

Energy Consumer Reference Council

February 2019

evoenergy

Ratification of minutes from ECRC meeting #26

Member updates

- Sharing relevant member updates and news with Evoenergy and your fellow ECRC members

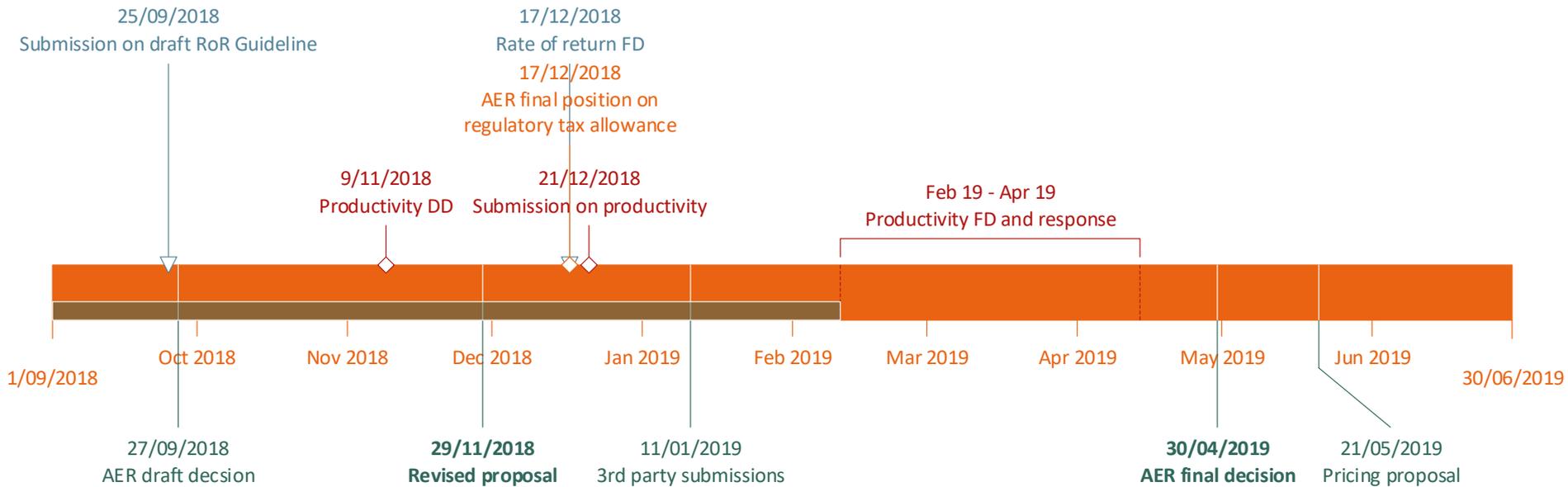
Regulatory Affairs

Chris Bell - Manager Regulatory Pricing Review

Today

- Revised regulatory proposal (RRP)
- Draft decision (DD) place holders
 - Rate of return
 - Regulatory tax allowance
 - Forecast rate of productivity growth
- Third party submissions on DD and RRP

Timeline



RRP place holders

- Rate of return – FD 17 Dec 2018
 - First binding instrument
 - Substantial decline in return on equity
 - Increase in value of imputation credits (= lower revenue)
- Regulatory tax allowance – FD 17 Dec 2018
 - No systematic issues with regulatory tax allowance
 - Use diminishing value approach for tax depreciation
 - Expense assets where the business does so for tax purposes
- Forecast productivity growth – DD 9 Nov 2018
 - DD would impose 1 per cent per annum opex productivity growth
 - Evoenergy submission 21 Dec 2018
 - FD “Feb/Mar 2019”
 - Evoenergy to address individual circumstances “Mar/Apr 2019”

Third party submissions

- ActewAGL Retail
- ACT Technical Regulator
- Consumer Challenge Panel (CCP)
- Electrical Trades Union (ETU)
- Evoenergy ECRC
- PrePower One Co-op

Bushfire Prone Area and Pole Top Inspection – 2019

Mark Trainor - Operational Performance Manager

Background...

For the last four years, our network and vegetation management annual inspection program has been managed through a combination of foot patrols and helicopter inspections using LIDAR scans of our network and aerial photography

Evoenergy continually evaluates new technology and tools to help manage our network, keep the power on and keep the community safe.

