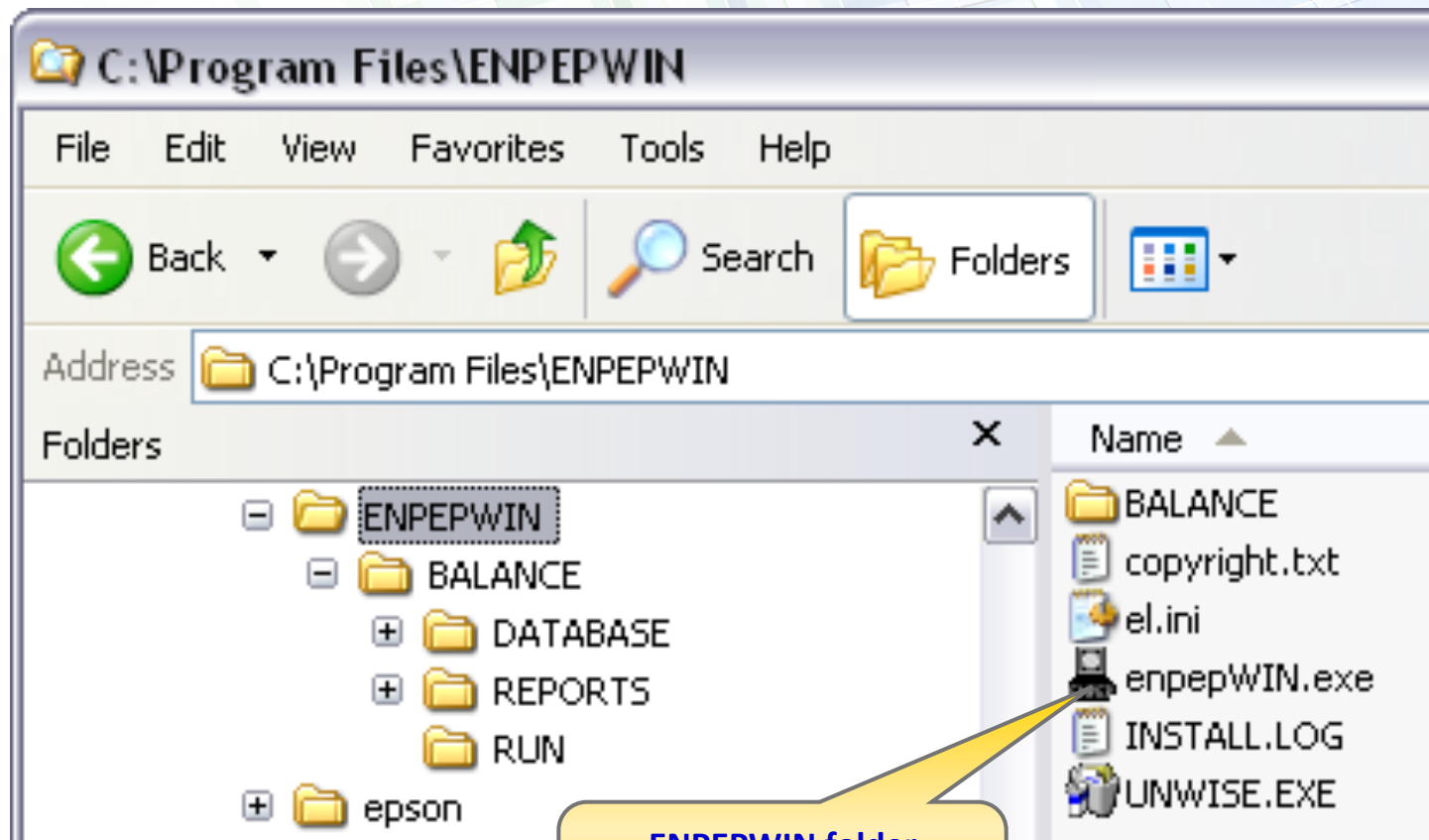
ENPEP-BALANCE Training Course
Singapore
December 5-9, 2011



