

EE 446/646 – Assignment # 2

Name:

Use TMY3 data for Las Vegas, NV (Latitude =36 deg.) to determine the expected daily average of solar energy ($\text{kWh/m}^2/\text{day}$) that is received by a solar collector that faces south and tilted at an angle that is equal to that of the local latitude. Show detailed data of you calculations for the 1st 24 hours of the year, and the daily average requested above.