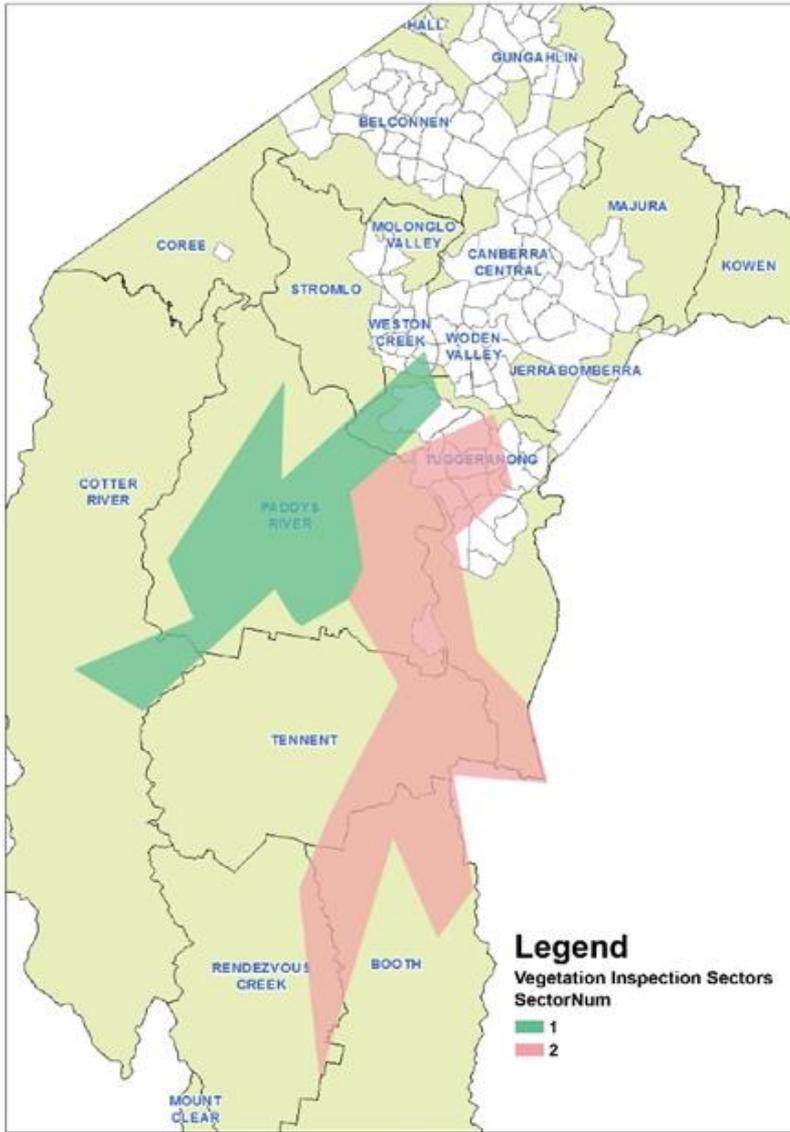
Trial

In 2018, Evoenergy trialled LIDAR-enabled Remotely Piloted Aircraft System (RPAS)