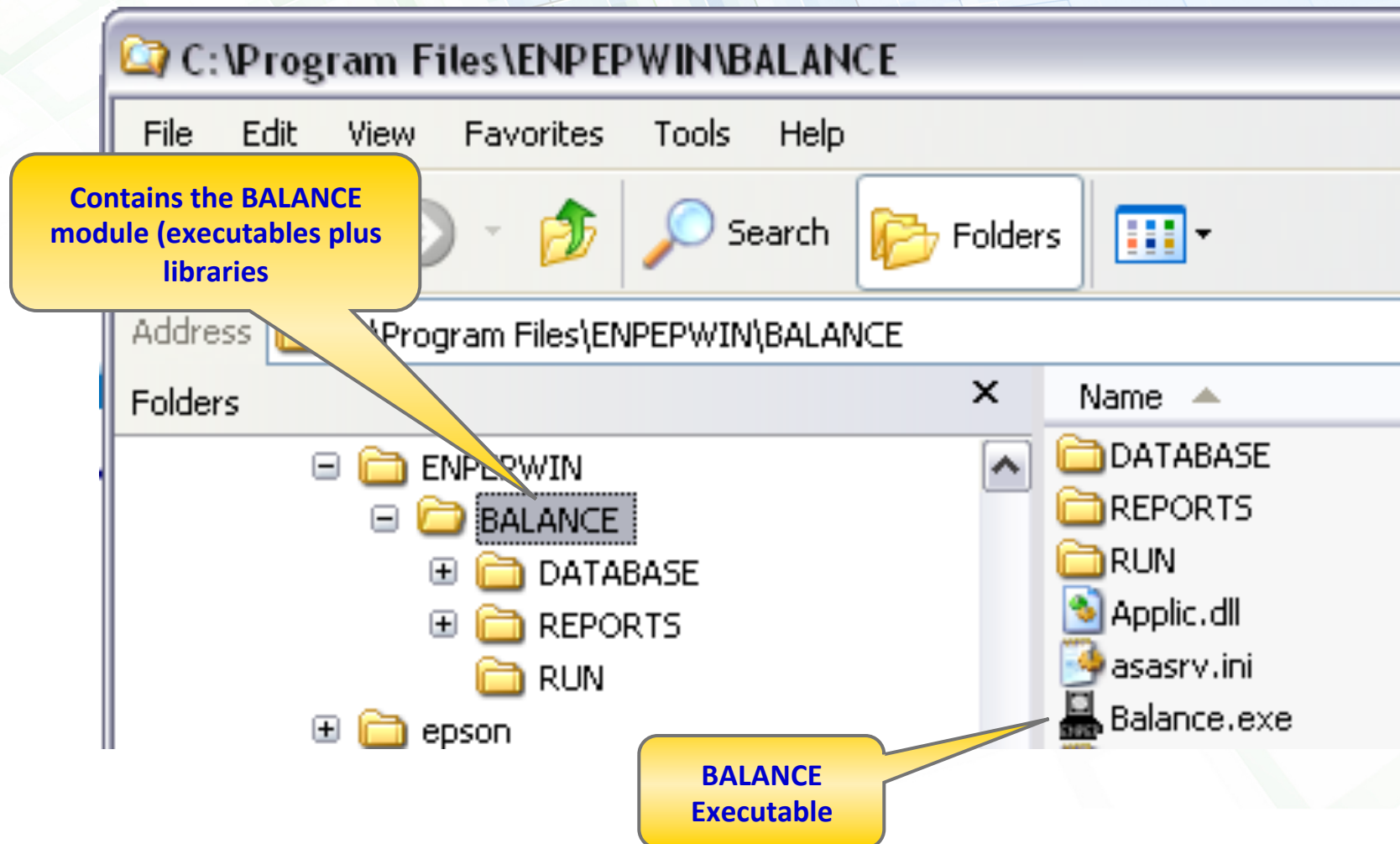
Guenter CONZELMANN
Center for Energy, Environmental, and Economic Systems Analysis
Decision and Information Sciences Division (DIS)
ARGONNE NATIONAL LABORATORY
9700 South Cass Avenue
Argonne, IL 60439
guenter@anl.gov; ++1-630-252-7173

