

RP2016

# ASSESSING THE IMPACT OF SOLAR PV, ELECTRICITY PRICES AND DWELLING ENERGY EFFICIENCY ON DOMESTIC ELECTRICITY CONSUMPTION IN SYDNEY

## Snapshot

This project will examine changes in electricity use by Sydney households since 2008 who have installed solar PV technology compared to those who have not (controlling for socio-economic context and key government and utility policy settings; eg. pricing and feed-in tariffs and dwelling energy efficiency) in order to identify whether conservation or rebound (Jevons) effects are associated with solar PV take-up.

## Outcome

Findings from this research have significance in determining whether a conservation or a rebound effect needs to be factored into projected energy/carbon savings from a range of renewable energy generation/carbon mitigation interventions; as well as forecasts of future electricity demand. There are policy implications at federal (eg. RET, NEM) and state government/energy utility levels (eg. feed-in tariffs, pricing).

## Low Carbon Precincts

### 4. Designing integrated low carbon precincts

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#### Partners

Swinburne; Ausgrid; Dept of Industry; NSW Office Env & Heritage; Vic Building Authority

**PROJECT START DATE: OCT-14**

**PROJECT DURATION: 9 MONTHS**