Trial





Where are we intending to fly and what our process is

Aerial Photos



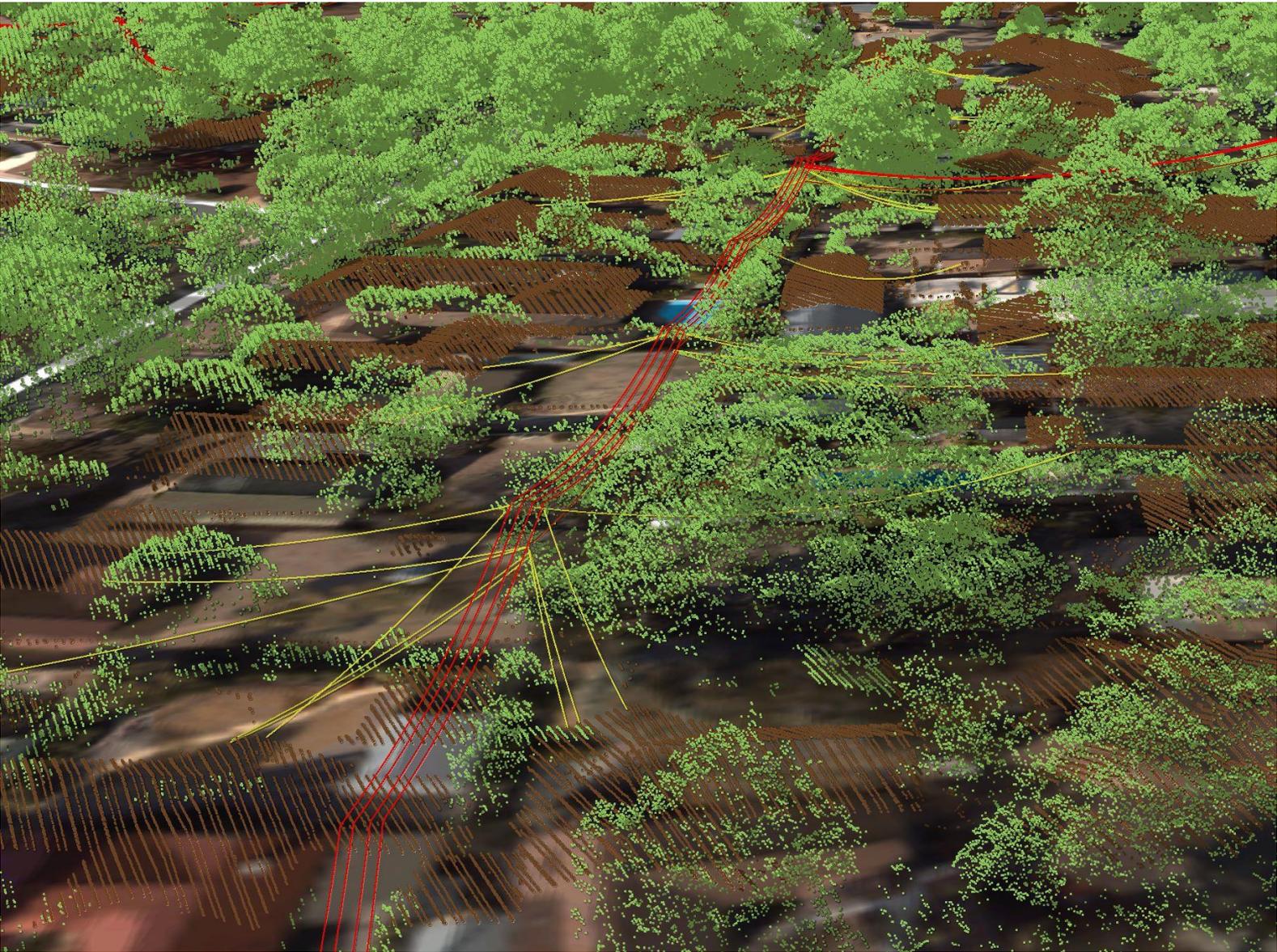
Aerial Photos