The Default Installation Folder is C:\Program Files\ENPEPWIN

- In general, the software can be installed anywhere
- Windows VISTA and WINDOWS 7 users need to install under C:\ENPEPWIN



The BALANCE Folder Contains the ENPEP-BALANCE Executable, Databases, Output Reports, and the Run Folder



The DATABASE Folder Typically Contains all your Databases (But, in General, Databases Can be Located Anywhere)

The screenshot shows a Windows Explorer window with the address bar set to `C:\Program Files\ENPEPWIN\BALANCE\DATABASE`. The left pane shows the folder structure: `ENPEPWIN` > `BALANCE` > `DATABASE`. The right pane lists the contents of the `DATABASE` folder:

- BackUp (folder)
- blank.bak (file)
- DATABASES.DB (file)
- demo.db (file)
- Enpepwin.db (file)
- IL-BaseCase20060726.db (file)
- IL-BaseCase20061117.db (file)

The files `Enpepwin.db`, `IL-BaseCase20060726.db`, and `IL-BaseCase20061117.db` are circled in red.

Callouts:

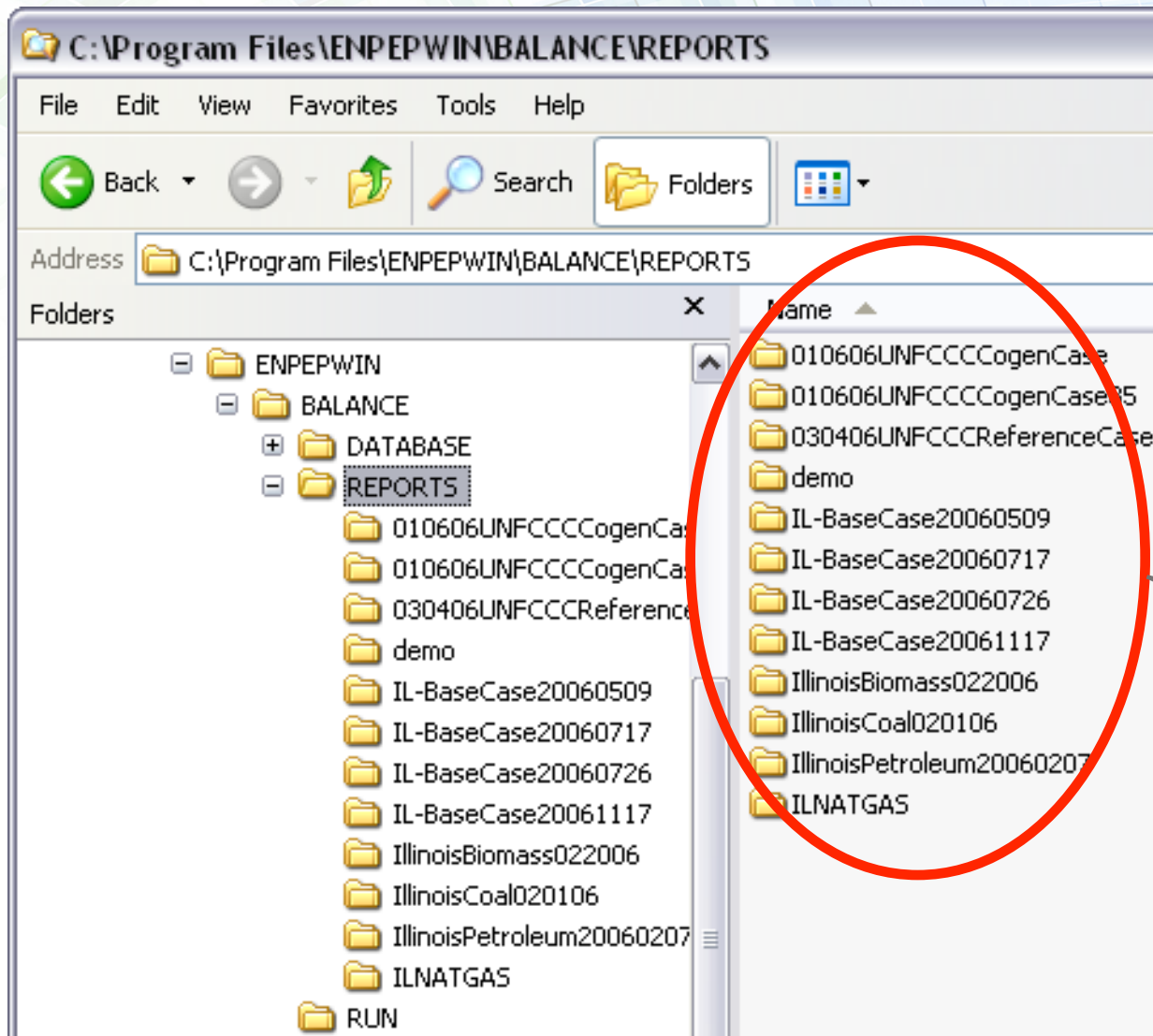
- The automatic backup routine will store backups in this folder (points to the `BackUp` folder)
- The blank.bak is a database with no data and will be used if you create a NEW database (points to `blank.bak`)
- The DATABASES.DB contains the list of databases shown in the "Study Screen" (points to `DATABASES.DB`)
- Different user-created databases (points to the circled files)

