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Building on a proud past. Creating a smarter, low carbon future.



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Collaboration

Performance

FY20 highlights



Achieved

99.997%

network reliability

Lowered prices for energy customers

1.1 c per KWh¹



Electricity transmission costs comprising

4%

of an average bill²

A safer place to work

employee lost time injury frequency rate 1.0



Renewable energy connected by TransGrid assets supplies

26%

NSW households

Total renewable energy transfered by TransGrid assets

5,700 GWH p.a

supplies 810,000 homes

Investment pipeline:

than \$10bn

through major projects



Revenue

\$864.98m



Prescribed capital expenditure

invested in the network





Prescribed asset base

\$6.6bn

across the ACT and NSW

50%

females in our graduate program

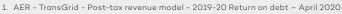
Aboriginal and Torres Strait Islander

2% employment



Founding member Regional Australia Council 2031





^{2.} AEMC price trends report 2019

Telecommunications revenue growth

25%

13,103km

Delivered capital expenditure savings of

\$14.2m



transgrid.com.au

Chairman's message



In a year of great change and uncertainty due to the impacts of the COVID-19 pandemic, TransGrid has demonstrated its ability to be agile and responsive. Despite many new challenges, we continued to provide our essential service to our customers while also advancing transformation of the National Energy Market.

TransGrid ended the last financial year in a very different environment to which we started it. In Australia, we witnessed devastating bushfires on a scale not seen before. Then, with the rest of the globe, we faced the threat of COVID-19. The pandemic has had an unimaginable impact globally on the ways we live and work and brought the value of resilience into sharp focus.

As Chairman, I am proud to report that TransGrid has demonstrated over the last financial year the resilience of our business and people and our ability to persevere in the face of immense challenge. In difficult times, we have not just sustained but continued to advance plans to deliver safe, reliable electricity at the lowest possible cost to customers.

Improved electricity security for customers

Despite the extraordinary nature of the year and the impacts felt so far on the Australian economy and the energy sector, TransGrid has reported another year of strong financial performance. During the year, both the regulated and the contestable businesses met their targets and we also achieved the approval of major projects, the Queensland NSW Interconnector (QNI) and Powering Sydney's Future, and a solid pipeline of customer connections.

The extreme heat and terrible bushfires over the last summer underscored the critical importance of grid security in the National Electricity Market (NEM). Victoria and South Australia again suffered supply interruptions on key transmission lines and some of our lines, in southern NSW in particular, were hit hard, requiring a planned short separation from Victoria. It was a clear reminder of the need for a coordinated approach to transmission and interconnection within the NEM.

This is why the approval of the QNI upgrade during the year was so important. It represents a strong step forward for the NEM, providing improved security for electricity customers in NSW and Queensland as the energy transition continues.

Regional economic stimulus delivery

Among the changes and challenges of this past year, one thing has remained constant - the need for energy businesses to deliver value for our customers. As a founding signatory to the Energy Charter, TransGrid released its first disclosure report in 2019/20, painting a full picture of our performance against the Charter principles, and we reaffirmed our commitment to deliver more for customers.

The resilience of TransGrid means we are also well positioned, given the right conditions, to provide vital economic stimulus to the national and regional economies through delivering a pipeline of major projects which provide benefits to customers through lower wholesale electricity prices. Our business stands ready to invest more than \$10 billion in these projects, which would, if approved, create thousands of jobs which will be essential to driving economic recovery after the recessionary impact of the pandemic.

Looking ahead, delivering safe, reliable and affordable electricity to customers remains TransGrid's objective. I look forward to reporting back next year on how our business has continued to achieve this goal.



REVENUE

\$864.98m





Chairman's message

FY20 highlights

CEO's report

Our role

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Collaborat

CEO's report

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Over the last year, our community has been tested by great forces and suffered deep impacts caused by natural disasters, an international health crisis and a global recession. Through it all our people have performed our critical role and fulfilled our commitment with great distinction, maintaining continuity of the electricity supply to the communities we serve.



FY20 highlights

role

BUSINESS REVENUE SURPASSED OUR TARGET BY

\$14.4m

A CAPITAL EXPENDITURE SAVING OF

\$14.2m

DIRECTLY CREATE

When the worst bushfires in recorded We successfully prioritised the safety history swept across regional of our workforce with the need to continue to bring power to more than NSW last summer, our people did everything they could - working three million homes and businesses around the clock in our control room, as they went into lockdown. We put in in the field and in co-operation with strict conditions around our control the Rural Fire Service, other agencies rooms to keep our operators safe and the community to keep the power and changed the way we undertake and the lights on. This devastating essential maintenance to ensure the event overran almost everything in its continued health and safety of our staff. In mid-March, we also adapted our working practices and improved our communication capabilities so all office-based staff could work from home. I am pleased to report these changes were adopted swiftly, with staff adapting quickly to deliver business as usual. As Australia works through its energy transition, TransGrid continues

to support transformation and contribute to planning the future energy system.

During the year, we achieved the major milestone of gaining approval for the QNI upgrade. This critical project will support lower wholesale prices for NSW customers as well as improving the security of the network. As the first project approved as part of the Australian Energy Market Operator's Integrated System Plan (ISP), this represented a significant achievement for the business. Together with securing debt refinancing, it places TransGrid in a strong position to deliver future ISP projects. Work is already continuing on other ISP projects within NSW. We will work constructively with governments, regulators and customers to ensure all these projects deliver maximum benefit to our stakeholders.

Final approval of our Powering Sydney's Future project was another significant achievement for customers, providing security of supply to the CBD of Sydney one of Australia's key GDP drivers. As a proud signatory to the Energy Charter, during the year, TransGrid released our first disclosure report along with the other signatories. We are committed to the Independent Accountability Panel's six recommendations, especially to truly know our customers and communities and go above and beyond compliance.

The resilience of our business means we stand ready to support Australia's economic recovery. We have an investment pipeline of \$10 billion through our major projects, which will directly create 7,000 new jobs. We are working closely with federal and state governments to determine how else we can assist the country's economic recovery. A number of our projects have already been identified as providing stimulus value to the state. As we look towards next year, we will continue to explore how we can further support our communities as we rebuild our economy together.

> **INVESTMENT PIPELINE** OF MORE THAN

through our major projects

Transgrid responded swiftly and effectively to the challenges of the pandemic. In the March and June guarters of 2020, our people

transitioned quickly and effectively to working from home and to new

our business model by sustaining

our historically strong financial

performance. Business revenue

in delivering additional value to

delivering above-target growth.

