



Ordinary Meeting of Council

23 June 2021

**UNDER SEPARATE COVER
ATTACHMENTS**

**QUEANBEYAN-PALERANG REGIONAL COUNCIL
ORDINARY MEETING OF COUNCIL**

ATTACHMENTS – 23 June 2021 Page i

Item 9.2	Community Engagement & Selection of Preferred Tenderer for New Playground at Bungendore Park	
	<i>Attachment 1</i>	<i>Survey Results - New Playground Bungendore Park, Bungendore2</i>
Item 9.4	Model Railway Facility Proposal at Queanbeyan Showground	
	<i>Attachment 1</i>	<i>CMNSG Presentation5</i>
Item 9.5	Renewable Energy Purchase Power Agreement	
	<i>Attachment 1</i>	<i>Presentation- Renewable Energy PPA..... 13</i>
	<i>Attachment 2</i>	<i>Procurement Australia: Member Binding Agreement for Tender and Resultant Contract for a NSW Renewable Energy PPA35</i>
	<i>Attachment 3</i>	<i>Renewable Energy PPA Indicative Business Case- NSW.....41</i>
Item 9.6	Investment Report - May 2021	
	<i>Attachment 1</i>	<i>Investment Report Pack - May 202180</i>
Item 9.7	Investment Policy Review 2021	
	<i>Attachment 1</i>	<i>2021 Draft Investment Policy92</i>
Item 11.1	Royalla Common Management Committee - s355	
	<i>Attachment 1</i>	<i>Royalla Common Management Committee - Meeting 10 March 2021..... 101</i>
	<i>Attachment 2</i>	<i>Royalla Common Management Committee - Meeting 28 April 2021 106</i>
Item 11.2	Bungendore Town Centre and Environs Committee Meeting 19 April 2021	
	<i>Attachment 1</i>	<i>Bungendore Town Centre and Environ Committee Meeting Minutes 19 April 2021 110</i>
	<i>Attachment 2</i>	<i>Bungendore Town Centre and Environ Committee Meeting Priority of works 114</i>
Item 11.3	Greenways s355 Committee Meeting Minutes	
	<i>Attachment 1</i>	<i>Greenways s355 Committee Meeting Minutes - 9 March 2021 121</i>
	<i>Attachment 2</i>	<i>Greenways s355 Committee Assesment of Major Works - 9 March 2021..... 124</i>
Item 11.4	Queanbeyan Showground Advisory Committee	
	<i>Attachment 1</i>	<i>Minutes of Queanbeyan Showground Advisory Committee Meeting held 19 March 2021..... 128</i>
	<i>Attachment 2</i>	<i>Minutes of Queanbeyan Showground Advisory Committee held 21 April 2021 134</i>
Item 11.5	Local Traffic Committee 9 June 2021	
	<i>Attachment 1</i>	<i>Local Traffic Committee Minutes 9 June 2021 137</i>
Item 13.1	Delegates Report	
	<i>Attachment 1</i>	<i>Cr Harrison's SEATS meeting report - 13–14 May 2021 144</i>
	<i>Attachment 2</i>	<i>SEATS report - attachment 1 - TfNSW Report SEATS May 2021 147</i>
	<i>Attachment 3</i>	<i>SEATS report - attachment 2 - ESC Araluen Road Briefing SEATS May 2021 159</i>
Item 14.1	Responses to Councillors' Questions	
	<i>Attachment 1</i>	<i>Responses to Councillors Questions 167</i>

QUEANBEYAN-PALERANG REGIONAL COUNCIL

Council Meeting Attachment

23 JUNE 2021

ITEM 9.2 COMMUNITY ENGAGEMENT & SELECTION OF PREFERRED
 TENDERER FOR NEW PLAYGROUND AT BUNGENDORE
 PARK

ATTACHMENT 1 SURVEY RESULTS - NEW PLAYGROUND BUNGENDORE
 PARK, BUNGENDORE

9.2 Community Engagement & Selection of Preferred Tenderer for New Playground at Bungendore Park
Attachment 1 - Survey Results - New Playground Bungendore Park, Bungendore (Continued)

Survey Response	
What would you like to see at Mick Sherd playground?	Do you have a suggestion for a playground theme?
<p>Items suited to children ranging from toddlers through to primary school that encourage active and creative play (not programmed for single use). Our kids are not city kids. They are used to challenge from farms and big backyards. The playground should cater for social function - it is where children and parents/carers from the region meet and make friends.</p> <p>Need more than two swings for the little ones. There is often a queue for swings in existing playground! They also love platforms to gather on and small slides.</p> <p>The older kids love monkey bars and horizontal bar 1m from ground for swinging on. Proper flying fox and ropes would be great too. Large rocks, earth mounds and bridges for running around on - often the simple stuff gets the most use and can accommodate a lot of children.</p> <p>Not so convinced about musical, water and sensory play suggestions given proximity to houses, cold climate and low level of maintenance currently provided.</p> <p>The park doesn't have a good record for maintenance and survival of any planting other than trees and grass so design needs be done in way that will still be successful if low plantings fail. More shade trees are a good idea. Need to consider how hot this playground would be in our warming climate and design to minimise surfaces (rubber, concrete, gravels) that hold heat. Shade is essential.</p> <p>Design needs to be done in way that protects established trees that are in good condition or plans to replace them with advanced trees. For example in design provided, it is unlikely that the large tree near the dry creekbed would survive the excavation required to construct the items under the canopy.</p>	<p>I'm not overly keen on a playground theme. A good playground is one that is challenging and fun rather than one that looks cute. The proposed custom structure does a good job of doing it without a theme.</p>
<p>Equipment for 2 to 12 year olds Climbing frame Sit on flying fox</p>	Fit and Fun
<p>2 Section for 1 to 5yr olds and separate things for 5 to 12 yo like the canberra zoo</p> <p>My daughter would like lots of climbing stuff and slides that come from part way up. Two flying foxes one that is available for wheelchair people and able bodied. Wooden castle. Playgrounds we like are Denman Prospect, Moncrief and Boundless. My child wants a playground that is inclusive for all children and has mentioned many times that they want to design an inclusive playground and that they want to see a slide that is inclusive for people in wheel chairs.</p>	We don't have a theme we just want good play equipment.
<p>1) Is there a way to create partial shade or removable shade so that it's less frozen and wet in winter? 2) 4 Access to water ie taps or bubblers;</p>	Nature playground: https://www.natureplaygrounds.com.au/ (or elements of a nature playground).
<p>5 This plan looks great but some more shade about the play equipment would make it even better. More undercover picnic tables, adjacent to the BBQ. Child safe fencing needs to enclose the entire area.</p>	Due to the cold, dry bushland region we live, something fanciful but nature related. Tropical Island Escape, Rainforest Adventure etc.
<p>6 Climbing equipment, play house/cubby house, big flying fox</p>	Sports would be a fun theme, or imaginative play in a "town" - ie, streets and shops, coffee shop, garden, bus stop etc.
<p>7 All of the proposed inclusions seem ok except the spinning apparatus. Historically and in my experience these are far too dangerous, especially when teenagers or silly young adults use this piece of equipment. I believe this device is too much of a liability for the council to deal with through their public liability responsibilities.</p>	Blue, red & white - colours of Australian Flag or Yellow, Green, Red & Blue - colours of Nationals, Greens, Labour & Liberal parties.

9.2 Community Engagement & Selection of Preferred Tenderer for New Playground at Bungendore Park
Attachment 1 - Survey Results - New Playground Bungendore Park, Bungendore (Continued)

8	An all-ability swing for wheelchair bound children Sensory activities If possible - elderly friendly activities so that the playground can be multi use	An ocean theme or native animal theme
9	Our one & only playground is outdated, not inclusive & very overdue for a total upgrade. I would like to see a "destination" playground ie: the current plans used, the volunteer working group to be included in all aspects of the playground, including - tenders / budgets etc. I would like the current plan fully funded, not scaled down, not altered from these plans.	Love the plans! Very happy for the volunteer working group to decide on this,
10	2 Separate names as the Mick Sherd Oval is the Oval that was named after Mick Sherd who passed away and played Rugby League and named in Remembrance. The Bungendore Park is the Park and should stay as is !!! I like the design and I would like it Fenced around the Playground for Children to be safe as a very busy road on Butmaroo Street and parking at both ends near the Tennis Court and Toilet Block.	We don't need a Theme name, call it as it should be The 'Bungendore Park'
11	More age inclusive - little kids and big kids. Flying fox. More swings. Safer for smaller kids. Climbing tower or wall. Tunnel slides. A sandpit. Lots of the elements of braidwoods park.	Shearing shed/agriculture. Native/natural environments.

QUEANBEYAN-PALERANG REGIONAL COUNCIL

Council Meeting Attachment

23 JUNE 2021

ITEM 9.4 MODEL RAILWAY FACILITY PROPOSAL AT QUEANBEYAN
 SHOWGROUND

ATTACHMENT 1 CMNSG PRESENTATION



share
Queanbeyan City Council Planning Committee
C/- Ricky Tozer

Mayor and Councillors,

Re: Potential Use of the Queanbeyan Showgrounds by Canberra Monaro N Scale (Model Train) Group Men's Shed

While we have met with the Queanbeyan Show Society (QSS) twice now, we are having difficulty in understanding their objection to our occupation. We are confused by a number of contradictory arguments such as:

- Reliant on outdated legislation when the QSS was the Trustee, however Council advise that this was repealed in 1996, transferring Trustee obligations to the Council on behalf of NSW Department of Crown Lands.
- While the QSS has over 100 years of history, they are denying any other community groups the opportunity to achieve a similar milestone.
- Crown Lands legislation and the peak body Agricultural Societies Council of NSW all support shared use of local showgrounds as a way of ensuring they remain relevant, utilised and treasured by the local community. QSS appears out of step with their own peak body.
- Shared use of the showground will ruin the show, while we are only asking for the use of 360m² of 8.78ha (87,800m²), or less than half of one percent of the site, demonstrating a limited ability to adapt to change.
- The showgrounds have sustained a mixture of different uses in the past, including go-karting and roller skating.
- Removal of the trotting track and greyhound track has greatly increased the usable area and amenity of the showgrounds, which one would think would provide opportunities for replacement or utilisation for other activities.
- A shed will block views of the central arena from Cooma Street, yet hessian bags are affixed to the perimeter fence to shade the dogs involved in the dog trials when the Show is on.
- Happy for Council to build a shed in the location shown on the DA if QSS can use it for storage (not an active use of the site), despite sight line concerns.
- We raised an ability for us with our facility to support the show, however QSS has provided no indication if this would be something of interest to them.

Contrary to the QSS stand on not permitting anybody else to share the site, we are concerned that this will lead to further degradation of the showgrounds and potentially curtail future shows within the local area. We also note that shared use of showground sites in NSW is a key theme of current Crown Land policy and programs, particularly in supporting Men's Sheds.

Despite our best efforts to understand their objection, it appears to us that the QSS is only interested in stalling rather than consulting, this is evidenced by the fact that the process has now stretched over six months without any sign of resolution.

CMNSG is a registered Australian Men's Shed



Why do we believe Council should approve our proposal?

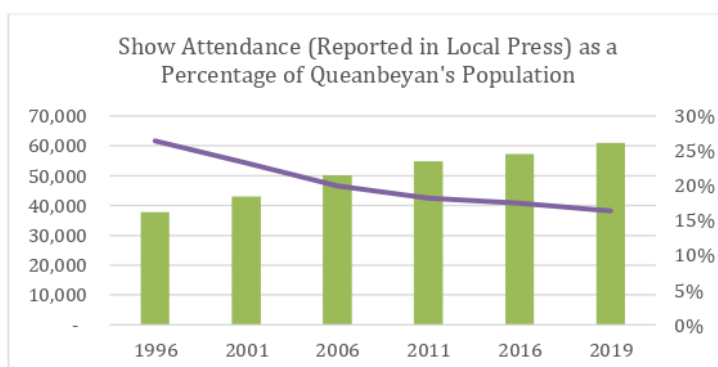
Our proposal is consistent with the NSW Department of Planning Industry and Environment's current Showgrounds Stimulus Funding Program. The objectives of this Program are to:

- protect public health and safety and enhance community use and experience of showgrounds.
- maximise opportunities for economic growth relating to showgrounds.
- provide facilities that support a range showground uses.
- promote the sustainability of showgrounds across NSW.
- stimulate economic growth over short-term timeframes in local economies impacted by the COVID-19 pandemic.

We come with funding for a facility that Council has already speculated may be required at a future date, however the need was overtaken by events.

Additionally:

- Council will not be setting a precedent. Our research has identified 27 cities in NSW that accommodate a Men's Shed (Refer: Appendix C) on a showground. One showground has even supported a Model Railway Club for the last 26 years.
- Higher utilisation of the site should ensure that this valuable community asset remains relevant to and actively serves and supports the local community.
- It will provide additional usage of the site in addition to the two days a year it is used for the Agricultural Show.
- Our Group could contribute additional activity and further attraction to the local show. It appears from press clippings that the local Show attendance figures are stagnant at about 10,000 for the past ten years, despite a doubling in the local population and Queanbeyan's increasing role as a rural/regional hub. That is a reduction from 26% to 16% of the population that attend the show, according to figures stated in the press by QSS spokespeople. We share a similar battle with remaining relevant within a population with an increased array of leisure offerings. We could all work together on these to help appease the local appetite for more and an increased diversity of leisure activities.

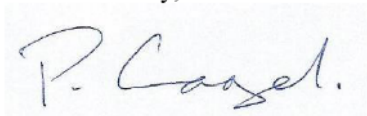


- Our investment in the facility with model railway equipment and machinery is likely to far exceed the initial funding provided to build the building, excluding hours spent by our members modelling.
- While we can share the new NSW Government facility, the opportunity for general use will be restricted by the railroad layout, however we would be more than happy to incorporate features into the design that would permit use of Meeting, Storage Areas and Amenities. These would be worked out following further consultation with Council.
- Our activities are directly compatible with the surrounding neighbours and unlikely to cause disruption to local residents.
- It would provide our Men's Shed with a permanent home and thus enable us to fully embrace the objectives of the Australian Men's Shed Association.
- Membership of our group is open to any interested persons, and we also welcome non-member visitors as part of our normal activities, with controllers and Club rolling stock available for their use.

We are still desirous of utilising the Queanbeyan Showground as a local Community group, and the benefits that an active Men's Shed brings to the local community. Unfortunately at this juncture, we have not been provided with anything to work with to ameliorate concerns.

In closing, we are at the behest of Council to decide so that we can further progress our quest for a new home. We cannot do this until the Council process is complete.

Yours sincerely,



Pat Gagel
President
Canberra Monaro N Scale Group
2 June 2021

Annexure A: About CMNSG

Who are We and What Do We Do?

We are an AMSA Men's Shed. Men's sheds use all different types of activities to pull men together around various themes, including woodwork, bicycle repair, showground upgrades, house repairs and various other activities. In our particular case, we provide an avenue to support the mental health of our mainly male membership, although we are open to female membership, around the activity of model trains. Model trains encompass a broad range of skills, and as a result we have a membership with a broad arrange of skills and interests: from benchwork, to scenery construction, to electronics, through to computer programming. Our trains are now digital and can employ programable devices like Arduinos, among other computerised control systems.

In attracting members via a key theme, it provides a reason for men to come together. If you attend one of our running days, you will see that many our members don't run that much of the time, rather they stand around talking and sharing experiences, health concerns, life's challenges, etc. Model trains are just the common theme that brings them together. Model trains provide a temporary refuge when conversations get too personal.

The profile of our membership is:

- 25% ex-military members.
- Majority of members over 60.
- A number of ex-senior government executives, including 2nd in charge of Natmap.
- Youngest member is a young lady, 8 years of age with her own trains, an 11-year-old Queanbeyan boy, and our oldest member is 91 years old.
- We have members on the South Coast, Cooma, Wagga, Murrumbateman and Tumut.
- A remarkably diverse array of life experience that can be of immense value when shared, especially with local youth.
- Agreement and history of running 'badge' activities for local scout groups.

The world of model railway is an understated, yet diverse, pastime. The depth and breadth of people involved in the hobby is staggering. For example, did you realise that Sir Rod Stewart:

- Hires a second hotel room when on tour for modelling.
- Donated a significant amount to the Market Deeping Model Railway Club following vandalism.
- Has just sent his layout from the US to the UK in five shipping containers.

What we intend to build can be viewed at Sydney N website: <https://sydney-n-scale-model-railway-club.business.site/> that is located on Sydney Water property in Rockdale. Similarly, you can view what we do from the various videos on our FaceBook and YouTube channels.

Our quest for a new home has seen us explore all manner of options with a vast array of Government and private organisations over the last three years, including the ACT Government, Telstra, ACTEW and the Queanbeyan Leagues Club.

The Club is proposing to build a 30m x 12m, fully funded via a grant by NSW Crown Lands, via the NSW Department of Planning, Industry and Environment. We are cognisant with the funding approval, that we have no agreed site for the facility.



CMNSG Members at the 2018 Kaleen Model Rail Expo where the club won Best Exhibition of the Show.

Annexure B: Wingham Showground

Lessons from Wingham Showground

Wingham Showground is in the Manning Valley on the mid-north coast of NSW. It's managed by the Wingham Showground Crown Land Manager, with a seven-member community volunteer board responsible for the care, control and management of the grounds.

The showground hosts a number of events, some of which are major annual attractions in the Manning Valley. These include the annual show, summertime rodeo, Wingham Beef Week, and the Akoostik Music Festival.

It is also home to the Spinners and Craft group, farmer's markets, an indoor archery club, the Manning Valley Rock Hounds Lapidary Club, a men's shed, a pony club, a campdraft club and Manning Junior Rodeo Association.

