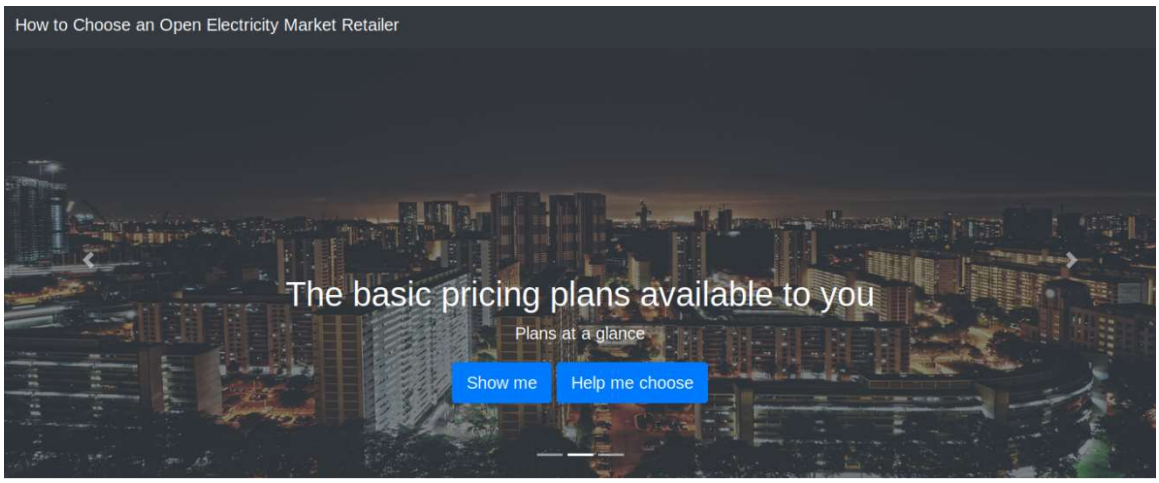

Power Supplier Recommender

User Guide

Introduction

Our Power Supplier Recommender system is a Web information system, which is targeted at all Singaporean considering to switch to a different power supplier. The website will ask a series of question, and generate the best 3 power supplier plans that fits the user requirements.

Getting Started

System Requirements

Power Supplier Recommender system supports the following Web Browsers:
- Internet Explorer 11
- Microsoft Edge 39 and above
- Firefox 53 and 52 ESR and above
- Google Chrome Version 59 and above
- Safari Version 10 and above

Quick Start

In order to run the system, you will need to have a working Python installation with the necessary libraries installed:
- python-clips (install using apt-get)
- CLIPS
- Django

Please note that this application only works in Python 2.
To install the libraries above, key in the command “pip install <library’s name>”. To run our system, simply open a terminal, enter:
cd <path of the system>/psr
python manage.py runserver

Launching the Application

Open up your preferred browser and go to the URL “http://127.0.0.1:8000/” as shown below:

Introduction
To find out more about how to choose the best pricing plans, click on “Show me”

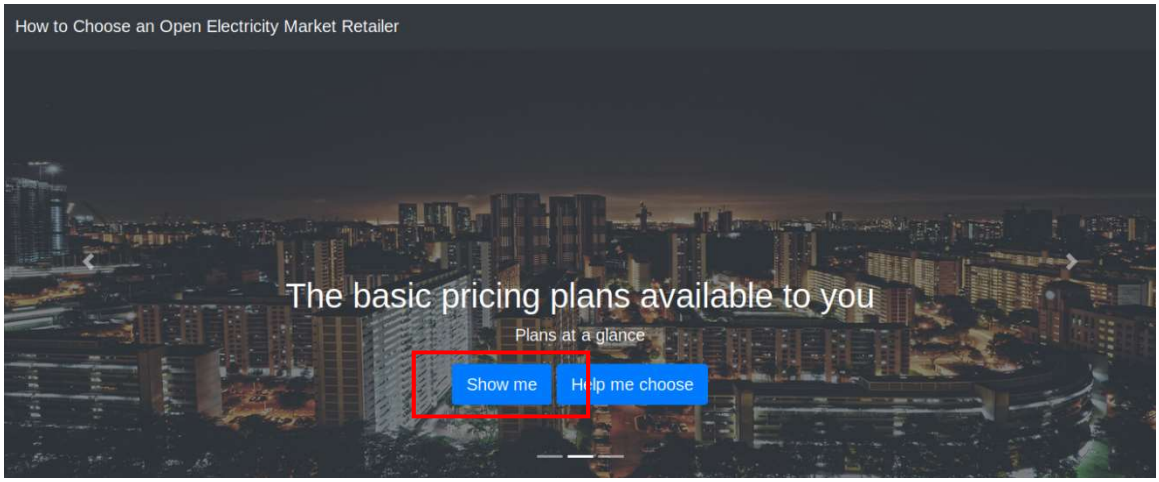

Figure 1: Power Supplier Recommender landing page

This will lead to an introduction page on choosing the best pricing plans.

