**# Stock-Analysis via Visual Basic Application**

## **Overview of Project** – This project is to analysis Green Stocks and their performance in 2017 & 2018 and understand their returns and the volume traded.

### **Purpose** – Purpose of this project is mainly to learn VBA codes such as Loop, ForLoop, Variable, Conditions etc. During the entire learning, we need to help Steve to understand the performance of the Green Stocks during 2017 & 2018 and how was their Liquidity in terms of volume traded. It was a very good project and the learning during this project was immense.

## **Analysis and Challenges** – The analysis was firstly about DQ stock, its performance as Steve parents were mainly interested in investing their savings in this stock. However, when we started doing analysis of more Green Stock, we got to understand that DQ is not as good as other Green Stocks and Steve parents can look into other options as well. The biggest challenge was that we only had some 12 stocks to analyses and hence we were having less options. The project was itself challenging as making things move in EXCEL by coding in VBA was something I never though of. However, it was fun at the same time lot of learning about VBA coding.

### **Outcomes Based on this analysis** – We have given the analysis to Steve and the outcome was different for different years. Green stocks were doing good in 2017 with average return of more than 60%. However, in 2018 things changed and the returns of very same stock was in negative approx -20%(in negative). Hence once can say that Steve had only 1 or 2 stocks, from this list of stock, which could be good for investment. Orelse Steve has to look for other options. We have made the Macro which Steve can use to find out the outcome of other stocks just by inputting basic details of those stocks.

### **Challenges and Difficulties Encountered** - The challenge is about the data used. We had only 12 tickers (stocks) to look into and the year wise return was different drastically. Hence Steve should definitely see other options before investing in these Stocks.

## **Results** – There was only 1 stock, in 2017, whose return was in negative and the overall return of the portfolio (12 stocks) was more than 60%. But, entire scenario changed in 2018. 10 stocks were in negative with overall return of -20% on the portfolio. Steve definitely needs to look at other option of seriously think about ticker ENPH & RUN which has given positive return in 2017 as well as 2018