Aerial Photos

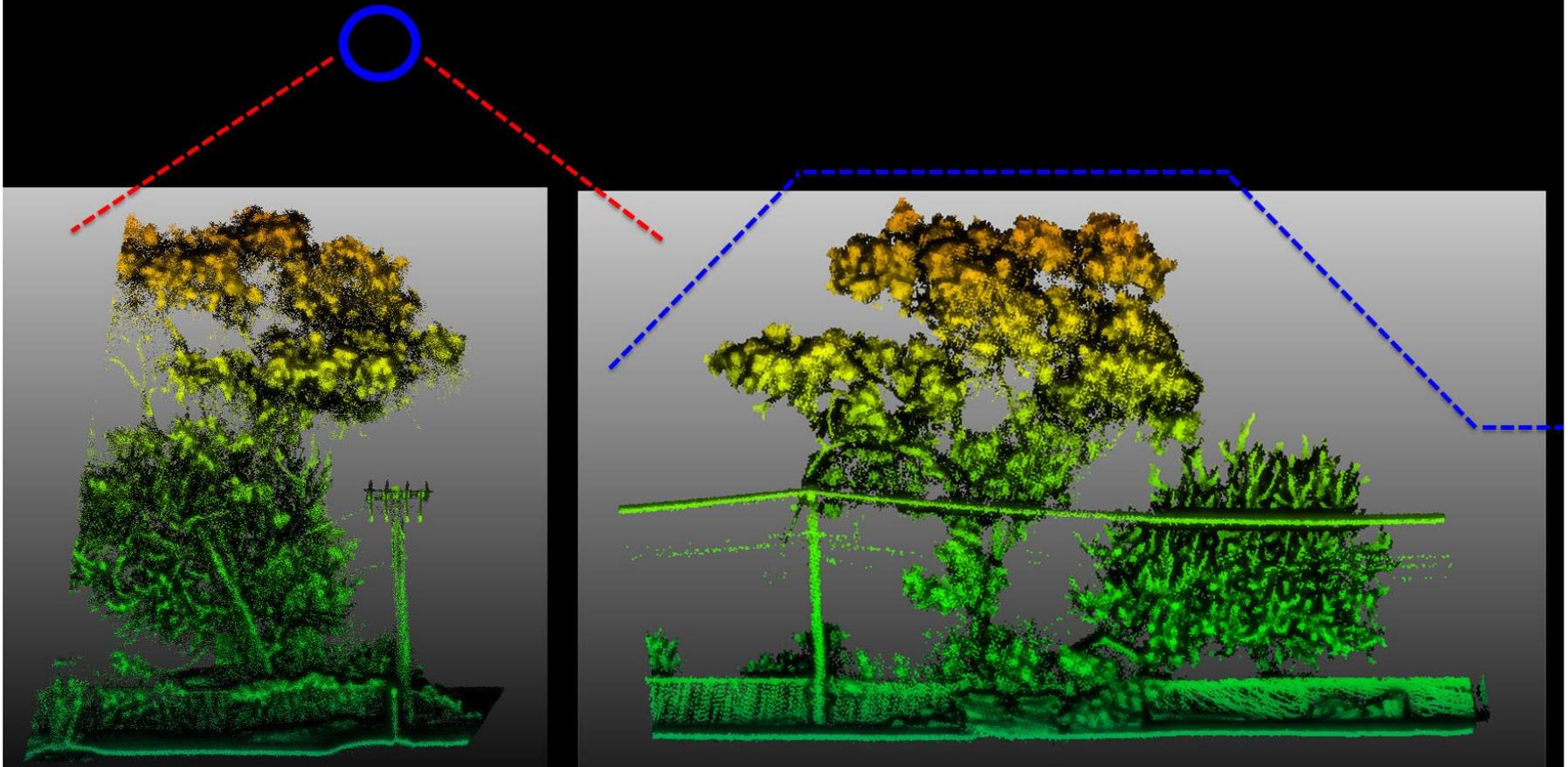


LIDAR Render

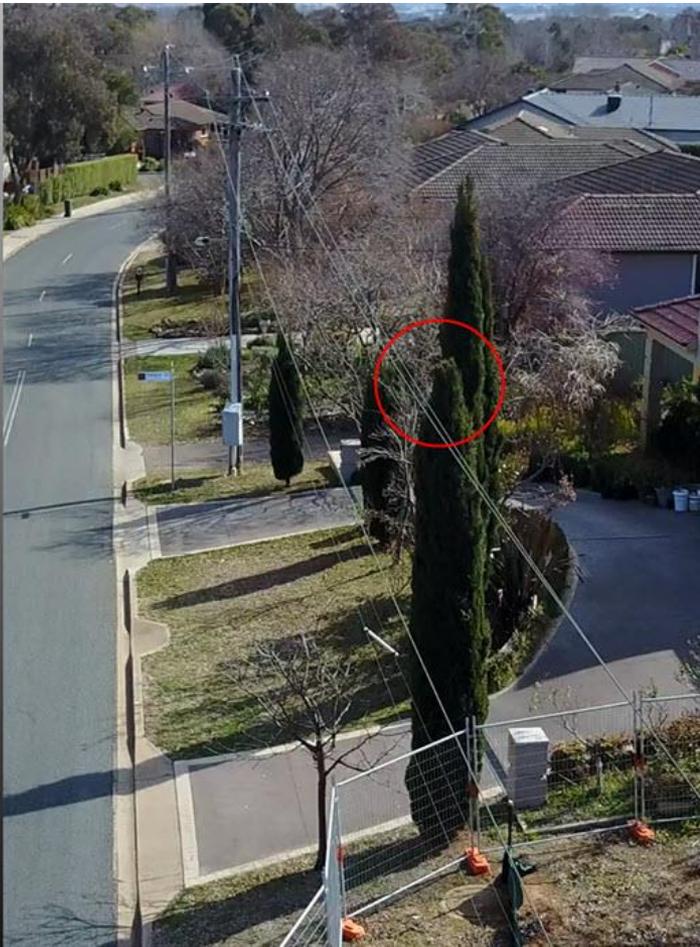
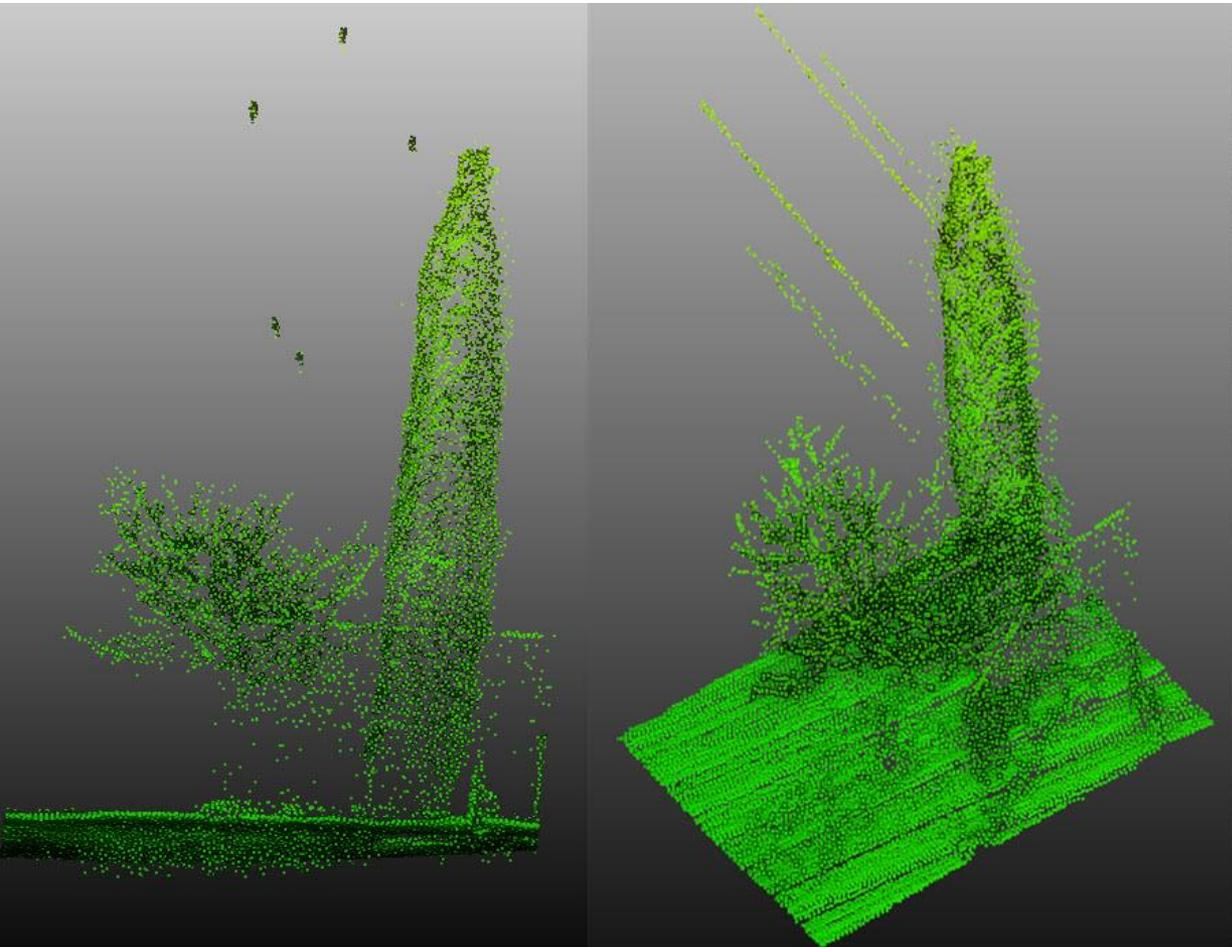


LIDAR Render

Blue flight line over the top of the tree yet still has the penetration to pick up the lines underneath the canopy



