**NM2207 Final Project Storyboard**

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| Background | There has been a lot of hype in recent years regarding renewable energy, with activists such as Greta Thunberg spearheading protests against practices that are harmful to the environment, and governments pledging to turn away from fossil fuels and use more renewable sources of energy.  Closer to home, the Singapore government has also launched the SG Green Plan 2030, with a set of targets to turn Singapore into a cleaner and greener country. But as the stipulated deadline looms, I would like to find out what is Singapore’s progress in making those targets a reality, and if a massive change such as turning to renewable energy is worth it. |
| Data | The data used are mainly excel files from online public sources, and infographics from media outlets such as Channel News Asia. The links to the websites are here:  Global energy consumption patterns and sources - “Energy consumption by source, Singapore”:  <https://ourworldindata.org/energy/country/singapore#what-sources-does-the-country-get-its-energy-from>  (I filtered the data to only reflect Singapore’s consumption levels)  Infographic for pie chart - “Distribution of Solar Panels in Singapore”:  <https://www.ema.gov.sg/singapore-energy-statistics/Ch06/index6>  Excel spreadsheet with the tabular data:  <https://www.ema.gov.sg/assets/stat_table/SES_Public_2022.xlsx>  (I used data from Section 6 of this spreadsheet, as it corresponds to solar energy usage)  Number of EV charging points as of 2022:  <https://paultan.org/2022/09/05/singapore-now-has-over-3000-public-ev-charging-points-with-more-to-be-installed-says-countrys-lta/> |
| Problem Statement | We need to find out Singapore’s current levels of consumption of renewable energy, in order to determine if Singapore is on track to meet its goals in the SG Green Plan 2030.  Question:  How has Singapore performed in its efforts to increase use of renewable energy, particularly in solar power and electric vehicles, and how likely is it to meet its targets in the SG Green Plan 2030? |
| Analysis |  |
| Recommendation |  |
| Findings |  |