The Model Always Works with Just One Database: ENPEPWIN.db

- Open (double-click) your database, e.g., DEMO.DB
- The software will make a copy of DEMO.DB and rename it to ENPEPWIN.DB
- When you create cases, modify input data, run your simulation, and view result, all of this is done within ENPEPWIN.DB
- When you exit the database, the software will make a copy of ENPEPWIN.DB and rename it to DEMO.DB (and overwrite the previous one)

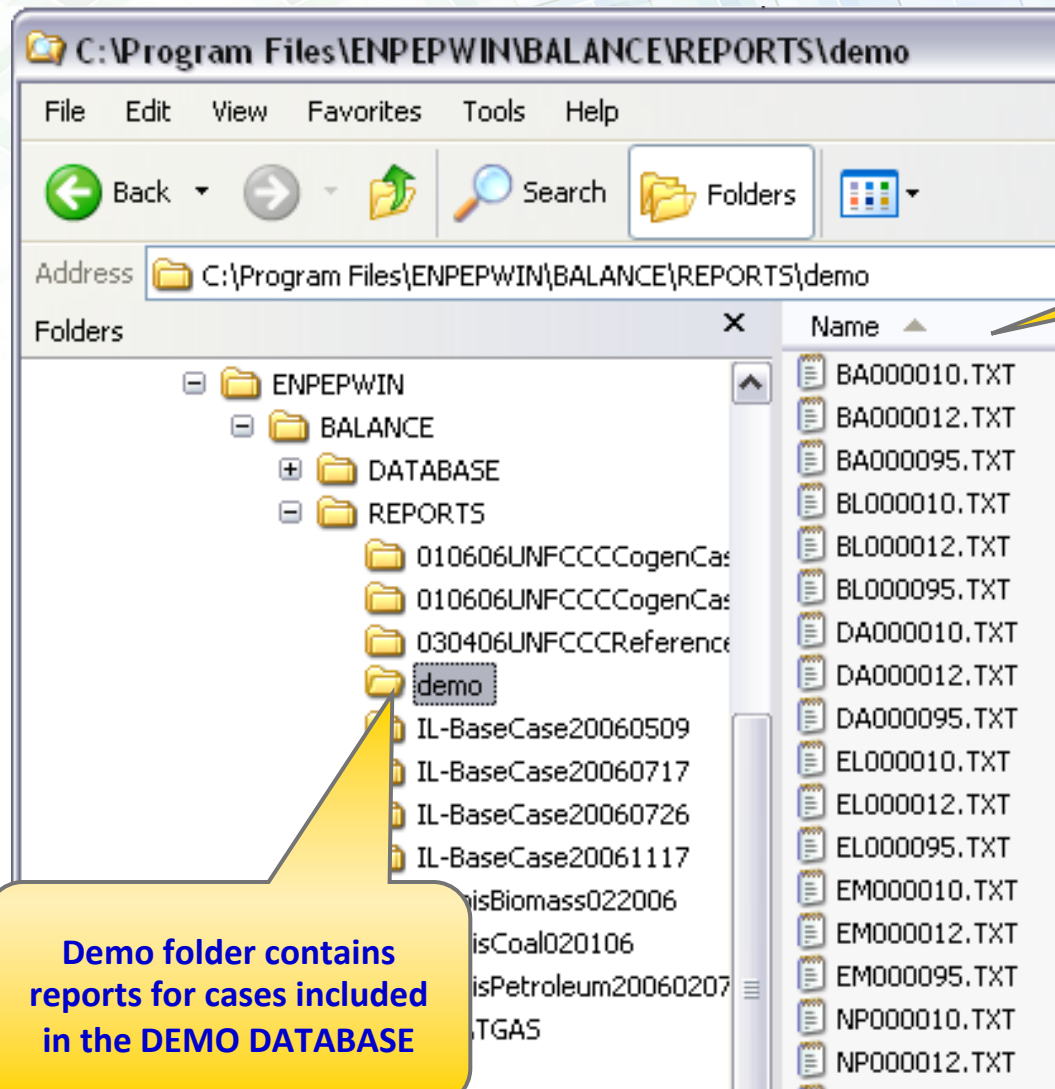


The REPORTS Folder Contains all Text-File Reports Created by the Model – Organized by Database

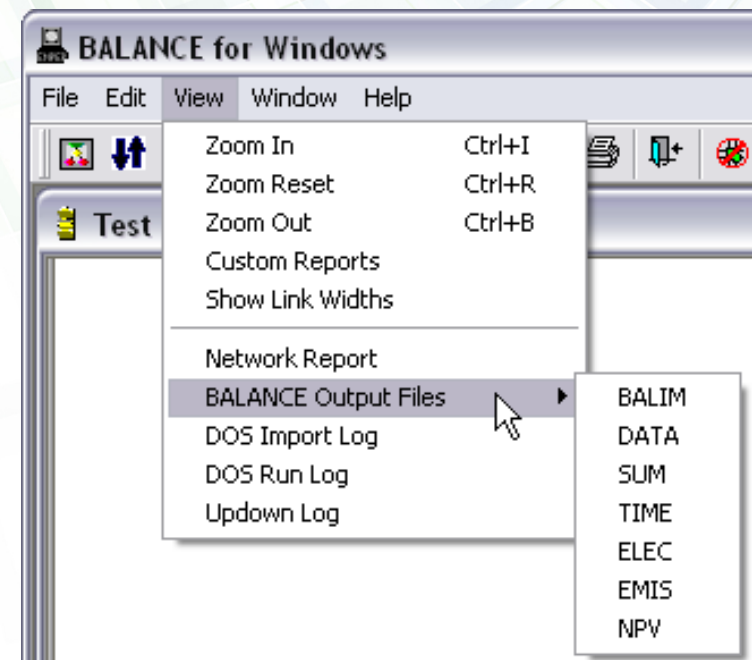


When you create a new database, a subfolder under REPORTS will be created with the same name; in this subfolder all reports will be saved for all cases that are contained in that specific database

