

# Evoenergy Energy Consumer Reference Council

Meeting 34, April 2020



Item	Topic
1.	Welcome
2.	Circulated pre-reading, review of minutes of meeting 33
3.	ECRC member updates
4.	Evoenergy response to COVID-19
5.	GN21
6.	Gas and electricity network pricing
7.	Transition to a (Electricity) Distribution System Operator (DSO)
8.	Close

# WELCOME

- Review action and ratify minutes from meeting 33
- Member updates

The image shows three workers in high-visibility orange and yellow safety gear, including hard hats and safety glasses, standing on a construction site. They are gathered around a tablet held by the worker in the center. The background features large wooden spools and industrial equipment. The scene is dimly lit, with a blue tint overlaid on the left side.

# COVID-19 Evoenergy response

Alison Davis | 15 April 2020

# Staff & community safety

- Emergency & Crisis Management Teams
- Working arrangements for office & field
- Social distancing & hygiene controls
- Vulnerable customers

# Planned outage decision matrix

- Critical health infrastructure
- Risk to security of supply or network continuity
- Risk to crew safety – exposure to COVID-19
- Duration of interruption
- Vulnerable customer impacts
- Essential services impacts
- Number of residential & commercial customers affected

# Ongoing planning

- Supporting the community
- Escalation trigger points
- Longer-term safety and reliability

The background of the slide is a photograph of a person wearing safety gear, including a white hard hat and a high-visibility orange safety vest. The person is wearing a dark-colored shirt and a safety harness with a white plastic buckle. The image is overlaid with a semi-transparent dark blue filter. The text is centered on the slide.

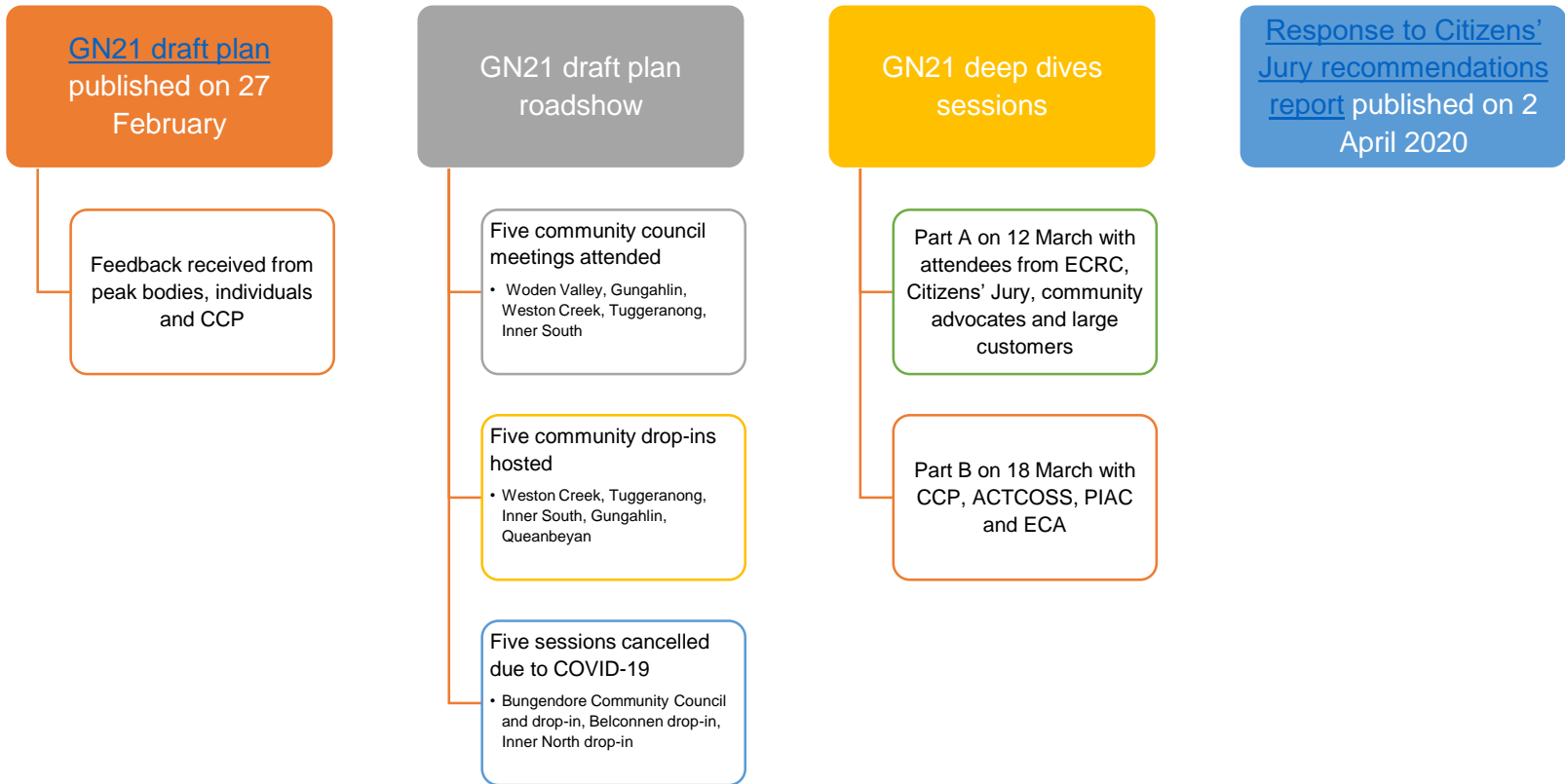
# GN21 update ECRC

15 April 2020



# Where are we up to?

Since we last updated the ECRC in February:



# Key themes of recent feedback

## Most feedback related to the ACT Government's net zero target / climate change strategy

Mixed feedback regarding level of support, awareness

Concern for transition costs of achieving net zero by 2045 target

- Understanding costs of different options
- Protecting vulnerable customers
- Who would pay for stranded assets

Concern for transition impacts

- Protection for tenants
- Loss of choice / back-up energy supply
- Reliability of alternative technology

Some indicated preference for gas

Support for renewable gas but questions relating to viability in ACT

New developments

- Largely supportive of new suburbs not being reticulated
- Suggested that the option for retrofitting would be important if renewable gas found to be viable
- Some feedback that we need to go further and halt all expansion

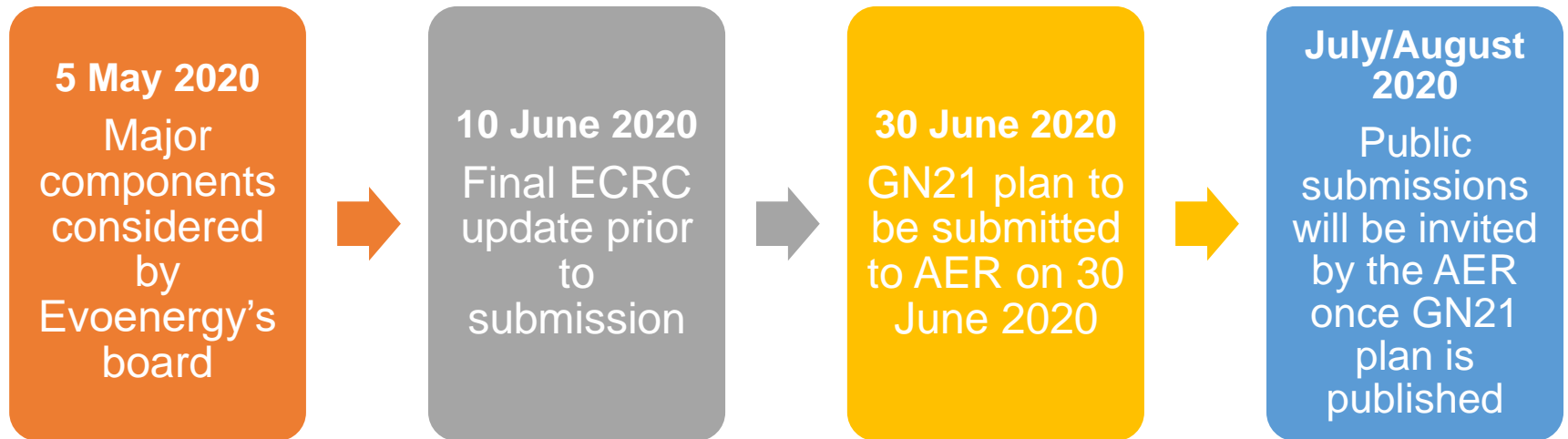
## Some feedback on affordability issues

Cost of gas too high

Disconnection fees too high

Supply charges too high

# Next steps



The background of the slide is a photograph of a person wearing safety gear, including a white hard hat and a high-visibility orange safety vest. The person is wearing a grey safety harness with a large white plastic buckle. The image is dimmed with a dark blue overlay. The title text is centered on the left side of the image.

