#### What we learnt

Agriculture Victoria in partnership with the Victorian Farmers Federation, conducted a survey to better understand on-farm energy consumption, cost structures and barriers to investing in energy efficient technologies. 215 farmers completed the survey and this data has shaped the development of the Agriculture Energy Investment Plan, ensuring it meets industry needs.

## 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%



Hiah 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

## What actions have farmers taken in the past two years to keep energy costs down?

21.2%

20.5%

19.3%

13.8%

13.0%

11.3%

Changing power usage to manage demand



Switching to energy efficient lighting

Negotiating directly with provider for cheaper energy

Using solar panels



Seeking advice from electricians **Improving** insulation and seals

## Who is using back-up energy supplies?

55%

of farmers have back up energy supply in place

40%+

of farmers generate some renewable energy on-farm

## What was the average energy use in 2016-17, by farm type and energy type?