In addition, there is an on-site caravan park and a hall/ tea rooms, available for hire for private functions.

Source: <https://reservemanager.crownland.nsw.gov.au/i-manage-a/showground>

Annexure C: List of NSW Showgrounds with Men's Sheds

Existing Men's Sheds that exist at the local showgrounds include:

- a. Cooma Men's Shed
- b. Nowra Men's Shed
- c. Moss Vale Men's Shed
- d. Kendall Men's Shed, Cambden
- e. Taree Men's Shed
- f. Berry Men's Shed
- g. Wingham Men's Shed
- h. Men's Shed Young
- i. Moree Men's Shed
- j. Southlakes Men's Shed, Morriset
- k. Wallamba District and Veterans Men's Shed, Nabitac
- l. Parkes Men's Shed
- m. Forbes Men's Shed
- n. Wee Waa Men's Shed
- o. Wauchope Men's Shed
- p. Singleton Men's Shed
- q. Katoomba Men's Shed
- r. Alstonville Men's Shed
- s. Glen Innes Men's Shed
- t. Wellington Men's Shed
- u. Coolamon Men's Shed
- v. Men's Shed Ku-ring-gai, St Ives Showground
- w. Uralla Men's Shed
- x. Gosford Community Men's Shed
- y. Oberon Men's Shed
- z. Ballina Men's Shed
- aa. Inverell Community Men's Shed

What we are proposing is not new. The Dubbo Model Railway Club¹ has co-existed on the Dubbo Showground for the last 26 years.

¹ Dubbo Model Railroad Club - <https://dubbo model railway wixsite.com/dubbo>

QUEANBEYAN-PALERANG REGIONAL COUNCIL

Council Meeting Attachment

23 JUNE 2021

ITEM 9.5 RENEWABLE ENERGY PURCHASE POWER AGREEMENT

ATTACHMENT 1 PRESENTATION- RENEWABLE ENERGY PPA



RENEWABLE ENERGY PURCHASE POWER AGREEMENT(PPA)

COUNCILLOR WORKSHOP

QPRC



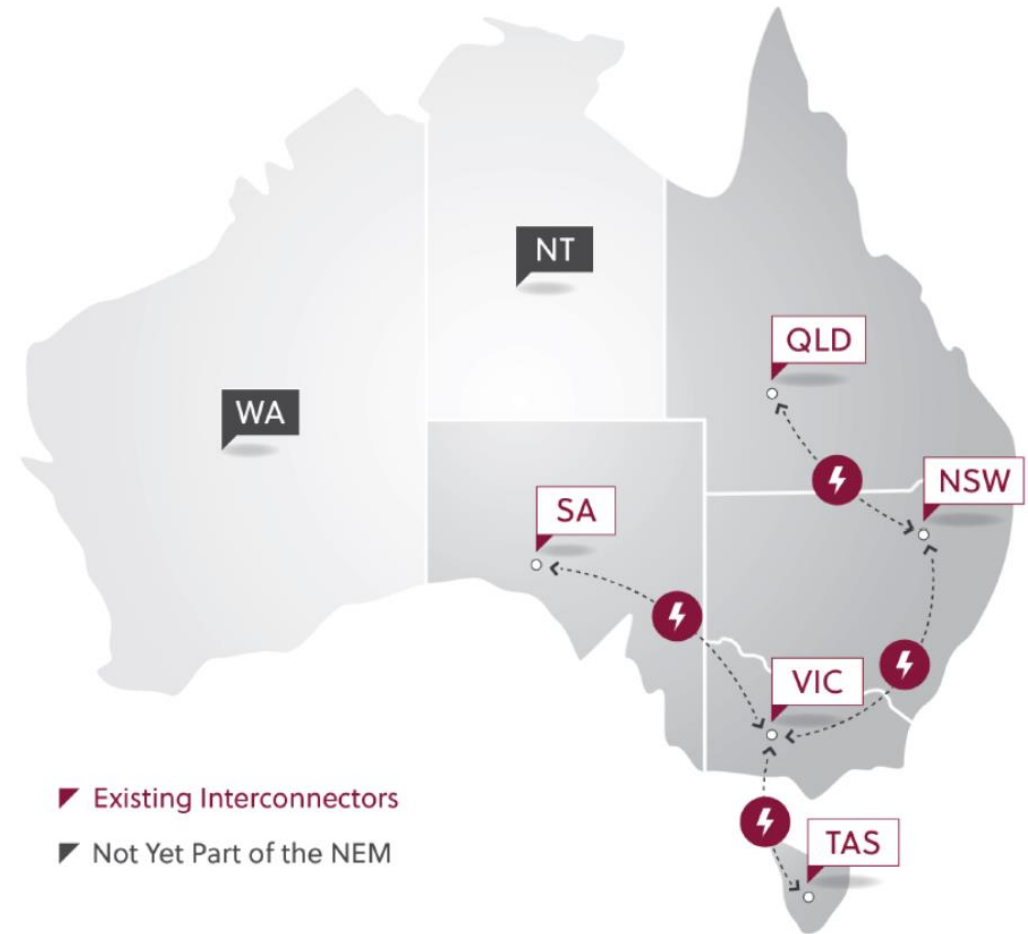


ALTERNATIVE APPROACH TO PURCHASING
ELECTRICITY FOR COUNCIL OPERATIONS



REPRESENTS AN OPPORTUNITY TO MEET
COUNCIL'S 2025 30% ENERGY EMISSIONS
REDUCTION TARGET WHILE ALSO SAVING
COUNCIL MONEY WHEN OPPOSED TO A
STANDARD RETAIL CONTRACT

THE NATIONAL ELECTRICITY MARKET



STAKEHOLDERS IN THE NATIONAL ELECTRICITY MARKET



Generation

- Coal fired power plant
- Solar farm
- Gas turbine



Pooled Spot Market

- Electricity is pooled
- Sold every 5 minute at the spot price



Retailer

- Purchase's electricity
- On sells electricity to a customer at a flat or spot market rate



Transmission & Distribution

- Transport's electricity to end uses
- Manage and maintains power poles/lines



Customer (Council)

- Purchases electricity from a retailer
- Uses electricity

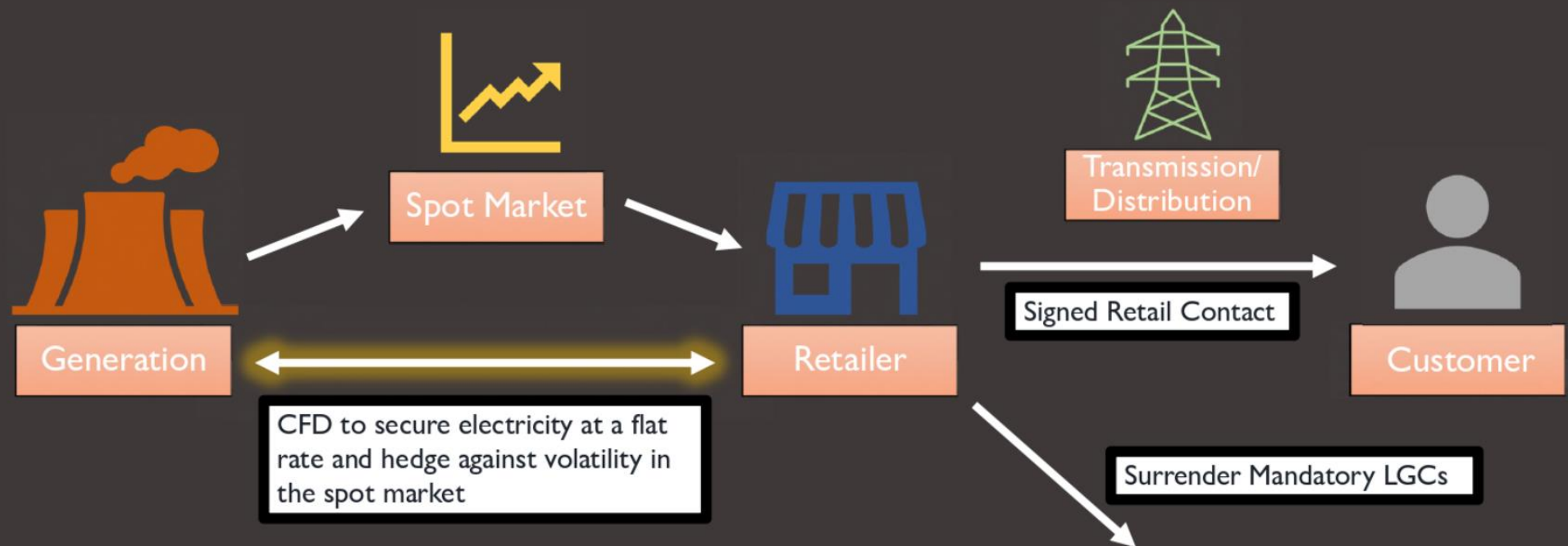




LARGE GENERATION CERTIFICATES

- LGCs are created per megawatt hour of eligible large-scale (renewable) zero emissions energy generation
- They were established by the Australian Government under the Renewable Energy Target
- Under the scheme liable entities such as electricity retailers must purchase LGCs from the market. Typically, this is 20% of their electricity load. These are called Mandatory LGCs
- LGCs can also be sold to companies (such as Council) who are looking to voluntarily offset their emissions and/or achieve renewable energy targets. These are called Voluntary LGCs
- LGCs must be surrendered to the Clean Energy Regulator in order to achieve emissions and/or renewable energy targets

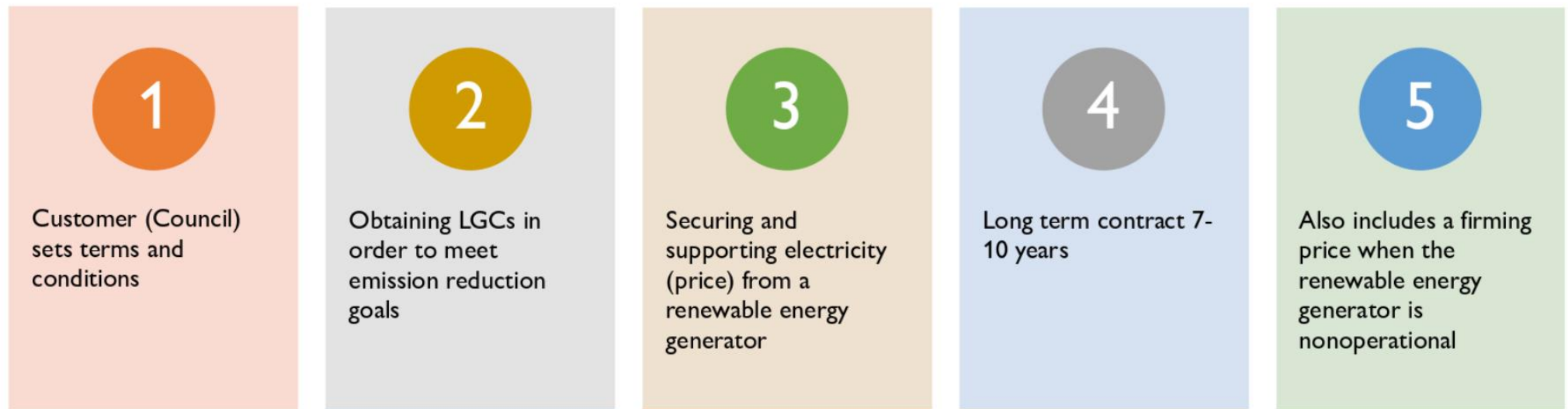
CURRENT METHOD OF PURCHASING POWER (RETAIL CONTRACT)



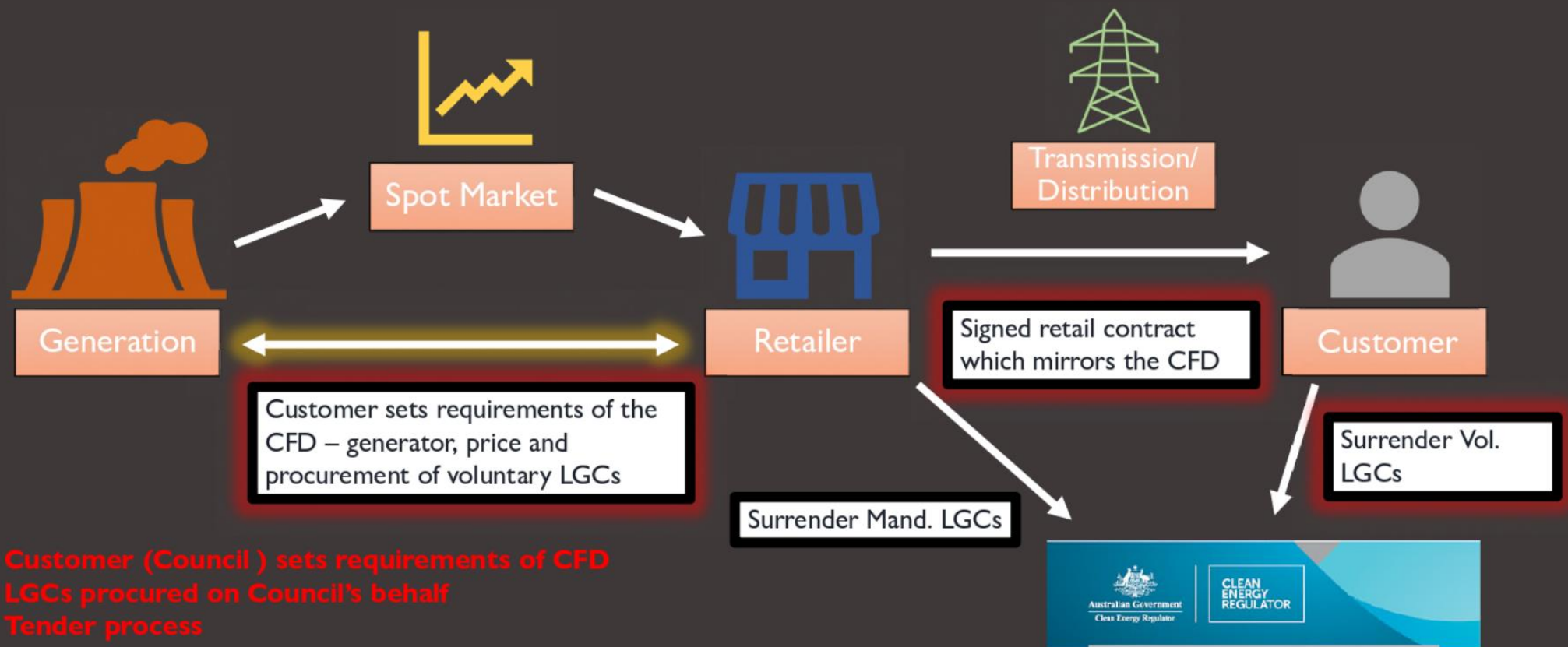
- **Customer (Council) gets no say in the retailer/generator CFD**
- **No LGCs procured on Council's behalf**



PPA BASICS



RENEWABLE ENERGY PPA METHOD



ACCESSING THE PPA MARKET



Only large market (100 MWh per year) and streetlighting sites can be included



A large load (consumption) is generally required typically over 50GWh per annum (Council 6.6GWh)



Commonly the larger the load the better the price outcome



Organisations (Councils) can aggregate their load together in one contract



Organisations need to have a thorough understanding of future energy saving and renewable energy projects

BENEFITS

1-5% reduction in electricity costs are commonly achieved when compared to a standard retail contact

Procure LGCs and meet emission reduction goals or targets

Price security

PROCUREMENT AUSTRALIA'S PPA OFFER



- Procurement Australia is a prescribed agency under section 163 of the local government regulation
- Intending to aggregate load across NSW Councils to progress to the tender stage of a renewable energy PPA
- 7–10-year renewable energy PPA starting January 2022
- Has coordinated and developed large scale renewable energy PPAs- Victoria and Western Australia

PROCUREMENT AUSTRALIA'S PPA OFFER

Process

1. Non-Binding Commitment- Required by mid December 2020

- Indicative business case



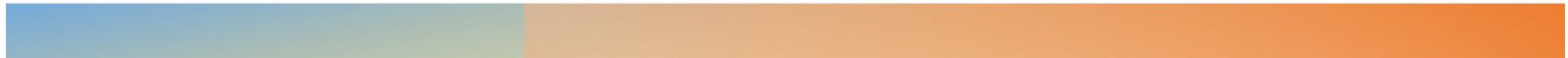
2. Binding Commitment to Tender- Required by June 2021

- Fee estimate \$15,000 (one off)

- Council resolution

3. Going to Market- Required by July 2021

4. Energy Flow- Required by January 2022



COMBINED LOAD OF 250 GWH

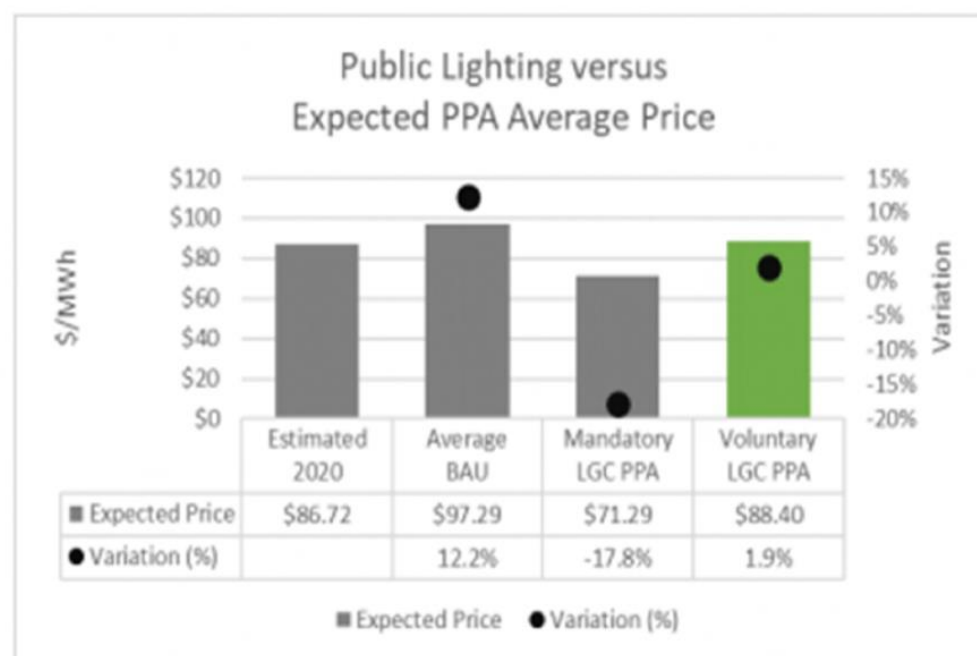


COUNCIL'S CURRENT LOAD (LARGE MARKET SITES & STREETLIGHTING)