# Electricity and Gas Network Pricing

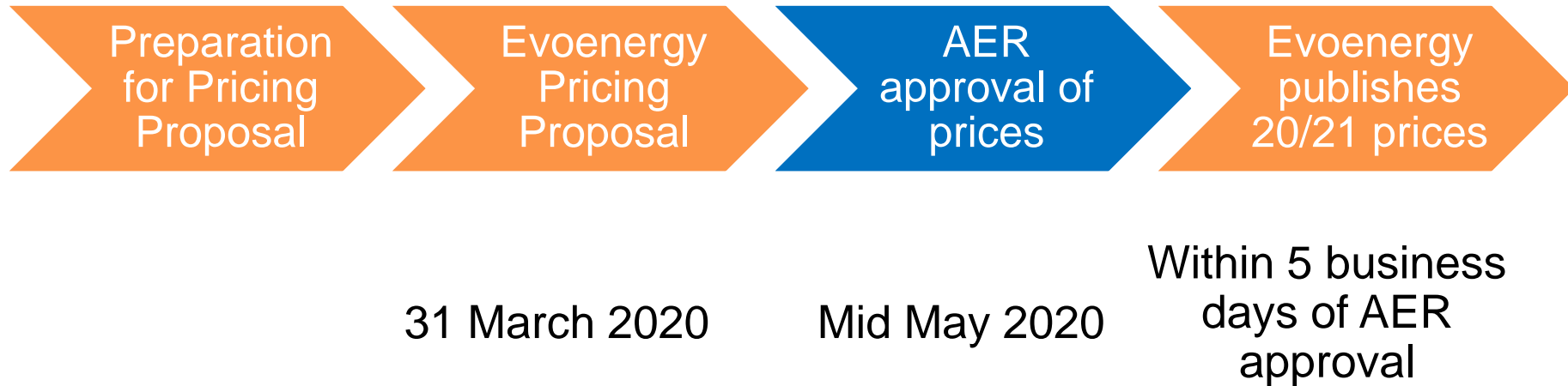
15 April 2020  
Emily Brown



# 2020/21 electricity network prices

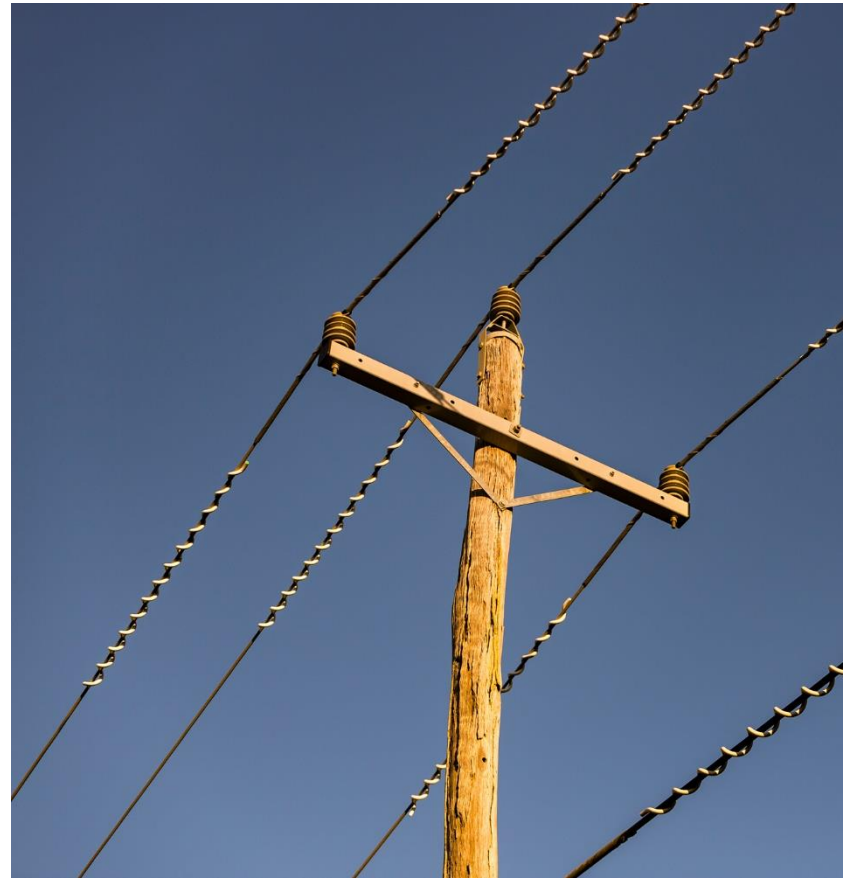
Slide 2  
April 2020