surpassed our target by \$14.4m and

saving of \$14.2m, which we reinvested

we delivered a capital expenditure

our customers. Our non-regulated

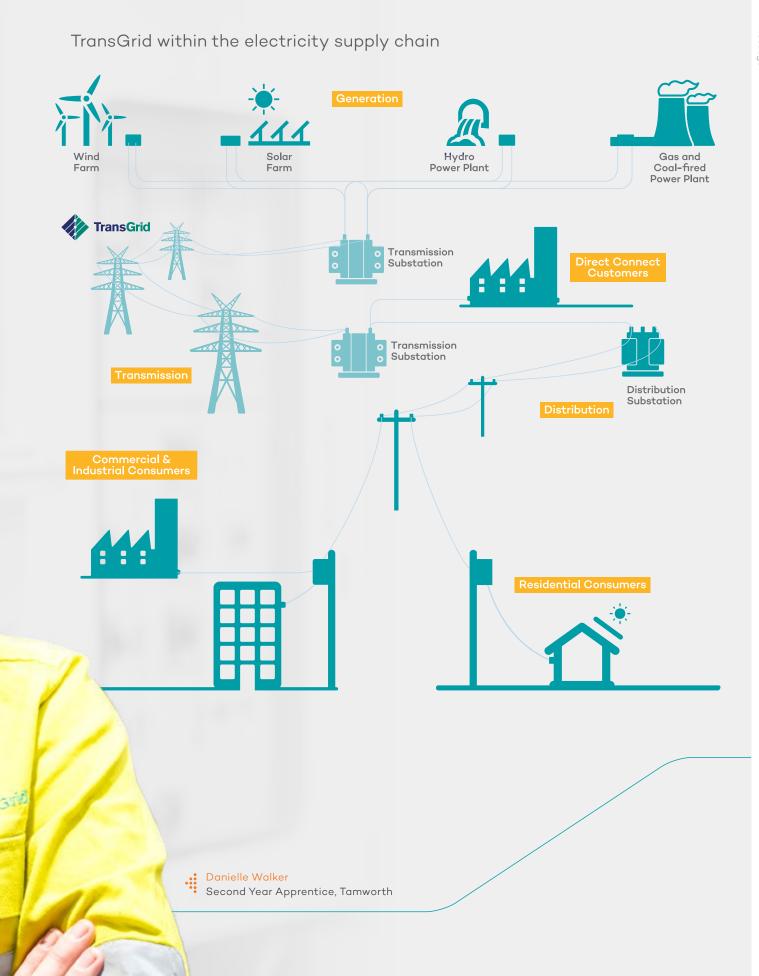
business also continued to perform,

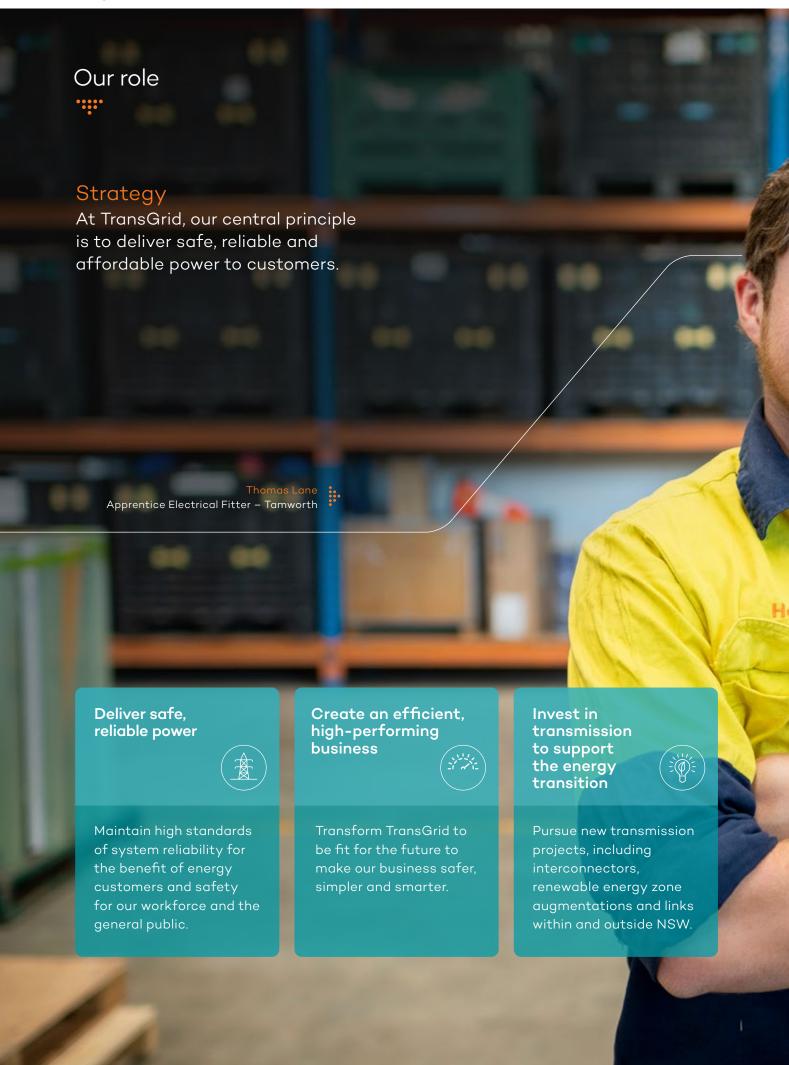
COVID-19 safe measures for working in the field. We demonstrated the strength of

safely and efficiently to replace with new structures. When parts weren't available due to COVID-19 supply chain impacts, our teams improvised and made high-quality spares that were needed for the job. This determined attitude is part of the character of TransGrid. It carries across our business units, helping to sustain and focus us all as we've learned to live and work with the community health crisis of COVID-19 since the first months of this year.

path and many Australians are still living with its tragic circumstances. A number of our transmission lines were badly damaged, most notably in the Snowy region. However, even as the weather turned cold and wet. our teams and contractors worked charred poles and melted cables







Our role





Safety as our first priority

At TransGrid, the safety and welfare of our people and the broader community is our highest priority. In FY20, we continued to focus on injury prevention, health and safety risk management during the unprecedented COVID-19 crisis.

In March 2019, TransGrid introduced our FY19-22 Health Safety and Environment (HSE) Strategic plan, focussing on our five key areas of: Injury Prevention, Leadership and (Safety) Culture, Risk Management, Sustainability and Climate Change and Good Systems.

Building a safety culture

During the year, we conducted an assessment on our overall safety culture maturity level. The assessment identified opportunities to improve our safety culture and HSE performance. To engage the business with these findings, the survey results were presented to all employees and feedback gathered on ideas of how TransGrid could improve its safety culture. We continue to work through the resultant initiatives and will conduct another survey in FY21 to gauge any improvements.

Supporting health and wellbeing

In FY20, TransGrid conducted a Mental Health and Wellness Assessment to create an evidence base from which to measure our progress in this important area. We used the assessment to develop our own Mental Health and Wellness Strategy, with the objectives of:

-) promoting and supporting good mental health and wellbeing for all TransGrid employees, both in the field and in the office
- playing our part in reducing risk and promoting mental health resilience among employees
- creating a culture that facilitates early identification of mental health issues and encourages help seeking behaviour
- promoting programs that enable and encourage employees to manage their physical health

Next year, we will execute our Mental Health and Wellness Strategy with training and systems that grow our resilience and wellness culture.

Safety best practice

During the year, TransGrid launched a Contractor Safety Management System. The system delivers a compliant, industryleading, end-to-end worker safety, training and authorisation platform. It supports risk management and delivers efficiencies by improving visibility of all workers' qualifications, skills and competencies. The majority of the workers involved in hazard and near miss reporting in FY20 were current contractors, this has played a major role in driving our HSE culture and performance. It allows us to manage the potential risks before it arises and provides an understanding of the emerging risks our people face. TransGrid's HSE culture is heading in the right direction with an increasing number of hazards reported: 104 in FY18, 197 in FY19 and 751 in FY20.

Lost time and medical treatment injuries are TransGrid lag indicators. TransGrid's lost time injury frequency rate (LTIFR) was 1.0 for period ending June 2020, and the total recordable incidents frequency rate (TRIFR) was 2.4 at period ending June 2020.



To be a team member you need to live the four safety values – committed, collaborative, enterprising and caring.



Chairman's message

CEO's report

Safety

Affordable

Reliable

Customers

Collaboration

Performance



Our role





Living our values

"I started working at TransGrid six years ago and there have been a lot of positive changes in my role during this time.
TransGrid provides a very collaborative work environment; it's a business that is forever moving and evolving.

My favourite part of coming to work is knowing each day is going to be different, and I'll be faced with new challenges. I have a great team; the comradery is really important to me, and we all support each other to achieve our personal and strategic business goals.

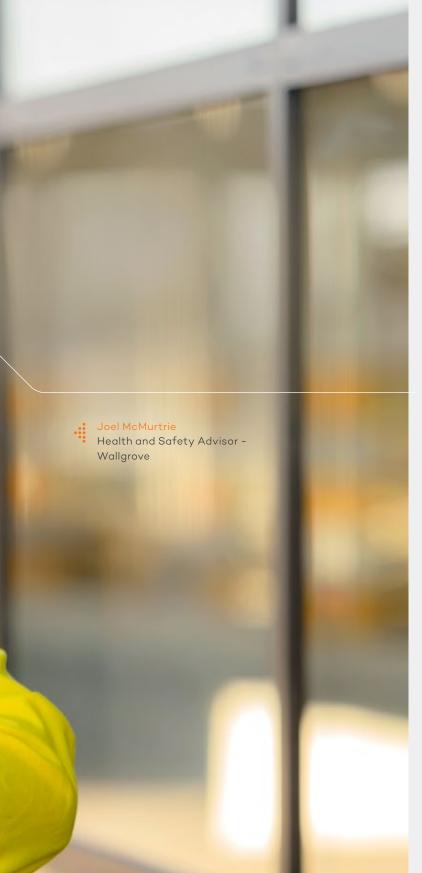
What I enjoy about my current role is the diversity. I'm not 100 per cent in the office, or 100 per cent on site and it's one of the few roles in the business that relates to everyone. While we of course have our set KPIs, the role is totally dynamic. We work across boundaries, interacting with everyone from the design teams to the linespeople maintaining the towers. The Health, Safety and Environment (HSE) team has a part to play in all of it.

The HSE team believe safer people act on their reasons to stay safe. We help TransGrid people develop safer ways to live and work, get home safe and well, to the people and things we love the most, every day. We call it the Personal Big5 (PB5).

My PB5 has changed from three years ago, previously it would have included my wine collection! I have a one-year-old daughter now Adeline, and my priorities have shifted greatly. My wife Sarah always laugh's, because she has now dropped from PB1 to PB2.

We live and work in an atmosphere of high risk, and that includes public safety, so our people understand the importance of staying safe. We know that to establish a mentally healthy workplace everyone has a role to play. The HSE team's Mental Health and Wellness Strategy, is providing a comprehensive program of support to our people during the COVID-19 pandemic.

As part of the HSE team, I'm in a position to influence change for the better."



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Affordable



Improving customer outcomes

The efficient development of the transmission network will provide economic benefits. The needs of our customers are at the center of TransGrid's business and the energy system.

As the energy industry continued to move through unprecedented change, TransGrid worked hard with our customers as, together, we progressed on the journey towards more renewable energy.

Our generator customers are exploring various renewable energy technologies that including hydro, solar, wind and battery energy storage systems. Meanwhile, our major load customers seek to understand how renewables will impact their businesses and how we can help them ensure system security and reliability.

During the year, we continued to engage regularly across all our customer groups to strengthen our relationships and build trust. This included running CEO customer roadshows across regional NSW and quarterly TransGrid Advisory Council (TAC) forums. Our dedicated customer engagement team increased its focus on coordinating with customers around projects and network maintenance. We also held regular joint planning meetings with our distribution network partners to ensure their customers have confidence in the extended network access and capacity available to them.

