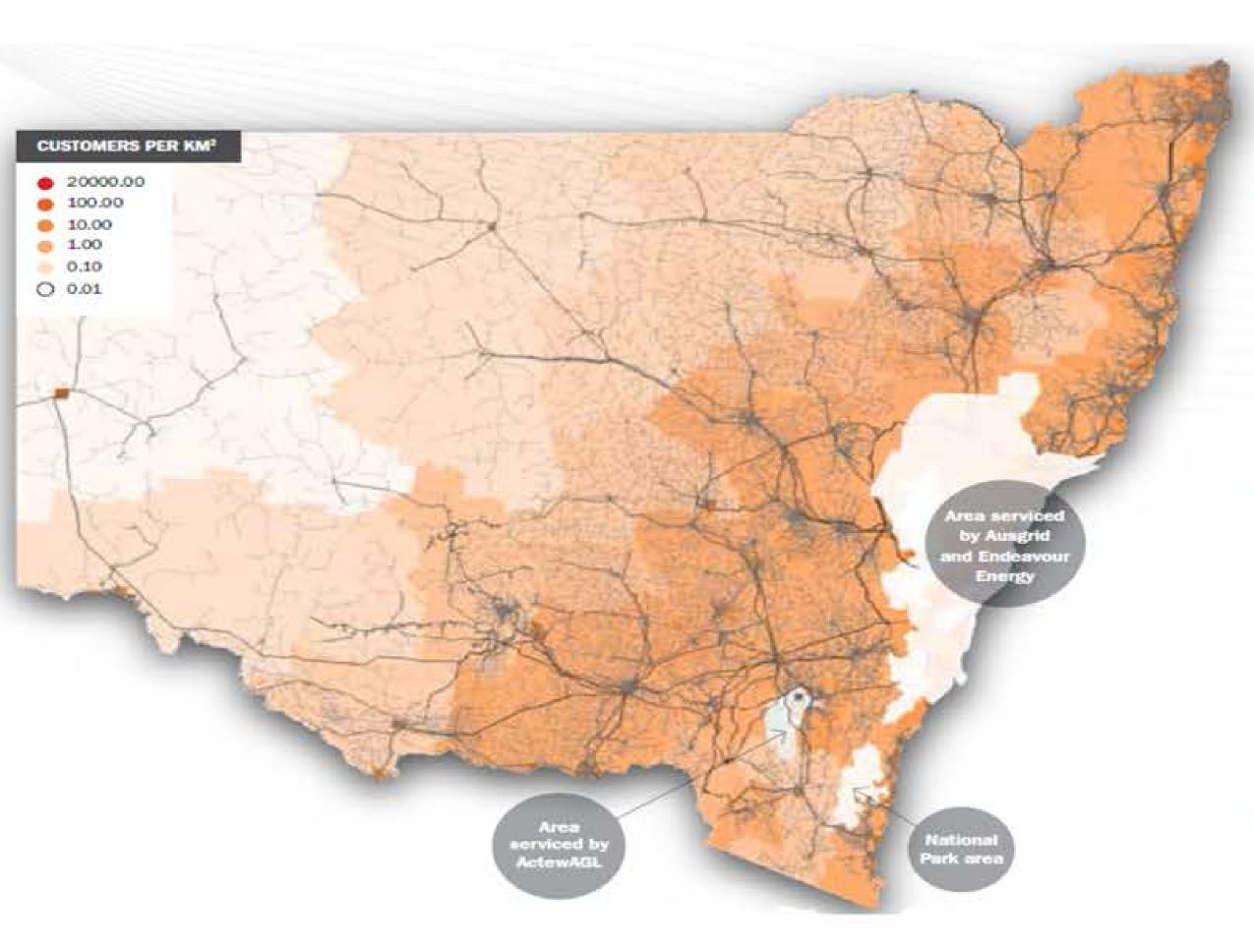
# Delivering On Our Vision

Chantelle Bramley



empowering

# One of Australia's largest distribution networks





1,381,758 Power poles - which

equates to 1.6 power poles for every customer



1,442 powerlines with 10 that are longer than 1,000km the longest spanning

1,905km



95% of NSW and parts of southern Queensland



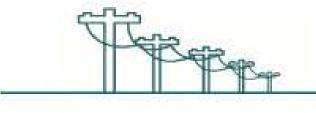
377 Zone substations and 140,000 distribution substations



36 years average age of network assets



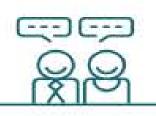
737,000 square kilometres of network



183,612 km of overhead powerlines - equivalent to driving around Australia 13 times



4.6 customers to fund every 1km of overhead powerlines



>840,000 customers





## Our Vision, Purpose and Values

Our Vision
What we want to be

Empowering communities to share and use energy for a better tomorrow.

