Group 14 members present: Wai Lam (Janice), Laura, Megan, Che Yao, Seth

- Analysing the sample answer interpretation for checkpoint 3
- Fix the 4 highest prices (to discharge), set 300 for the 3 highest prices then the last one 260 because it's the remaining to get 580
- **Approach 1**: take the average of the spot price for each day for the same period (basically plot a duck curve), then we see which periods are the (generally) the lowest and which are the highest
- **Approach 2**: Looking at the current period, we decide to charge based on future data and decide to discharge based on past data. We can give them different weights/proportion based on time because the duck curve tell us when the prices are highest and lowest
- **General**: a battery that compares current prices to past and future observed prices to determine whether to charge and discharge (for past and future 24 periods each - TBC)
- We tried expanding on the algorithm for Checkpoint 3 by extracting a sub-sample of 3 days worth of data
- **New algorithm we are using**: iterate over every single row -> slice the past 24 periods and future 24 periods from the current period and determine whether we should charge of discharge
    - For the first 24 periods, we just look at the future periods since there are no past periods
    - If current period's spot price > past average then we discharge, if current period's spot price < future average then we charge (provided they meet our threshold)