Week 5 - Assignment 4.7

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Use a 10kWh Battery with Capital Cost €1,00,000 with life of 3000 cycles, use of 1 cycle per day. Use 9.9 DSoC and have 80% ECoL, and take the rate of interest as 12%.

1) Use PMT in excel to compute usage cost per kWh of battery. The cost per kWh is

No. the answer is incorrect.
Score: 0
Accepted Answers
(Typo: Range 0.00.0)

2) Use the PMT approximation discussed to compute usage cost per kWh of battery. The cost per kWh is (Correct up to 2 decimal places)

No. the answer is incorrect.
Score: 0
Accepted Answers
(Typo: Range 0.00.0)

3) Now assume the life-cycle of the battery is impacted by calendar life by 1% per year. Compute usage cost per kWh (Correct up to 1 decimal place)

No. the answer is incorrect.
Score: 0
Accepted Answers
(Typo: Range 8.28.6)