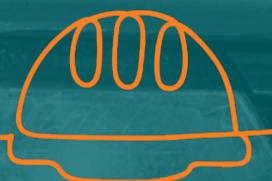
Our Values
What we care about

Our Purpose
What we stand for

To enable energy solutions that improve life.

#### **Business Objectives**

- Continuous improvements in safety culture and performance
- Operate at industry best practice for efficiency, delivering best value for customers
- Deliver real reductions in customers' distribution network charges
- Deliver a satisfactory Return on Capital Employed



Make safety your own

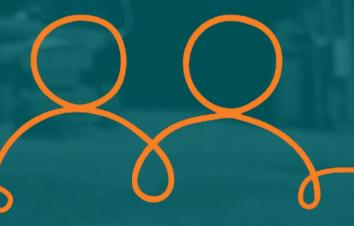
Be easy to do business with



Make every dollar count



Be courageous, shape the future

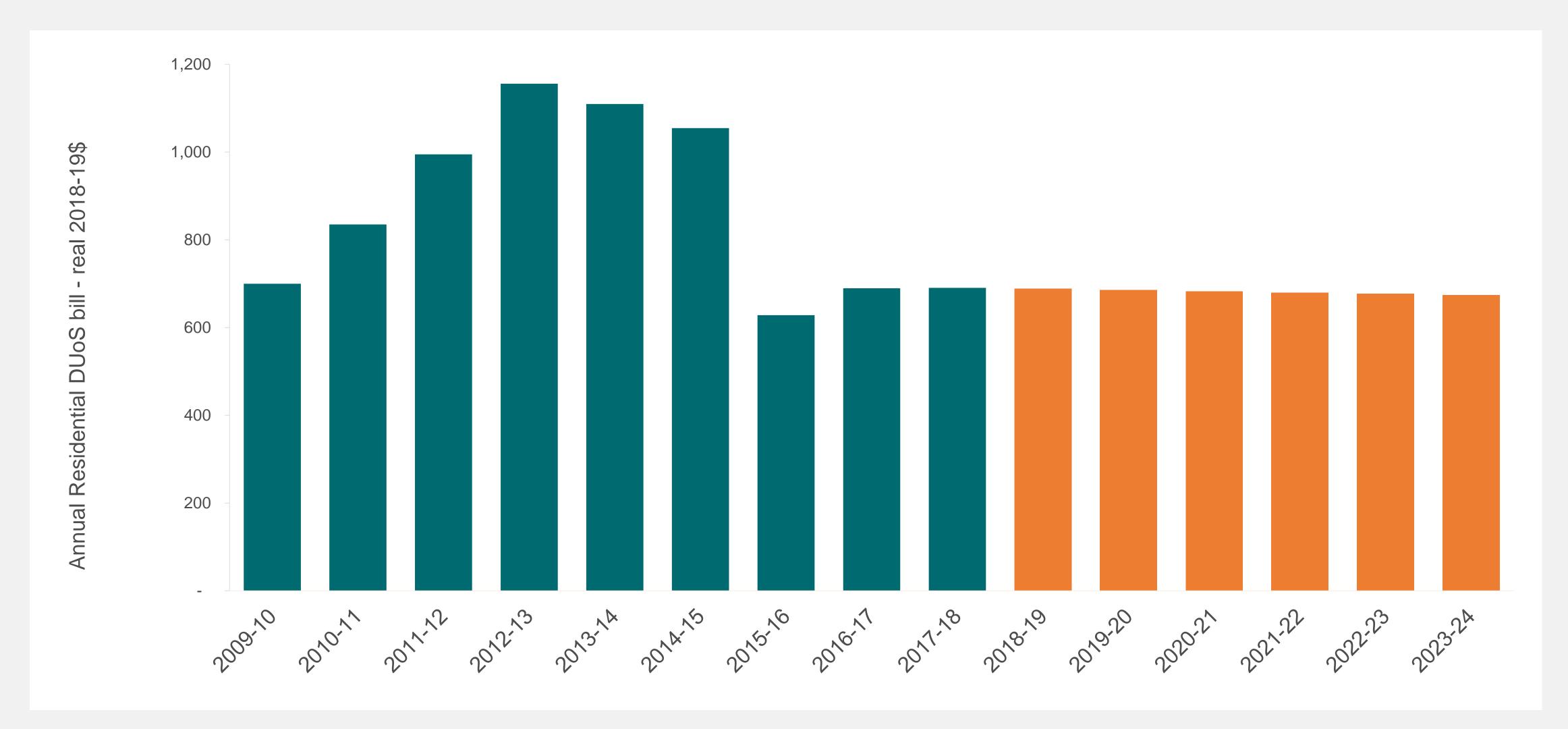


Be inclusive, supportive and honest





# Stabilised prices are not enough

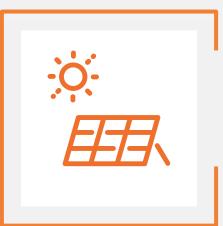






# Changing landscape demands a new approach

#### **DER**



Distributed generation



**Energy Storage** 

#### -Customers ¬



Increasing
Customer
Expectation



Blockchain

#### Load



Vehicle Electrification



Electrification of thermal load

## **Technology** 7



Digitalisation



Artificial intelligence / machine learning

## Regulation -



Activist Regulators



New Performance Measures





# **Empowering the Future – Our Strategy**

1

STRENGTHEN THE CORE BUSINESS

Do what we do today, better

2

REALISE THE FULL
VALUE OF OUR
NETWORK RESOURCES

Do more with our existing assets and people

3

MAXIMISE THE VALUE
OF BEING CONNECTED
TO THE GRID

Make sure consumers connect to the grid, and stay connected



DELIVER ENERGY
TO CUSTOMERS
IN NEW WAYS

Reinvent the way we deliver energy





## Investing to deliver ongoing benefit

**Areas of benefit Potential Benefit** Outcome Capital works program Do the right work to the right scope Field force productivity Do the right work at the right time Investing **Expected** Maintenance and replacement Integrated works planning over \$250m recurring in our Vegetation management More targeted, cost effective program totex people, the benefit of Optimise incentive and improve fault STPIS and fault response way we ~\$84m by response work and 2024 Pay the right price for the right scope of systems External spend with suppliers work we use More efficient support services Leaner support functions Technology and data Leaner function, enabling E2E change

