Homework 8

Question 18.1

Considerations:

* Which shutoffs should be done each month?
* Some of the workers’ time is taken up by travel. Schedule accordingly.
* Some shutoffs shouldn’t be done. How do we identify them?
* How should shutoffs be prioritized?
* Can have the output of 1 model be the input to another (won’t the error compound?)

Possible Data Required:

* Location and travelling times between houses
* Number of workers available – number of working hours availed to workers
* Budget of the power company, profits, losses, wages paid to employees

Student Answer

{given this data, use this model, to get this solution}

1. Determine how

Definitely an optimization problem