Research topic

Solar energy generation

Utilization of solar in non-domestic entities

Solar panel imports

Amount of energy export (to Singapore?)

Number of households having panel installed

Amount of electricity generated

Amount of electricity consumed

Solar power stat in AUS

Solar pricing

Research question options

Electricity price throughout day, season, location

Peak price optimization

Maximization on saving on electricity bill

Analysis

Model

Data warehouse setup and justification

Github repository setup

Timeline:

1st week

Github repos , research questions , AWS account

2nd week

3rd week

4th week

Submit report + code + individual report

Action Points (29/09)

* Marco to enquire BOM for free access to dataset (gridded data of solar)
* Rato to explore Redshift setup
* Rato to sign up to Solcast
* Cecilia to enquire Duhita and Shibani regarding the roles of github admin / contributors / external
* All to continue to research into the topic