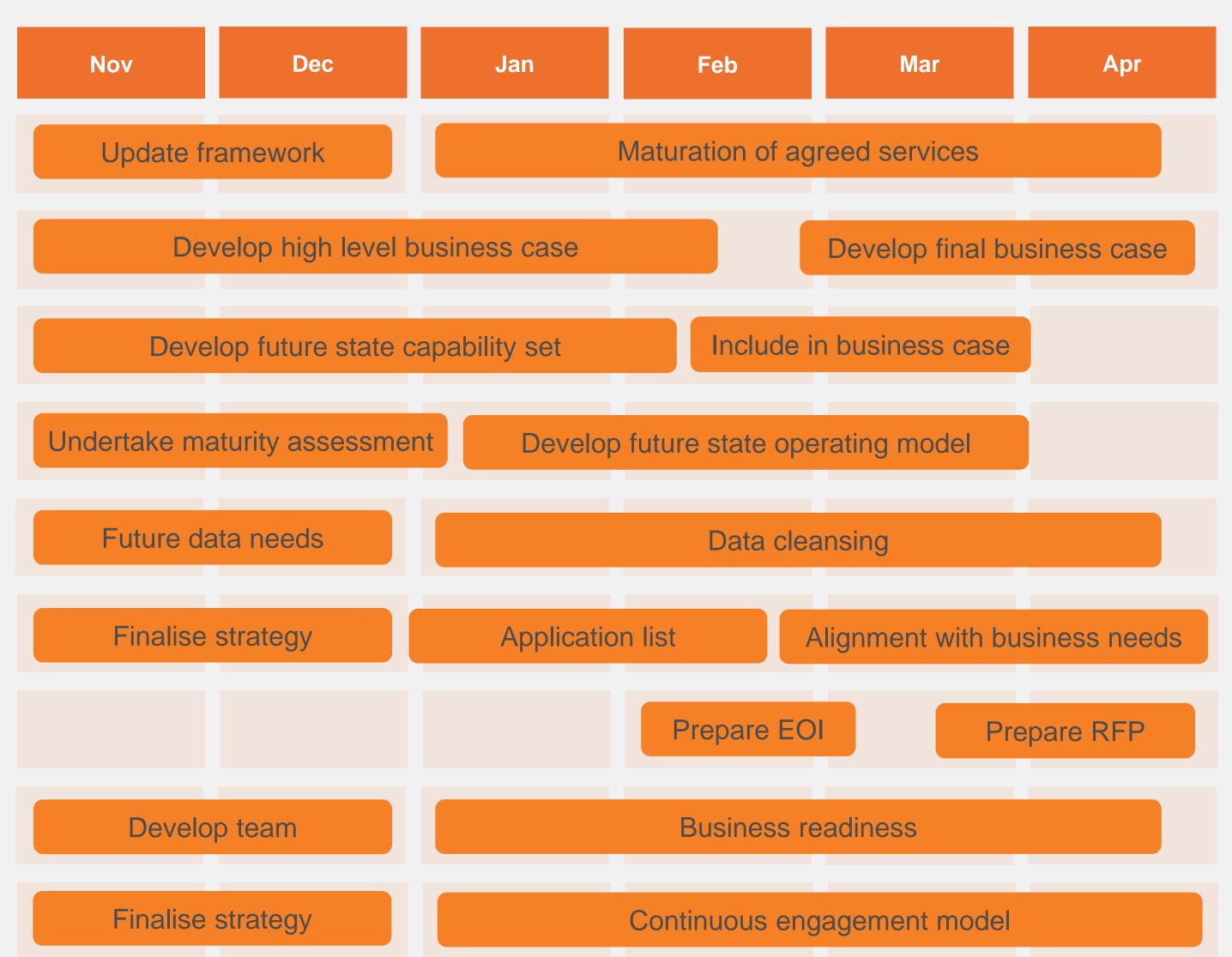




## **Transformation plan**

**Transformation Work-streams** EDO Operation and reporting Develop transformation program of work Identify capability requirements Develop new processes and ways of working Clean up and organise our data Approach to technology Choose the system provider People and change management Communications

empowering





## AER's Draft Decision on our Regulatory Proposal for 2019-24

## **Key points**

- The AER's draft decision accepts our forecast operating and capital expenditure proposal (capex has been slightly reduced due to a modelling correction)
- Our proposed revenue of \$5.53B over the five year period has been lowered by 4.3% to \$5.29B given application of lower rate of return (in line with the draft 2018 Rate of Return guideline)
- Capex All underlying programmes have been accepted and the AER noted the strong links between our strategic initiative investment and expected costs savings
- Opex Opex as proposed has been accepted. The AER acknowledged the efficiencies being achieved from planned strategic initiatives and investment in new technology
- Bill impacts limits **bill increases to below inflation**. The average annual electricity bill for residential and small business customers will be \$70 and \$314 higher, respectively by the end of the 2019-24 period (nominal).

AER: "This draft decision, which largely accepts Essential's revenue proposal, reflects not only the considerable efficiency gains it has achieved over the current period, but also the strategies and initiatives it now proposes to deliver further efficiencies in expenditure and improvements in productivity over 2019–24"

AER: "Perhaps the highest commendation of Essential's engagement are submissions from CCP10, ECA and the Energy Users Association of Australia (EUAA) that from a consumer perspective Essential's proposal for 2019–24 is capable (or close to capable) of acceptance."

"

PIAC: concluded that Essential's consumer engagement had been "the best of the three NSW DNSPs" and found that "Essential Energy responded to consumer concern about energy affordability by proposing to significantly reduce its capital and operating expenditure in the 2019-24 [regulatory control period]"