This year, our annual reputation survey maintained a trust score of over 80 per cent as well as a reputation score of over 75 per cent. While we are on the right path in delivering customer satisfaction and performance, these scores tell us we still have many opportunities to continue to improve the way we interact with our customers and keep them informed about our interaction with the energy industry.

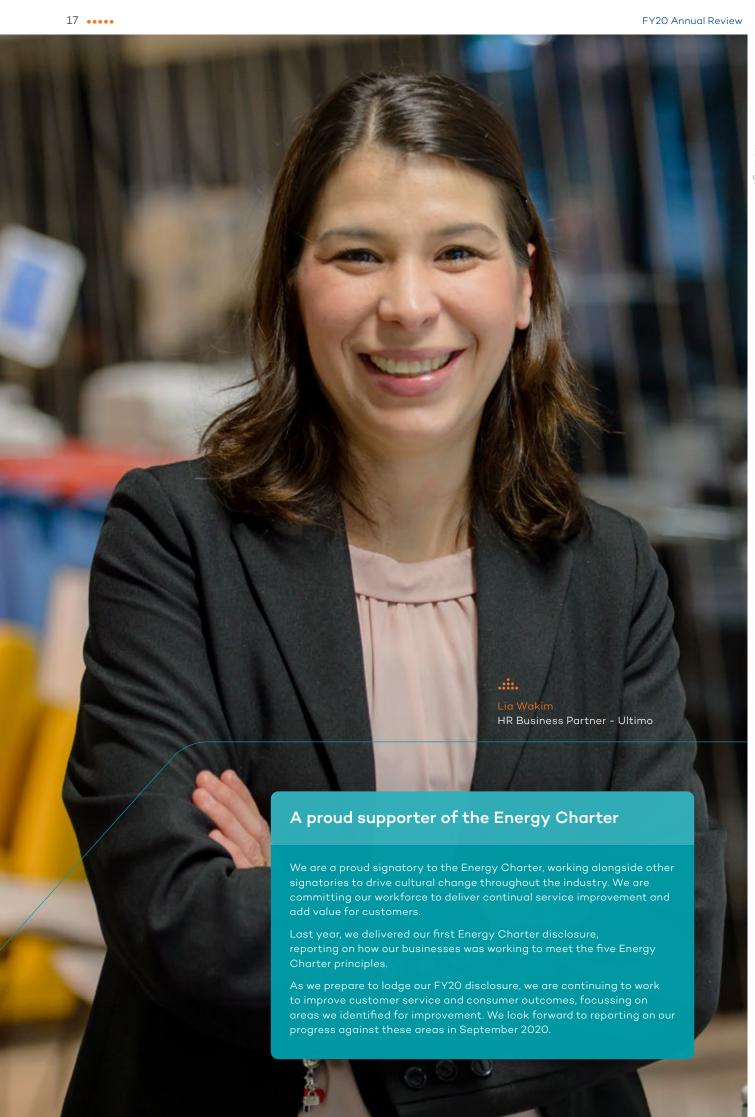
Responsibly connecting with our stakeholders

The TAC is TransGrid's principle stakeholder engagement forum, allowing our CEO and executive leaders to engage directly with customers and industry stakeholders on important issues. The TAC facilitates regular and essential two-way communication between TransGrid and its stakeholders, providing a trusted forum for sharing information and ideas. The TAC provides advice on strategic policy topics and TransGrid's business plans, ensuring that when we make decisions we take into account customer perspectives.

In FY20, we held quarterly meetings with the TAC, and gained important insights into how our electricity transmission business can provide more value to customers. Key topics for consultation during the year included the 2019/20 bushfires, the COVID-19 pandemic and the major transmission projects identified in AEMO's Integrated System Plan. We also engaged with the TAC to help inform and develop our position on regulatory policy and to inform the actions we will take to meet our obligations under the Energy Charter.

REPUTATION SCORE

80% for direct customers



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Delivering value to customers

The transmission network is the backbone of the power system. It provides the capacity to transport large volumes of electricity cost-efficiently at high voltages from large generators to regions where it is used.

PEAK OPERATIONAL DEMAND:

13,835_{MW}

NETWORK RELIABILITY

999997%

GIGAWATT HOURS
OF ELECTRICITY MOVED

68,591gWh

Sustainable management of assets

Network reliability depends on TransGrid effectively managing, maintaining and replacing assets along 13,103 kilometers of transmission lines. In FY20, we continued to manage our assets sustainably and responsibly, delivering ongoing value to energy customers and TransGrid's shareholders. During the year, we efficiently maintained the network and achieved 99.9997 per cent reliability with three outages with

0.92 system minutes lost. Importantly, zero fires were started from network assets.

During the year, the strength of our asset management system was recognised by an external independent review. We developed a whole-of-network risk index and continued to deliver our \$208 million asset replacement program, improving core elements and capability to meet the safety, bushfire and reliability expectations of customers. This included installing replacement 445 transmission line structures and asset renewal works at 41 substations.

We also removed aqueous film forming foam (AFFF) from our substation sites. AFFF was historically used for firefighting but has recently been identified as an emerging environmental risk. Once this risk was identified, we quickly removed the foam and replaced it with a safer modern solution.

Investment in transmission represents less than 10 per cent of the cost of transformation of the power system going forward. Prudent and timely transmission development will ensure that investment in generation and storage, which makes up the remaining 90 per cent, is cost-effective.

2020 NSW Transmission Annual Planning Report







Reliable



Best practice asset management

Operation of a secure and reliable power system requires innovative approaches and technologies to improve the operation of our existing network. \$157.9m

asset replacement capex in FY20

Innovating our approach to asset monitoring

During the year, we adopted new technologies to improve our ability to identify asset issues and risks before they cause network interruptions. During transmission line inspections, we began using sub-millimetre resolution data capture and deep learning algorithms to better understand the condition of conductors

To enhance our annual asset and vegetation inspections, we deployed high-resolution photography and infrared and ultraviolet cameras to identify issues outside the visual spectrum and in a single flight. This helps us to identify emerging defects before a failure occurs. We also deployed a real-time monitoring system on our Sydney CBD underground transmission cable to identify unauthorised activities in the vicinity of the cable.

Asset management programs completed in FY20

- Replacement of Sydney North secondary system
- Refurbishment work of line 20 from Sydney West to Sydney North
- Various transformer refurbishment works for Kemps Creek No. 1 and No. 2, Ingleburn No. 1, Sydney North No. 3 and No. 4
- Cable 41 voltage control project to address the high voltage issues.
- Renewal works to address end-of-life condition of various Munmorah 330/132 kV Substation assets.
- Grafton East 132 kV Substation
- Installation of an Under Voltage Load Shedding Scheme (UVLS) at Orange North Substation.
- A cross-tripping control scheme in Southern SW and ACT network
- Increased the summer day contingency rating of line 990 from 114 MVA to 137 MVA
- Removal of of equipment limiting the rating on Line X5 Darlington Point to Balranald
- Removal of equipment limiting the rating on Line X3 Balranald to Buronga
- The 99T line capacity upgrade

Rapidly mobilising to make urgent asset repair

In May 2020, an asset inspection a damaged transmission tower between Yass and Cowra. The steel was bent, and the structure appeared to be on its way to failure. Our crew mobilised quickly to organise repairs and were on site that night to monitor the damaged tower around the clock until work could begin. In just 12 hours, cranes and a demolition crew arrived to replace the damaged structure with two concrete structures, putting it back into service.





