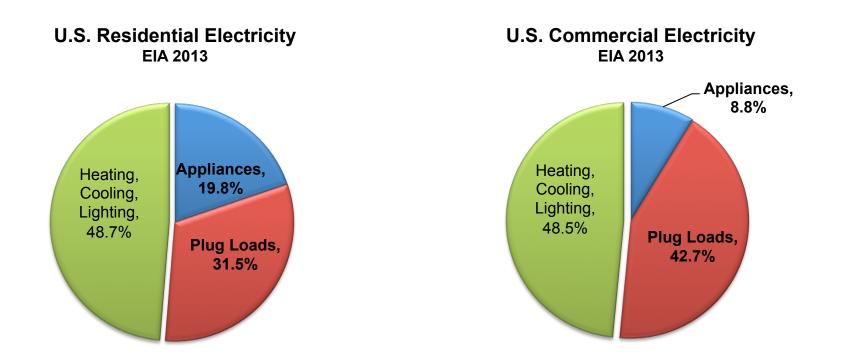
A Vision and Strategic Framework for Plug Load Energy Efficiency



Pierre Delforge – NRDC Vojin Zivojnovic - AGGIOS

CalPlug Workshop Nov. 5, 2013

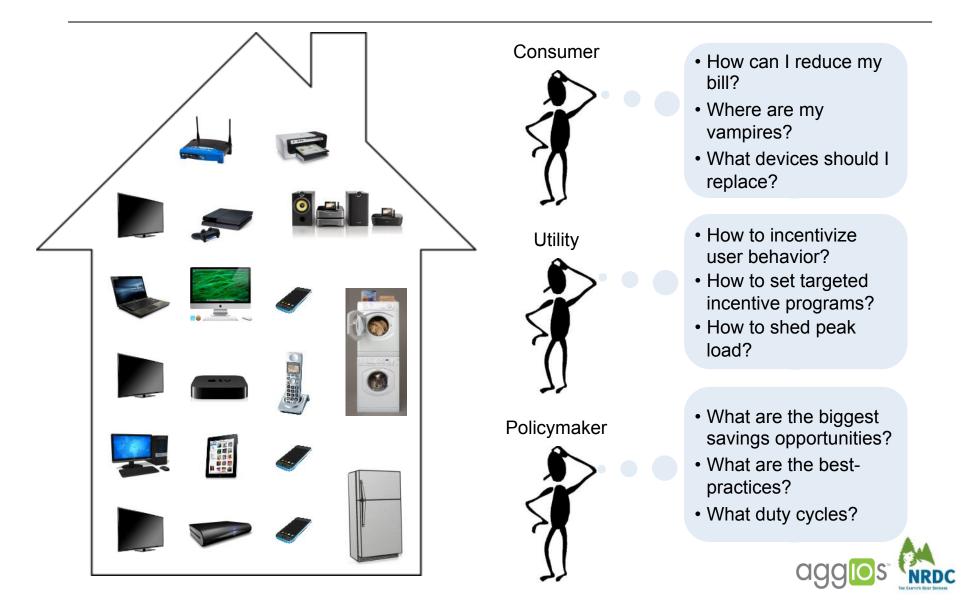
Plugs loads already represent the majority of home and office electricity consumption, and growing



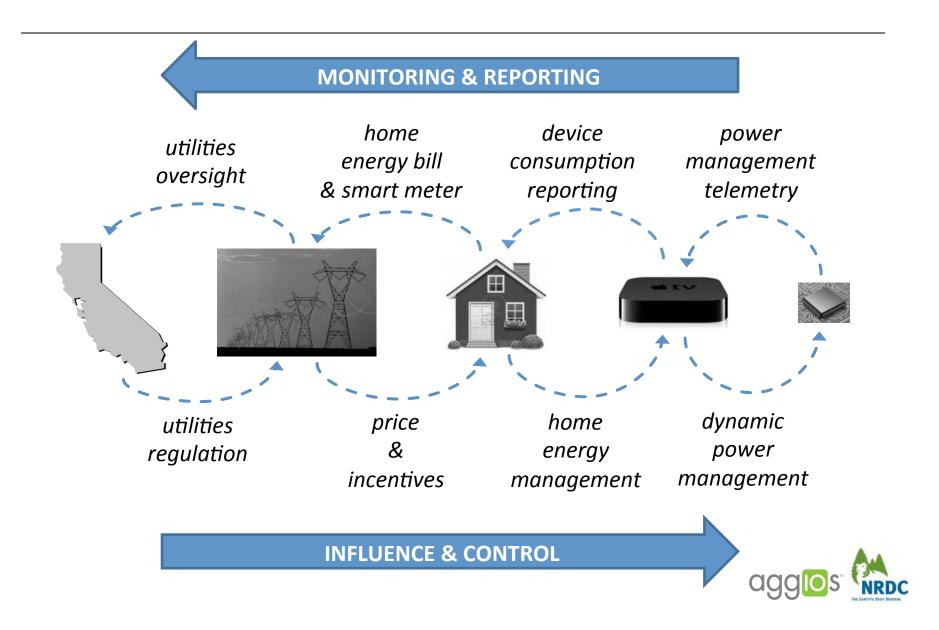
By 2040, EIA projects that plug loads and appliances will represent 55% / 60% of residential / commercial electricity consumption (EIA 2013).