# Network electricity price timeline

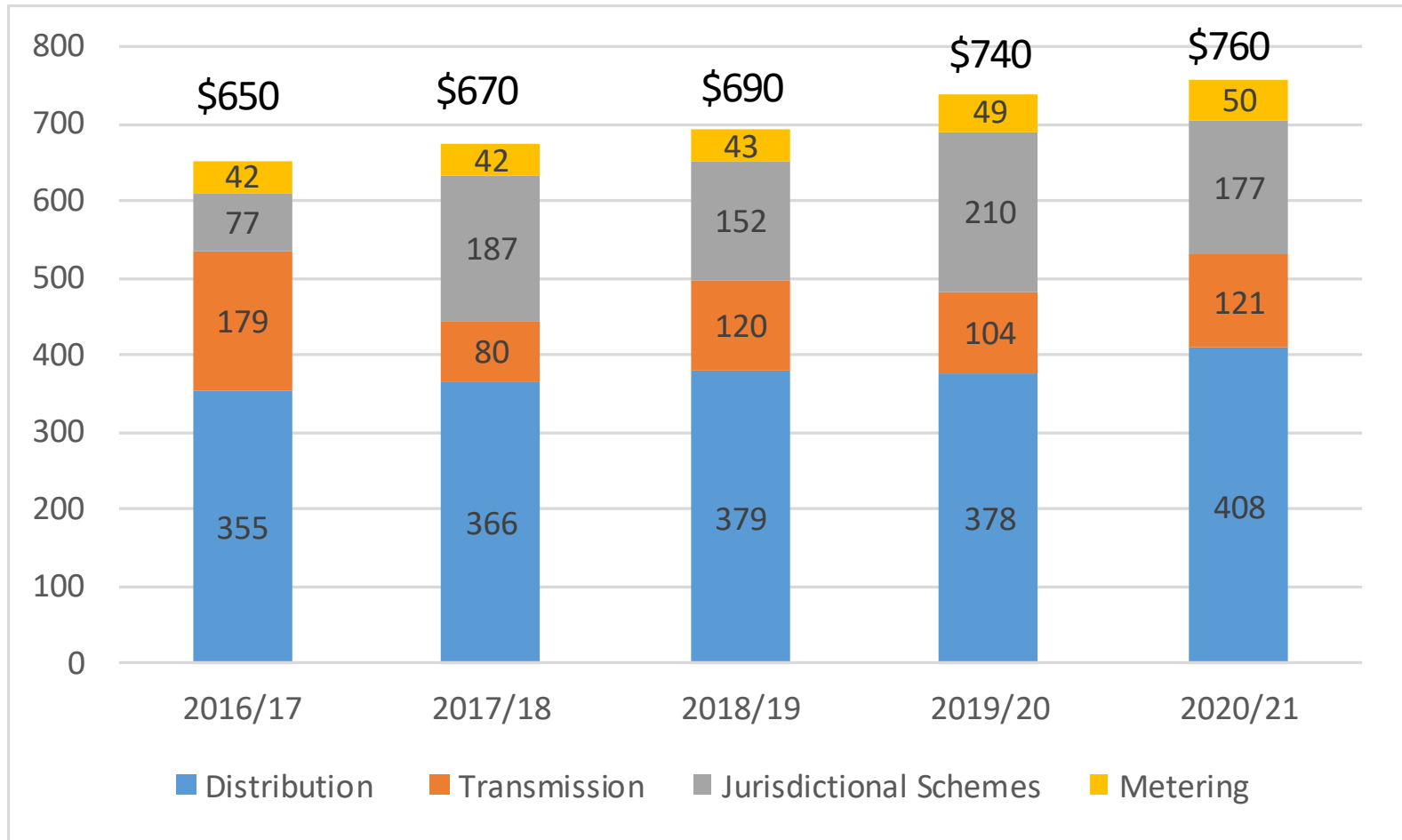


# Electricity network tariff components

- Transmission
- Distribution
- Jurisdictional schemes
- Metering