Chairman's message

CEO's report

Safety

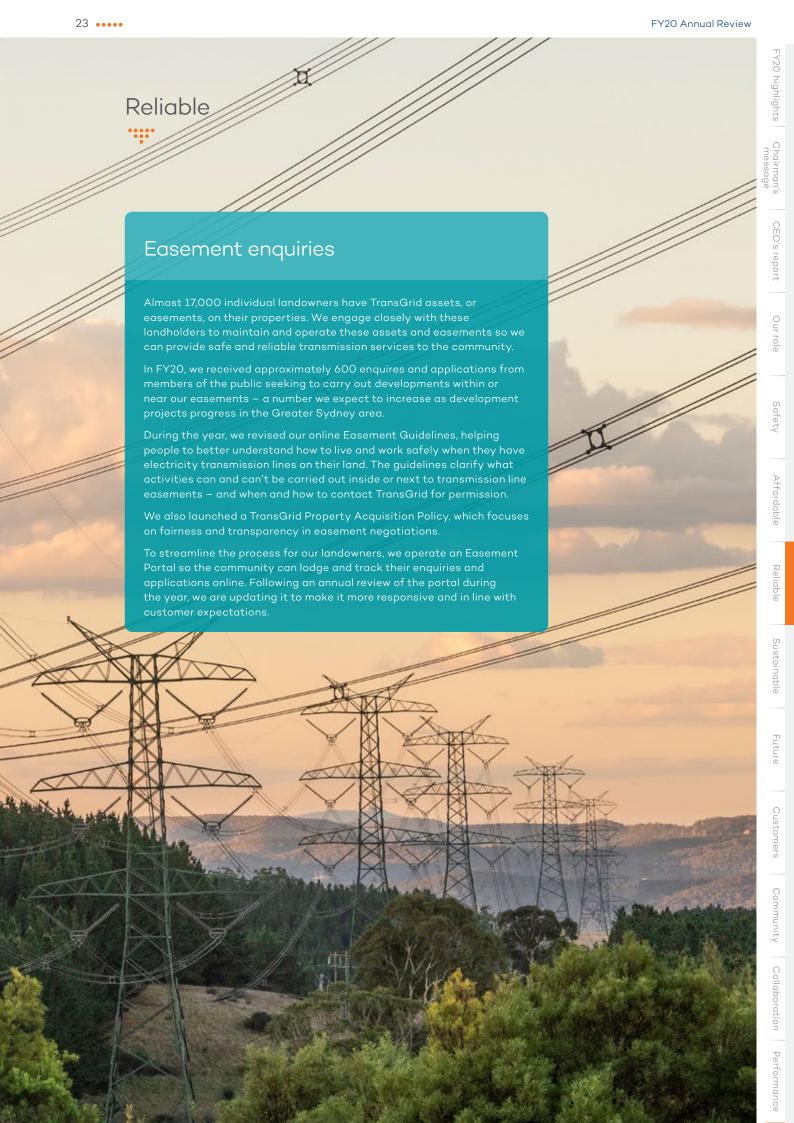
Affordable Reliable

Sustainable

Future

Collaboration

transgrid.com.au





Reliable



Our environmental vision is to be a strong enabler in the transition to a low carbon energy system and economy.

Establishing our Environmental Social Governance strategy

In FY20, TransGrid began the process of formalising our many sustainability and community initiatives into a robust Environmental, Social and Governance (ESG) strategy to help us prioritise and act on the material risks and opportunities critical for our future viability.

Completing an independent materiality assessment to identify and prioritise our ESG issues, was an important first step in developing our ESG strategy. The assessment included a peer benchmarking exercise, focus groups with employees and interviews with stakeholders, including our customers, regulators, government and TransGrid's Advisory Council. It was conducted in an impartial manner under the auspices of an external consultant and adhered to the requirements of the Global Reporting Initiative (GRI) standards, the International Integrated Reporting Framework and the Sustainability Accounting Standards Board standards. To support the ESG strategy development, we also established a Sustainability Working Group with representation from around the business.

During the year, TransGrid continued to participate in the annual Global Real Estate Sustainability Benchmark survey, with results due for release in October 2020.

In the coming year, we will finalise the materiality assessment and develop and communicate TransGrid's corporate ESG Strategy. Our first report is expected for publication in 2021.

Developing our climate change adaptation strategy

In FY20, we continued to develop TransGrid's first network climate change adaptation strategy, including completing our network resilience assessment using current climate data and reviewing our engineering design standards. The network resilience assessment was completed in early 2019 and following on from this a review of engineering design standards was undertaken. Both pieces of work informed the development of our network climate change strategy.

This strategy will allow us to estimate physical impacts that climate change will have on the NSW and ACT transmission network over the next 30 to 50 years and beyond. It will help our business to understand how to adapt our substations and transmission lines to withstand climate change, and guide planning of the potential steps required to improve network reliability as Australia faces a more volatile and hotter climate

Assessing the environmental impact of our projects

In FY20, TransGrid continued to ensure the environment was considered at the forefront of every project from the early planning phase through to on-ground delivery. Throughout this process, we engaged constructively and transparently with the communities in and around our projects.

Our approach is to use environmental constraints and risks, along with property, community, economic, technical and regulatory considerations, to guide site and route selection to develop solutions with the least environmental and community impacts. We identify environmental and social values during the environmental impact assessment (EIA) stage of the project, with the aim of further avoiding and minimising impacts wherever possible. We implement any avoidance, mitigation and management measures into project design, construction, operation and maintenance methods and procedures to achieve environmental protection of the values identified from the EIA.

Sustainable



Sustainable advantage

Protection of the environment is important for business success and is a key consideration in everything TransGrid does.

Enhancing our sustainable work practices

We continued to improve conservation measures in our offices and depots. Following the introduction of smart printing in June 2018, TransGrid's print volume reduced by at least one tonne of paper in FY20. During the year, most of TransGrid's office and depot lighting was controlled via a timing and sensor app, ensuring lights are only on when needed.

At the end of 2019, we launched electronic waste tracking as part of our Incident, Risk and Audit and Compliance management system. In the coming year, we are hoping to capture all major waste streams generated through TransGrid's construction and maintenance activities.

To reinforce our commitment to safe and sustainable work practices, TransGrid is planning to have its Energy Connect project assessed via the Infrastructure Sustainability Rating tool developed by the Infrastructure Sustainability Council of Australia.

In FY19, we generated around 13,997 tonnes of direct greenhouse gases. This was a 65 per cent increase on the previous year, partly due to

larger than expected gas losses from the network but mainly due to more accurate reconciliation of gas movements over the year.

We also generated 1,226,978 tonnes of indirect greenhouse gases, a 13 per cent increase on the previous year, as a result of transmission losses. As energy transmission becomes cleaner, we anticipate indirect emissions will reduce. We are currently collating emissions data for FY20.

Supporting conservation of endangered species

For more than a decade, TransGrid has been supporting the Illawarra District Orchid Society and the NSW National Parks and Wildlife Service to conserve an endangered native ground orchid, the Illawarra Greenhood, on our land at Dapto.

Only thriving in two recognised colonies, the Greenhood population had collapsed in recent years. In FY20, thanks to rainfall, weed control and protecting the colony from cattle, its numbers began to recover, with the potential for more seedlings to emerge next year.



Our partnership with the Royal Botanic Gardens & Domain Trust has been in place for more than a decade, giving us the opportunity to make a positive environmental impact over the longer term.

In 2010 TransGrid sponsored the construction of the Seed Processing Room at the Australian Botanic Garden Mount Annan and from 2014 continued its commitment to this facility's plant conservation

programs. Our continued sponsorship of this initiative is a vital part of our effort to preserve the landscape across NSW and the ACT.

Ongoing funding from TransGrid helps the Royal Botanic Gardens & Domain Trust to collect and store native plant seeds in a protected environment so that scientists can use them for research, reference and conservation purposes in future.

Storing these seeds at the Australian PlantBank serves to extend the longevity of many native species, which would otherwise be at risk of extinction.



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Chairman's message

CEO's report

Our role

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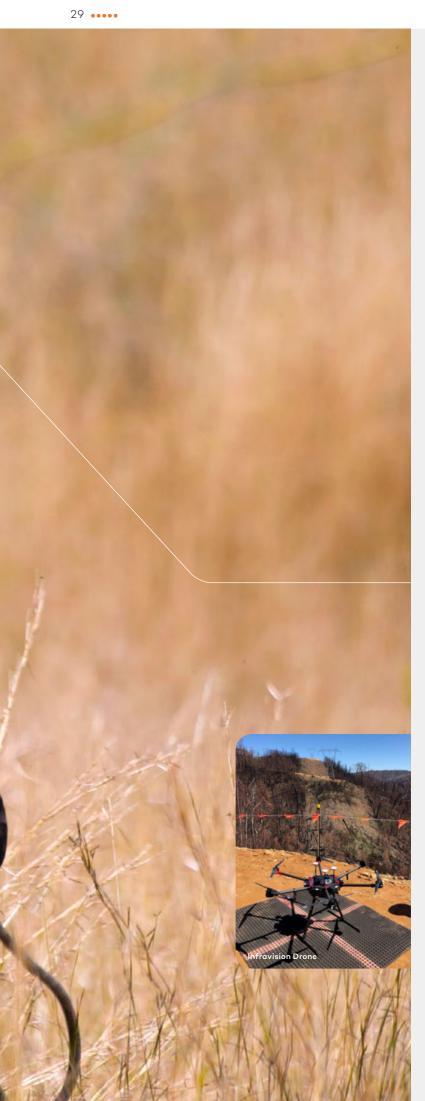
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Sustainable

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Bushfire prepared

Our annual inspections are an important part of our comprehensive maintenance program, and help us identify and manage bushfire risk, ensuring the transmission network is safe for our staff and the community.

Maintaining network resilience

TransGrid sustained a high level of reliability through an unprecedented bushfire season. The year's extreme bushfire activity had a significant impact on our network, damaging transmission lines, disconnecting substations from the network and destroying communications infrastructure. Pleasingly, our network resilience and rapid emergency response meant our customers experienced minimal disruption.

After the fires, we engaged an outside expert to undertake a strategic review of our bushfire risk controls. Their report indicated our controls and practices are keeping impacts to the community as low as reasonably possible.

Repairing bushfire-damaged transmission lines

After the devastating January 2020 bushfires, TransGrid crews raced to repair the transmission line running from Upper Tumut at Cabramurra to the Snowy Hydro Limited Tumut 1 Power Station. The plan was to install a spare conductor temporarily while a new one was ordered from overseas. With steep terrain and no helicopters able to fly, a team from Infravision and the TransGrid line crew strung a rope using a drone and the team winched through a steel draw wire large enough to pull the conductor through.

But, when COIVD-19 closed our borders, the crew realised the conductor wouldn't arrive on time before winter shut the Cabramurra area. Instead, the crew removed the temporary conductor and installed twin conductors between several towers. All this was achieved in a three-week window, involving working through the Easter break and during extreme weather conditions, including snow.