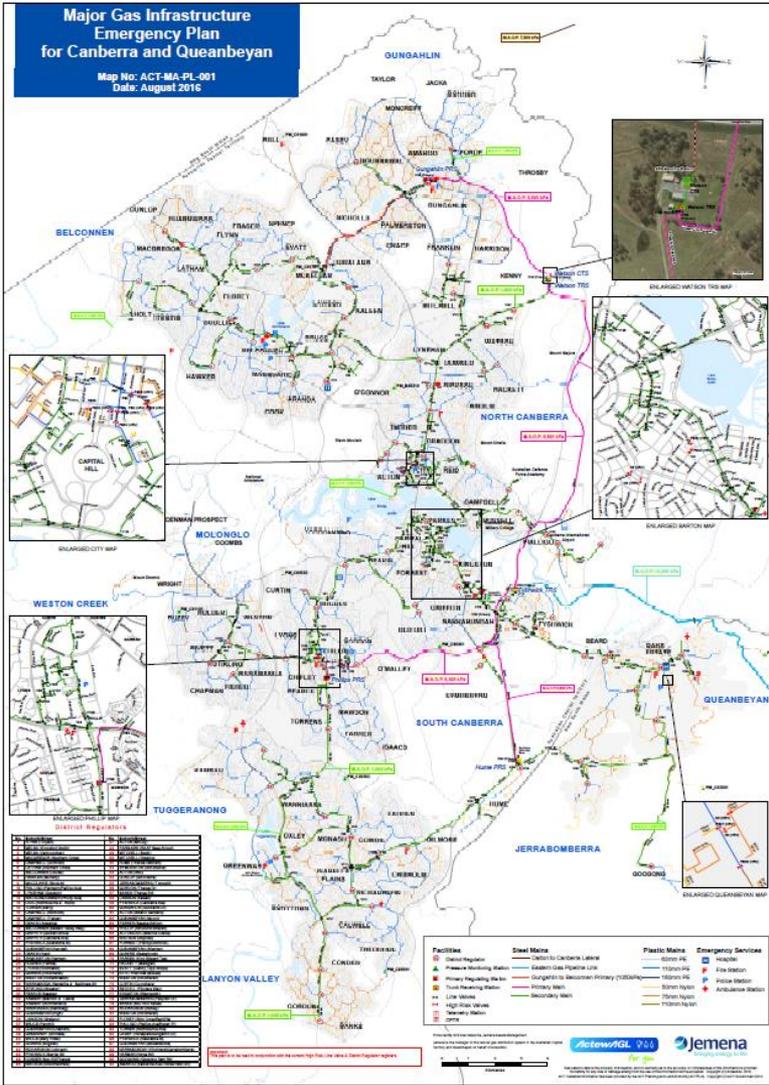
LIDAR Render – self trimming tree



Gas Network Update

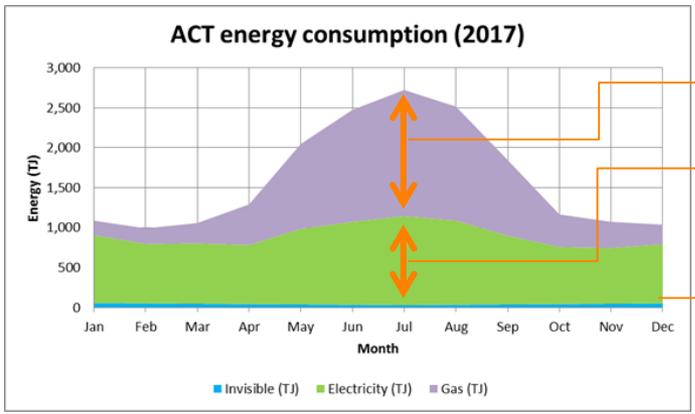
Ed Gaykema – SME, Gas Networks

ACT Natural Gas Network



Natural Gas network:

- Supplies energy to 148,000 homes and businesses in ACT.
- one of the most reliable energy networks in Australia.
- During winter, it supplies **60%** of the total household energy needs in ACT.



