



DATABUILD

Research & Solutions

The Home Power Savings Program: non-energy benefits

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Background

State Government 'NSW
2021' (ten year plan)

environment targets underpinned by...

Energy Efficiency Action Plan

one of the key aims of which is to...

Apply downward pressure on cost of
living through EE

by...

Helping householders to understand
how and where savings can be made

through programs like.....



The Home Power Savings Program



225,000
LOW INCOME
NSW HOMES
enjoying benefits



of participants live in
REGIONAL
NSW LOCAL
GOVERNMENT AREAS

30,000
HOMES
where English is a
second language



DELIVERING BILL SAVINGS OF



36 Million
EACH YEAR

10% NSW HPSP
LESS POWER
USE EVERY YEAR
and often more

Community support

Over **200** LOCAL
COMMUNITY
CENTRES
+ **100** CENTRELINK
OFFICES

533 kWh/household
LESS
POWER
EVERY YEAR

It all adds up



120,000
MEGAWATT
HOURS PER YEAR

THOUSANDS
OF HAPPY
CLIENTS



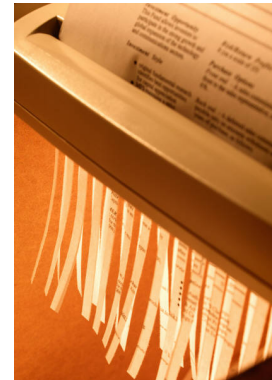
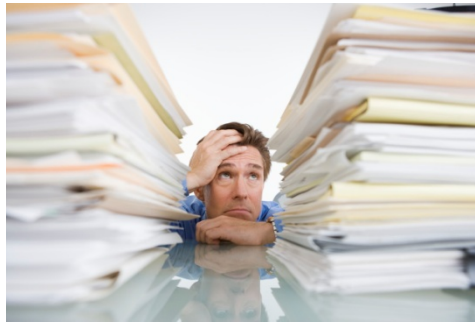
*"When we leave the house each morning, the kids now switch off the TV and the power point – even my 3 year old does it".
Rita, Liverpool*

DRIVING DOWN
THE COST OF LIVING

The mission

- HPSP had wider social and environmental benefits, so OEH wanted to measure the incidence of and - where possible - quantify these **non-energy benefits (NEBs)**.

Identifying and choosing NEBs



NEBs

Priority	Low priority / out of scope
Comfort	Induced job creation
Health	Appliance and system lifetimes
Income	Property values
Indirect job creation	
'Empowerment'	
Deferred	
Utility benefits	
Direct job creation	

Priority NEBs

Comfort

- Scale questions on property becoming more comfortable (less hot / cold) across seasons

Health

- Improved property conditions alleviate related illnesses
- Reduced stress

Income

- Accessing entitlements
- Negotiating contracts etc

Indirect jobs

- Retrofit / property improvement work

Empowerment

- Change in awareness / knowledge / control

Empowerment

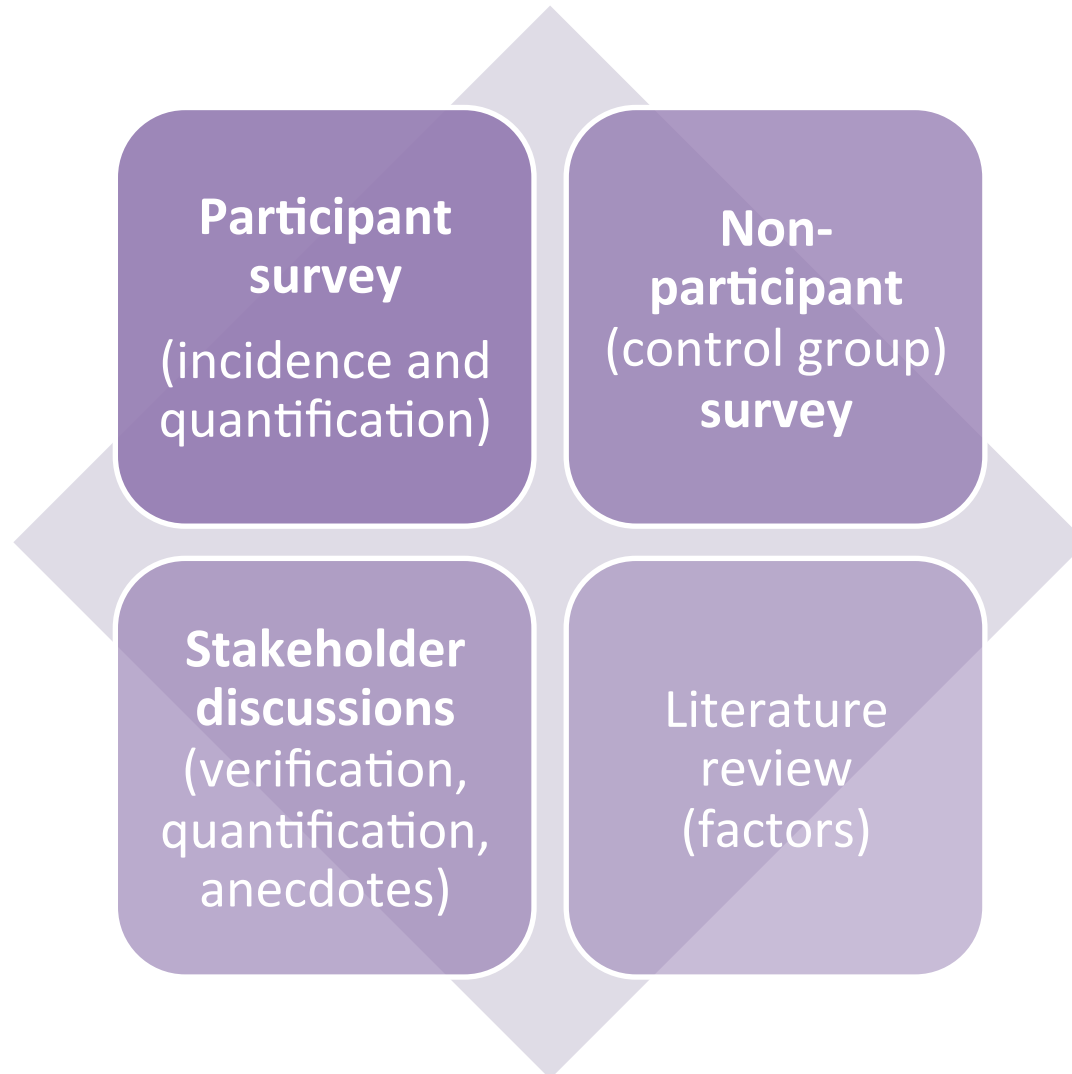
EXAMPLE INDICATORS OF ‘LACK OF EMPOWERMENT’

- Not understanding how energy is used in the property
- Not confident with heating and cooling controls in the property
- Do not feel in control of living costs / have concerns about living costs and making ends meet
- Not buying food or other essentials in order to pay for energy
- Not paying energy bills on time
- Receiving disconnection warnings from the energy supplier
- Not knowing how to change energy supplier even if we wanted to
- Not knowing how to check the energy bill to make sure it is accurate

Challenges

- Phrasing and explaining the NEBs
- Quantification
- Recollection / attribution

Data collection



Key questions

1. Measuring empowerment?
2. Can all NEBs be quantified? Do they need to be?



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