Future



Modernising our network

We know energy affordability is a priority for customers and we are committed to delivering electricity at the lowest possible cost.

Delivering customer benefits

During the year, we continued to work to improve the affordability of electricity by progressing transmission projects that will improve competition within the wholesale market, support the connection of more low-cost generation and reduce congestion on the network. This will help to reduce prices for customers.

We also provided relief to customers impacted by COVID-19 by waiving the transmission charge of bills through the Energy Networks Australia relief package.

Improving energy affordability through innovation and advocacy

During the year, we continued to advocate for better customer outcomes through regulatory platforms. This included working on a rule change that aimed to relieve inefficient cost burdens on generators regarding system security, that ultimately flow through to customer bills. We also continued to explore non-network options, such as demand management and batteries, to defer the need for network investment, including using new Smart-Wires technology on the upgrade of the Victoria-NSW interconnector.

While we are making progress in improving energy affordability, we recognise this is an area where a continual focus on improvement is essential. We are investigating ways to measure the outcomes and benefits of our investments to ensure that they are providing value to energy customers.

Modernising our network

During the year, our major network developments continue to address emerging constraints, supporting the connection of new renewable generation, ensuring future demand can be supplied. Major projects identified below and on page 21.



> QNI - Queensland to NSW Interconnector

On 28 April 2020, the AER approved the upgrade of the QNI, which will increase the transfer of electricity between the states and provide customers with access to reliable, lowest cost energy. The QNI project has been fast tracked with the support of the Federal and NSW Governments, which provided a joint agreement to facilitate the upgrade.

The upgraded interconnector will increase the transfer capacity of electricity between Queensland and NSW, enabling more efficient sharing in the National Energy Market.

The project, which involves upgrades to substations, transmission towers and lines, is expected to provide net benefits of \$170 million to electricity customers and producers and create 155 jobs during construction, which began in May 2020.



> VNI - Victoria to NSW Interconnector

This project, to increase the electricity transfer capacity between Victoria and NSW, will deliver benefits for customers in both states and enable the efficient transfer of generation resources between the two states This increased interconnection capacity will also help to improve the reliability and resilience of the power system.



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Chairman's message

EO's report

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Paul Italiano CEO TransGrid, seen here alongside NSW Minister for Energy and Environment Matt Kean, at the press conference on the 23 June 2020, to announce funding for the development of Australia's first Renewable Energy Zone (REZ).



Reliable



Future



Supporting low-cost generation

In late 2019, the NSW Government approached TransGrid to work together to deliver Australia's first ever coordinated renewable energy zone, a 3,000 megawatt pilot in the Central-West Orana

Central-West Orana Renewable Energy **Zone (REZ) Transmission Link**

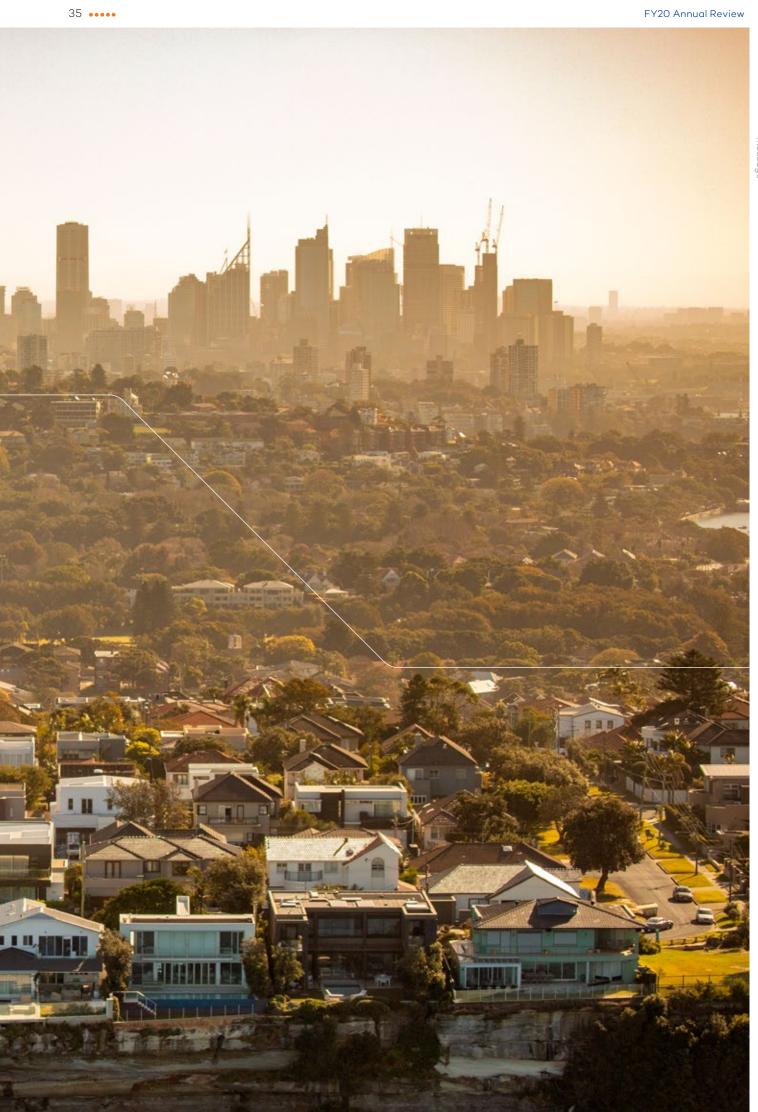
The project is a key part of the NSW Government's Electricity Strategy, and supports the implementation of the Australian Energy Market Operator's Integrated System Plan ensuring a reliable, affordable and sustainable electricity future and to help replace NSW's ageing power stations as they retire.

Development of Australia's first Renewable Energy Zone (REZ), to be located in Central-West Orana, the REZ:

- will unlock at least 3,000 megawatts of new electricity capacity by the mid-2020s and be worth around \$4.5 billion in private sector investment once fully developed
- is expected to support 450 construction jobs in the local region
- > will deliver affordable energy ahead of the retirement of NSW's coal fired power stations.

The \$5 million funding agreement with the Australian Renewable Energy Agency (ARENA) will enable TransGrid to undertake feasibility and planning works. We will begin engaging with local communities over the coming months to discuss elements like environmental surveys and route identification. Construction is due to begin in 2022.

•••• 34 transgrid.com.au **Future** Future grid During the year, forecast energy consumption began declining due to the economic effects of COVID-19. We are currently forecasting average growth of 0.8 per cent per annum over the next 10 years, an average reduction of around 4 per cent. We also received an unprecedented level of generation The use of the RERT indicates that the wholesale connection enquiries from more than 55,000 electricity market is not delivering efficient outcomes, megawatts of potential solar, wind and hydro projects at highlighting the need for timely investment in various stages of development. Most of these enquiries transforming the power system to improve access were seeking to connect to remote locations where the to existing generation and integrate new low-cost existing network capacity is limited. generation. As this renewable generation comes in and fossil-fuel Without this investment, the grid will reach the point generators retire or move to flexible operation, the levels where downstream congestion will mean connecting of inertia and system strength in NSW will also reduce. additional renewable generation will simply serve to displace existing renewables, resulting in poor outcomes In FY20, we had four summer days where the AEMO had for customers. to intervene to maintain reliability activating demand reductions through the Reliability and Emergency To avoid this outcome, in FY20, we continued to plan Reserve Trader (RERT) mechanism. Had an additional to improve system strength to support the evolving 900 megawatts of renewable generation been available, generation mix. Based on scheduled retirement dates, system strength remediation will be required in the late activation of the RERT would not have been required. 2020s and inertia remediation in the early 2030s.



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Renewable energy projects

In FY20, TransGrid completed 13 transmission connections and associated customer energy and telecommunications infrastructure services, supporting 1,690 megawatts of new renewable generation projects in NSW and Victoria. High capacity load supply services were also completed for new key regional facilities in NSW. This exceeded budgeted expectations by more than 50 per cent.



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Renewable Generation Project Highlights

- The Finley Solar Farm, with a capacity of 133 megawatts connecting at the Finley 132kV bus was registered on 30 July 2019. This solar farm has the first generator owned synchronous condensers connected to the NEM.
- Limondale No.2 Solar Farm, with a capacity of 29 megawatts connecting at Balranald was registered
- Bomen Solar Farm, which is 100 megawatts connecting at Wagga North achieved AEMO registration
- Goonumbla Solar Farm, which is 70 megawatts, connecting in at Parkes achieved AEMO registration on 12 May 2020 and is currently not commissioning its site.
- The Biala extension to the Gullen Range Wind Farm, which adds 106 megawatts to the existing solar and wind farm generation and brings the total to 281.5 megawatts achieved AEMO registration on 15 we have been seeing in the network, where generators are growing in size by adding more wind turbines, batteries or solar to their existing generation plants.



This year saw the team respond to an increasingly complex market environment while taking on larger projects than in previous years.

Innovation and business growth

Many generators are growing in size by adding more wind turbines, batteries or solar to their existing generation plants. New challenges during the year included combining solar generators to existing windfarms, installing battery storage at solar farms and integrating increasing wind turbine capacities. TransGrid responded with innovative approaches to design, planning, procurement and financial structuring, using the breadth of capability within the business.