- Large market sites: 4907 MWh (4.9 GWh)
- Total public lighting load: 1700 MWh (1.7GWh)
- Council's large market site load is set to increase with the expansion of the QSTP and Googong WRP and construction of the QCCP and Jerra Sports Precinct

SITE	USAGE (MWH) PER ANNUM
Queanbeyan Sewage Treatment Plant	2,040,270
Googong Water Recycling Plant	1,163,470
Queanbeyan Aquatic Centre	471,707
Bungendore Sewage Treatment Plant	257,165
Sewage Pump Station: Morisset Street	237,511
Queanbeyan Works Depot	171,407
The Q Performing Arts Centre	143,661
Water Pump Station: Thornton	102,091
Queanbeyan Bicentennial Hall	76,967
Shoalhaven River Pump Shed	128,007
Braidwood Sewage Treatment Plant	114,928
Queanbeyan Streetlighting	2,700,000
Palerang Streetlighting	283,700
New Queanbeyan Civic and Cultural Precinct	400,000-550,000 (est)
New Bungendore Administration Office	100,000-200,000 (est)
New Regional Sports Complex	100,000 (est)

KEY BUSINESS CASE FINDINGS





IMPORTANT

Price increase above the mandatory PPA price (power only) are due to increases in purchasing voluntary LGCs

Council can select its own voluntary LGC strategy. For example, Council may wish to purchase 30% LGCs (30% of total large site/streetlighting load) to offset 22% of total electricity emissions OR purchase 100% LGCs to offset 72%

Indicative prices shown below are selling prices (worst case). If Procurement Australia doesn't not achieve these prices during the tender stage at a minimum the PPA will not proceed ahead

A photograph of an industrial facility, likely a power plant or refinery, with several tall smokestacks. Thick, dark smoke is being emitted from the stacks, rising into the sky. The sky is a warm, orange-brown color, suggesting a sunset or sunrise. The foreground is dark and appears to be a body of water or a flat, dark surface.

ENERGY EMISSIONS REDUCTION GOAL

30% reduction by 2025

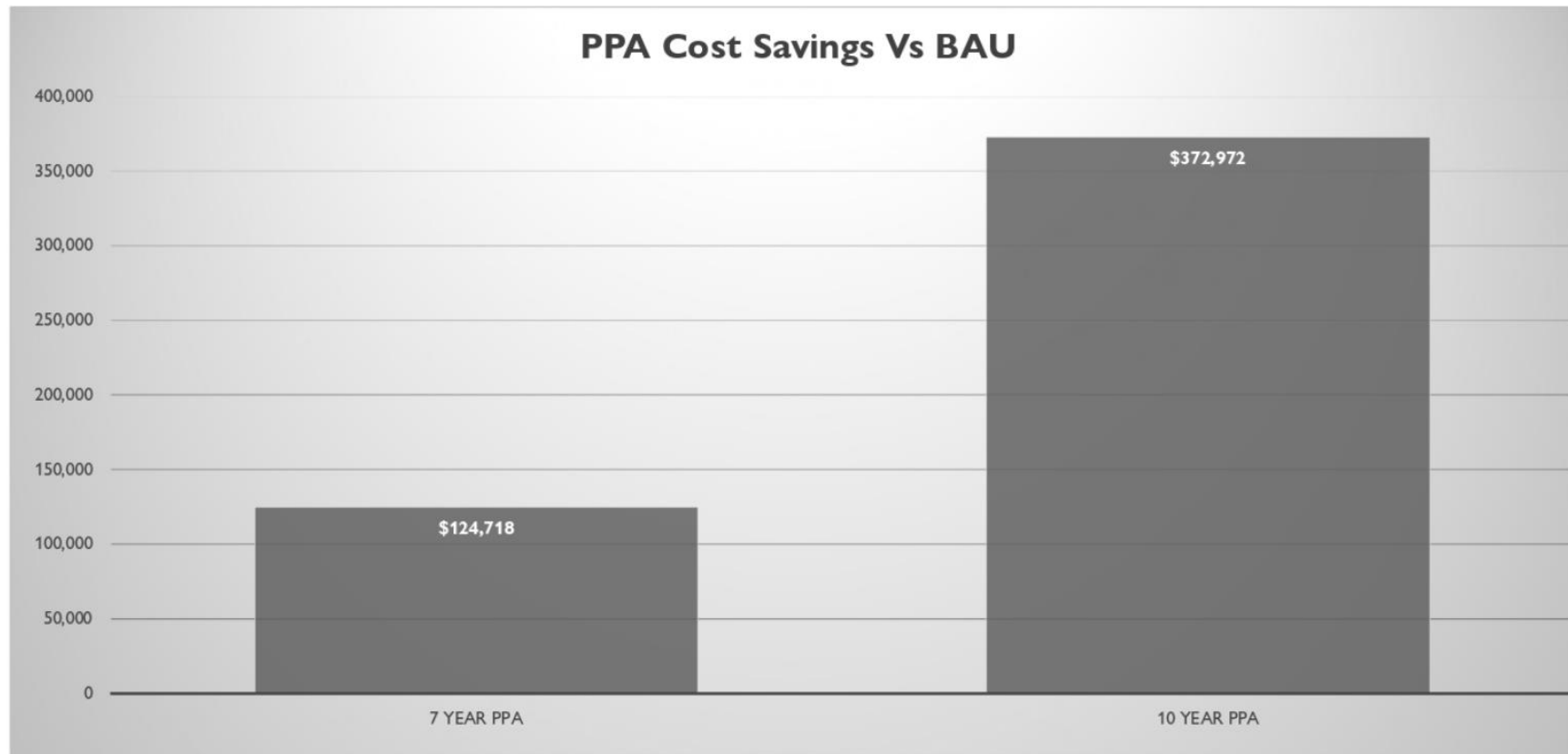
STAFF RECOMMENDATION

- 0% Voluntary LGC PPA for street lighting
- Build up to 65% voluntary LGC PPA for large sites

Calendar Year	22	23	24	25	26	27	28	29	30	31
Voluntary LGC large sites	10%	25%	40%	60%	60%	60%	60%	65%	65%	70%
Voluntary LGCs street lighting	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Energy emissions reduction	5%	13%	21%	32%	32%	32%	32%	35%	35%	37%



STAFF RECOMMENDATION



Takeaways



SAVE Council Money \$\$



Achieve Energy Emission
Reduction Targets

QUEANBEYAN-PALERANG REGIONAL COUNCIL

Council Meeting Attachment

23 JUNE 2021

ITEM 9.5 RENEWABLE ENERGY PURCHASE POWER AGREEMENT

ATTACHMENT 2 PROCUREMENT AUSTRALIA: MEMBER BINDING
AGREEMENT FOR TENDER AND RESULTANT
CONTRACT FOR A NSW RENEWABLE ENERGY PPA



MEMBER BINDING AGREEMENT
FOR TENDER AND
RESULTANT CONTRACT

FOR

A NEW SOUTH WALES RENEWABLE
POWER PURCHASE AGREEMENT (PPA)



27 April 2021

Parties:

This agreement is between the Parties:

Procurement Australasia Limited (trading as Procurement Australia) ABN 45 058 335 363
A company incorporated under the Corporations Act (Cth) with its registered office at level 18, 461 Bourke Street Melbourne VIC 3000 **(Consultant)**.

And

Member organisation:
ABN:
Address: **(Customer)**

Recitals:

1. Procurement Australia is a member organisation that acts as an aggregator and provides professional procurement services including energy category solutions.
2. The Customer is a member of Procurement Australia with the Customer electing to engage the Consultant in this binding agreement via their aggregated member process to establish a large scale renewable generation power purchase agreement. In so doing, the Customer will participate in the Consultant's request for tender event and be legally bound to contract with the successful respondent should certain parameters be met via the process undertaken.
3. The Consultant's services are provided in accordance with the terms of this agreement.
4. The Consultant's services are provided on an exclusive basis with the outcome of the request for tender binding on the Customer should the request for tender's result as narrated in the Consultant's tender evaluation report fall within the defined parameters detailed in this agreement.

Appointment of the Consultant by the Customer:

The Customer appoints the Consultant and authorises the Consultant to provide and or arrange the following:

- Act as a tendering agent for the Customer and invite tenders in respect to the above contract. It has not appointed the Consultant for the purpose of bid shopping, price seeking or any other benchmarking activity.
- Obtain and coordinate all required Site, Consumption and associated data (interval/meter data, retail agreements) pertaining to the Customer's current energy retailer(s).
- Draft, issue and manage a public sector compliant request for a tender event.
- Evaluate the tenders in accordance with the evaluation criteria and weightings.
- Prepare a tender evaluation report for the Customer's consideration and action.
- Award the tender on merit to a respondent within the defined tender acceptance time period and only where the preferred tender satisfies the requirements of the Consultant's Defined Authorisation Parameters section of this agreement.

- Instruct the successful respondent to issue energy supply agreement documentation to the Customer for execution within the validity period determined by the tender process for the management of this aspect.
- Provide ongoing contract support during the contract duration.

Customer's Responsibilities:

- The Customer acknowledges that energy category tender events are conducted on firm committed energy volumes.
- The Customer is acting with a firm and binding intention to execute energy supply contract documents to be provided by the Consultant post the tender event with the successful respondent should the Consultant accept a tender.
- The Customer accepts that this binding commitment for electricity provision will be for a long term duration, envisaged to be between seven (7) and twelve (12) years, consistent with energy industry Power Purchase Agreements.
- The Customer is to pay the Consultant a Participation Fee of \$20,000.00 plus GST within 7 days of execution of this agreement. In so doing, the Customer understands and acknowledges the payment of these monies are for provision of professional services provided by the Consultant and the Consultant's specialist advisor(s) and that payment will confirm their participation.
- The Customer acknowledges and understands that the Participation Fee is refundable only in the circumstance where the project does not proceed to tender release.
- The Customer to maintain commercial in confidence status of all documentation and intellectual property provided to them by the Consultant and agree not to disclose these to any party external to its staff.
- The Customer to acknowledge and agree that intellectual property developed through this process vests with the Consultant and will not be used by the Customer at any time without the written consent of the Consultant.
- The Customer acknowledges and agrees that energy is a volatile commodity, open to fluctuation in market pricing across longer periods of time and may not provide the estimated financial benefits across the term of the contract.

Consultant's Responsibilities:

- The Consultant to act for and on behalf of the Customer and in compliance with the requirements detailed in the Consultant's Defined Authorisation Parameters section of this agreement.
- The Consultant to provide the services detailed in Appointment of the Consultant section of this agreement.
- The Consultant to determine and issue a project timetable and manage the project to that timetable.
- The Consultant to convene and operate a Customer represented Tender Reference Group.
- The Consultant to engage, manage and hold financial responsibility for a reputable and experienced specialist energy consulting firm to assist in the broad process and provide specialist energy advice to the Consultant.
- The Consultant to hold & maintain Professional Indemnity insurance with a reputable insurance company.

Consultant's Defined Authorisation Parameters:

The Consultant is only authorised to award a tender under the following conditions:

1. Where the respondent participated in the request for tender event; and
2. Where, the Consultant acting reasonably and diligently, assesses the market response from the tender to be sufficient in response quantum; and
3. Where, the Consultant acting reasonably and diligently, assesses the market response from the tender to provide sufficient competitive tension; and
4. Where the financial assessment of the preferred tender falls within the following parameters:
 - a) The power price for the preferred respondent of the NSW Renewable PPA must be no higher than the Ceiling Price, which is the median fully wrapped retail average price for a 7-year period starting 1st January 2022 with 100% Voluntary LGCs (i.e. 120%):
 - \$69.70/MWh for Large Sites
 - \$85.35/MWh for Public Lighting

- b) In instances where the preferred tenderer provides a PPA solution that is proposed to commence after 1st January 2022, and this is considered to be the preferred tender:

The Consultant will assess the bridging contract energy price against fair value and accept it if deemed to be fair value. The Consultant will cap any bridging period to two (2) years or less.

Where any one or any combination of variances to the above are encountered the Consultant will not have the authority to accept a tender and will reconvene participating Customers and consult them on next step options available.

Customer Determined Energy Category Participation:

The Customer nominates the following energy categories it wishes to participate in this Agreement:

Large Market sites

☐

Contestable Public Lighting sites

☐

Small Market Sites

☐

Solar Feed In and behind the meter requirements

☐


* The Customer agrees it will provide the Consultant a detailed list of electricity sites (by Network Meter Identifier number) it wishes to participate in this tender and resultant contract and that this list will form the sites to be participating in the tender and resultant contract.

The Customer will also provide the Consultant a separate letter of authority to enable access to interval meter data to support the tender.

EXECUTED BY THE PARTIES AS AN AGREEMENT

Procurement Australasia Ltd	
Signed by: Procurement Australasia Ltd	Signed by:
Signature	Signature
Joe Arena Chief Executive Officer	Name:
	Position: (General Manager/CEO)
Date:	Date:

QUEANBEYAN-PALERANG REGIONAL COUNCIL

Council Meeting Attachment

23 JUNE 2021

ITEM 9.5 RENEWABLE ENERGY PURCHASE POWER AGREEMENT

ATTACHMENT 3 RENEWABLE ENERGY PPA INDICATIVE BUSINESS CASE-
NSW



Power Purchase Agreement

Indicative Business Case New South Wales



25 March 2021

Confidential – do not distribute

Document Set ID: 1209839
Version: 1, Version Date: 19/04/2021

NSW PPA Indicative Business Case



Executive Summary

Procurement Australia has received expressions of interest from Local Government Authorities in NSW to facilitate the exploration of establishing a long-term renewable Power Purchase Agreement (PPA). This report progresses the initiative by undertaking an Indicative Business Case of the proposition, which is the second stage of our 10-stage proven process:

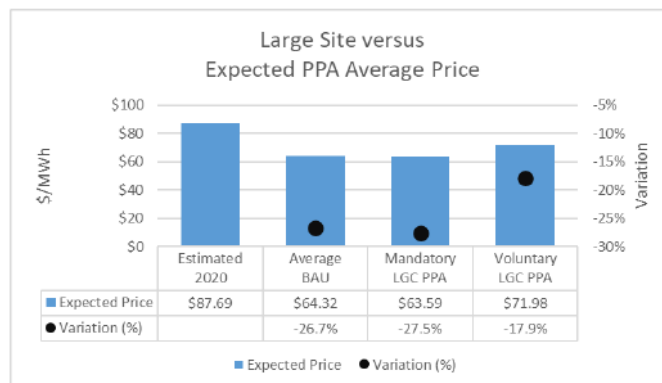
Non-binding agreement	Indicative Business Case	Impact Statement	Binding Commitment	Set-up Tender Reference Group	Market Engagement	Evaluation and Report Back	Go / No Go	Execution	Go Live
-----------------------	--------------------------	------------------	--------------------	-------------------------------	-------------------	----------------------------	------------	-----------	---------

The participating PPA member portfolio consists of eighteen (18) members, consuming about 250GWh for the Large Sites and Public Lighting sites. A further 50GWh of Small Site consumption could also be included.

The findings from this Indicative Business Case are:

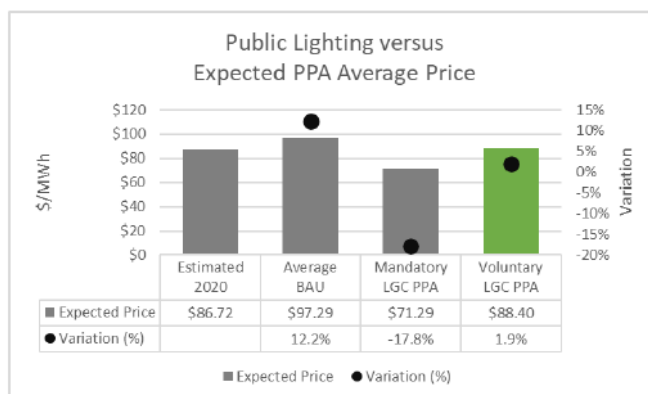
1. The future price of power and Large Generation Certificates is problematic to forecast, and therefore this study adopted a probabilistic approach to provide a better insight into the possible range of outcomes
2. The market is facing structural changes caused by the retirement of large coal-fired base load plant, and the continual growth of large-scale renewable generation, plus roof-top solar generation. These changes are affecting the intraday prices leading to daytime prices softening, and night-time price rising. Consequently, Large Sites are expected to be the beneficiary of lower prices, and Public Lighting will be facing higher rates than sites dominated by daytime usage such as Large Sites
3. Based on our probabilistic assessment, it is our conclusion that the proposition of exploring a long-term renewable Power Purchase Agreement that does not expose the Councils to the vagaries of a 5-minute wholesale spot price, has merit. Procurement Australia has a track record in delivering this type of product to Local Councils
4. Our analysis indicates for **Large Sites**, when comparing the estimated 2020 contestable pricing levels to the expected contestable average prices over the next 11 years, future prices are expected to be lower due to the softening of daytime prices, where:
 - a) the Business-as-Usual (BAU) average price is expected to soften by almost 27%
 - b) using a long term renewable PPA to purchase power and:
 - Mandatory LGCs only, the average price is expected to be marginally lower than the BAU, and about 28% lower than the estimated 2020 levels
 - Voluntary 100% LGCs, the average price is also expected to be 18% lower than the estimated 2020 price levels, but more than the BAU price. However, given the Voluntary 100% LGC expected price is less

than the estimated 2020 price level, this will create the opportunity for Members to reduce the Large Site cost from 2020 levels and move to supporting 100% renewable



5. Following the same analysis for **Public Lighting** sites, the findings are:

- a) the average BAU price is expected to increase by 12% from the estimated 2020 price due to night-time prices rising
- b) using a long term renewable PPA for the purchase of power and:
 - Mandatory LGCs only, the PPA is expected to deliver 18% cost reduction from 2020 levels and avoid the costs expected in the BAU case
 - Voluntary 100% LGCs, the average price is expected to be 2% higher than 2020 levels, but includes 100% renewable



Conclusion

It is recommended to continue to pursue our 10-stage renewable PPA process and invite those participating members to commission an Impact Statement which will customise the cost estimates for each organisation beginning with 2020 price levels, through to 2032. This assessment will provide an annual cost impact for each site and cost element pertaining to each large site.

