

SIMON FRASER UNIVERSITY ENGAGING THE WORLD

Non-Intrusive Load Monitoring

- Non-intrusive load monitoring (NILM) is known as the process of determining which appliances are ON and their respective power consumption through a single supply entry point
- Most of the existing NILM methods estimate the current ON appliances only using electrical measurements
- Certain appliances have a higher chance of being ON at certain times of day
- Therefore, there is high potential to utilize such time-ofday information for NILM

Time-of-Day Usage Patterns



INCORPORATING TIME-OF-DAY USAGE PATTERNS INTO NON-INTRUSIVE LOAD MONITORING

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