To support and enable the energy sector's transition into a decarbonised future, TransGrid brought together industry leaders, customers and stakeholders for open discussions about the opportunities and challenges of a sustainable grid. This included our inaugural "customer insights" session in November 2019, with a keynote by the CEO of the Clean Energy Finance Corporation.

New England Connection Capacity Auction

In June 2020, TransGrid began assessing an innovative commercial model to develop transmission infrastructure that unlocks new renewable energy investment in the New England area of NSW. The infrastructure will be directly funded by renewable energy participants in exchange for firm capacity to connect to the NSW grid. The New England Transmission Infrastructure (NETI) development will comprise a purpose-built 330kV transmission line, which will enable up to 1400 MW of new renewable energy generation capacity.



Customers

New connections

TransGrid supports and promotes the development of new renewable generation and is well placed to collaborate with proponents ensuring projects achieve financial and revenue objectives.

Infrastructure Services projects completed or scheduled for completion FY20 include:

Project	MW
Bomen Solar Farm	100
Clarence Correctional Centre	<u> </u>
Darlington Point Solar Farm	275
Finley Solar Farm	133
Goonumbla Solar Farm	70
Sunraysia Solar Farm	200
Wagga North Solar Farm	50
Limondale 1 Solar Farm	250
Limondale 2 Solar Farm	30
Metz Solar Farm	200
Kiamal Solar Farm	257
Beryl Solar Farm	95
Molong Solar Farm	30

NEW GENERATION CONNECTIONS UNDER CONSTRUCTION

NEW GENERATION CONNECTIONS UNDER DEVELOPMENT

25 new projects

NEW GENERATION

10 projects

TOTAL NEW GENERATION 7 projects

new generation capacity



role

Enhanced service offerings

By leveraging our existing network, and offering organisations a viable alternative to underground data transmission, we provide competition and choice in the market and offer greater value for money to our wholesale, government, enterprise, energy and renewables customers. We also partner with several providers, including the nbn™. During the year, we added the nbn™ Enterprise Ethernet service to enhance our service offering and further extend our network reach to customers in a streamlined and cost-efficient way.

Investing in services

In FY20, revenues have grown by more than 25 per cent year-on-year as we invested further in resources and partnerships to evolve our service proposition. As a result, we have expanded our customer base, adding major new customers including: Western Sydney Airport, Essential Energy, Water NSW, NSW Police and Berrybank Wind Farm to name just a few.

In August 2019, in response to increasing demand for higher bandwidth, we started building fibre to key Points of Interconnect (POI's) across NSW the ACT and

Victoria, extending our reach and service offering to customers in both metropolitan and regional areas.

We also launched a Software
Defined-Wide Area Network
(SD-WAN) solution, which allows
customers to leverage any
combination of services. Now,
our customers can choose fixed,
mobile data or broadband internet
services to securely connect to their
applications to the public, private and
hybrid clouds AWS, Azure, Oracle and
Google Cloud.

FIBRE OPTIC NETWORK



GROWTH IN REVENUE

25%

MORE THAN

130

telecommunication towers and 37,000 high voltage transmission towers across NSW and the ACT

Improving the customer experience

In collaboration with our Energy Infrastructure business, we provided a growing number of renewable energy customers with telecommunications services, delivering Internet and Ethernet services to more than 14 combined projects over the past two years. We also saw increased take-up of our data backhaul and co-location bundling services, delivering competitive solutions for clients, including Vodafone and the NSW Government Telco Authority, where an expansion project involved more than 20 pilot sites as part of the Government Radio Network state wide initiative.

During the bushfire season, the resilience of our infrastructure and commitment of our workforce enabled us to adapt our delivery model to provide essential telecommunications services to our customers against tighter deadlines. In early 2020, in response to the COVID-19 pandemic, we collaborated with Optus to successfully deliver multiple 100 gigabyte additional data services from Sydney to Melbourne in fewer than five days — an unprecedented timeframe for our industry.

Customer service has continued to be one of our priorities. Having established ServiceNow and our service portal in the previous financial year, we have seen a growing number of customers use this digital workflow platform to log and track their queries. Customers have reported a better end-to-end experience with greater efficiency and ease of use.

In FY21, we will continue to invest in our network, technology, automation, digitisation and, most importantly, our people, to continue our ongoing growth and long-term success.

Community



Community engagement

TransGrid's high voltage transmission network flows through and serves communities in all urban, regional and rural areas of NSW and the ACT.

Increasing consultation

TransGrid aims to increase the positive impact we have on the local communities our projects touch. The year saw an increasing number of major projects, requiring extensive landowner and community engagement and consultation to ensure people are informed early about, well prepared for and kept safe during project work.

In FY20, as part of our EnergyConnect project, we consulted with more than 900 residents, landowners and community organisations along 700 kilometers of transmission lines from the South Australia border up to Wagga. This included community engagement sessions in Euston/Robinvale and Moulamein before the COVID-19 restrictions. We then ran communications campaigns on social media, via local print news and through direct email to interested parties.

In October and November 2019, we exhibited the Environmental Impact Statement (EIS) for our Power Sydney's Future project. The EIS was put on static display at various locations, accompanied by a community guide to help people easily grasp the important information. We also communicated these messages by newspaper adverts, community information sessions, industry briefings and doorknocking conversations. During this time, we engaged with the community via emails and letters to stakeholders and a newsletter distributed to 24,000 properties. Our social media campaigns included the community engagement platform, social pinpoint, which helped us gain interactive feedback from the community on the original and revised routes for this project.

During the year, we contacted more than 200 landowners along 300 kilometres of transmission lines about the coming work on the Queensland to NSW interconnector. Our project team visited all 39 property owners to discuss the work on the easement within their property. We also wrote to residents in the vicinity of our Armidale, Dumaresq and Tamworth substations with information about the upgrades and what to expect during construction. As the project crosses substantial agricultural land and six local government areas, we held briefings with NSW Farmers and local councils, who we are keeping up to date with progress.

In FY20, the HumeLink project began working with more than 700 private landowners along the 600 kilometers route corridor from Bannaby to Maragle and Wagga Wagga. We also met with local government and members of parliament. Planned face-to-face landowner and community engagement was delayed by the bushfires and then COVID-19. Despite the restrictions, we had more than 2,500 contacts with individual landowners and 615 landowner comments on the interactive map. The interactive map allows landowners to share information about their farm businesses, privately and in real time, directly with the project team for inclusion in the route refinement process. It will remain open until late 2021.



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Delivering community benefits

We strive to provide lasting benefits to our customers, community and the environment as part of our commitment to building a sustainable future.

Beneficiaries awarded in June 2020 are:

Organisation	Location	How the funding is being used
Awards Australia	NSW/ACT	Supporting NSW/ACT Regional Achievement and Community Awards
Barkindji Maraura Elders Environment Team	Dareton	Equipment to support rangers with cultural and environmental protection work.
Bega Local Aboriginal Land Council	Bega	Safety equipment for a portable firefighting unit.
Bottle Bend Reserve Land	Monak	Installation of a visitor information board for Bottle Bend Reserve.
Managers Trust		
Cancer Council NSW	Wagga Wagga	Support for the annual Cancer Council Wagga Wagga Relay For Life community event.
Carevan Wagga Wagga	Wagga Wagga	Safety equipment for delivery of meals to those in the community experiencing food insecurity and social isolation.
Cerebral Palsy Alliance	Wagga Wagga	Early development resources for children with Cerebral Palsy and other neurological disabilities.
Country Education Foundation of Australia	Balranald and Coleambally/ Darlington Point	Contribute to educational grants for young people in the community who are seeking post-secondary education.
Cypress View Lodge	Coleambally	Contribute to the installation of an internet server for aged care residents.
Deniliquin Rescue Squad	Deniliquin	Safety equipment and warning lighting.
ErinEarth	Wagga Wagga	Equipment to build a garden bed, providing local produce for community meals.
Euston Regional Landcare	Buronga	Installation of an air conditioner for the Benanee Community Hall.
Firsthealth	Wagga Wagga	Upgrade equipment for a sensory garden for people with disabilities.
Hay Junior Rugby League Club	Hay	Support for an educational program on the environment and local Indigenous culture.
Hunter Wetlands Centre Australia	Shortland	Assistance for access track upgrade.
Jaliigirr Biodiversity Alliance	Bellingen	Funding for the canine scent detective program which helps find injured koalas.
Kurrajong Waratah	Wagga Wagga	Purchase of a defibrillator for Hildasid Farm.
Lake Albert Pony Club	Lake Albert	Installation of a semi-automatic defibrillator and training course for instructors.
Menshed Wagga Wagga	Wagga Wagga	Supporting Menshed community programs and electrical works for a new shed.
Merrimans Local Aboriginal Lands Council	Wallaga Lake	Contributing to the Wallaga Lake Koori Village Youth Development Program providing training and personal development.
Rotary Club of Wentworth	Wentworth	Provision of PA equipment for the main street of Wentworth.
Sunnyfield	Blacktown	Equipment for the Cooking up a Storm program which supports people with disabilities.
The Rock & District Meals on Wheels	The Rock	Purchase of portable devices to assist meal deliveries for elderly members of the community.
The Smith Family	Wagga Wagga	Support Girls at the Centre, an educational program which encourages girls to become leaders.
Tumut & District Historical Society	Tumut	Assist with production of a large collection of historic photographs for the Millet Farming Photographic Showcase.
Wiradjuri Aboriginal Corporation Community Child Care Centre	Wagga Wagga	Purchase of defibrillator and training course.
Yanco Creek and Tributaries Advisory Council	Yanco Creek	Assessment and monitoring of local native wildlife.