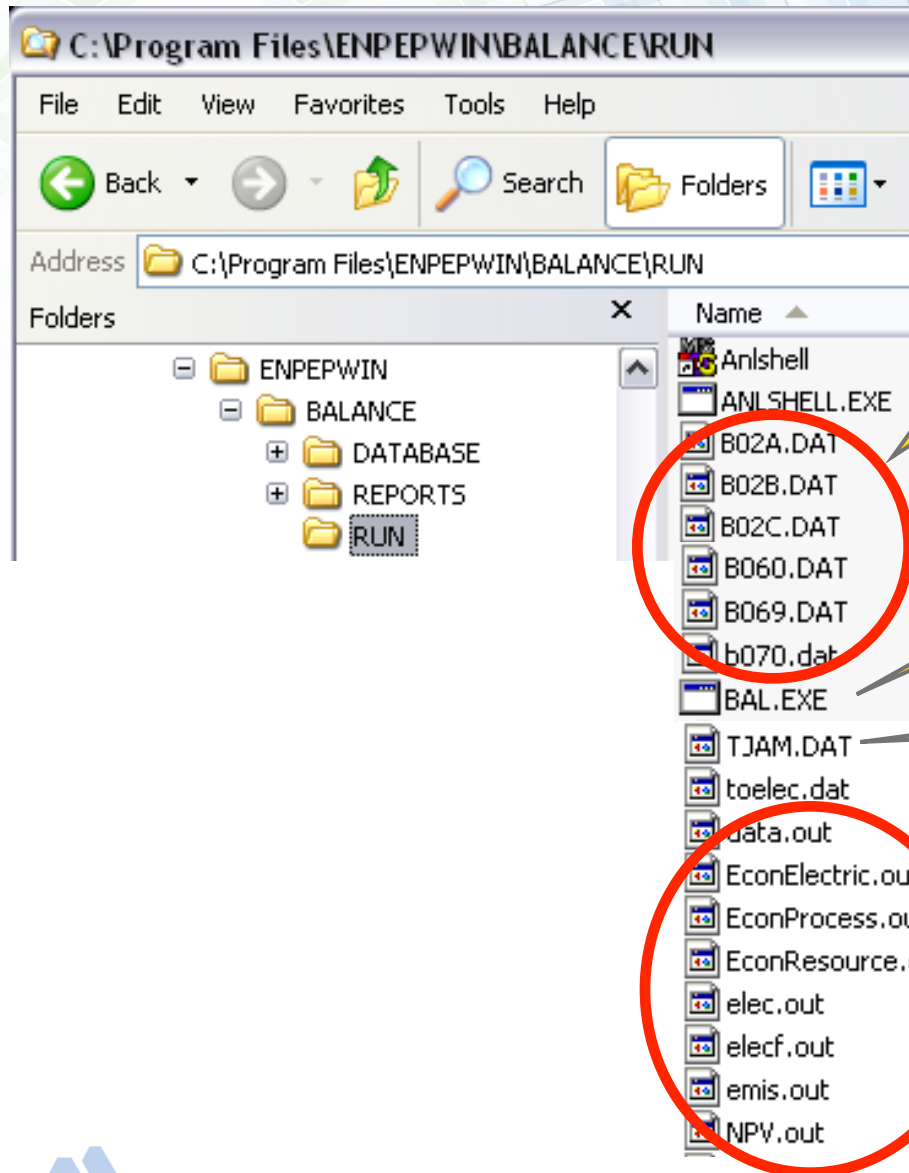
Available Report Files



Within the DEMO DATABASE, there may be 3 cases (10, 12, 95); this is why each file is shown three times; All files are accessible through the interface as well



The RUN Folder Contains the Actual Simulation Engine (C-Code) and Input & Output Files of Most Recent Model Run



Some of the input flat files created by ENPEP-BALANCE. These files are for the most recent model run only. Input files have the extension *.DAT

BAL.EXE is the actual simulation engine

TJAM.DAT is the combined input file read by BAL.EXE

Some of the output flat files created by ENPEP-BALANCE. These files are for the most recent model run only. Output files have the extension *.OUT