Group Contract

Project Name: Strategic investment problem for power plant operators

Project Due Date: 28/11/2024

Team Members

Name	Phone #	Email
Alexandru Catruc	50275178	s203696@student.dtu.dk
Frederik Skou Fertin	61143148	s203679@student.dtu.dk
Jacob Sterup Skaarup	26827888	s203693@student.dtu.dk
Yannik Heiser	71945221	yahei@dtu.dk

Team Agreement and Ground Rules

Issue	Agreements
Personal Interactions	• Non-violent
Roles and Responsibilities	• Catruc is team manager – responsible for deadlines and cake. • Fertin is team member – not responsible • Jacob is technical lead – responsible for quality of work. • Yannik is innovative lead – responsible.
Distribution of the Workload	• All work will be equally distributed as indicated in the table below. Additional focus on personal strength will decide on the optimal work load distribution.
Managing conflict	• Should a disagreement happen between group members, we will first try to solve it without violence
Communication	• Happens in Messenger and in person
Other	• Keep pushing

Description of Project

Read group project description for option #2: Strategic investment problem for power plant operators

What products will the group generate to complete this project?

- Directory of data and scripts and a main notebook implementing the methodology and results production.

- A report which introduces the project, scope, data gathering, scenario generation, model formulation, implementation description and computational aspects, results, discussion, further work, conclusion.

What research is needed to do this project?

- Research on input data, scenario reduction methods, complementarity modelling

Proposed Timeline

Week	**Task**
5	Decide on the project, the scope of the project and timeline. Group contract
7	First optional deliverable: project statement and motivation
10	Second optional deliverable: model formulation and solution model
12	Third optional deliverable: Implementation and computational challenges
13	Fourth optional deliverable: result analysis
14	Final report