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Investing in our people

We are committed to building a high-performance culture where everyone can reach their potential, while contributing to the success of the business and the role we play in the community.

The year saw employee engagement increase significantly for the second year in a row, from 51 per cent in 2018 to 70 per cent in 2020. According to our engagement survey, this increase has been led by people: feeling more connected to a bright future, with TransGrid's strong business performance and major renewables project; and feeling valued, particularly on the back of our fast and decisive COVID-19 response and increasing support for wellbeing and work/life balance.

Building capability

Our approach to managing and developing employee capability focuses on balancing immediate capability requirements with longerterm sustainability. During the year, we built key workforce capabilities, including commercial acumen and core business skills, and began a new senior leadership development program. A new, internally run graduate program, with a 50 per cent female intake, led to high calibre talent being deployed to manage projects.

In FY20, our focus on promoting internal talent paid off. Internal promotions increased from 17 per cent to 35 per cent, reducing employee turnover from 14 per cent to 10.3 per cent. The year also saw recruitment, development and training requirements now aligned with our capability framework, bringing into line employee lifecycle talent, and development requirements.

Creating a diverse and inclusive workplace

TransGrid recognises the value that diversity of thought, experience and background can bring to our workplace.

In FY20, we continued to embed our Diversity and Inclusion strategy across the organisation. A growing number of employees are involved in creating a culture of belonging, through their voluntary involvement in supporting our STEM scholarships, being part of the Diversity Council and supporting our journey towards reconciliation with Aboriginal and Torres Strait Islander peoples.

In FY20, our focus on working towards gender equality continued, establishing a new Women in Engineering Scholarship through UNSW. As part of our ongoing commitment to supporting families, TransGrid refreshed its parental leave offering to meet the changing demands of work and family life, launching a "Share the Care" option for partners wishing to take up a primary care role. Since its launch in 2019, a number of dads have accessed this leave, allowing parents more choice in how they juggle work and home responsibilities. To help close Australia's superannuation gender gap, which is largely due to the time women take out of the workforce to raise a family, TransGrid introduced a super top up payment for full and part-time employees taking unpaid primary care leave.

Our focus on LGBTI inclusion continues to grow with Council members and the HR team undertaking awareness training early in 2020 and support for TransGrid employees to take part in the Mardi Gras Parade.

Promoting ethical compliance

In FY20, the TransGrid Board Audit and Risk Committee re-endorsed our Compliance Management Framework and governance model for compliance management. During the year, we reviewed our compliance with key obligations following the effective date of contestability in the provision of transmission services and planned revision of Transmission Ring-fencing Guidelines by the Australian Energy Regulator. We also revised and rolled out to all employees our Code of Ethics and Conduct, reflecting our continued commitment to ethical and lawful business conduct.

		Aboriginal and Torres Strait
Year	Women	Islander
2015	18%	1.0%
2016	19%	1.0%
2017	20%	1.3%
2018	20%	1.0%
2019	22%	1.8%
2020	23%	2%

In FY20, TransGrid further strengthened our commitment to employee health and wellbeing with initiatives to foster positive physical and mental health during the COVID-19 crisis. During the year, our existing wellbeing initiatives, such as discounted gym memberships, skin cancer checks, flu vaccinations, health checks and an Employee Assistance Program, were expanded to include new elements, such as access to on demand wellness, movement and exercise videos and training to equip employees with skills and strategies to manage personal resilience.

We also raised awareness around stress, depression and anxiety to remove the stigma around mental health conditions, providing employees with education, self-care strategies, support and resources. This included leveraging off campaigns such as R U OK? Day and National Mental Health Month.

TransGrid continued to support flexible working arrangements, enabling people to work in a more adaptive way not just working from home but adjusting work schedules to accommodate personal commitments.

By the end of FY20, we had developed a mental health and wellbeing strategy that will deliver initiatives focused on building psychological and physical wellbeing that support a healthy and resilient workforce. Our approach in the coming year will focus around prevention and early intervention, increasing awareness, supporting recovery and work design and culture.



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Supporting reconciliation

TransGrid has an important role to play in creating a more equitable future. Our aspiration is towards a future where Aboriginal and Torres Strait Islander peoples' deep knowledge of, and connection to, land is respected and celebrated by all who live here.



Reconciliation Action Plan

We look forward to building this relationship in academies across NSW with our volunteer employee network. Last year, we again welcomed two Aboriginal and Torres Strait Islander students to TransGrid as part of our Career Tracker program and were excited to be able to offer ongoing employment to one student at the end of their internship.



the future



Collaboration



Leadership

Our directors and executives have significant expertise and a combined wealth of experience, providing strong thought leadership across the energy industry and other markets.

Board of Directors



Jerry Maycock, Chair B. Eng Mech (Hons), FAICD, FEngNZ

Jerry was appointed as Chair of TransGrid on 22 February 2018. He has spent more than 35 years in business leadership roles and, as a senior executive, has worked principally in the building and construction materials industries. Having begun his career with Shell Oil in the UK and then New Zealand, he held a number of senior management positions in Australia, principally with Swiss-based construction materials multinational group Holcim Ltd over a 20 year period. Subsequently he held several other senior management positions, the last being Managing Director and CEO of CSR Ltd.



Rick Francis, Director and Deputy Chair B.Com, MBA, CA, GAICD

Rick was appointed a Director of TransGrid on 16 December 2015. He has more than 18 years' experience in the Australian energy and infrastructure industries, and has been the Managing Director and Chief Executive Officer of Spark Infrastructure since May 2012. Prior to that, he was Chief Financial Officer at the ASX listed gas transmission and energy infrastructure business APA Group for four years. He also spent more than eight years at Origin Energy Limited in a number of senior management roles including Group Financial Controller and Operations Manager, Energy Trading.



Jean-Étienne Leroux, Director B.Com, MFE

Jean-Étienne Leroux was appointed to the TransGrid Board on 16 December 2015. He has been Regional Director, Transactions & Asset Management in the Infrastructure team of La Caisse de dépôt et placement du Québec (CDPQ) since 2006. In this role, he has a mandate to develop a portfolio of quality infrastructure holdings in Australia, while managing specific assets within the portfolio. This includes the Port of Brisbane, for which he led the acquisition process at the end of 2013. Jean-Étienne is a director of the Port of Brisbane and sits on the Oversight Committee of Fiera Axium Infrastructure (Québec). He has served on the Boards of InTransit BC (Vancouver, British Columbia), the Budapest Airport and South East Water (United Kingdom).



Charles-Edouard Mariolle, Director MBA, GAICD

Charles-Edouard has a long standing experience in energy infrastructure, project finance and corporate governance. Prior to joining CDPQ in 2018, Charles-Edouard participated to numerous transactions in the energy sector in Europe, successively as a senior manager with Deloitte, as the founder of renewable energy developer ECDS ultimately sold to an infrastructure fund in 2011, and as deputy head of Natixis' Mirova renewable energy funds between 2011 and 2018 where he also acted as a board member for the funds' portfolio companies. Over that period. Mirova added more than 3.5GW of new renewable generation across Europe and received multiple awards for its leading ESG approach and investment strategy.

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As Chairman, I am proud to report that TransGrid has demonstrated resilience of our business and people in difficult times. We have not just sustained but continued to advance plans to deliver safe, reliable electricity at the lowest possible cost to customers.

Jerry Maycock Chairman



Board of Directors



BEc, MAICD

Steven Fitzgerald was appointed to the TransGrid Board on 1 July 2018. He is Head of Asset Management for HRL Morrison & Co with responsibility for the performance of private market investments made on behalf of clients. Steven joined Morrison & Co in 2011 after 13 years of senior executive experience at Wellington International Airport, Infratil Airports Europe and Sydney Airport. Steven is also a Director of Queensland Airports and Perth Airport.



Gordon Hay, B.Eng (Hons), MBA

Gordon Hay was appointed to the TransGrid board on 1 July 2018. He is an Executive Director at Morrison & Co, and he is the Portfolio Performance Director for the Utilities Trust of Australia. Gordon has a broad infrastructure background, with specific expertise in energy markets and regulated utilities. His experience spans investment management, corporate governance, and corporate advisory. Previously, Gordon led the Energy & Utilities investment team at QIC. and he served on the Board of Powerco Limited, New Zealand's largest regulated energy network. Gordon was also an Executive Director at an Australian boutique investment bank, where he was responsible for origination and execution of M&A transactions, debt financings and equity raisings across the infrastructure, energy and resources sectors.



FRAeS, FAICD, BSc (Hons), DipEc, MPhil PhD, Grad Dip App Fin, MEnvLaw (Hons)

Dr Warren Mundy was appointed to the TransGrid Board on 16 December 2015. He has held senior executive roles in the airports industry in both Australia and Europe and has worked for McKinsey and Company, the Reserve Bank and the WA Treasury Corporation. He recently retired as a Commissioner on the Australian Productivity Commission after six years of service. Warren is currently a director of the Sydney Desalination Plant, the trustee of the Energy Industry Superannuation Scheme, and the National Health Co-Operative. He previously served on the Board of Airservices Australia as Deputy Chair. Warren is the Chair of both the Regulatory Committee and of the trustee of the NSW Electricity Networks Assets Trust.

