Read in input tables # customer to rate, rate charges

Read in consumption data

#If customer has one meter:

#CONTINUE

#Else:

#Calculate for each meter schedule

Transform consumption data

For each day,

Calculate Hourly Charges #only energy charges

write to new column

For each month,

Calculate Monthly Charges #only demand charges

Generate 1-year Time-Series Plots #demand and energy charges

for Energy (kWh), Demand/Facility ($/kW), Demand/Summer Time ($/kW), #Fixed Charges (1-ph service charge ($/month), #State Tax and City Tax), #Others(Voltage Discount ($/kW), #Customer Charges ($/Meter/Month), #CA Climate Credit ($/kWh), #TOU Meter Charges ($/Meter/Month)

Generate table with monthly totals