To-do: OptiFlow in Balmorel

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|  | **bb4 folder** |  | **Comments** |
| optiflow\_bounds | YES | Included in optiflow\_varloupfx |  |
| optiflow\_deceq | YES | Included in optiflow\_eqndecdef |  |
| optiflow\_eproduction\_rst |  |  | Is outcommented – check up! |
| optiflow\_equations | YES | Included in optiflow\_eqndecdef |  |
| optiflow\_error2 | YES |  |  |
| optiflow\_fuelconsumption\_c |  |  | Empty – I suggest to be deleted |
| optiflow\_hdemand\_ast |  |  | Empty – I suggest to be deleted (used as eco heat profile) |
| optiflow\_hproduction\_ast |  |  | Check up! |
| optiflow\_isetdecdef | YES | Included in optiflow\_isetdecdef |  |
| optiflow\_modeldef | YES | Included in optiflow\_balbase4 |  |
| optiflow\_outputcalculation |  |  | Used for output calculations – check up where to put it! |
| optiflow\_output |  |  | Empty – I suggest to be deleted |
| optiflow\_outputgdx |  |  | Empty – I suggest to be deleted |
| optiflow\_parameters\_bal\_upd |  |  | Empty – I suggest to be deleted |
| optiflow\_parameters | YES | Included in optiflow\_pardefine |  |
| optiflow\_qeeq | YES |  |  |
| optiflow\_qgeqaf |  |  | Link to Balmorel, check it |
| optiflow\_qh2eq\_area |  |  | Link to Balmorel, I suggest to delete it |
| optiflow\_qheq | YES |  |  |
| optiflow\_qobj | YES | Included in optiflow\_qobj |  |
| optiflow\_sim | YES |  |  |
| optiflow\_variables | YES | Included in optiflow\_vardeclare |  |
| optiflowgams |  |  | I don’t know if this should be included |
| optiflowopt | YES | Included in balopt |  |
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| optiflow\_balbase4 |  | OptiFLow\_modeldef |  |
| optiflow\_eqndecdef |  | Combi of OptiFlow\_deceq and OptiFlow\_equations |  |
| optiflow\_error2 |  |  | Might need another check up |
| optiflow\_isetdecdef |  | optiflow\_isetdecdef |  |
| optiflow\_pardefine |  | OptiFlow\_parameters |  |
| optiflow\_qeeq |  |  |  |
| optiflow\_qheq |  |  |  |
| optiflow\_qobj |  |  |  |
| optiflow\_sim |  |  | Some issues inside the file |
| optiflow\_vardeclare |  | Optiflow\_variables |  |
| optiflow\_varloupfx |  | OptiFlow\_bounds |  |

Agkndisc and apkndisc folder is not yet converted, as it is already an addon in Balmorel. Should perhaps only appear in one place.

Compare OptiFlow BB4 with hydrogen addon BB4 – seems ok for continuing to adjust hooks in order to be able to run the model

Hooks:

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| --- | --- | --- | --- |
|  | **Hooks** |  | **Comments** |
|  |  |  |  |
| optiflow\_balbase4 | YES |  |  |
| optiflow\_eqndecdef | YES |  |  |
| optiflow\_error2 | YES | Is outcommented now |  |
| optiflow\_isetdecdef | YES |  |  |
| optiflow\_pardefine | YES |  |  |
| optiflow\_qeeq | YES |  |  |
| optiflow\_qheq | YES | Seems to have some issues for hydrogen addon |  |
| optiflow\_qobj | YES |  |  |
| optiflow\_sim | YES |  |  |
| optiflow\_vardeclare | YES |  |  |
| optiflow\_varloupfx | YES |  |  |
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