USE CASE – OVER VIEW

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| **Use Case #** | **Description** | **Version** | **Updated date** | **Start date and end date** |
| GE-12 | Energy Aspects Automation. | Version 1 | WIP |  |

* Objective

The objective of this project is to deploy the Robotic Process Automation Solution for "**Energy Aspects Automation**" Excel Reports from Energy Aspects portal . The automation will be developed and tested on Live Applications on development machines assigned to TECHFORCE team. Once the UAT (Users Assessment Test) is successful, the RPA solution will be commissioned for the Live Operation.

* Process Overview

This process is for Generating reports from Energy aspects portal.this following reports needs to be downloaded from energy aspects portal and Shared through Email [crude oil,global light fuels,global blances and Refinery runs]

* Global demand(priority)
* Non-OPEC Crude Supplies
* OPEC Crude Supplies
* Global Blance Light Fuels
* Global Gasoline Demand(priority)
* global Gasoline Naphtha demand(priority)
* Gobal Gasoline supply
* Global Gasoline Naphtha Supply
* Global Blance Middle distillates
* Global diesel demand(priority)
* Global diesel supply
* Global jet balances
* Global jet demand(priority)
* Global jet supply
* Global Refinery Runs

Process Steps

1. we create an Api - key in Energy Aspects portal(once)
2. With above api key we were able to download excel reports from portal
3. We are using Python script for downloading report
4. In that report,we will get the Whole data from that portal
5. from that data we need to separate the require data.using Data set id.
6. with data set id we were able to get each and every report inform JSON.
7. By using that json we are Converting into Excel Report.
8. Repeat step 5,6 for each and every report mentioned above and append the new data to the same excel.
9. this consolidated report will be Shared through Outlook.

* Solution Scope & not in scope

This is a brief description of what is to be included and excluded from the product or solution, divided into the following subsections.

* If Energy aspects portal or API is Down or able get data.we can't generate any excel report .
* If the data from the api is wrong,bot will share the data as it is.