With the Impact Statement, each organisation will be able to make a considered decision as to whether to make a binding commitment to the program, which will then lead to:

1. the formation of a Panel of Members to steer the market engagement process
2. participating members in the decision-making process setting a Price Marker (upper wholesale flat price limit \$/MWh) as part of the delegated authority to Procurement Australia to enter an energy contract. This step will ensure only offers below the Price Marker are considered by Procurement Australia. All other offers will be presented to the participating members for consideration and buy-in.

Procurement Australia with SavvyPlus Consulting are resolute in their determination to provide members/clients with solutions that will meet their needs and expectations and encourage members to participate in this PPA. Should all members agree to the binding commitment process, Procurement Australia will proceed to market.

* * * * *

Table of Contents

CONTENTS

1	Introduction	1
1.1	Background.....	1
1.2	Non-Binding Members	2
1.3	Scope of Analysis	2
2	Portfolio	3
2.1	Monthly Energy Profile	3
2.2	Intraday Profile.....	4
3	Market Intelligence.....	5
3.1	Projects Associated with Corporate Power Purchase Agreements.....	5
3.2	Corporate Entities Associated with Power Purchase Agreements.....	7
4	Market Conditions	8
4.1	Power Spot Prices	8
4.2	Power Forward Prices.....	9
4.3	LGC Prices	10
5	Structure of the Power Purchase Agreement	11
5.1	Roles of Parties	11
5.2	Scope of the PPA	11
5.3	Types of PPAs	12
5.4	Contractual Relationship	12
6	Price Outlook	13
6.1	Forecast Assumptions	13
6.1.1	NEM Wide Assumptions	13
6.1.2	NSW Closures	14
6.1.3	NSW New Generation Forecast.....	14
6.2	Spot Price Forecast	16
6.3	Forward Price Forecast.....	18
6.4	LGC Price Forecast	18
7	Business-as-Usual Price Outlook.....	19
7.1	Load Shape Premiums	19
7.2	BAU Average Price Outlooks	21
8	PPA Expected Prices	22
8.1	Market Intelligence.....	22
8.2	Assumed PPA Run-of-Plant Prices	23
8.3	Assumed Retail PPA Prices	23
9	Estimated 2020 Costs and PPA Cost Comparison.....	24

Confidential – do not distribute

March 2021

iv of vi

9.1	Likely Average Wholesale Cost.....	24
9.2	Estimated 2020 Average Price.....	24
9.3	Large Sites Cost Impact.....	25
9.3.1	Mandatory LGC	25
9.3.2	Voluntary 100% LGC	25
9.4	Public Lighting Cost Impact.....	25
9.4.1	Mandatory LGC	25
9.4.2	Voluntary 100% LGC	26
10	Financial Comparison.....	27
10.1	Large Sites Cost Comparison - Mandatory LGCs Only	27
10.2	Large Sites Cost Comparison – 100% Voluntary LGCs	28
10.3	Public Lighting Cost Comparison – Mandatory LGCs Only	29
10.4	Public Lighting Cost Comparison – 100% Voluntary LGCs	30
11	Conclusion	31
	Table 1: List of Corporate Entities Participating in PPAs	7
	Table 2: Forward Wholesale Power Prices.....	10
	Table 3: NSW Power Station Expected Closure Dates.....	14
	Table 4: New Generation Projects by Technology.....	15
	Table 5: Assumed Forward Price	18
	Table 6: LGC Price Forecast.....	18
	Table 7: Large Sites Load Shape Premium based on 2019 Consumption.....	19
	Table 8: Large Sites Load Shape Premium based on 2020 Consumption.....	20
	Table 9: Public Lighting Load Shape Premium based on 2019 Consumption.....	20
	Table 10: Public Lighting Load Shape Premium based on 2020 Consumption.....	20
	Table 11: Large Sites Business-as-Usual Average Price Outlooks for Mandatory LGCs only	21
	Table 12: Large Sites Business-as-Usual Average Price Outlooks for 100% Voluntary LGCs	21
	Table 13: Public Lighting Business-as-Usual Average Price Outlooks for Mandatory LGCs only.....	21
	Table 14: Public Lighting Business-as-Usual Average Price Outlooks for 100% Voluntary LGCs	21
	Table 15: Assumed PPA Run-of-Plant PPA Wind Farm Prices	23
	Table 16: Assumed Mandatory LGC Retail PPA Prices	23
	Table 17: Assumed 100% Voluntary LGC Retail PPA Prices	23
	Table 18: Estimated Average 2020 Rate (\$/MWh)	24
	Table 19: Large Sites Mandatory LGC Cost Saving	25
	Table 20: Large Sites Voluntary 100% LGC Cost Saving	25
	Table 21: Public Lighting Mandatory LGC Cost Saving	25
	Table 22: Public Lighting Voluntary 100% LGC Cost Saving.....	26
	Table 23: Large Sites Cost Comparison – Mandatory LGCs Only	27
	Table 24: Large Sites Cost Comparison – 100% Voluntary LGCs.....	28
	Table 25: Public Lighting Cost Comparison - Mandatory LGCs Only.....	29
	Table 26: Public Lighting Cost Comparison – 100% Voluntary LGCs.....	30
	Figure 1: Energy Procurement Models adopted by PA.....	1
	Figure 2: 2020 Large Sites Monthly Energy and Annual Half Hourly Profile	3

Figure 3: 2019 Large Sites Monthly Energy and Annual Half Hourly Profile	4
Figure 4: Large Sites Intraday Demand Profile (kWh)	4
Figure 5: Public Lighting Sites Intraday Demand Profile (kWh)	4
Figure 6: Technology and Type of Projects Associated with Corporate PPAs	5
Figure 7: Corporate PPAs by Technology	6
Figure 8: Corporate PPAs by State	6
Figure 9: NSW Spot Prices Cal-2000 – Aug-2020	8
Figure 10: NSW Q1 Average Spot Prices	8
Figure 11: NSW Normalised Prices (2020 vs 2017) for January to March	9
Figure 12: Power Forward Prices	9
Figure 13: LGC Forward Market Prices Journey	10
Figure 14: Latest LGC Prices	10
Figure 15: Organisational Roles	11
Figure 16: Scope of PPA	11
Figure 17: NSW Power Station Retirements	14
Figure 18: NSW New Generation Forecast	15
Figure 19: New Generation Capacity considered for NSW Spot Price Forecast	15
Figure 20: Spot Price Forecast	16
Figure 21: Public Lighting Average Spot Prices for 2020	17
Figure 22: Intraday Median Spot Price Forecasts	18
Figure 23: Publicly Disclosed Run-of-Plant PPA Prices	22
Figure 24: Wholesale Forward Price 2020 (\$/MWh)	24

1 INTRODUCTION

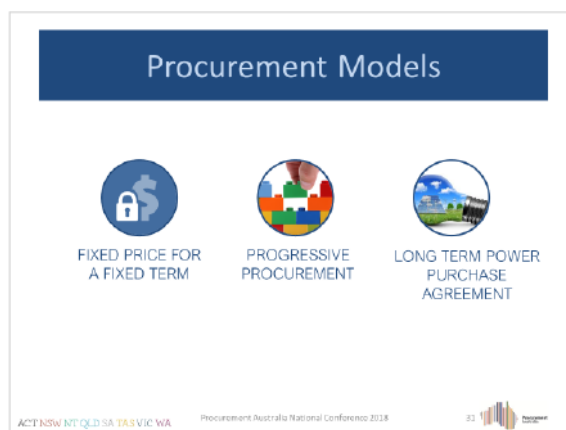
The role of renewable generation in the National Electricity Market continues to grow as the transition from fossil fuel to renewable sources continues. The cost of renewables continues to fall and the demand from end-use consumers for a cleaner source of power generation also continues to grow. These trends are also reflected in PA Members leading to an expression of interest from some Procurement Australia Members to facilitate the establishment of a New South Wales Power Purchase Agreement (PPA).

To assist in the development of a NSW PPA, SavvyPlus Consulting was commissioned by Procurement Australia (PA) to undertake an Indicative Business Case which is outlined in this document structured in the following sections:

1.1 BACKGROUND

Over the last 3-years, Procurement Australia (PA) has been broadening the energy procurement solutions to Members as represented in Figure 1 below:

Figure 1: Energy Procurement Models adopted by PA



The fixed price tenders remain the largest component of the portfolio, however the recent alternatives of Progressive Procurement and now Power Purchase Agreements have been increasing in popularity as procurement options.

Effective from 1 July 2020, a Power Purchase Agreement has been set in place facilitated by Procurement Australia for 13 Victorian councils and one State Government Authority. The agreement was developed with Alinta Energy using the Bald Hills Wind Farm in Gippsland as the supplier of large-scale generation certificates (LGCs).

Alinta Energy was awarded the PPA following a State Government Compliant competitive and open tender.

Under the agreement with each individual member, the number of voluntary LGCs was matched to the specific requirements of each signatory. The term of the agreements is for 10-years.

The following is an extract of the press announcement dated 4 June 2020.

Spokespeople from both Alinta Energy and Procurement Australia said they were excited and proud of the agreement.

"I'm really pleased that we've been able to cater to the needs of these organisations through these PPAs, following what I hope has been a smooth process for them," said Brent Graham, Alinta Energy's General Manager Commercial and Industrial.

"One of the benefits of these 10-year PPAs is the certainty it will provide those organisations and their constituents, which is important given the volatility we've seen in energy markets over the last decade," he explained.

This PPAs builds on the National GreenPower Accreditation Program which provides assurance for electricity customers that their voluntary commitments are matched with renewable energy that is added to the grid on their behalf.

Joe Arena, CEO of Procurement Australasia, said "As an organisation, we are excited by this significant milestone that will support our members for an entire decade. We are now in the process of establishing two more Renewable Energy Power Purchase Agreements, including one in Western Australia.

1.2 NON-BINDING MEMBERS

There are eighteen (18) members considering taking part in the NSW PPA, consuming about 250GWh for the Large Sites and Public Lighting sites. A further 50GWh of Small Site consumption could also be included.

1.3 SCOPE OF ANALYSIS

This report is an Indicative Business Case and each of the potential Members may have a different starting time and desirable term. To accommodate this variation in interests, this analysis has commenced from 1 January 2022 and end 31 December 2032, thereby spanning 11-years. However, by the time a market engagement is resolved, following consultation with the Members a standard end date is expected to be set while the commencement date may vary depending upon previous commitments.

Given this analysis extends beyond 31 December 2030, the Renewable Energy Target would have expired and no further benefits from a scheme like the Large Generation Certificates has been assumed. Consequently, there may be further carbon credit benefits in the last 2 years of this analysis.

2 PORTFOLIO

This section outlines further analysis of the consumption profile of the Large Sites and Public Lighting. Each Member was requested to provide historical consumption data for 2019 and 2020, given the impacts of COVID-19 on 2020 consumption levels.

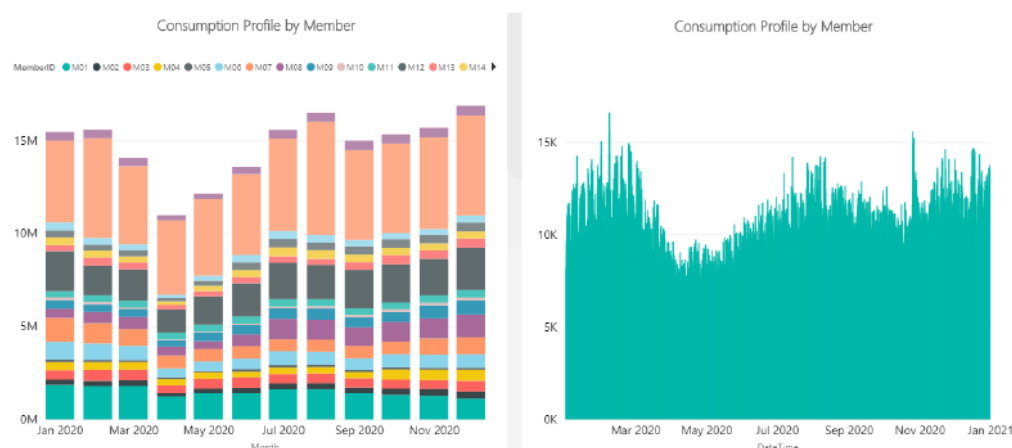
However, not every Member provided all the requested data, or if authority was provided to obtain the data, the data was not available at the time of preparing this report.

To de-identify each Member of the consortium, each Member has been identified as a number to demonstrate the load profile for 2019 and 2020.

2.1 MONTHLY ENERGY PROFILE

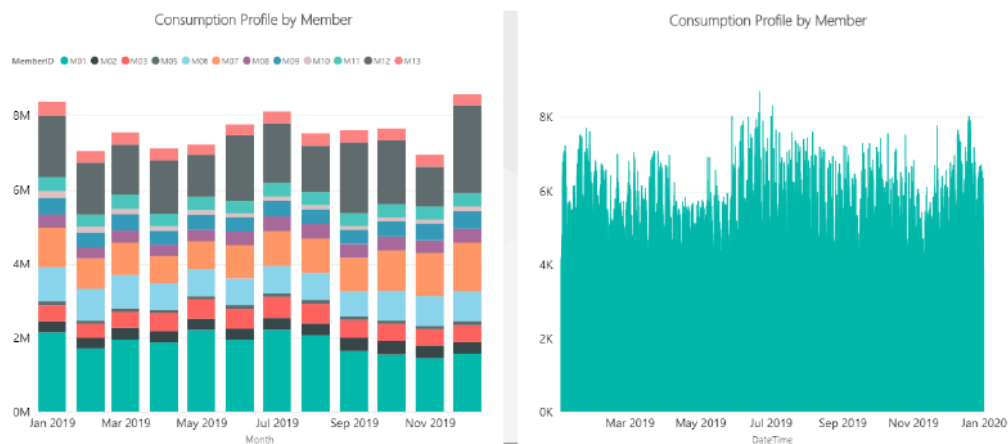
In total the seasonal and half hourly consumption profiles are shown below for 2020 and 2019. All 18 organisations had a complete set of data for Large Sites in 2020. There was a noticeable dip in consumption starting in March 2020 through to August 2020.

Figure 2: 2020 Large Sites Monthly Energy and Annual Half Hourly Profile



For 2019, there were 12 organisations that the data was available for Large Sites, and it can be noticed the winter peak month is July, whereas in 2020, the peak month was August, reflecting the pandemic was affecting 2020 consumption right through to August 2020.

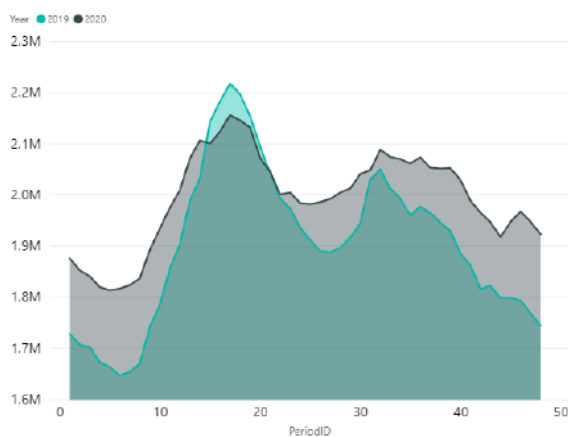
Figure 3: 2019 Large Sites Monthly Energy and Annual Half Hourly Profile



2.2 INTRADAY PROFILE

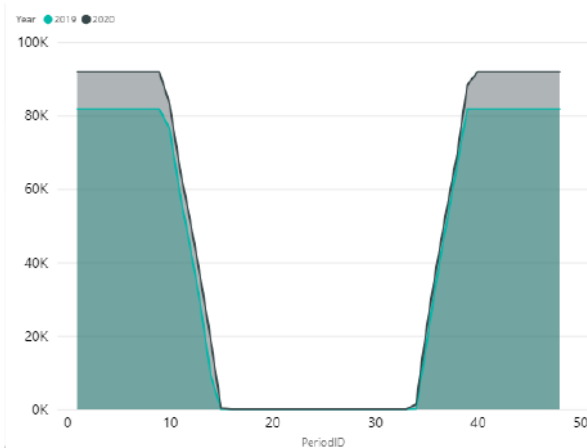
The intraday profiles for 2019 versus 2020 differs where the 2020 profile was flatter than the 2019 profile, and therefore the 2020 profile is likely to be more expensive.

