**Homework**

**Power Scheduling**

**Max Pts 20**

The objective of the assignment is to run the powersched1.m file which we went over in class. You all will get different binary string of length 28 as a possible solution to the problem. All should be valid solutions with net reserve of 110.

Use the binary string obtained to calculate the net reserve in each quarter. Use this information to generate a histogram like the one in ppts we went over in the class. The plot should clearly indicate which units are generating power and which are down for maintenance and the net reserve for each quarter.

Turn me in the output binary string you obtained including calculations of net reserve for each quarter and the corresponding histogram.