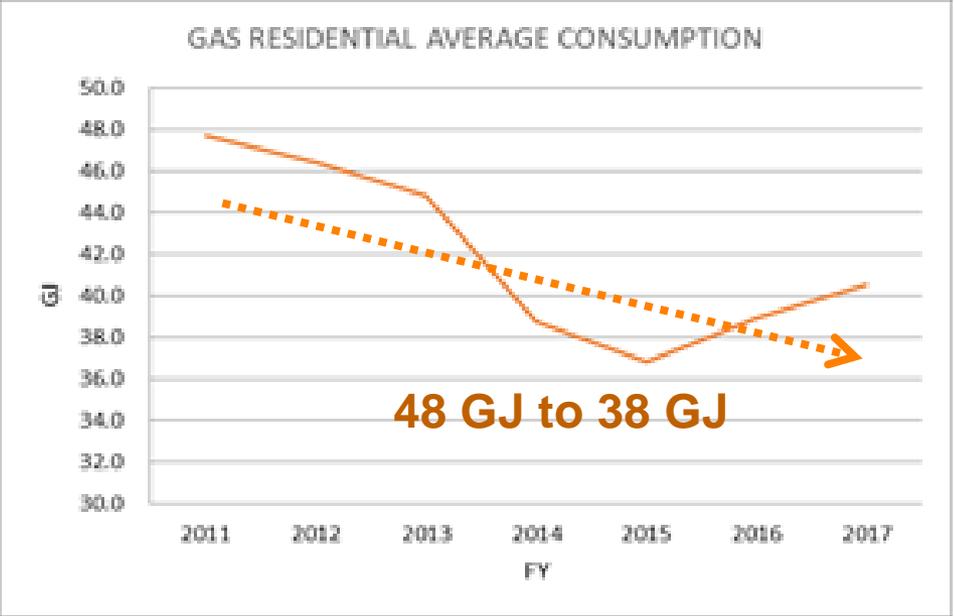
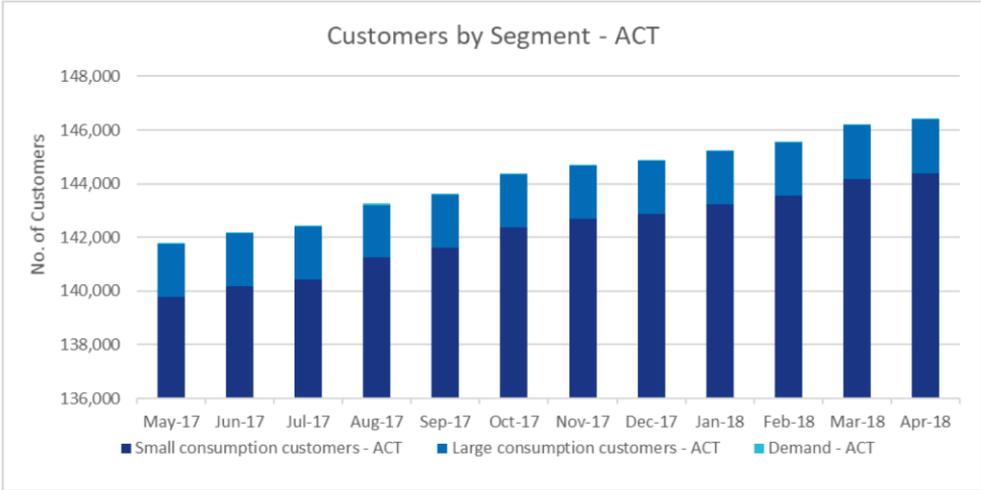
~ 60% Natural Gas

~ 37% Electricity

< 3% Renewables

ACT Consumers Profile

- Customer growth is steady at 3%
 - Mainly small customers
- 74% of residents connected to gas
- Average consumption decreasing
- New homes are moving away from natural gas heating
- Increasing number of homes disconnecting from natural gas



ACT Energy Environment

We recognise -

- ACT Government 2045 zero emissions target.
- Natural gas and transport are remaining targeted emissions

Evoenergy is working on decarbonisation of the natural gas network

ACT brings forward zero net emissions deadline to 2045

By Katie Burgess
16 May 2018 - 6:46pm

The ACT will bring its deadline for reaching zero net greenhouse gas emissions forward by five years, and set interim targets to ensure it stays on track to meet its climate commitments.

Canberra must now reduce its net emissions to zero by 2045, 15 years earlier than the original carbon neutrality date.