Figure 4: Large Sites Intraday Demand Profile (kWh)



The public lighting profiles are the same for the two years, which is not surprising. It is simply a case of scale differing, rather than shape.

Figure 5: Public Lighting Sites Intraday Demand Profile (kWh)



3 MARKET INTELLIGENCE

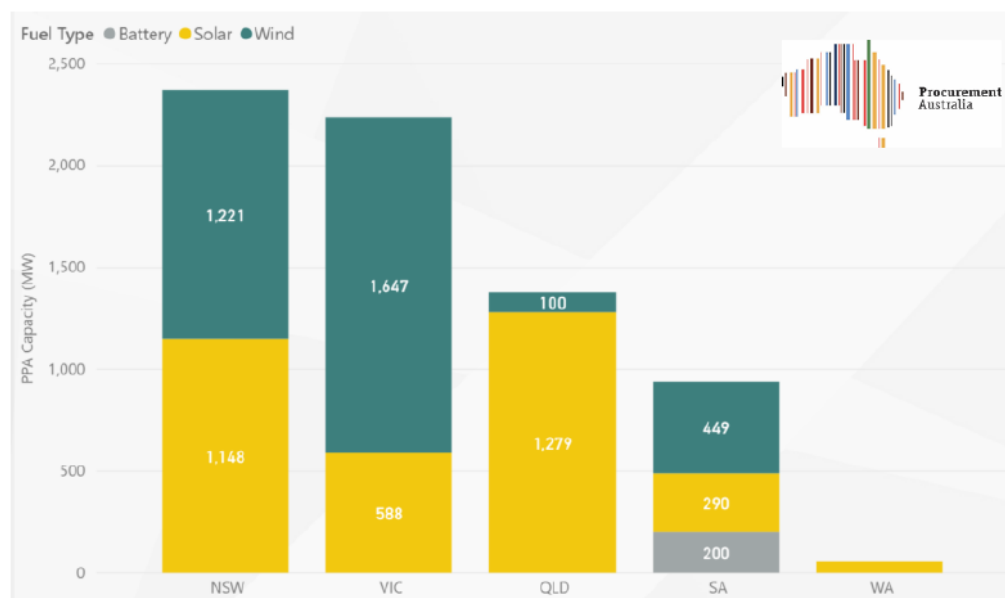
This section of the report encapsulates market intelligence of the PPA market discussing:

- the quantum of renewable projects associated with PPAs
- a listing of known organisations that have entered a PPA

3.1 PROJECTS ASSOCIATED WITH CORPORATE POWER PURCHASE AGREEMENTS

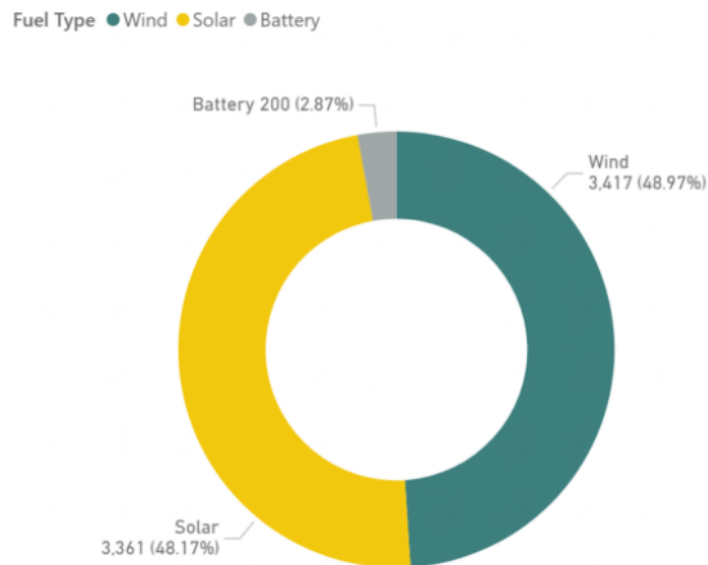
The projects associated with PPAs vary across all mainland regions of the National Electricity Market. The chart below shows about 6,980MW of capacity from projects are participating in Corporate PPAs across Australia. For the purpose, these statistics in this section, State Governments and agencies are included.

Figure 6: Technology and Type of Projects Associated with Corporate PPAs



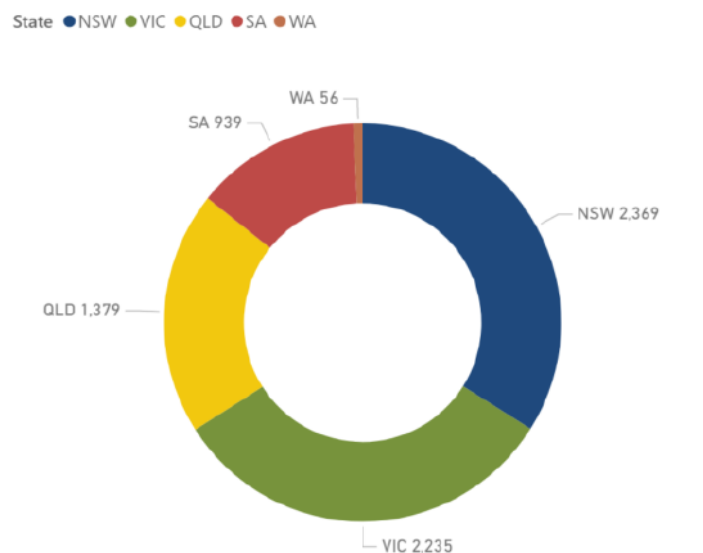
Battery Storage projects represent just under 3% of the projects, while Wind and Solar Farms share an almost equal portion of the remaining contracted capacity.

Figure 7: Corporate PPAs by Technology



Projects located in NSW represented 34% of the capacity and closely followed by VIC with 32%, Queensland 20%, South Australia 13.5% and Western Australia is 1%.

Figure 8: Corporate PPAs by State



3.2 CORPORATE ENTITIES ASSOCIATED WITH POWER PURCHASE AGREEMENTS

The type of Corporate entities participating in PPAs represent a cross-section of organisations including local Government, education institutions, service organisations, and manufacturing. The list below excludes those members of the previous PA facilitated by PPA.

Table 1: List of Corporate Entities Participating in PPAs

Organisation Name	Local Governments
AB InBev/CUB	City of Yarra
Adelaide Brighton	City of Port Phillip
Aldi	City of Sydney
Amazon	Hawkesbury City Council
ANCA CNC Machines	Melbourne City Council
Australia Post	Moreland City Council
Berri Barmera Council/Accolade Wines	Southern Sydney Region of Councils
Blue Scope	Sunshine Coast Council
CityWide	Sydney Metro Northwest
Coca Cola Amatil	Universities
Coles	RMIT
Dexus	Macquarie University
GFC Alliance (Laverton Steel Works)	Monash University
Grassroots Renewable Energy	Monash University
Independence Group NL	Swinburne University
Kellogg's	University of Melbourne
Kleenheat	University of NSW
Lion, AHA	University of Queensland
L'Oreal	University of Technology Sydney
Mars	Financial Institutions
Molycop	Commonwealth Bank
Melbourne Convention and Exhibition Centre	ANZ
Melbourne Renewable Energy Project	Bank Australia
NEXTDC	National Australia Bank
Olam Orchards, ANCA, Idyll Wine Co.	State/Territory Governments
Orora	ACT Government
RACV	NSW Government
RES Australia	Victorian Government
SACOME (Including supply to Whyalla)	SA Government
Shell QGC	QLD Government (CleanCo)
Sun Metals	
Sydney Metro Northwest	
Sydney Opera House	
Telstra	
Transurban	
Visy	
Zoos Victoria	

4 MARKET CONDITIONS

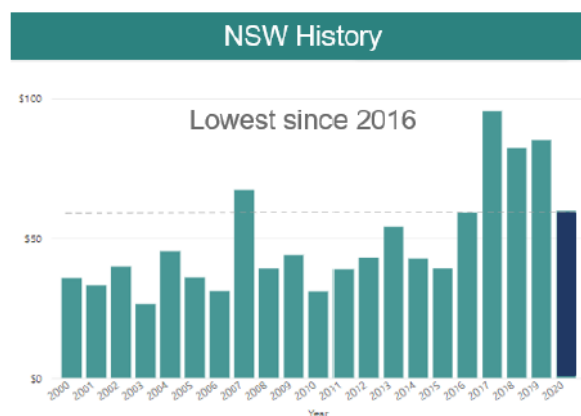
This section of the report outlines:

1. NSW historical spot prices
2. NSW power forward prices
3. LGC forward prices for the next 3 calendar years

4.1 POWER SPOT PRICES

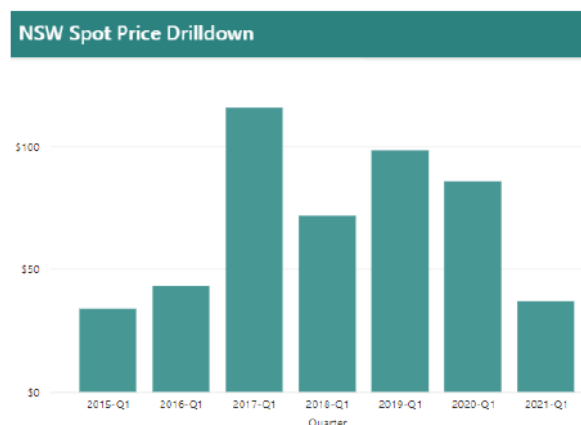
As evident in Figure 9, the NSW average spot price for 2020 was the lowest in 6-years, prior to the rally that commenced mid-2016.

Figure 9: NSW Spot Prices Cal-2000 – Aug-2020



Looking at the Q1 prices, Q1-21 is the lowest average price so far, for the same period since 2015.

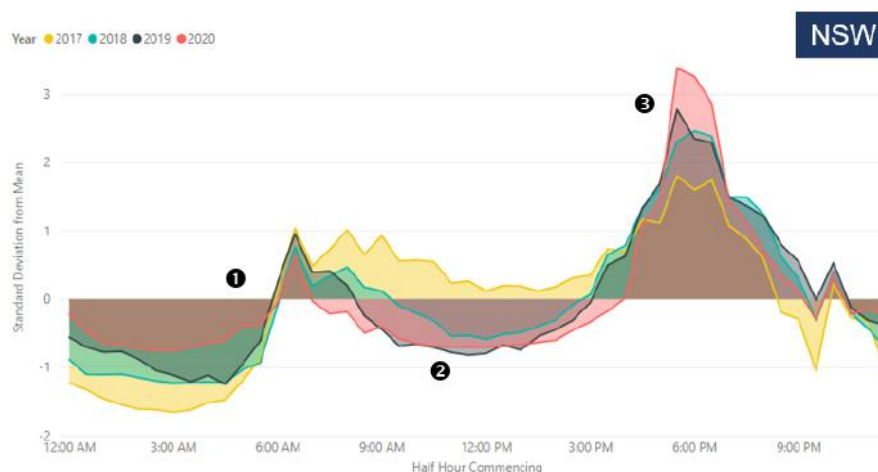
Figure 10: NSW Q1 Average Spot Prices



Looking at intra-day profile of spot prices over the last 4-years, there are key changes that have occurred. Figure 11 shows the normalised prices for 2017 to 2020, where the mean price has been derived for each half-hour, and then the number of standard deviations from the mean for each half hour during the day is measured. Relative to the mean price for each year, the findings are:

1. Overnight prices have increased
2. Daytime prices have decreased
3. Evening peak prices have increased

Figure 11: NSW Normalised Prices (2020 vs 2017) for January to March



This phenomenon is caused by solar farms and Solar PV, which is impacting the intraday prices.

4.2 POWER FORWARD PRICES

The NSW wholesale forward market has been declining, and during 2021, the fall in prices has become very pronounced; although in the last few weeks, Cal23 has bounced and beginning to rise.

Figure 12: Power Forward Prices



At the time of compiling this report, the latest prices are:

Table 2: Forward Wholesale Power Prices

Period	Price (\$/MWh)
Cal-22	\$48.00
Cal-23	\$51.00
Cal-24	\$51.30

4.3 LGC PRICES

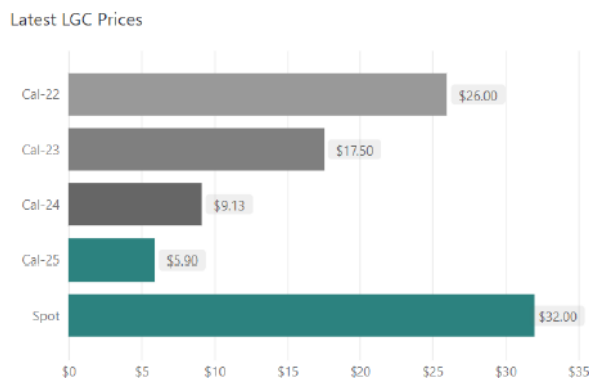
Since January 2002, the spot LGC prices have been moving around and are currently lower than when levels at the start of this period. All the forward years have tended to show a rising LGC price, although lower than the spot market reflecting the additional supply of certificates coming online through additional renewable generation.

Figure 13: LGC Forward Market Prices Journey



The latest LGC prices are shown below for each of the next 4 calendar years.

Figure 14: Latest LGC Prices



5 STRUCTURE OF THE POWER PURCHASE AGREEMENT

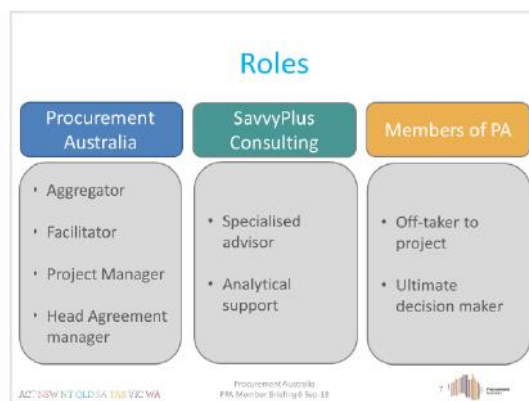
This section of the report outlines the:

- Role of the parties
- Scope of the PPA
- Types of PPA
- Contractual relationship

5.1 ROLES OF PARTIES

The Organisational Roles of the parties are where PA will facilitate the PPA with assistance from SavvyPlus Consulting, while the members are the off-taker of the project.

Figure 15: Organisational Roles



5.2 SCOPE OF THE PPA

The scope of the PPA is a grid connected project rather than a behind-the-meter solution.

Figure 16: Scope of PPA



5.3 TYPES OF PPAs

There are many different forms of PPAs. Our preferred structure is the same as successfully executed in the previous PPA facilitated by PA, which is a fixed price Bundled PPA with a nominated number of LGCs from a registered renewable power generator located in New South Wales. It is termed Bundled because the power and LGC price are combined into the package. The benefits of this structure are:

1. A licensed retailer will be the counterparty to each Member, who in-turn may have a contract with a renewable generator owner so each Member will not be required to establish an agreement with a renewable generator
2. The contract form shall be a long-term Supply Agreement and therefore is a contract form that is familiar to Members, although the Agreement may have a few extra Special Conditions to deal with additional issues
3. The Supply Agreement will likely have roll-in provisions and roll-out (for site closures only), and annual load flex arrangements
4. Each member may nominate their preferred number of voluntary LGCs, in order to meet their sustainability targets
5. The Members are not exposed to the vagaries of the half-hour spot price, nor the fluctuations of an intermittent renewable generation
6. The solution is not a financial instrument such as a derivative, which is typically not allowed for many organisations

5.4 CONTRACTUAL RELATIONSHIP

The contractual relationships will exist between the selected licensed retailer and:

1. Each PPA Member
2. Procurement Australia

The agreement between Procurement Australia and the selected retailer will centrally manage the portfolio:

- a) to extract the diversification benefit of some sites increasing consumption, while others decreasing
- b) manage roll-in and roll-out provisions

6 PRICE OUTLOOK

To construct the Business-as-Usual cost outlook and the PPA Cost Outlook; the building blocks of spot price forecast, forward price forecast and LGC price forecast are required. Each of these are discussed in the following sections.

6.1 FORECAST ASSUMPTIONS

The assumptions for our spot forecast modelling are derived from several sources. The primary sources include:

- Integrated System Plan (ISP), AEMO
- NEM Generation Information, AEMO
- Electricity Statement of Opportunities (ESOO), AEMO
- Large-scale Renewable Energy Target supply data, Clean Energy Regulator
- Underwriting New Generation Investments program, Australian Government
- NSW Emerging Energy Program, NSW Government
- QLD Electricity Generation Map, QLD Department of Resources

In addition to these sources, information on market developments is sourced directly for market participants, public announcements, and other market data sources.

6.1.1 NEM WIDE ASSUMPTIONS

Most of the inputs are drawn from the Integrated System Plan (ISP) prepared by AEMO, using the Central Scenario. The most significant assumptions are:

1. Snowy 2.0 hydro pump-storage arriving from late 2024 and the associated interconnector development.
2. The proposed interconnector between SA and NSW (EnergyConnect) proceeds mid-2023, but the proposed Marinus Link between Victoria and Tasmania does not proceed.
3. Liddell Power Station in NSW will begin closing in 2032 as planned by AGL.
4. Yallourn Power Station in VIC closes in 2028 as announced by EnergyAustralia.
5. NSW Power Stations closures as stated in the following section and other NEM closures according to ISP assumptions.
6. Large smelters of Tomago in New South Wales, Portland in Victoria and Bell Bay in Tasmania continue to operate, while the Boyne Smelter closes in 2035.
7. The growth of solar PV and residential batteries is as per the Final ISP 2020
8. Demand growth rates are as per the Final ISP 2020.
9. Large utility scale batteries are assumed to be taken up at a faster rate than the Final ISP 2020, in line with current projects and public announcements.