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Board of Directors



Dr Keith Turner, Director BE (Hons), ME, PhD, Elec Eng, FIEE, FIPENZ, FNZM

Keith was appointed to the TransGrid Board on 16 December 2015. He possesses extensive experience in the New Zealand energy sector, and served as Chief Executive Officer of Meridian Energy Limited from 1999 to 2008. Prior to that, he worked as a private energy expert advising a range of large corporate clients and Government. Keith has served in senior roles at Contact Energy, the **Electricity Corporation of New** Zealand, and the New Zealand Electricity Department. He had also held many industry reform roles. Keith is currently a Non-Executive Director of SA Power Networks, Victoria Power Networks, CitiPower and Powercor and a Director of Chorus NZ Limited. Keith has previously been Deputy Chair of Auckland International Airport, and Chair of Fisher and Paykel Appliances Limited.



Julie Stanley
Director
GAICD, CA, B.Com

Julie Stanley was appointed to the TransGrid Board on 16 December 2015. She is a former Assurance and Advisory Partner at Deloitte, and has been a Director on the Regional Arts Victoria Board since 2015. Julie has extensive experience as a Registered Company Auditor. She has a deep understanding of the energy sector, having audited a variety of clients, and has gained auditing exposure in the energy sector in Australia and the United Kingdom. She continues to specialise in the energy sector in Australia.

Executive Team



Paul Italiano, Chief Executive Officer B.Bus, MBA, FAIM, FLWA, FCPA

Paul joined TransGrid in May 2016 after serving as the Chief Executive Officer of Western Power since 2012. His career includes time with Wesfarmers General Insurance as General Manager Business Services; at HBF Health Funds as General Manager Financial Services and Strategic Development; and at the RAC as Chief Financial Officer. Paul is a CPA and holds a Bachelor of Business and an MBA. He is also a Fellow of CPA Australia, Leadership WA and the Australian Institute of Management.



Jason Conroy, Chief Financial Officer BCom (Accounting), MBA, FCA

Jason is an experienced senior finance executive and non-executive director with a track record of generating significant value for shareholders. Notably, Jason was Chief Financial Officer of the ASX-listed energy utility operator DUET Group for nine years, where he co-led a significant transformation through mergers and acquisitions, recapitalisations and restructuring. This resulted in its \$7.4 billion takeover in May 2017.

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Brian Salter. **Executive Manager**, Legal, Governance and Risk

BA (ANU), LLB (Hons) (ANU), LLM (Hons) (Syd)

Brian is a highly experienced legal executive, and has practised commercial law for over 35 years. He is a specialist in regulatory, compliance and aovernance issues. Brian was a partner at a major first tier law firm for 19 years. Brian is the former Chair of the Australian Securitisation Forum, the General Counsel 100 and SCECGS Redlands. He was a long-time member of the Legal Committee of the Australian Institute of Company Directors (AICD) and the Corporations Committee of the Business Law Section of the Law Council of Australia.



Michael Gatt. Executive Manager, **Works Delivery** Dip Elec Eng, BCom (Business)

Michael has more than 20 years' experience in the electrical supply industry across a diverse range of responsibilities including technical roles, policy development and senior management. He currently manages TransGrid's capital and operating works programs together with Health, Safety and Environment. Michael previously held board positions with the NSW Energy and Water Ombudsman; held senior roles with the Department of Energy Utilities and Sustainability; and worked as a Senior Adviser for the NSW Government.



Executive Manager, **Network Planning and**

BA (Mathematics), BAI (Engineering), PhD (Molecular Physics)

Seán has over 30 years' experience with electrical power systems globally, and consulting on EU, World Bank and EBRD funded projects. He joined TransGrid in 2019 and oversees major projects across NSW and the ACT. In February 2020, Seán became Acting Executive Manager, Network Planning and Operations, with responsibility for asset management and investment strategies, environmental approvals, non-network solutions and system operations. Seán was previously Executive Manager of Asset Management at Western Power, with responsibility for a \$10.2 billion asset.



Chris Pemberton. Executive Manager, Corporate Services BEng (Hons), MBA, AGSM, GAICD

Chris has extensive experience in improving business performance, service delivery and people engagement supported by a diverse background in corporate and business strategy, infrastructure, operations, IT, purchasing, property and engineering. In his previous role as Group **Head Corporate Services** for Downer, Chris led the IT procurement, shared services, property and business system transformation and the business cost reduction program. Prior to joining Downer, Chris ran his own consulting practise and held a number of senior leadership roles with Qantas.

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Executive Team



Richard Lowe, Executive Manager, Business Growth

Richard has more than 25 years' experience in mergers and acquisitions, financing, and operations across the infrastructure sector. In a career spanning commercial law, project finance and investment banking, Richard has led successful bids and financed major projects and acquisitions valued at more than \$100 billion. He is responsible for growing TransGrid's new connections and network expansion, property, telecommunications, strategic acquisitions and commercialising new technology initiatives. Before joining TransGrid, Richard was Managing Director of Macquarie Infrastructure's \$2 billion infrastructure portfolio



Eva Hanly, Executive Manager Strategy, Innovation & Technology BEng (Hons), BA, MBA, AICD

Eva has 18 years' experience in the infrastructure industry. She has a strong background in procuring and delivering infrastructure and in establishing new businesses, driving growth and leading transformational change. Before joining TransGrid, Eva was General Manager NSW Development at TransUrban, responsible for the growth pipeline, and was part of the leadership team responsible for acquiring WestConnex. Prior to that, Eva was General Manager Commercial at Origin Energy. Eva sits on the Deans Advisory Council for the Faculty of Engineering at



Graeme Wedderburn, Head of Corporate Affairs

BA Comm

Graeme has more than 30 years experience working in business and government at the highest levels. Before joining TransGrid in November 2018, Graeme's career included Director of Specialised Capital Group, Westpac's investment banking arm, General Manager, Government and Corporate Affairs with Origin Energy and consulting for business and governments in Australia and Asia with a range of firms including KPMG. In government, Graeme served in a number of roles including senior adviser to Australia's Minister for Foreign Affairs and as Chief of Staff for the longest continuously serving NSW Premier.

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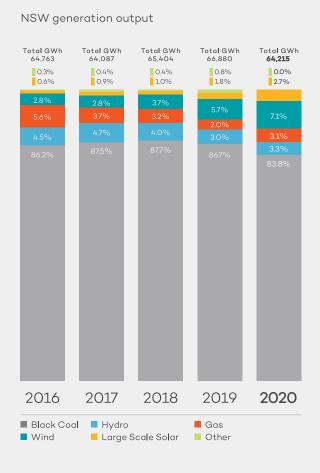


Key indicator review

TransGrid is committed to creating and sustaining long-term value. We delivered a strong financial performance this year, driven by revenue from our non-prescribed business totaling: \$109.10 million.







FY20 highlights

Performance

Key financial indicators*

	FY20	FY19
Prescribed revenue	\$755.88m ²	\$749.05m ²
Non-prescribed revenue	\$109.10m	\$142.52m
Total revenue	\$864.98m	\$891.57m
Operational Expenditure (opex) ⁶	(\$198.78m)	(\$203.28m)
Underlying Earnings before interest, tax, depreciation and amortisation (EBITDA)	\$666.20m ¹	\$688.29m ¹
Net profit/(loss) after tax (NPAT)	\$12.07m	(\$49.72m)
Prescribed capital expenditure (capex)	\$260.62m	\$209.25m
Non-prescribed capital expenditure (capex)	\$238.70m	\$140.07m
Major Projects (capex) ⁷	\$73.98m	\$7.00m
Total Capex	\$573.30m	\$356.32m
Total property plant and equipment (PP&E)	\$7,800.60m	\$7,570.89m
Intangible assets, investment property and other assets	\$3,433.75m	\$3,080.77m ³
Total assets	\$11,234.35m	\$10,651.66m ³
External debt ⁴	(\$5,954.75m)	(\$5,695.06m)
Other liabilities ⁵	(\$1,214.92m)	(\$734.02m) ³
Net assets	\$4,064.68m	\$4,222.58m

¹⁾ Underlying EBITDA differs from the statutory audited accounts as it excludes timing differences in prescribed revenue due to over/under collection, accounting mark to market gains/losses, and some opex items.

²⁾ Prescribed revenue excludes revenue over/under collection and includes network support costs pass-through offset and accrued rebates under the ENA COVID-19 Network Relief package.

³⁾ Restated FY19 comparatives for derivative assets and liabilities.

⁴⁾ Excludes debt raising costs and fair value adjustments.

⁵⁾ Excludes shareholder loans.

⁶⁾ Operational Expenditure excludes bushfire remediation costs, securityholders' allowance and defined benefits superannuation actuarial adjustment.

⁷⁾ Major projects capex comprises Integrated System Plan (ISP) projects and excludes Powering Sydney's Future (PSF). The PSF project is included in prescribed capex.

^{*}TransGrid Group aggregated financials.

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