# Typical residential **network** bill (\$/year)



Notes: Calculations based on Evoenergy Annual Pricing Proposals

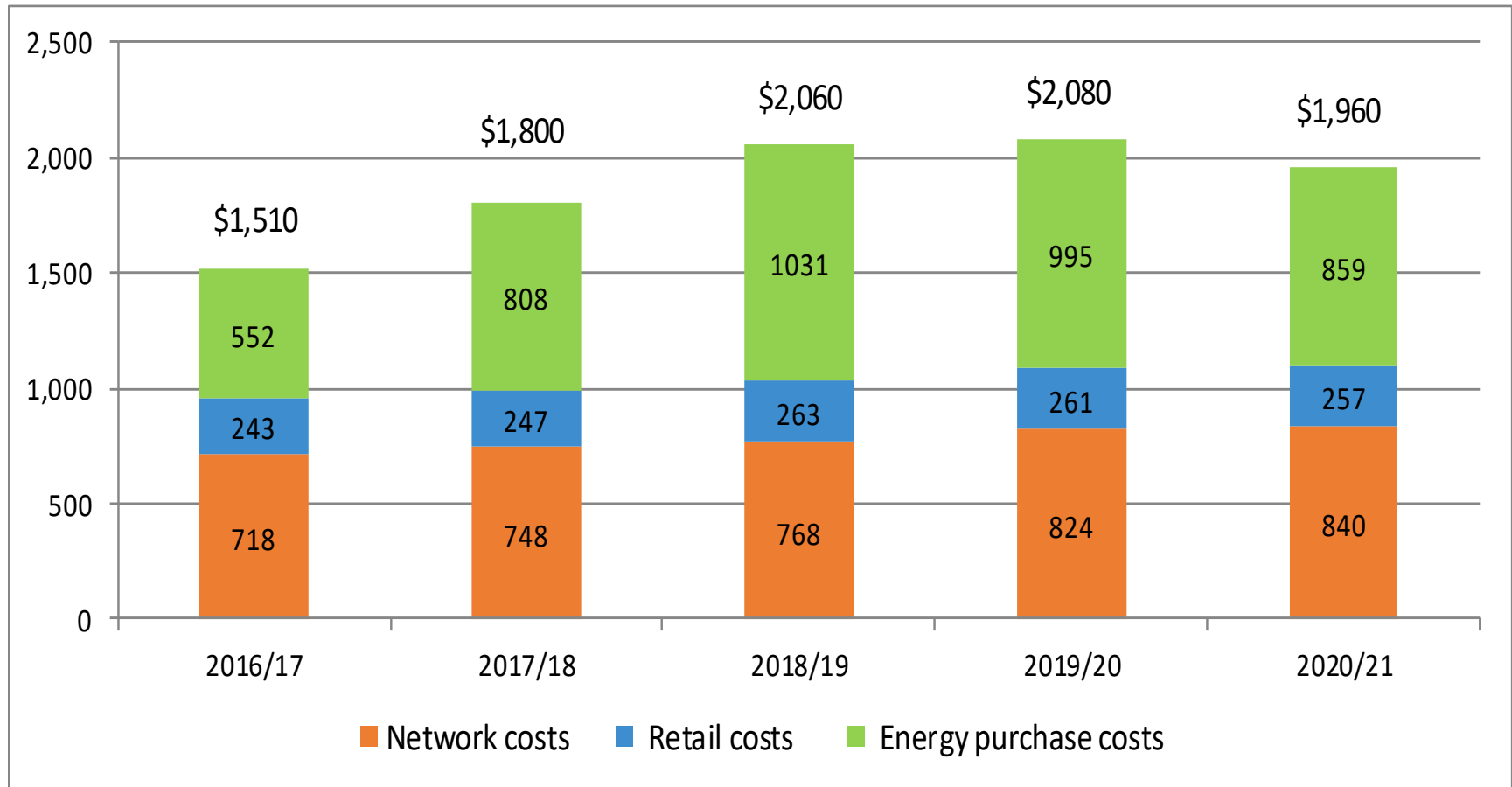
Based on a residential customer using 7,500 kWh per year on a Residential Basic tariff