6.1.2 NSW CLOSURES

Notable closures in NSW included in the forecast period include:

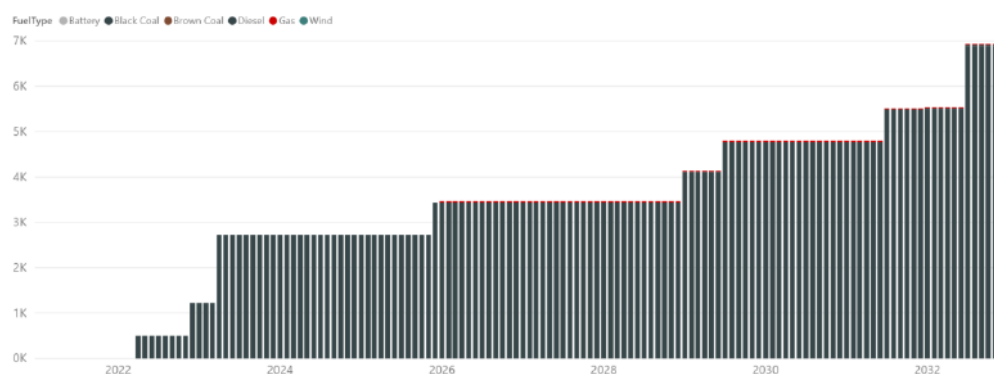
Table 3: NSW Power Station Expected Closure Dates

Power Station	Closure Date	Fuel Type	Capacity (MW)
Liddell Unit 4	Apr-2022	Black Coal	502
Eraring Unit 3	Dec-2022	Black Coal	721
Liddell Unit 1	Apr-2023	Black Coal	492
Liddell Unit 2	Apr-2023	Black Coal	510
Liddell Unit 3	Apr-2023	Black Coal	499
Eraring Unit 4	Dec-2025	Black Coal	719
Broken Hill GT	2026	Gas	27
Vales Point B Unit 6	Jan-2029	Black Coal	665
Vales Point B Unit 5	Jul-2029	Black Coal	662
Eraring Unit 1	Jul-2031	Black Coal	719
Eraring GT	Jul-2032	Gas	30
Eraring Unit 2	Jul-2032	Black Coal	720
Bayswater Unit 3	Jul-2032	Black Coal	673

Our forecast assumes the staged closure of the Bayswater Power Station, beginning with Unit 3 closing in 2032, with the following unit closures falling outside our forecast period.

Figure 17 below shows the retirement of NSW power stations over time, the biggest loss being the coming closure of Liddell Power Station in 2022-23.

Figure 17: NSW Power Station Retirements



6.1.3 NSW NEW GENERATION FORECAST

The total number of new generation projects announced number 130. These projects are sourced from a variety of lists including AEMO, the Clean Energy Regulator, the NSW State Government, the Federal Governments Underwriting New Generation Investments program as well as other industry sources.

Sixty-two of these projects are solar farms which account for 52% of the total 22.5GW of proposed new capacity.

Table 4: New Generation Projects by Technology

Fuel Type	Project Count	Capacity (MW)
Biomass	7	137
Hydro	7	3,959
Solar	69	11,099
Storage	28	1,598
Wind	19	5,766
Total	130	22,558

Committed projects account for just under a third of projects in the NSW renewables pipeline, accounting for 6.3GW of capacity which has reached financial closure or already under construction.

Figure 18: NSW New Generation Forecast

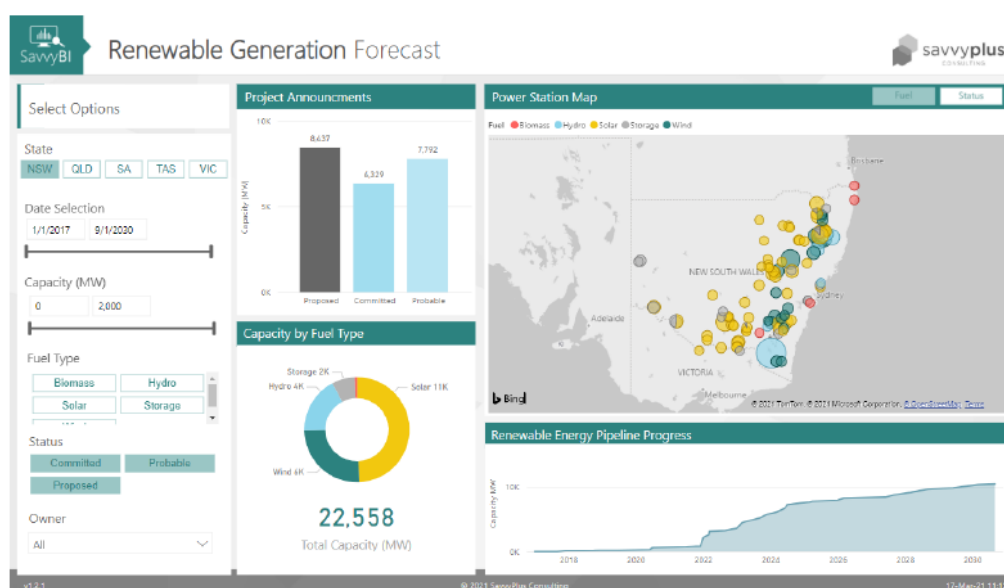
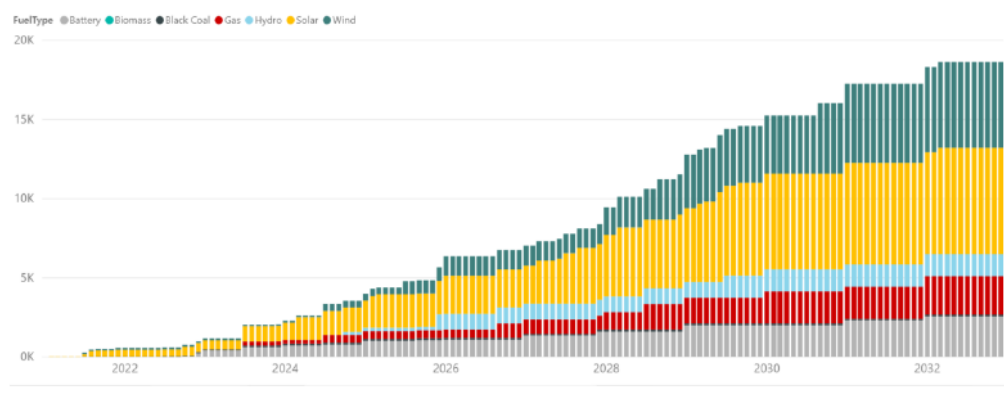


Figure 23 below shows the schedule for the commissioning of new generation capacity by technology for NSW during the forecast period.

Figure 19: New Generation Capacity considered for NSW Spot Price Forecast



Confidential – do not distribute

March 2021

15 of 31

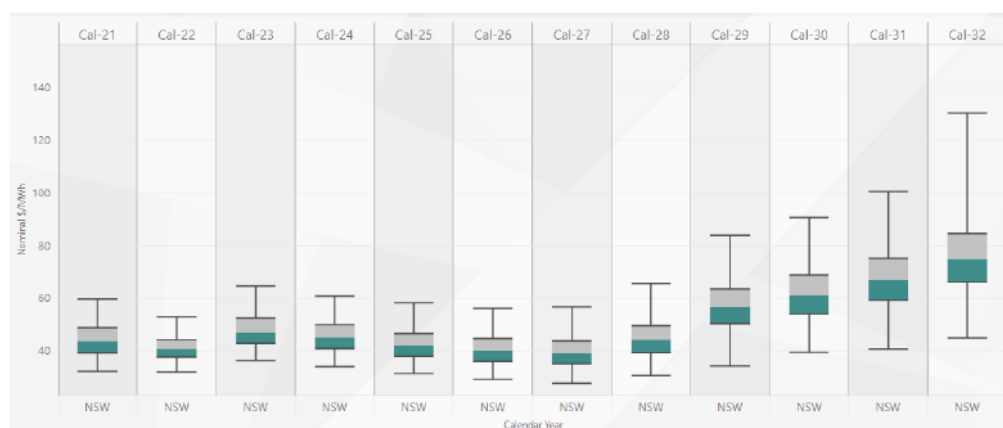
6.2 SPOT PRICE FORECAST

The spot price forecast has been prepared using Empower Analytics' probabilistic spot price forecasting model where Empower Analytics is a Related Party to SavvyPlus Consulting (PA's Energy Category Manager). Empower Analytics is also an Authorised Representative of an Australian Financial Services Licensee to provide financial advice on electricity derivatives and environmental certificates.

The forecasting model is based on the premise that the future is uncertain, and so therefore any price forecast needs to be probabilistic to reflect the uncertainties. Our spot forecasts are represented as a distribution and we use box-and-whisker plots as shown below, where the:

- a) box represents 50% of the simulations between the 25th and 75th percentile
- b) change of colour from green to grey in the box marks the median (50th percentile)
- c) top and bottom whiskers represent the top and bottom quartile of the distributions respectively

Figure 20: Spot Price Forecast



The trend of the spot forecast reflects the changes in the market as explained in the Section 6.1 Forecast Assumptions, with the key changes of the:

- a) full impact of the renewable generation that was onboarded in 2020 and early 2021
- b) impact of committed renewable projects
- c) closure of Liddell Power Station in 2023
- d) assumed replacement assets for Liddell Power Station including a gas-powered generation, batteries and renewables and demand response
- e) closure of the Victorian Yallourn Power Station in mid-2028
- f) the retirements as listed earlier

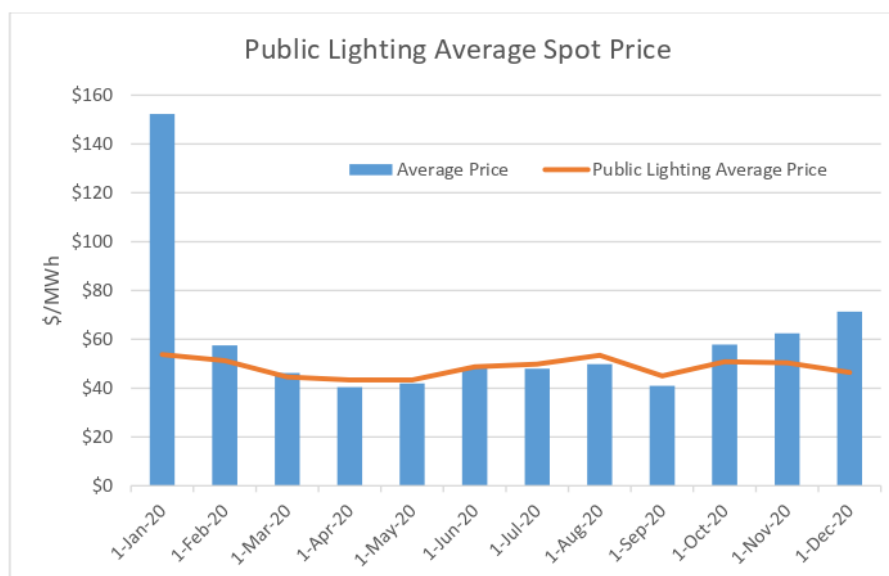
Spot prices are expected to strengthen from 2028 which coincides with the closure of Yallourn Power Station in Vic, Callide B in Queensland; and then shortly followed by Vales Point in NSW.

Not only are average prices expected to increase, but also the volatility given the higher dependence of intermittent generation.

Overnight prices are expected to increase at a faster rate than daytime prices, due to the peak prices being impacted by roof-top solar and solar farms. In fact, it is our prediction that commercial offices will have a lower rate than public lighting within a few years.

When looking at the weighted Public Lighting average spot cost for 2020, for half of the year, the Public Lighting load weighted average price was more than the time weighted average price as shown in Figure 21. The exceptional month was January 2020 when Australia's worst bushfire disrupted energy flows from the Snowy Mountain scheme and damaged terminal station assets. Consequently, high and extreme spot prices occurred.

Figure 21: Public Lighting Average Spot Prices for 2020

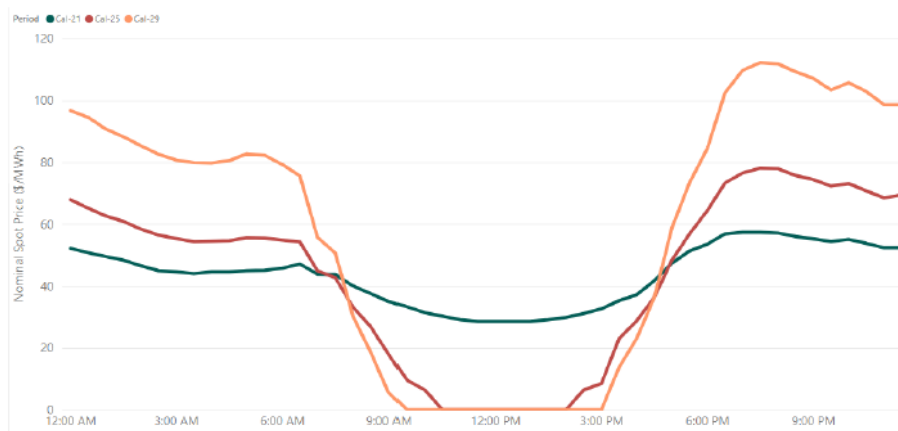


On annual basis the public lighting average weighted spot cost was 19% less than the time weighted average, but by 2022 this is expected to change.

Going forward, daytime prices will soften, and night-time prices will rise as has been the trend as discussed in Section 4.1; leading to the price for commercial building loads decreasing relative to the average price, and Public Lighting increasing.

Figure 22 shows the median prices for each half hour for 2021, 2025 and 2029. It can be seen the 3 trends of softening daytime prices, increased volatility at the 6:00pm peak and stronger night-time prices are a feature.

Figure 22: Intraday Median Spot Price Forecasts



6.3 FORWARD PRICE FORECAST

The assumed forward prices for each year are shown below in Table 5 below and demonstrate that wholesale forward prices is expected to rise throughout the period after reaching a low point in 2022 following the rally in the 2017 to 2020 period. These wholesale forward prices are the basis for all retailers when preparing an offer to a large customer such as the Members in this proposed PPA.

Table 5: Assumed Forward Price

	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32
100%	\$60.24	\$65.81	\$64.85	\$65.96	\$75.78	\$73.17	\$85.01	\$105.48	\$97.90	\$97.40	\$119.74
95%	\$56.09	\$62.15	\$62.12	\$63.20	\$71.65	\$69.23	\$79.30	\$98.58	\$91.23	\$91.35	\$111.96
75%	\$49.72	\$53.11	\$53.72	\$53.41	\$58.17	\$56.77	\$64.54	\$78.59	\$72.41	\$73.88	\$86.87
50%	\$48.27	\$51.15	\$51.22	\$51.11	\$56.57	\$54.72	\$62.65	\$76.52	\$70.10	\$71.29	\$79.06
25%	\$45.98	\$48.70	\$48.79	\$48.50	\$53.24	\$51.34	\$58.80	\$72.27	\$65.74	\$67.31	\$76.41
5%	\$41.76	\$42.71	\$42.21	\$41.56	\$45.56	\$43.50	\$49.41	\$60.69	\$54.25	\$55.34	\$63.03
0%	\$38.36	\$41.14	\$40.21	\$39.47	\$43.56	\$41.29	\$46.94	\$57.80	\$51.39	\$52.55	\$58.34

6.4 LGC PRICE FORECAST

The probabilistic LGC price forecast is shown in Table 6 below and reflects a falling cost until the legislative period ending in 2030 occurs. No LGC or equivalent environmental product was assumed beyond 2030.

Table 6: LGC Price Forecast

	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32
100%	\$46.21	\$34.63	\$31.18	\$27.35	\$22.93	\$18.94	\$17.90	\$17.20	\$18.95	\$0.00	\$0.00
95%	\$40.53	\$32.61	\$29.23	\$23.69	\$19.55	\$16.68	\$15.58	\$14.66	\$16.71	\$0.00	\$0.00
75%	\$30.45	\$24.70	\$19.72	\$14.83	\$12.28	\$11.42	\$10.31	\$9.71	\$10.47	\$0.00	\$0.00
50%	\$25.92	\$18.18	\$10.38	\$9.38	\$9.09	\$8.61	\$7.70	\$7.66	\$7.74	\$0.00	\$0.00
25%	\$22.36	\$14.69	\$6.83	\$6.62	\$6.82	\$6.76	\$5.84	\$6.04	\$5.73	\$0.00	\$0.00
5%	\$19.81	\$11.71	\$5.97	\$5.14	\$5.12	\$5.15	\$4.58	\$4.56	\$4.10	\$0.00	\$0.00
0%	\$18.30	\$9.88	\$5.15	\$4.82	\$4.83	\$4.74	\$4.41	\$4.27	\$3.81	\$0.00	\$0.00

7 BUSINESS-AS-USUAL PRICE OUTLOOK

The next stage in the assessment of the PPA is to develop a Business-as-Usual (BAU) cost outlook, which is then compared to the expected PPA offer developed in the next Section of this report.

This BAU outlook was prepared for:

- a) Mandatory LGC purchased
- b) 100% Voluntary LGC purchased

The notional 100% Voluntary LGC strategy effectively means 100% on top of the mandatory requirements making the purchase equal to circa 120% of the customer load.

The steps to build the BAU average price were:

- a) Use the forward price projections as outlined in Section 4.2
- b) Apply the Load Shape premiums which are outlined below in Section 7.1 below
- c) Add the LGC price (either 20% for Mandatory or 120% for Voluntary)
- d) Add a Retail Margin (3%)

The next section outlines the Load Shape Premiums, and then is followed by the BAU Average Price Outlooks.