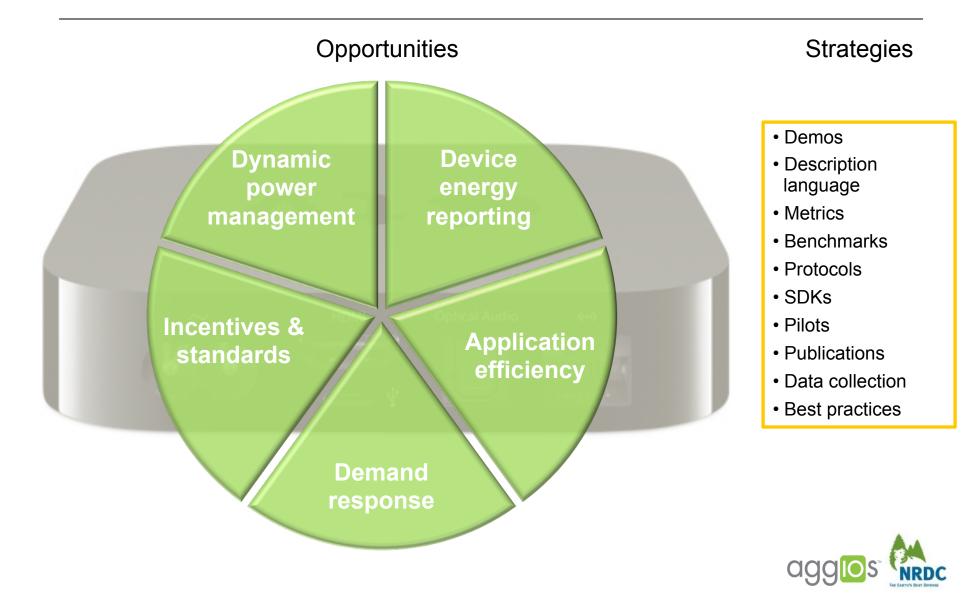
The plug load energy conundrum: Which, where, when, how?



Vision: Enable a smart plug load ecosystem



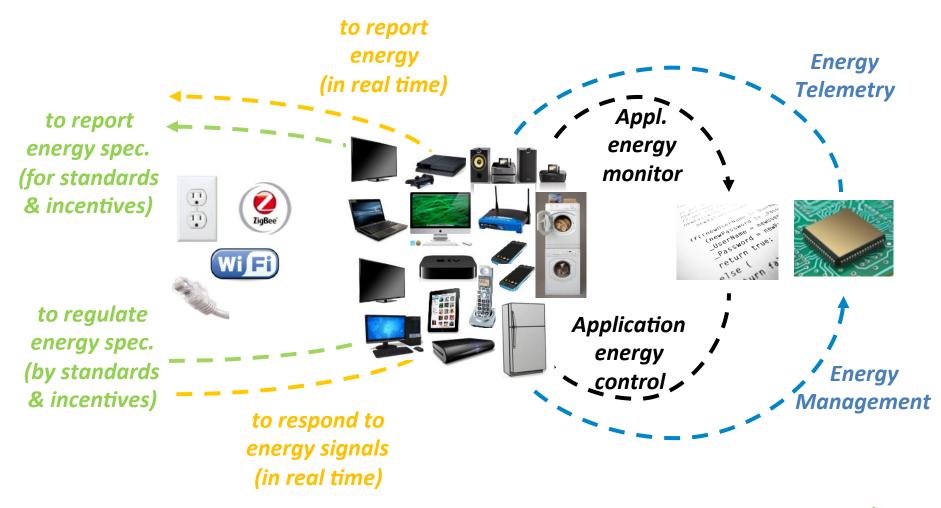
Defining a holistic framework for plug load efficiency opportunities and the strategies to achieve them



What features are required in devices to enable the smart plug load ecosystem?



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Help us implement dynamic power management in the plug load ecosystem

- Devices "smartness" and connectivity = tremendous opportunity to optimize power management in the entire plug load ecosystem
- Need all stakeholders help to define and implement these power management capabilities in electronic devices
- As plug loads and appliances become the largest electricity consumers in homes and offices, a holistic strategy is critical to enable California energy and climate goals