Bill impacts are in nominal terms, excluding GST.

Bill impacts do not account for the UNFT freeze announced by the ACT Government.

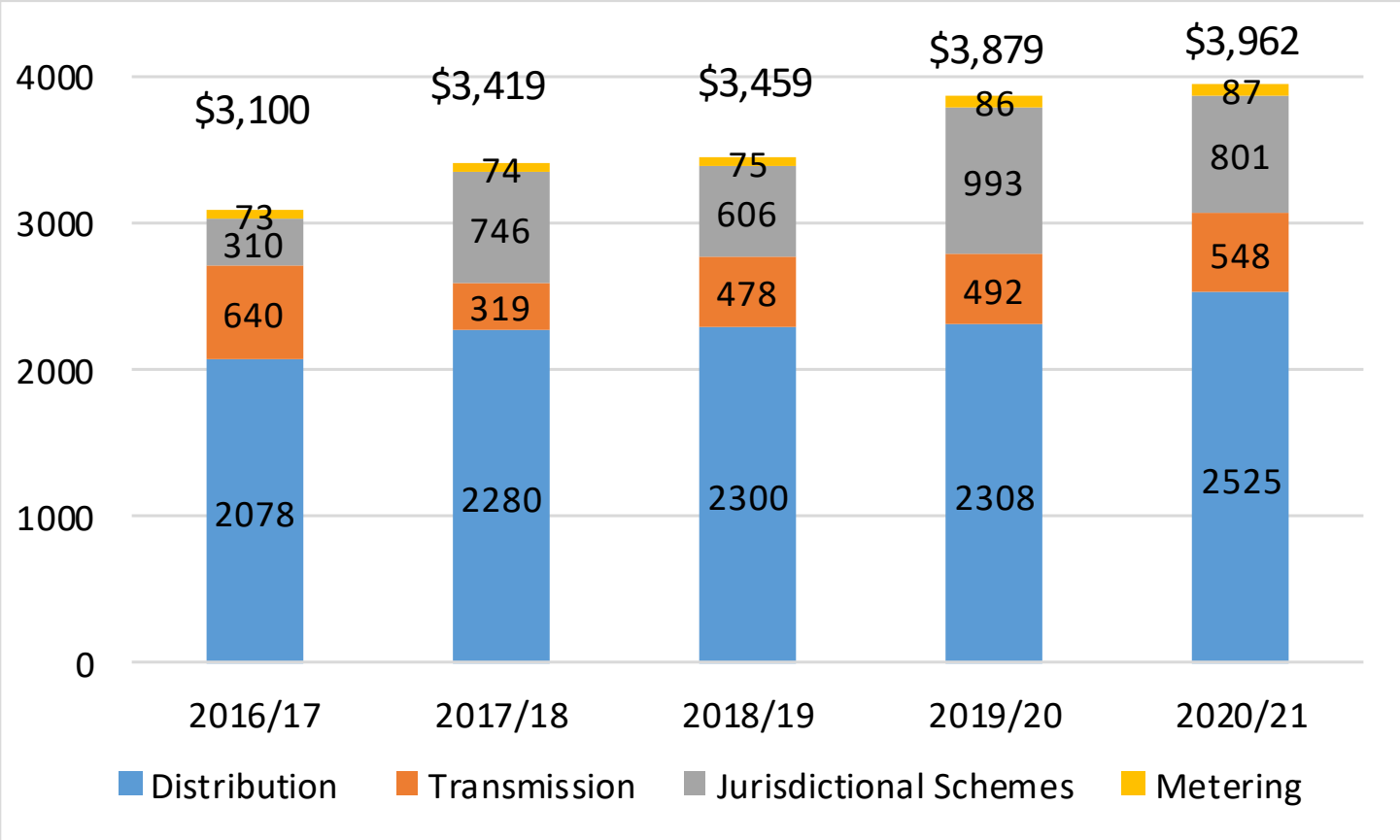


# Typical residential retail bill (\$/year)



Notes: Calculations based on Independent Competition and Regulatory Commission (ICRC) (except 2016/17 Jurisdictional Scheme costs). 2020/21 bill is based on ICRC Draft Decision. Based on a customer using 7,500 kWh per year on an ActewAGL Home Plan. Bill impacts are in nominal terms, excluding GST, and do not account for the UNFT freeze.

# Typical small commercial **network** bill (\$/year)



Notes: Calculations based on Evoenergy Annual Pricing Proposals  
 Based on a business customer using 30,000 kWh per year on the General Network tariff  
 Bill impacts are in nominal terms, excluding GST.  
 Bill impacts do not account for the UNFT freeze announced by the ACT Government.



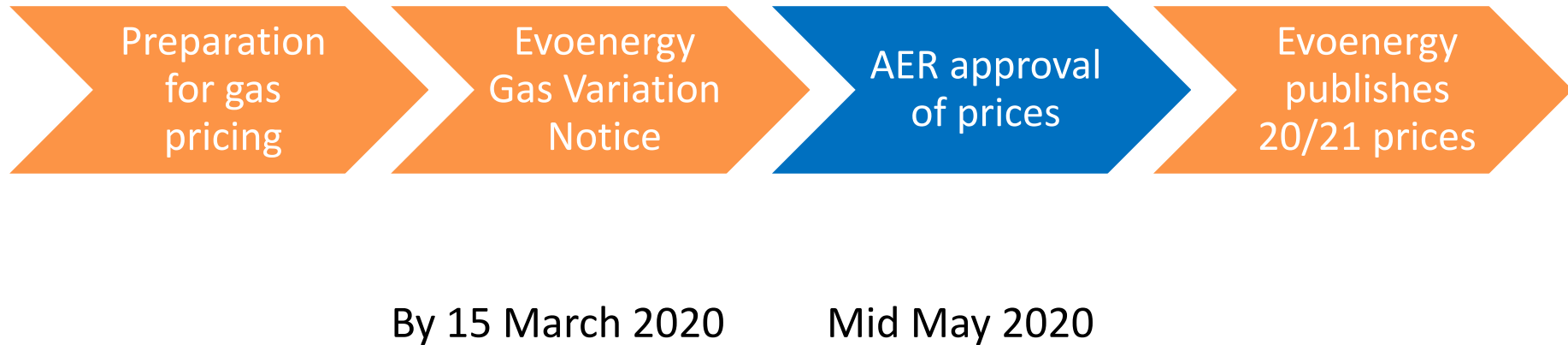
A background image showing a person wearing safety gear, including a white hard hat, a high-visibility orange vest, and a grey safety harness with a white buckle. The image is overlaid with a dark blue gradient.