7.1 LOAD SHAPE PREMIUMS

The Load Shape Premium is the cost of converting a wholesale 24/7 block of energy to a customer's consumption pattern. A high premium reflects the customer's profile varies significantly from a block of energy at more expensive times of the day.

The Load Shape Premiums have been built from the simulations of each type of site and then the Load Weighted Cost is compared to the Time Weighted Price. This analysis has been undertaken for Large Sites and Public Lighting using 2019 and 2020 consumption patterns.

Table 7: Large Sites Load Shape Premium based on 2019 Consumption

	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32
100%	1.2%	1.3%	0.4%	0.3%	-0.2%	-0.1%	-0.3%	-0.4%	-0.4%	-0.5%	1.1%
95%	0.3%	0.3%	-0.1%	-0.4%	-0.5%	-0.5%	-0.8%	-0.7%	-0.9%	-1.1%	-0.7%
75%	0.0%	0.0%	-0.3%	-0.6%	-0.7%	-0.9%	-1.0%	-1.0%	-1.3%	-1.4%	-1.2%
50%	-0.2%	-0.3%	-0.5%	-0.8%	-0.9%	-1.1%	-1.3%	-1.3%	-1.6%	-1.7%	-1.5%
25%	-0.3%	-0.5%	-0.7%	-1.0%	-1.1%	-1.2%	-1.5%	-1.5%	-1.8%	-1.9%	-1.8%
5%	-0.5%	-0.8%	-1.0%	-1.3%	-1.5%	-1.5%	-1.8%	-1.9%	-2.2%	-2.1%	-2.2%
0%	-0.9%	-1.3%	-1.2%	-1.6%	-1.9%	-2.3%	-2.3%	-2.3%	-2.5%	-2.5%	-2.4%

Table 8: Large Sites Load Shape Premium based on 2020 Consumption

	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32
100%	0.5%	-0.3%	-0.2%	-0.1%	0.0%	-0.3%	-0.2%	0.4%	0.0%	-0.2%	-0.2%
95%	0.2%	-0.6%	-0.4%	-0.4%	-0.5%	-0.7%	-0.6%	-0.7%	-0.5%	-0.8%	-0.6%
75%	-0.1%	-1.0%	-0.6%	-0.7%	-0.9%	-0.9%	-1.1%	-1.0%	-1.0%	-1.2%	-1.1%
50%	-0.3%	-1.3%	-0.9%	-0.9%	-1.1%	-1.2%	-1.3%	-1.3%	-1.3%	-1.4%	-1.3%
25%	-0.5%	-1.6%	-1.1%	-1.1%	-1.3%	-1.4%	-1.6%	-1.5%	-1.6%	-1.7%	-1.8%
5%	-0.9%	-2.3%	-1.4%	-1.5%	-1.8%	-1.8%	-1.9%	-1.9%	-2.0%	-1.9%	-2.8%
0%	-1.2%	-3.0%	-1.7%	-2.0%	-2.4%	-2.3%	-2.2%	-2.3%	-2.8%	-2.6%	-4.3%

The Public Lighting load shape premiums are listed below and as mentioned earlier, traditionally Public Lighting profiles are less than the average price because the consumption is skewed to low price periods. However, due to the change in intraday prices as discussed in Section 6.2, this situation is predicted to change.

Table 9: Public Lighting Load Shape Premium based on 2019 Consumption

	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32
100%	38.4%	42.7%	46.2%	49.7%	54.0%	55.6%	59.4%	65.1%	66.2%	66.6%	67.3%
95%	36.3%	41.7%	43.6%	47.5%	51.4%	53.2%	56.4%	60.3%	61.8%	63.1%	63.8%
75%	34.2%	39.5%	41.6%	45.3%	48.7%	51.0%	54.0%	56.5%	59.1%	60.3%	60.5%
50%	32.5%	38.2%	40.0%	43.4%	46.8%	48.8%	52.2%	54.7%	56.9%	58.5%	58.4%
25%	30.8%	36.6%	38.4%	41.4%	45.1%	46.8%	50.2%	52.9%	54.7%	56.8%	56.2%
5%	28.0%	34.6%	36.0%	38.4%	42.1%	43.5%	47.8%	49.2%	51.3%	53.6%	53.0%
0%	20.4%	32.7%	33.8%	34.9%	39.8%	38.2%	45.7%	46.7%	49.4%	50.8%	50.9%

Table 10: Public Lighting Load Shape Premium based on 2020 Consumption

	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32
100%	38.7%	44.4%	46.1%	49.7%	54.0%	54.7%	58.9%	65.2%	65.6%	66.5%	67.7%
95%	36.5%	42.0%	43.5%	47.3%	51.4%	53.2%	56.8%	60.3%	61.5%	62.8%	63.5%
75%	34.3%	40.3%	41.7%	45.1%	49.0%	51.0%	54.3%	56.6%	58.7%	60.2%	60.2%
50%	32.7%	38.7%	40.1%	43.2%	46.9%	48.8%	52.5%	54.9%	56.4%	58.4%	57.9%
25%	31.1%	37.4%	38.4%	41.2%	45.3%	46.9%	50.5%	52.9%	54.5%	56.6%	55.9%
5%	28.2%	35.3%	36.0%	38.5%	42.4%	43.4%	47.8%	49.4%	51.0%	53.2%	52.6%
0%	20.1%	33.2%	33.5%	34.8%	39.8%	38.4%	45.9%	46.2%	49.1%	51.1%	50.2%

7.2 BAU AVERAGE PRICE OUTLOOKS

The BAU Average Price Outlook is shown below for the Large Sites 2020 consumption pattern only, as the differences with the 2019 consumption pattern was only minor.

The first case is for the purchase of mandatory LGC's only, and then the next case is for 100% Voluntary LGCs.:

Table 11: Large Sites Business-as-Usual Average Price Outlooks for Mandatory LGCs only

Mandatory LGC Business-as-Usual												
	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	\$70.98	\$72.99	\$72.26	\$71.92	\$81.62	\$77.91	\$88.92	\$110.41	\$102.44	\$99.15	\$122.02	\$88.24
95%	\$63.50	\$68.45	\$67.11	\$67.20	\$75.33	\$73.15	\$83.33	\$102.10	\$95.55	\$92.99	\$114.09	\$82.07
75%	\$56.94	\$58.80	\$58.48	\$57.42	\$61.76	\$60.09	\$67.93	\$82.07	\$75.96	\$75.20	\$88.52	\$67.56
50%	\$54.96	\$55.68	\$54.65	\$54.24	\$59.42	\$57.46	\$65.38	\$79.55	\$73.01	\$72.57	\$80.57	\$64.32
25%	\$52.04	\$53.08	\$52.14	\$51.62	\$56.14	\$54.14	\$61.58	\$75.34	\$68.67	\$68.52	\$77.86	\$61.01
5%	\$47.84	\$47.18	\$45.86	\$44.42	\$48.23	\$46.11	\$51.74	\$63.04	\$56.58	\$56.34	\$64.23	\$51.96
0%	\$43.25	\$43.95	\$42.26	\$41.54	\$45.63	\$43.23	\$48.74	\$60.03	\$53.19	\$53.49	\$59.45	\$48.61

Table 12: Large Sites Business-as-Usual Average Price Outlooks for 100% Voluntary LGCs

Voluntary LGC Business-as-Usual												
	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	\$118.42	\$107.94	\$104.26	\$99.47	\$105.08	\$97.29	\$106.47	\$127.95	\$121.24	\$99.15	\$122.02	\$109.93
95%	\$101.39	\$95.99	\$91.99	\$85.13	\$88.13	\$84.17	\$93.53	\$112.10	\$105.34	\$92.99	\$114.09	\$96.80
75%	\$88.07	\$84.07	\$77.74	\$72.44	\$74.99	\$72.53	\$79.36	\$93.62	\$88.15	\$75.20	\$88.52	\$81.34
50%	\$81.70	\$74.98	\$67.15	\$64.46	\$68.88	\$66.39	\$73.25	\$87.49	\$80.92	\$72.57	\$80.57	\$74.39
25%	\$75.99	\$69.29	\$60.56	\$59.53	\$64.35	\$62.41	\$69.36	\$83.03	\$76.17	\$68.52	\$77.86	\$69.73
5%	\$70.94	\$61.94	\$53.61	\$52.08	\$55.41	\$53.53	\$58.50	\$70.26	\$63.11	\$56.34	\$64.23	\$60.00
0%	\$62.09	\$54.12	\$47.57	\$46.98	\$50.74	\$48.11	\$53.28	\$64.43	\$57.11	\$53.49	\$59.45	\$54.31

Similarly, Public Lighting average price outlooks and once again using the 2020 consumption profile are:

Table 13: Public Lighting Business-as-Usual Average Price Outlooks for Mandatory LGCs only

Mandatory LGC Business-as-Usual												
	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	\$92.24	\$100.18	\$100.43	\$102.77	\$120.31	\$116.81	\$136.94	\$172.56	\$163.02	\$160.78	\$197.93	\$133.09
95%	\$83.34	\$94.80	\$94.11	\$97.19	\$111.88	\$110.25	\$128.27	\$159.94	\$151.85	\$150.80	\$185.07	\$124.32
75%	\$74.48	\$80.81	\$81.52	\$82.67	\$91.28	\$90.35	\$104.43	\$128.55	\$120.85	\$121.95	\$143.60	\$101.86
50%	\$71.92	\$77.08	\$77.02	\$78.47	\$88.36	\$86.74	\$100.94	\$124.88	\$116.37	\$117.67	\$130.69	\$97.29
25%	\$68.29	\$73.28	\$73.47	\$74.70	\$83.51	\$81.57	\$94.83	\$118.13	\$109.51	\$111.11	\$126.30	\$92.25
5%	\$62.63	\$65.18	\$64.63	\$64.01	\$71.44	\$69.22	\$79.83	\$99.11	\$90.01	\$91.35	\$104.19	\$78.33
0%	\$56.86	\$61.17	\$59.82	\$60.22	\$67.91	\$65.37	\$75.39	\$94.39	\$85.01	\$86.74	\$96.43	\$73.58

Table 14: Public Lighting Business-as-Usual Average Price Outlooks for 100% Voluntary LGCs

Voluntary LGC Business-as-Usual												
	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	\$139.69	\$135.14	\$132.43	\$130.32	\$143.76	\$136.18	\$154.10	\$190.10	\$180.98	\$160.78	\$197.93	\$154.67
95%	\$120.09	\$120.72	\$117.34	\$112.44	\$124.03	\$120.91	\$139.26	\$170.43	\$162.50	\$150.80	\$185.07	\$138.51
75%	\$105.66	\$105.81	\$100.68	\$98.22	\$105.35	\$103.16	\$116.11	\$140.08	\$133.30	\$121.95	\$143.60	\$115.81
50%	\$98.63	\$96.38	\$89.55	\$88.67	\$97.61	\$95.46	\$108.67	\$132.82	\$124.17	\$117.67	\$130.69	\$107.30
25%	\$92.76	\$90.09	\$82.54	\$83.20	\$92.40	\$90.40	\$102.89	\$126.14	\$116.90	\$111.11	\$126.30	\$101.34
5%	\$86.04	\$80.63	\$72.91	\$72.42	\$79.01	\$76.95	\$86.58	\$106.69	\$96.79	\$91.35	\$104.19	\$86.69
0%	\$75.70	\$71.35	\$65.13	\$65.97	\$73.20	\$70.27	\$79.93	\$98.79	\$88.94	\$86.74	\$96.43	\$79.31

8 PPA EXPECTED PRICES

The PPA market is not transparent nor is the market mature. Consequently, price discovery is more difficult and usually only through market intelligence and first-hand experience, prices become known.

One of the issues to be resolved with the PPA members will be which technology would be regarded as acceptable? Wind farms and solar farms may be more highly regarded than biomass plants and waste-to-energy plants, even though all technologies qualify for the Renewable Energy Target.

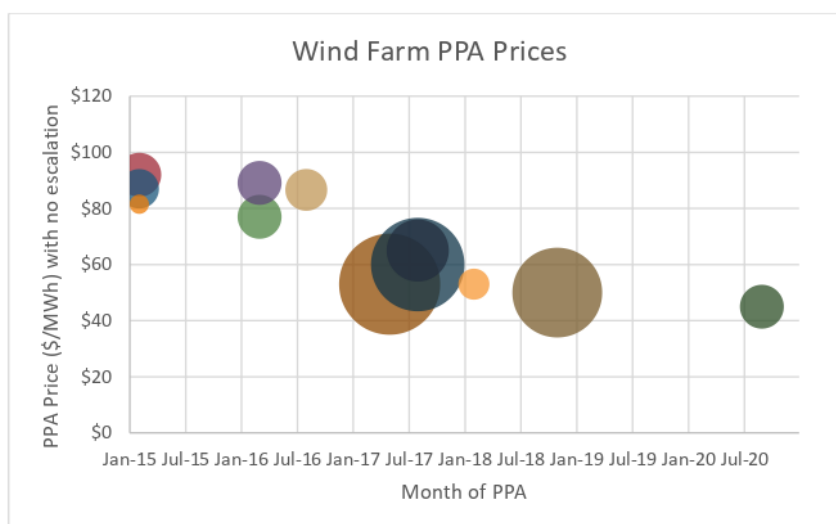
Given the Members include Public Lighting, wind farm projects are a more natural fit and therefore expected to be at a lower cost, therefore the PPA expected prices have been based on a wind farm PPA.

8.1 MARKET INTELLIGENCE

PPA prices are generally not disclosed, but there have been from time-to-time some prices announced. Figure 23 below shows the wind farm run-of-plant price outcomes that have been disclosed (or estimated from public statements) since 2015. The size of each dot on the chart reflects the capacity of the project with the centre of each dot marking the price. The wind farm projects are from NSW, Victoria or South Australia. NSW projects tend to have higher prices than the other States due to the inherent value of power prices being higher.

For clarification, a run-of-plant PPA is where the off-taker takes a proportion of the output for each half hour of each day, and therefore the quantity sold varies from one half an hour to the next. The PPA proposed by PA is not run-of-plant, but rather it will be firmed to match the customer's consumption.

Figure 23: Publicly Disclosed Run-of-Plant PPA Prices



The latest PPA price was executed between the ACT Government and Neoen for Stage 1 of the Goyder wind farm located in South Australia. The price of \$44.97/MWh had no escalation for 25-years and was announced in September 2020, but the wind farm is not expected to commence until late 2023.

The Goyder wind farm has only just received Planning Approval.

Given the 25-year term, the high credit worthiness of the off-taker, and the fact the PPA was for the entire wind farm, low debt financing costs would have been achieved, leading to the record-breaking rate.

8.2 ASSUMED PPA RUN-OF-PLANT PRICES

Based on our market intelligence, our financial model for wind farms and public information, we have assumed the PPA prices will most likely sit in the range of \$52/MWh to \$60/MWh, with an expected price of around \$55.65/MWh. It is also assumed some gradual escalation will apply throughout the term after 2024.

Table 15: Assumed PPA Run-of-Plant PPA Wind Farm Prices

	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32
100%	\$64.58	\$64.58	\$64.57	\$65.55	\$66.67	\$67.82	\$69.05	\$70.26	\$71.65	\$73.08	\$74.53
95%	\$62.75	\$62.57	\$62.69	\$63.41	\$64.85	\$65.99	\$67.03	\$68.08	\$69.36	\$70.98	\$72.27
75%	\$59.53	\$59.36	\$59.30	\$60.34	\$61.29	\$62.55	\$63.57	\$64.55	\$66.12	\$67.34	\$68.73
50%	\$55.65	\$55.67	\$55.35	\$56.50	\$57.20	\$58.56	\$59.51	\$60.59	\$61.81	\$63.20	\$64.20
25%	\$52.43	\$52.40	\$52.37	\$53.24	\$54.16	\$55.15	\$56.15	\$57.06	\$58.23	\$59.36	\$60.51
5%	\$49.68	\$49.67	\$49.66	\$50.42	\$51.46	\$52.44	\$52.90	\$54.16	\$55.14	\$56.22	\$57.42
0%	\$47.59	\$47.60	\$47.59	\$48.31	\$49.18	\$50.01	\$50.90	\$51.78	\$52.81	\$53.88	\$54.95

8.3 ASSUMED RETAILED PPA PRICES

The assumed Retailed PPA prices are shown below, and this is where a run-of-plant PPA is made firm to match the customer's consumption. This is the same product that was set in place in Victorian Local Governments.

