

# Agriculture Energy Investment Plan (AEIP)

*Sustaining energy enhancement on Victorian farms*

*Anthea Derrington*

PISTACHIO GROWERS' ASSOCIATION INC  
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# The 2017 Agriculture Energy Investment Plan

The \$30 million plan was announced in 2017 to:

- support on-farm energy productivity enhancement, energy cost management, reliability improvements & own-generation capacity

## What are the main energy-related concerns for farmers?

### Cost

of energy was the number one concern



for 75% of gas users,  
66% of diesel users,  
and 59% of electricity users

### Reliability

was also a concern



for 35% of electricity users  
and 21% of diesel users

## What are the biggest barriers to decreasing on-farm energy costs?

73.5%



High  
up-front cost  
of investment

63.2%



Low return  
on investment

31.8%



Unsure of how  
to choose  
appropriate  
technologies

28.2%



Technology  
changes too  
quickly

27.7%



Unsure of how  
to implement  
appropriate  
technologies

10.1%



Need to see  
others in  
my industry  
succeed first

8.1%



Lack of  
interest

# The five elements of the AEIP



Assessments  
826

## Grants

Tier1 ≤ \$50k  
Tier 2 \$50k-\$250  
Tier 3 \$250k-\$1m



Skills & Education  
Energy smart farming



Research  
Solar

## Behaviour

Victorian Energy Upgrades  
case studies

Demonstrations  
Ellinbank Farm



# Horticulture - what the data has said to date

2

Second largest number of applications – on-farm assessments and grants



Almost 30% on-farm energy assessments (dairy higher%)

\$\$

Highest energy costs p.a. and has the highest potential cost savings p.a.



8 year return on investment for recommended energy initiatives

# Research – behaviour & influences

## *What*

identify what influences decisions and behaviours when managing energy use and costs

## *Why*

to better communicate and support energy efficiencies uptake

## *Who*

Monash University

## *So far*

Spoken with farmers who sought energy assessments / grants under the AEIP

# The Request

A phone interview to be scheduled at your convenience

A completely confidential 30 – 45 minute conversation with a Monash University researcher about your considerations, decisions and actions around managing energy use, costs and risks on your farm

The opportunity to express what you need from Agriculture Victoria to help support you manage your energy use, costs and risks.

We would like another 3-5 farmers to participate.

Please call or email telephone number to: 0417 817 367 or [anthea.derrington@agriculture.vic.gov.au](mailto:anthea.derrington@agriculture.vic.gov.au)