Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Company: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Complete an end-user steam mass balance by individual header level for your plant. Ensure that you have accounted for all significant steam energy users which should total >85% of your total steam usage.
2. Complete your steam system model from Homework #3 to more accurately represent your steam balance and your plant operations. If you want to create two or at most three models to account for seasonality, production schedules.
3. Compare actual steam generation by your boiler to steam generated as per the MEASUR steam system model.
4. Compare your fuel costs with your plant’s actual fuel costs.
5. Use your plant’s utility costs to calculate your marginal steam cost ($/klb).
6. Save the file as BaseModel on your computer and send us the .json file.