# 2020/21 gas network prices

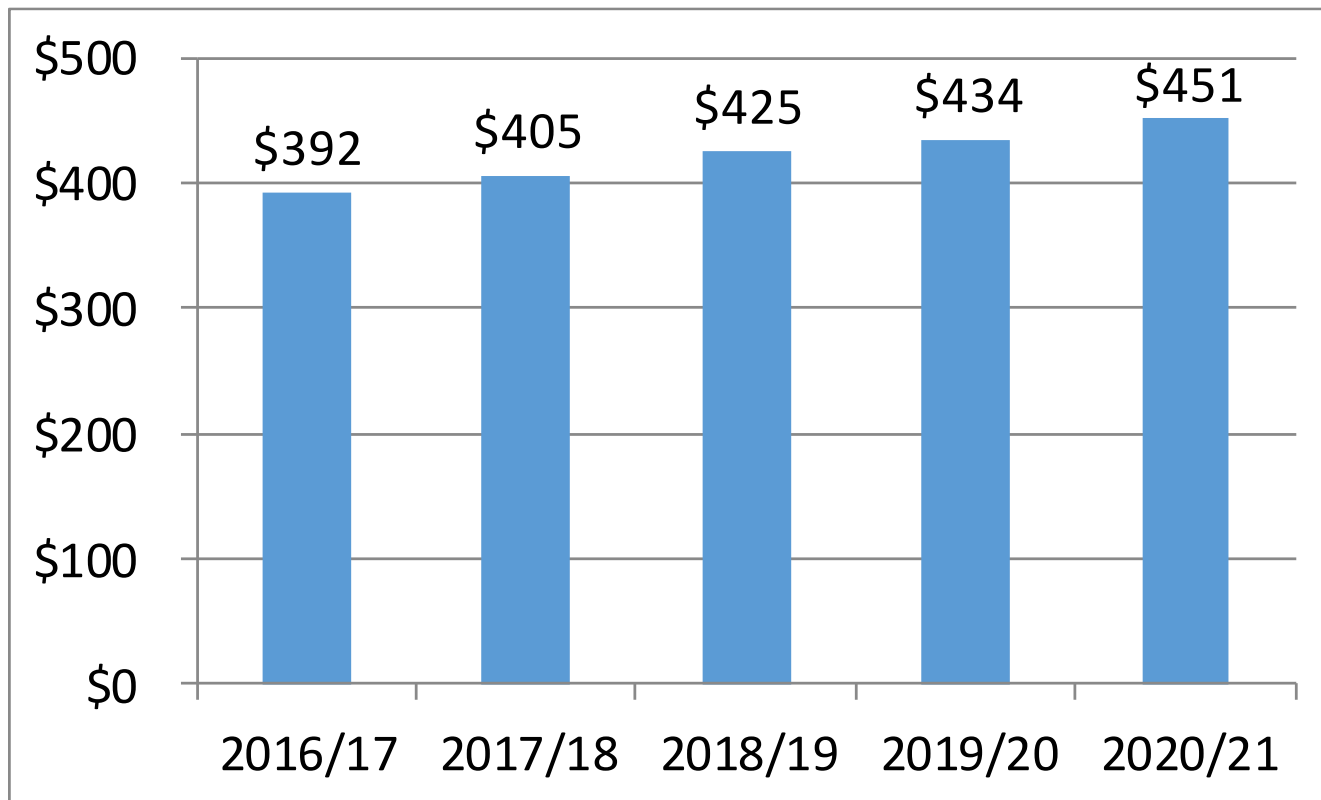
Slide 8  
April 2020

**evoenergy**

# Network gas price timeline



# Network gas bills (\$/year)



Notes: Calculations based on Evoenergy Annual Tariff Variation Notices

Based on a customer using 45 GJ per year on the VRI Network tariff

Bill impacts are in nominal terms, excluding GST.

Bill impacts do not account for the UNFT freeze announced by the ACT Government


The 2020/21 increase translates to a **\$3.78 increase in retail bill**, assuming:

- wholesale prices fall 5.65% (AEMO's 2019 Gas Statement of Opportunity forecast); and
- retail and transmission charges increase by inflation (1.84%) .





**evoenergy**

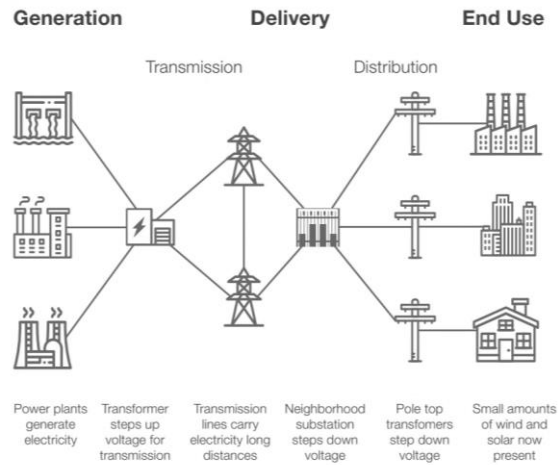


# Distribution System Operator (DSO)

Eddie Thanavelil  
Future Networks Team

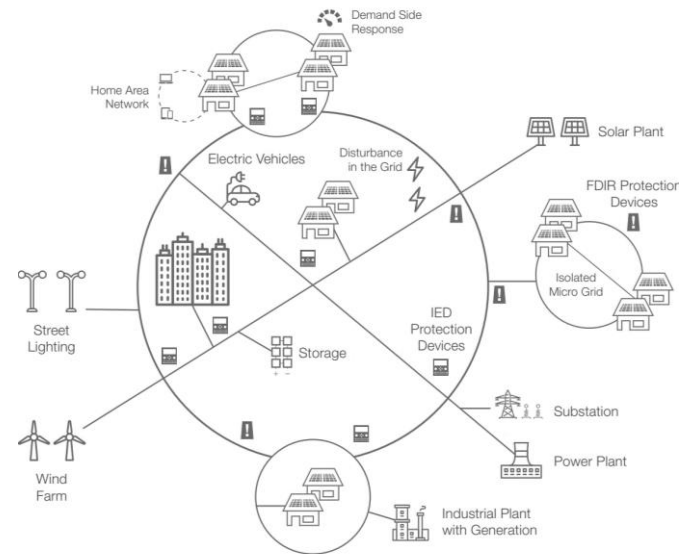
# One thing is certain....change

## Current Power System



*Traditional one-way flow of energy with **limited visibility and automation***

## Future Power System



*Two-way energy flow is ubiquitous, and through **dynamic network capabilities** customers are both **producers and consumers***



