ENEL 487

Practice Set 3

The following questions are based on the 6th edition of "Power System Analysis and Design" by Glover. From Chapters 4 & 5 of the book, please attempt the following problems:

Note: In the following problems, the textbook refers to impedances as "positive sequence" values. You can ignore this expression for this course since we only deal with positive sequence values in the first place. (i.e. abc sequence with 120° phase shift)

- **4.10**
- **4.18**
- **4.25 :** Not required to calculate resistance per phase at 70° C
- **4.34**
- **4.39**
- **5.2 :** Parts (a) & (b)
- **5.14**
- **5.26 :** Parts (a) & (b)
- **5.41 :** Parts (a) – (c)