



DEVELOPING ACT'S Integrated Energy Plan

The ACT continues to lead the world in taking action on climate change. We are set to become the first Australian jurisdiction to be powered exclusively by renewable energy, by 2045.

However, with fossil fuel gas accounting for over 20% of the ACT's emissions, and transport accounting for more than 60% of emissions, there is still a long way to go in our journey to reduce emissions and achieve a 100% renewable energy supply for our city.

The ACT Government released the "Our Pathway to Electrification" Position Paper in August 2022, which outlined why the ACT is transforming our energy system and provided a proposed pathway to get there.

The Integrated Energy Plan (IEP) will provide our pathway to transition our energy networks and become a net zero emissions city by 2045.

This information sheet gives an overview of the IEP.

About the Integrated Energy Plan

The Integrated Energy Plan will provide a clear strategy for how the ACT will transform its energy systems to:

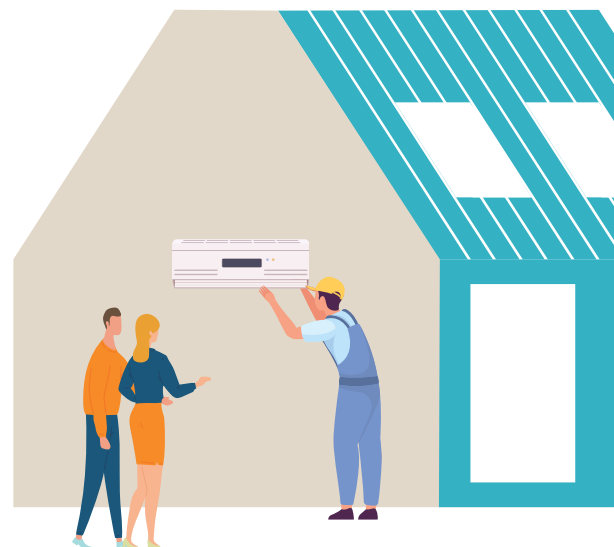
- > secure an affordable and sustainable energy future, and
- > support a fair and equitable transition to net zero emissions from fossil fuels over the next two decades.

This includes how the ACT will transition away from fossil fuel energy and ensure a reliable and affordable energy system. It will be a plan for how we engage and support energy consumers and to establish collaborative partnerships so we can deliver on these objectives.

How the Integrated Energy Plan will be delivered

The IEP will be delivered in 3 stages. We have mapped out what is expected over these time periods, and the likely focus of the ACT Government's efforts.

Specific actions under stages 2 and 3 will depend on the progress of stage 1 of the IEP (IEP 1). This approach will allow us to address emerging challenges and opportunities as the ACT, Australia, and the world more broadly progresses through the energy transformation.



1

Integrated Energy Plan 1 2024 – 2030

Setting the foundations for success

Our first stage will focus on continuing to support a consumer-led transition away from fossil fuel gas. Many households are already choosing to make energy efficient upgrades, switching to electric vehicles and installing rooftop solar. The ACT Government will continue to support and encourage these choices with a range of schemes and rebates, and ongoing education.

The introduction of a regulation prohibiting new fossil fuel gas network connections will ensure all newly constructed homes and businesses (that do not already have pre-regulation DA Development or Building Approval) will be all-electric from construction.

During this stage, we will also focus on ensuring the ACT's electricity supply remains sustainable and viable and can meet increasing demand. We will work hard to address known issues in the transition to renewable energy by doing things like:

- > assisting those members of the community who cannot transition themselves
- > investigating fossil fuel gas alternatives
- > planning for the transition on skills and workforce will also be addressed during this stage.

2

Integrated Energy Plan 2 2030 – 2035

Accelerating the transition

During stage 2 we will shift to measures that accelerate the transition. This could include:

- > requiring households to replace gas appliances with electric alternatives, or ensuring that housing providers electrify and increase energy efficiency of rental properties.
- > leveraging solutions for more complex buildings, like multi-unit apartments, which will be more available after 2030 due to advancing technology and research.
- > better understanding how green gas might be used for niche applications, like some industrial processes and heavy vehicle operation.

We will be monitoring stage 1 and with a better understanding about the rate at which the community is transitioning away from gas, we will be able to develop a plan for decommissioning the gas network.

Skills and workforce issues will also continue to be a focus with the ongoing upskilling and reskilling of workers to meet the evolving needs of the energy sector.

3

Integrated Energy Plan 3 2035 – 2040

Electric Canberra delivering for households

Areas requiring a final boost to transition will be the target of stage 3. The focus is likely to include:

- > support for hard-to-transition users, like those with niche gas needs, who have not been able to transition during stages 2 and 3
- > likely commencement of a phased decommissioning of gas networks
- > continuing to build and maintain the skills and workforce to maintain the ACT's evolved energy system into the future.

Have your say

For now, we're focused on developing the key areas for IEP 1 (2024-2030) and we want your input.

We know that the transition away from fossil fuel energy will have an impact on our whole community. To better understand these impacts, as well as other challenges and opportunities the transition may bring, we are seeking feedback on the IEP Position Paper from all members of the ACT community.

You can provide ideas and feedback in a number of ways including by:

- > making a written submission
- > completing an online questionnaire
- > providing feedback at one of our engagement activities.

To have your say or find out more:

Visit yoursayconversations.act.gov.au/pathway-to-electrification

Email us at gastransition@act.gov.au