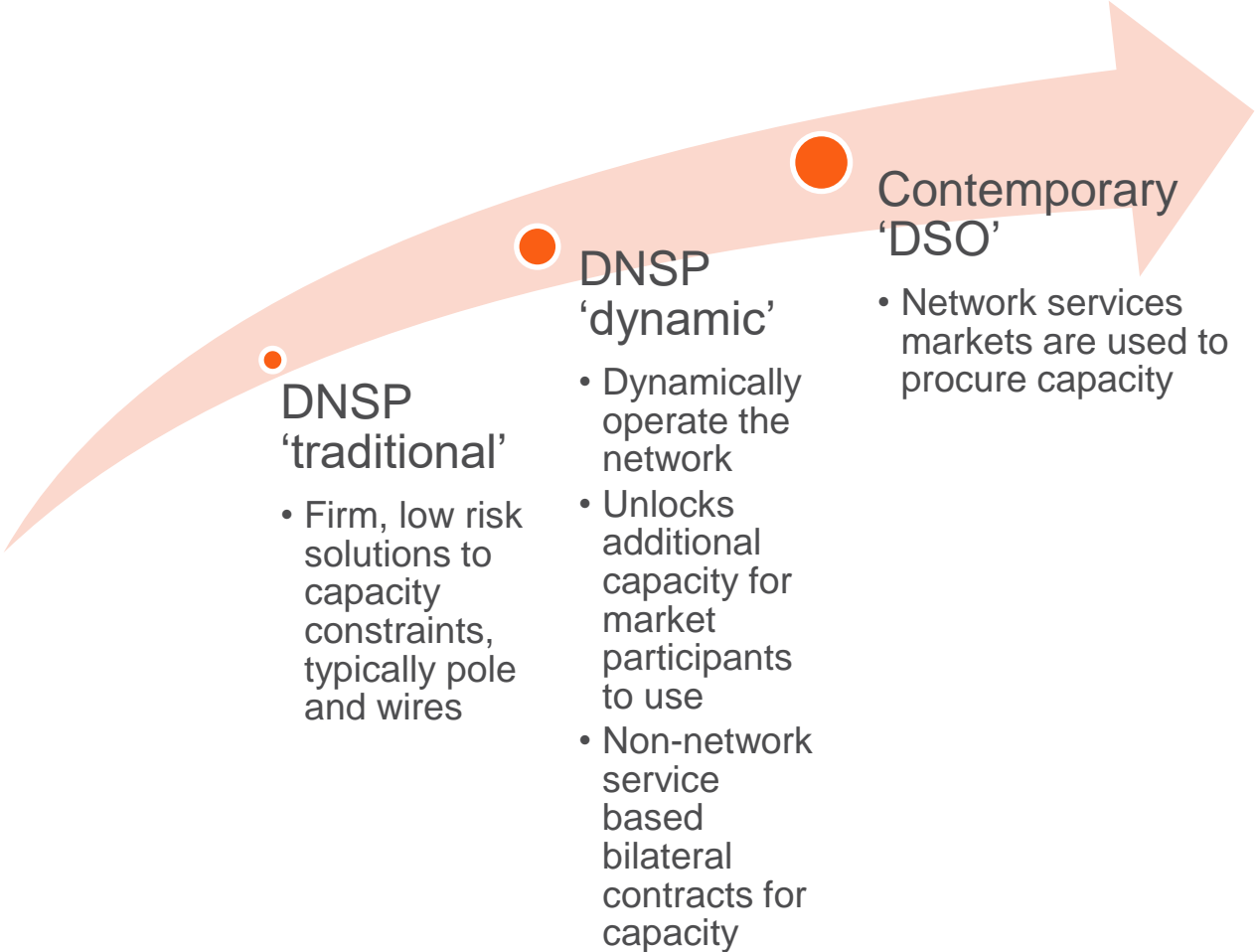
# The concept of 'DSO'

***Definition:*** “*Two-way energy market for customers that enables efficient utilisation of customer and network assets, to both generate electricity and access new energy products”*

What that means for Evoenergy;

- Focus on the **customer** connection **experience** (initial and ongoing)
- Efficient **utilisation** of our **existing** network assets
- **Two-way** operation of the electricity network
- Enabling customers & their agents to **access markets**, providing new energy products

# DNSP to DSO



# What are we doing then?

## Distribution System Operator Strategy Brief

### Scope

Covers the coordination and prioritisation of actions required for Evoenergy to transition to a contemporary DSO.

### Definition

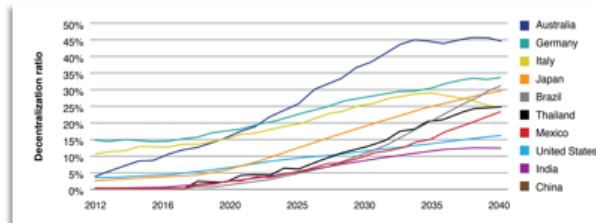
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### Drivers

- DER Uptake – driven by energy affordability and energy independence
- Net Zero Emissions
- These present a challenge to local network capacity, as well as new opportunities for enabling cost effective constraint resolution
- DNSPs will be **owning less and managing more**



Australia is forecasted to be leading the world in the integration of decentralised energy resources

## Strategy Development

# Other business

Next meeting June 2020

# Evoenergy

