

AN EXPLORATION OF ELETRICITY CONSUMPTION PATTERNS :

CONTENT:

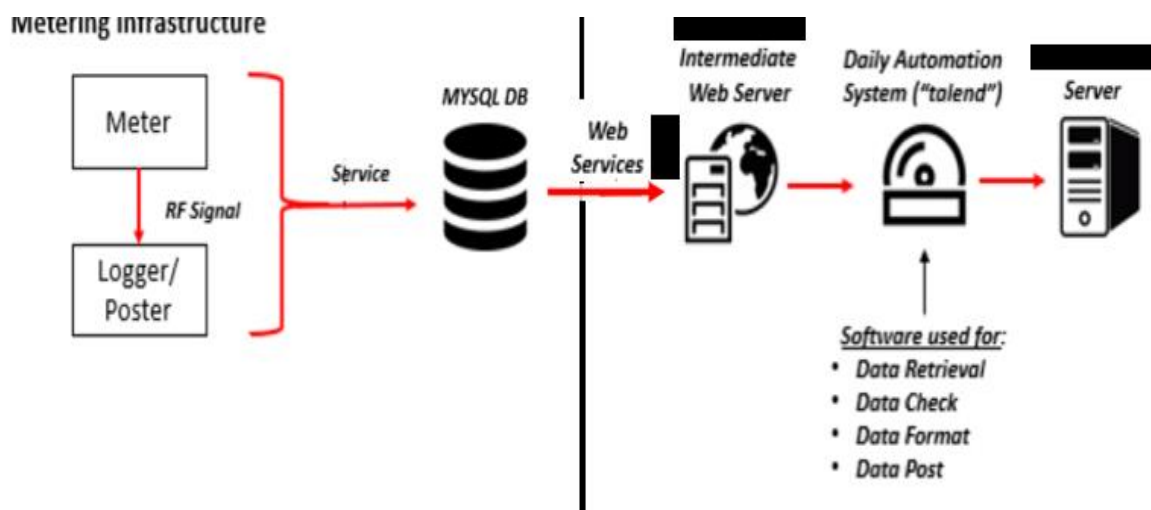
- The energy consumption pattern is an essential part of the city services and becomes a metabolic theory in urban areas, which constitute a reference framework in integrated urban energy systems. According to this theory, the city needs resources and energy for implementation of the metabolism energy flows.
- “SAVE ELETRICITY SAVE WORLD” in the growth of organization.

CONSUMPTION PATTERNS:

- Consumption pattern of energy **shows the percentage use of different sources** (solar energy, wind energy, geothermal energy, biogas, and tidal power).
- Commercial energy makes up about 65% of the total energy consumed in India.

ENERGY CONSUMPTION:

- The measurements and the collection of all the data are processed and analyzed in order to produce graphs and indicators for the electrical energy consumption of each dwelling, as well as the whole of the sample.
- The conceptual architecture of the method described above.

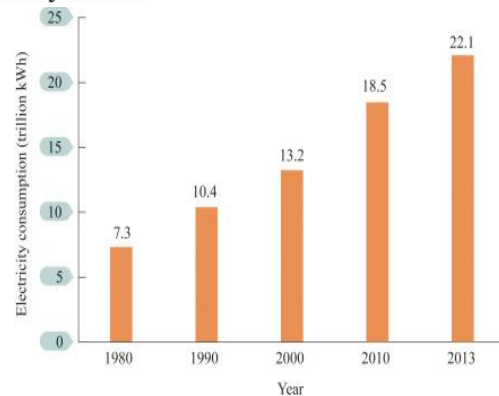


Greenhouse gases (GHG) emissions will hold steady or might even increase in developed countries if effective reduction of energy consumption will not be taken (Lomas, 2010), contrary to policy goals aiming a transition towards low carbon economies.

Furthermore, tailoring of energy efficiency measures based on specific household profiles enables the change of behaviour and equipment with the ultimate goal of an effective energy consumption reduction and load curve consumption peaks minimization.

* The empirical work that we have conducted advances the knowledge on household consumption patterns. Besides of the identification of the factors characterizing selected electricity profiles, this paper discloses the importance of the future widespread use of smart meters.

- Some reviewed studies did not describe the interfaces in detail, and those that did were not representative of the interactivity and complexity that we see in innovative energy feedback systems.



- During the duration of the study, participants were emailed a weekly reminder to annotate their Consumption Graph. The data collected in this study includes house-level electricity consumption, the annotations created by participants and interaction logs (i.e. when and how long participants used Energy).
- Consumption pattern of energy shows the percentage use of different sources (solar energy, wind energy, geothermal energy, biogas, and tidal power). The consumption pattern of energy changes over time. Commercial sources of energy: Commercial energy makes up about 65% of the total energy consumed in India.
- Energy is fundamental to the economic progress of the nation and is vital in every sector of an economy for survival and growth. The consumption of energy is going to rise further in the near future, as it sees an increase in population.