Climate change minister Shane Rattenbury: the ACT will bring its zero net emissions deadline forward after recommendations from the Climate Council. ©THOMAS DITTMOND

That deadline was brought forward by a decade in 2016 by then climate change minister Simon Corbell, when he announced the ACT's move to 100 per cent renewable energy by 2020.

It's that shift that will enable the ACT to meet its first interim target of a 40 per cent emissions

TODAY'S TOP STORIES

DRUG REFORM
It's looking increasingly likely the ACT will legalise cannabis use

WALLABIES
Chelsea to front Rugby Australia board as player tensions surface

VICTORIAN ELECTION
Feuding Liberals show zero interest in learning lesson of Andrews win

PROTEST
Trump criticises French protests for not focusing on the US
2 hours ago

Cost of emissions reduction target revealed

By Katie Burgess
17 August 2018 - 12:00am

Cutting the ACT's greenhouse gas emissions by two-thirds by 2030 could cost nearly \$6 million, but Climate Change Minister Shane Rattenbury warned the cost of not acting could be far greater.

Mr Rattenbury introduced draft laws to bring forward the territory's zero emissions target by five years to 2045 on Thursday, with the caveat that the full cost of cutting greenhouses gases was unknown at this stage.



Climate Change Minister Shane Rattenbury says the cost of failing to tackle climate change will be far greater. ACT GOVERNMENT

"The answer will ultimately depend on changes we see in the future, such as developments in national energy policy, and how much behaviour change can occur from community leadership," Mr Rattenbury said.

"We have undertaken some work on costs. The ACT government engaged a consultant to analyse the costs of achieving the 2030 interim target.

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Ginninderry to be first Canberra suburb without natural gas

By Katie Burgess
2 February 2018 - 9:35pm

Ginninderry will become the first Canberra suburb without natural gas, in a trial that could determine if other new developments will also be solely powered by electricity.

Construction will begin on the first stage of the 11,300-home precinct in West Belconnen in 2020, the same year the ACT will become fully powered by renewable energy.



Ginninderry sustainability manager Jessica Stewart demonstrates the highly efficient induction cooktops that will be used in the first stage of the development's residential precinct instead of gas. ©THOMAS DITTMOND

Then, natural gas will become the ACT's second largest generator of greenhouse gases, accounting for 21 per cent of emissions, ACT Climate Change Minister Shane Rattenbury said.

"Gas is going to be a significant source of emissions we're going to need to tackle here in the ACT," Mr Rattenbury said.

TODAY'S TOP STORIES

DISSENT
Outraged: How crime gangs expose border fail

WALLABIES
Chelsea to front Rugby Australia board as player tensions surface

CLARKE REEVENING
Step to the right: Beerjillians' lesson from Victoria's past

FEDERAL BUDGET
Morrison government weighs early budget as revenues soar

Consumer Engagement

Giuliana Baggoley – Consumer Engagement Manager

Upcoming engagement



We invite you to join us for the official launch of Evoenergy's latest Annual Planning Report.

Hear from Evoenergy's senior leadership team including our network planners on your ACT electricity network; what we've been working on and how this supports future planning.

Our priority is to continue to deliver safe and reliable energy to Canberra and the region, along with a commitment to innovation to keep ahead of the rapidly changing energy landscape. Delivering a transparent and accessible approach to the way we plan our network depends on your participation throughout the process. We value your ongoing participation to improve our investment planning necessary to deliver transmission and distribution services to the people of the ACT.

Read the [Evoenergy Annual Planning Report](#).

Event details

Date: Wednesday 27 February 2019

Time: 12:00pm (for a 12:15pm start) – 2:00pm

Location: ActewAGL House foyer, 40 Bunda Street, Canberra 2600

RSVP: by 5:00pm 15 February 2019. [Register here for tickets.](#)

For more information, please contact Giuliana Baggoley, Evoenergy Consumer Engagement Manager, consumerfeedback@evoenergy.com.au

<https://www.evoenergy.com.au/about-us/reports-and-publications>

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Annual Planning Report

The APR is produced annually to inform our customers and stakeholders about the transmission and distribution networks in the ACT. It provides information on -

- Current network capability.
- Anticipated investments to maintain capability.
- Drivers of future development needs.
- Options to meet future needs – both network and non-network.
- What informs investments and connection decisions.
- Emerging technologies relevant to Evoenergy.

GN21 consumer engagement and communication plan



ECRC membership