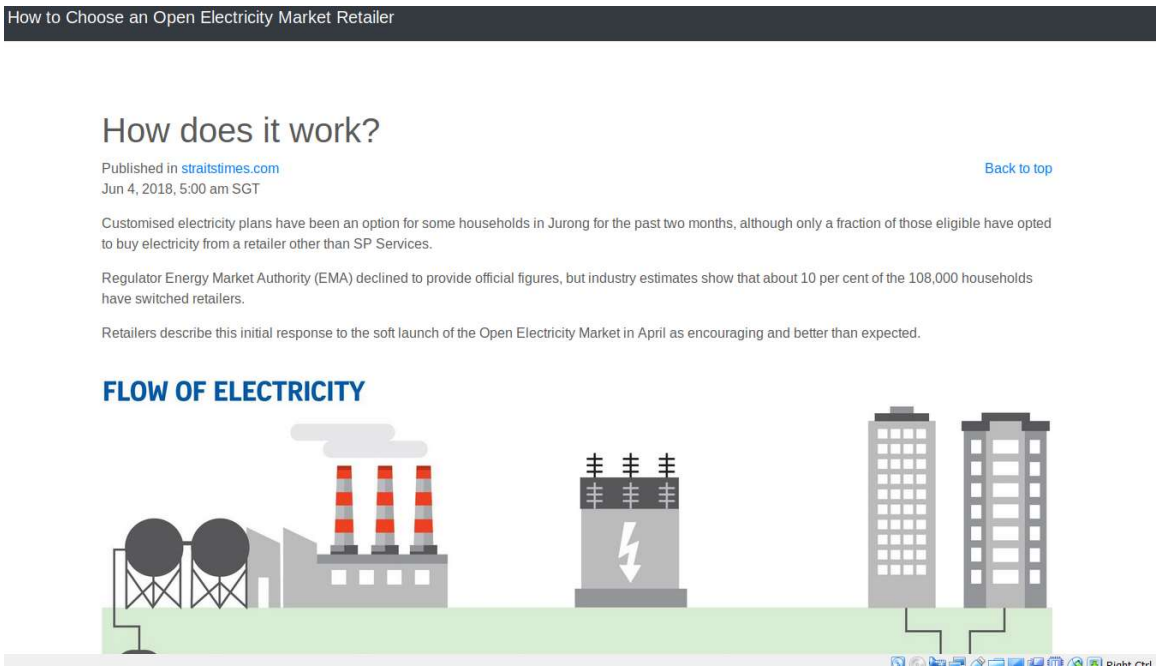

Figure 2: How does it work

Launching the recommender

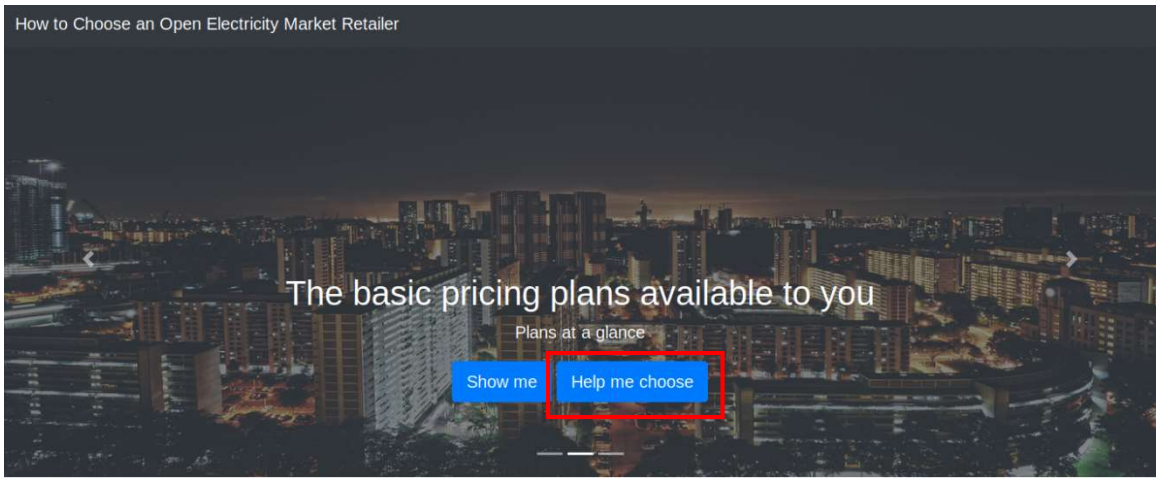

Figure 3: Launching the recommender

Then click "Help me choose". This will lead to the questionnaire session where users would select their choices based on the questions asked. Below is an example:

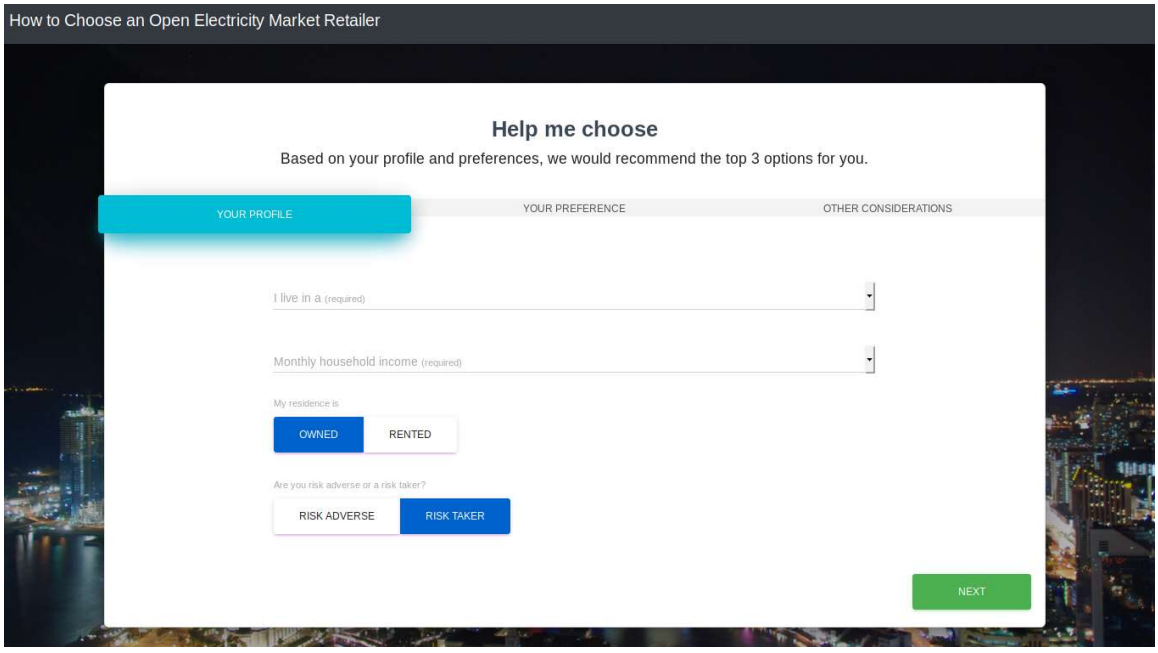

Figure 4: Enter profile

The user will answer 9 questions. After all the questions have been asked, our system will gather all the facts. Using our inference engine, the system will then output the top 3 Power Supplier plans that best fit the user's description and requirement. Below shows one such example of the output:

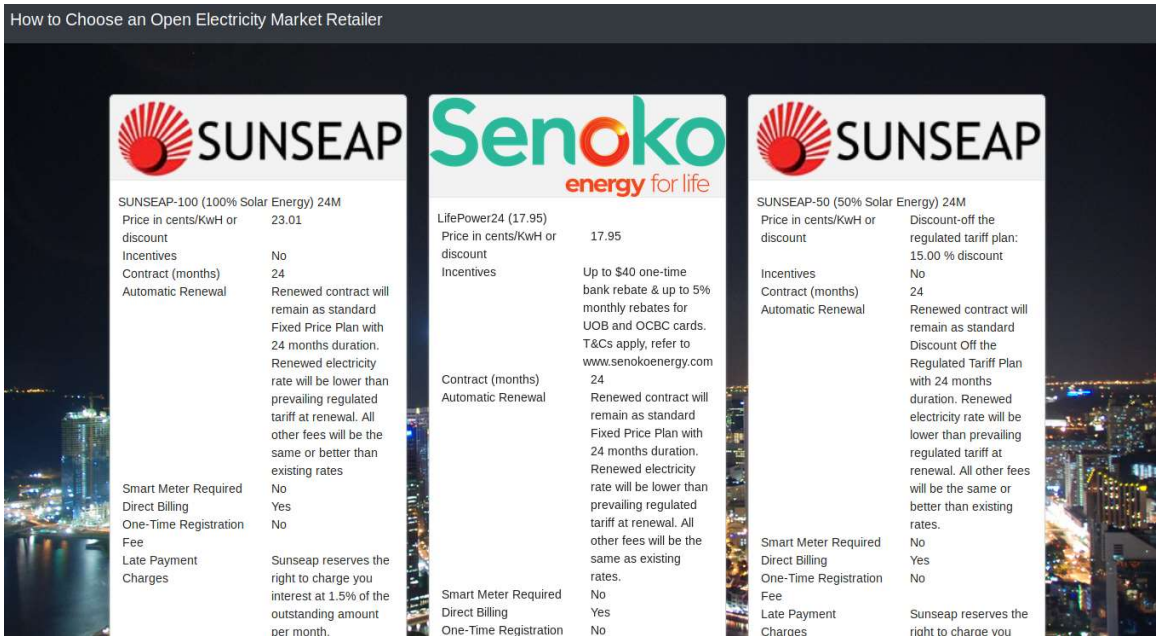

Figure 5: Display results