

SmartCap: Flattening Peak Electricity Demand

(lights, TVs, microwaves, etc.), a substantial portion of home electricity demand derives from loads with some limited flexibility. These flexible loads, such as air conditioners (A/Cs), refrigerators, freezers, dehumidifiers, and heaters, typically operate in the background: while the result of their power draw is readily apparent, e.g., a comfortable room temperature and frozen food, *when* they draw power and the *magnitude* of this power draw is not important. Note that flattening demand is distinct from, and orthogonal to,

<i>Load</i>	<i>Peak</i>	
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