

OT05: Optimize data production

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| Actors | User |
| Description | The application receives new data from the user to optimize, and the OPT algorithm optimizes heat and electricity data production(data of heat demands and electric prices). |
| Data | Data import, Data export, Boilers. |
| Pre-conditions | API-1: User login (user account must exist). SDM-3: Add data to ProfHeat (ProfHeat name of application, data must be validated). AM-2: Select multiple boiler checkboxes to ProfHeat algorithm (boilers must active). |
| Steps | <ol style="list-style-type: none">1. User goes to Optimize tap.2. User clicks button "Import Data".3. User select a csv file as a data import file.4. User selects multiple boiler checkboxes.5. User clicks button "Optimize".6. User goes to Data Visualizer tap.7. User gets data graphs.8. User clicks button "Export Results".9. User select folder to save a csv file as a data results. |
| Post-conditions | Data graphs exists in the system, and data results exists in saved csv file. |