Table 16: Assumed Mandatory LGC Retailed PPA Prices

	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	\$85.12	\$88.69	\$93.73	\$95.28	\$97.07	\$98.46	\$100.61	\$102.87	\$105.45	\$110.70	\$112.94	\$99.18
95%	\$77.24	\$78.24	\$83.92	\$85.96	\$89.30	\$92.50	\$94.49	\$94.80	\$96.18	\$104.28	\$105.87	\$91.16
75%	\$64.68	\$68.34	\$72.92	\$74.62	\$77.02	\$80.18	\$81.64	\$83.15	\$84.93	\$91.66	\$93.37	\$79.32
50%	\$56.60	\$60.38	\$63.99	\$67.27	\$69.32	\$72.12	\$73.86	\$75.57	\$76.94	\$83.73	\$84.20	\$71.27
25%	\$49.48	\$54.24	\$58.22	\$61.00	\$63.38	\$64.98	\$66.76	\$68.86	\$69.09	\$76.46	\$77.22	\$64.52
5%	\$42.73	\$47.20	\$50.19	\$54.25	\$57.20	\$59.17	\$60.31	\$62.83	\$62.68	\$70.75	\$71.88	\$58.11
0%	\$33.06	\$38.91	\$41.95	\$44.99	\$51.50	\$51.82	\$54.40	\$55.53	\$56.43	\$68.01	\$69.41	\$51.46

Table 17: Assumed 100% Voluntary LGC Retailed PPA Prices

	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	\$110.89	\$110.99	\$110.85	\$112.41	\$114.35	\$116.49	\$118.67	\$120.74	\$123.12	\$125.42	\$127.96	\$117.45
95%	\$105.38	\$102.72	\$104.54	\$104.65	\$108.55	\$111.18	\$112.62	\$113.10	\$113.60	\$118.15	\$119.96	\$110.40
75%	\$92.74	\$90.90	\$91.15	\$92.47	\$94.55	\$97.28	\$98.28	\$100.27	\$102.10	\$103.86	\$105.79	\$97.22
50%	\$83.88	\$83.14	\$82.39	\$84.47	\$85.59	\$88.39	\$89.60	\$91.80	\$92.88	\$94.87	\$95.40	\$88.40
25%	\$76.69	\$75.92	\$75.92	\$76.98	\$78.88	\$80.36	\$82.19	\$84.21	\$84.82	\$86.63	\$87.48	\$80.92
5%	\$70.49	\$70.87	\$70.47	\$71.51	\$72.95	\$74.70	\$75.06	\$77.60	\$77.83	\$80.16	\$81.44	\$74.83
0%	\$68.07	\$68.22	\$68.46	\$69.15	\$70.40	\$71.53	\$72.80	\$74.15	\$75.63	\$77.06	\$78.64	\$72.19

9 ESTIMATED 2020 COSTS AND PPA COST COMPARISON

To enable a comparison between the estimated PPA cost and current costs, the next step was to derive an estimate the average current cost of Members. This estimate was undertaken because current rates being paid by Members is at this stage, not known to PA. This section outlines the basis of this estimate to provide an indicative insight into the potential cost change.

It is worth noting that to complement this Indicative Business Case, PA is also offering to undertake a detailed Impact Statement for any potential Member on a fee-for-service, which would customise the financial impact based on actual contracted rates by each member.

9.1 LIKELY AVERAGE WHOLESALE COST

Assuming prices were set during 2019 for the calendar year 2020, the wholesale forward market dramatically changed over the 2-year period prior to the commencement of the 2020 year. In mid-June 2018, the wholesale market price was as low as \$60.60/MWh and the highest point was at \$104/MWh in October 2019.

The market's volume weighted traded price on ASX Energy was \$78.80/MWh, so therefore this was assumed as the underlying wholesale price underpinning the PA member's cost.

Figure 24: Wholesale Forward Price 2020 (\$/MWh)



9.2 ESTIMATED 2020 AVERAGE PRICE

Using the underlying wholesale cost listed above, the estimated bundled cost (i.e. LGC and power costs) are as follows:

Table 18: Estimated Average 2020 Rate (\$/MWh)

	Large Sites	Public Lighting
Average Rate (\$/MWh)	\$87.69	\$86.27

9.3 LARGE SITES COST IMPACT

The potential cost impact for Large Sites has been assessed for the two PPA options of Mandatory LGCs and Voluntary 100% LGCs.

9.3.1 MANDATORY LGC

For Large Sites, the Mandatory LGC PPA option would deliver an expected average benefit of more than \$23/MWh from estimated current cost levels. This is a 26% annual reduction, with the larger benefits in the earlier years.

Table 19: Large Sites Mandatory LGC Cost Saving

	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	\$16.71	\$14.71	\$15.43	\$15.77	\$6.07	\$9.78	-\$1.23	-\$22.72	-\$14.75	-\$11.46	-\$34.33	-\$0.55
95%	\$24.19	\$19.24	\$20.58	\$20.49	\$12.36	\$14.54	\$4.36	-\$14.41	-\$7.86	-\$5.30	-\$26.40	\$5.62
75%	\$30.75	\$28.89	\$29.21	\$30.27	\$25.93	\$27.60	\$19.77	\$5.62	\$11.73	\$12.49	-\$0.83	\$20.13
50%	\$32.73	\$32.01	\$33.04	\$33.45	\$28.27	\$30.23	\$22.31	\$8.14	\$14.69	\$15.12	\$7.13	\$23.37
25%	\$35.65	\$34.62	\$35.55	\$36.08	\$31.55	\$33.55	\$26.11	\$12.36	\$19.02	\$19.17	\$9.83	\$26.68
5%	\$39.85	\$40.51	\$41.83	\$43.27	\$39.46	\$41.58	\$35.95	\$24.65	\$31.12	\$31.36	\$23.46	\$35.73
0%	\$44.45	\$43.74	\$45.43	\$46.15	\$42.06	\$44.47	\$38.95	\$27.66	\$34.50	\$34.20	\$28.24	\$39.08

9.3.2 VOLUNTARY 100% LGC

For Large Sites adopting 100% Voluntary LGC PPA option, the expected average benefit is 15% less than the estimated current costs, an average gain of more than \$13/MWh per annum.

Table 20: Large Sites Voluntary 100% LGC Cost Saving

	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	-\$30.73	-\$20.25	-\$16.57	-\$11.78	-\$17.39	-\$9.60	-\$18.78	-\$40.25	-\$33.55	-\$11.46	-\$34.33	-\$22.24
95%	-\$13.69	-\$8.30	-\$4.30	\$2.56	-\$0.43	\$3.52	-\$5.84	-\$24.41	-\$17.65	-\$5.30	-\$26.40	-\$9.11
75%	-\$0.38	\$3.62	\$9.95	\$15.25	\$12.70	\$15.16	\$8.33	-\$5.93	-\$0.45	\$12.49	-\$0.83	\$6.35
50%	\$6.00	\$12.71	\$20.54	\$23.23	\$18.81	\$21.31	\$14.44	\$0.20	\$6.77	\$15.12	\$7.13	\$13.30
25%	\$11.70	\$18.40	\$27.13	\$28.16	\$23.34	\$25.28	\$18.33	\$4.66	\$11.52	\$19.17	\$9.83	\$17.96
5%	\$16.75	\$25.75	\$34.08	\$35.61	\$32.28	\$34.16	\$29.19	\$17.43	\$24.58	\$31.36	\$23.46	\$27.70
0%	\$25.60	\$33.57	\$40.12	\$40.71	\$36.95	\$39.58	\$34.41	\$23.26	\$30.58	\$34.20	\$28.24	\$33.38

9.4 PUBLIC LIGHTING COST IMPACT

The potential cost impact for Public Lighting sites has been measured for the two PPA options.

9.4.1 MANDATORY LGC

For Public Lighting sites with a Mandatory LGC PPA, the cost is expected to be favourable in the first 4-years, then become unfavourable averaging an unfavourable \$11/MWh over the full term (13%).

Table 21: Public Lighting Mandatory LGC Cost Saving

	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	-\$5.97	-\$13.91	-\$14.16	-\$16.50	-\$34.04	-\$30.54	-\$50.67	-\$86.29	-\$76.75	-\$74.51	-\$111.66	-\$46.82
95%	\$2.93	-\$8.53	-\$7.83	-\$10.92	-\$25.61	-\$23.98	-\$42.00	-\$73.67	-\$65.58	-\$64.53	-\$98.80	-\$38.05
75%	\$11.79	\$5.46	\$4.75	\$3.60	-\$5.01	-\$4.08	-\$18.16	-\$42.28	-\$34.57	-\$35.68	-\$57.33	-\$15.59
50%	\$14.35	\$9.19	\$9.25	\$7.80	-\$2.09	-\$0.47	-\$14.67	-\$38.61	-\$30.10	-\$31.40	-\$44.42	-\$11.02
25%	\$17.98	\$12.99	\$12.80	\$11.57	\$2.76	\$4.70	-\$8.56	-\$31.86	-\$23.24	-\$24.84	-\$40.03	-\$5.98
5%	\$23.64	\$21.09	\$21.64	\$22.26	\$14.83	\$17.05	\$6.44	-\$12.84	-\$3.74	-\$5.08	-\$17.92	\$7.94
0%	\$29.41	\$25.10	\$26.45	\$26.05	\$18.36	\$20.90	\$10.88	-\$8.12	\$1.26	-\$0.47	-\$10.16	\$12.70

9.4.2 VOLUNTARY 100% LGC

For Public Lighting sites adopting a Voluntary 100% LGC PPA, the expected cost is likely to be higher than current cost levels by an average of \$21/MWh per annum which represents an average 24% increase.

Table 22: Public Lighting Voluntary 100% LGC Cost Saving

	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	-\$53.42	-\$48.87	-\$46.16	-\$44.05	-\$57.49	-\$49.91	-\$67.83	-\$103.83	-\$94.71	-\$74.51	-\$111.66	-\$68.40
95%	-\$33.82	-\$34.45	-\$31.06	-\$26.17	-\$37.76	-\$34.64	-\$52.99	-\$84.16	-\$76.23	-\$64.53	-\$98.80	-\$52.24
75%	-\$19.39	-\$19.54	-\$14.41	-\$11.95	-\$19.07	-\$16.89	-\$29.84	-\$53.81	-\$47.02	-\$35.68	-\$57.33	-\$29.54
50%	-\$12.36	-\$10.11	-\$3.28	-\$2.40	-\$11.34	-\$9.18	-\$22.40	-\$46.55	-\$37.90	-\$31.40	-\$44.42	-\$21.03
25%	-\$6.49	-\$3.82	\$3.73	\$3.07	-\$6.13	-\$4.13	-\$16.62	-\$39.87	-\$30.63	-\$24.84	-\$40.03	-\$15.07
5%	\$0.23	\$5.64	\$13.36	\$13.85	\$7.26	\$9.32	-\$0.31	-\$20.42	-\$10.52	-\$5.08	-\$17.92	-\$0.42
0%	\$10.57	\$14.92	\$21.14	\$20.30	\$13.07	\$16.00	\$6.34	-\$12.52	-\$2.67	-\$0.47	-\$10.16	\$6.96

10 FINANCIAL COMPARISON

This section of the report compares the Business-as-Usual average price outlook with the retained PPA average price outlook, thereby enabling a like-for-like comparison.

The comparison begins with the Large Sites, and then is followed by the Public Lighting.

10.1 LARGE SITES COST COMPARISON - MANDATORY LGCs ONLY

For Mandatory LGC's only, the expected cost comparison shows the PPA is expected to be marginally (0.8%) lower cost than the Business-as-Usual. This finding has a 50% change of being between a favourable 12% cost reduction to an unfavourable 13%.

Even though the financial gain may only be slightly favourable, the other benefits of price certainty give support to the proposition that exploring a PPA has merit.

Table 23: Large Sites Cost Comparison – Mandatory LGCs Only

Mandatory LGC PPA												
	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	\$75.85	\$81.02	\$84.25	\$85.56	\$86.70	\$89.20	\$90.88	\$91.54	\$94.39	\$99.56	\$101.51	\$89.13
95%	\$67.91	\$70.21	\$75.95	\$77.96	\$80.02	\$82.19	\$83.86	\$83.64	\$86.26	\$94.03	\$96.47	\$81.68
75%	\$57.22	\$60.99	\$64.86	\$67.73	\$68.75	\$71.36	\$72.88	\$73.09	\$76.19	\$82.75	\$84.14	\$70.91
50%	\$49.21	\$53.35	\$57.83	\$60.75	\$62.20	\$64.26	\$65.03	\$66.23	\$68.55	\$75.39	\$76.75	\$63.59
25%	\$43.46	\$47.94	\$51.49	\$54.75	\$56.36	\$57.89	\$59.54	\$60.72	\$62.36	\$68.25	\$70.02	\$57.53
5%	\$36.49	\$40.36	\$43.46	\$47.66	\$50.28	\$52.45	\$54.00	\$55.36	\$56.36	\$63.20	\$64.80	\$51.31
0%	\$26.60	\$33.35	\$35.91	\$38.85	\$42.90	\$45.37	\$50.16	\$48.17	\$49.57	\$61.13	\$62.39	\$44.95
Mandatory LGC Business-as-Usual												
	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	\$70.98	\$72.99	\$72.26	\$71.92	\$81.62	\$77.91	\$88.92	\$110.41	\$102.44	\$99.15	\$122.02	\$88.24
95%	\$63.50	\$68.45	\$67.11	\$67.20	\$75.33	\$73.15	\$83.33	\$102.10	\$95.55	\$92.99	\$114.09	\$82.07
75%	\$56.94	\$58.80	\$58.48	\$57.42	\$61.76	\$60.09	\$67.93	\$82.07	\$75.96	\$75.20	\$88.52	\$67.56
50%	\$54.96	\$55.68	\$54.65	\$54.24	\$59.42	\$57.46	\$65.38	\$79.55	\$73.01	\$72.57	\$80.57	\$64.32
25%	\$52.04	\$53.08	\$52.14	\$51.62	\$56.14	\$54.14	\$61.58	\$75.34	\$68.67	\$68.52	\$77.86	\$61.01
5%	\$47.84	\$47.18	\$45.86	\$44.42	\$48.23	\$46.11	\$51.74	\$63.04	\$56.58	\$56.34	\$64.23	\$51.96
0%	\$43.25	\$43.95	\$42.26	\$41.54	\$45.63	\$43.23	\$48.74	\$60.03	\$53.19	\$53.49	\$59.45	\$48.61
Mandatory LGC BAU Saving (\$/MWh)												
	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	\$40.62	\$35.93	\$33.55	\$32.26	\$36.00	\$28.71	\$35.37	\$59.38	\$49.06	\$35.13	\$55.86	\$40.17
95%	\$21.95	\$20.94	\$17.21	\$12.38	\$16.39	\$12.48	\$21.44	\$39.66	\$28.05	\$19.54	\$37.92	\$22.54
75%	\$11.84	\$10.07	\$5.76	\$0.85	\$4.60	\$1.01	\$6.80	\$20.41	\$12.27	\$5.94	\$15.31	\$8.62
50%	\$4.82	\$1.65	-\$3.32	-\$6.33	-\$2.88	-\$6.67	-\$0.52	\$12.49	\$3.36	-\$2.77	\$5.84	\$0.52
25%	-\$3.25	-\$6.28	-\$11.58	-\$14.56	-\$11.30	-\$15.70	-\$8.78	\$2.88	-\$5.28	-\$12.53	-\$4.70	-\$8.28
5%	-\$15.35	-\$17.06	-\$23.18	-\$25.71	-\$23.00	-\$27.31	-\$22.54	-\$10.22	-\$17.40	-\$26.73	-\$19.48	-\$20.73
0%	-\$27.69	-\$33.25	-\$36.55	-\$39.68	-\$37.82	-\$43.74	-\$40.45	-\$23.14	-\$35.09	-\$40.20	-\$40.79	-\$36.22
Mandatory LGC Saving (%)												
	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	57.2%	49.2%	46.4%	44.9%	44.1%	36.8%	39.8%	53.8%	47.9%	35.4%	45.8%	45.5%
95%	34.6%	30.6%	25.6%	18.4%	21.8%	17.1%	25.7%	38.8%	29.4%	21.0%	33.2%	27.5%
75%	20.8%	17.1%	9.8%	1.5%	7.4%	1.7%	10.0%	24.9%	16.2%	7.9%	17.3%	12.8%
50%	8.8%	3.0%	-6.1%	-11.7%	-4.9%	-11.6%	-0.8%	15.7%	4.6%	-3.8%	7.3%	0.8%
25%	-6.3%	-11.8%	-22.2%	-28.2%	-20.1%	-29.0%	-14.3%	3.8%	-7.7%	-18.3%	-6.0%	-13.6%
5%	-32.1%	-36.2%	-50.5%	-57.9%	-47.7%	-59.2%	-43.6%	-16.2%	-30.8%	-47.4%	-30.3%	-39.9%
0%	-64.0%	-75.7%	-86.5%	-95.5%	-82.9%	-101.2%	-83.0%	-38.5%	-66.0%	-75.2%	-68.6%	-74.5%

10.2 LARGE SITES COST COMPARISON – 100% VOLUNTARY LGCs

The 100% voluntary LGC strategy for Large Sites shows that a PPA has an expected favourable gain of about 3.8% over the full term assessed. There is a 50% chance that the gain could reside between a 14% gain, to an unfavourable 9% outcome.

Given the favourable skew, plus the other benefits of price certainty and supporting renewable energy to meet the organisation's objective, it is concluded that a PPA for Large Sites has merit.

Table 24: Large Sites Cost Comparison – 100% Voluntary LGCs

Voluntary PPA												
	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	\$91.51	\$89.71	\$90.49	\$91.84	\$92.89	\$94.40	\$96.02	\$97.65	\$99.62	\$101.35	\$103.44	\$95.36
95%	\$87.46	\$85.12	\$84.94	\$85.56	\$87.59	\$89.33	\$90.63	\$91.39	\$93.07	\$95.72	\$98.30	\$89.92
75%	\$76.31	\$74.34	\$74.17	\$76.20	\$76.43	\$78.64	\$79.53	\$79.87	\$83.14	\$84.24	\$85.74	\$78.96
50%	\$69.12	\$67.88	\$67.94	\$69.46	\$69.94	\$71.78	\$71.76	\$73.17	\$75.76	\$76.74	\$78.21	\$71.98
25%	\$62.92	\$61.84	\$62.31	\$63.43	\$64.02	\$65.02	\$66.28	\$66.95	\$69.28	\$69.47	\$71.35	\$65.72
5%	\$58.39	\$57.42	\$57.70	\$58.54	\$59.32	\$60.25	\$61.80	\$62.27	\$64.39	\$64.34	\$66.03	\$60.95
0%	\$56.15	\$55.12	\$55.53	\$56.35	\$57.20	\$58.10	\$58.96	\$60.07	\$61.17	\$62.23	\$63.58	\$58.59
Voluntary LGC Business-as-Usual												
	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	\$118.42	\$107.94	\$104.26	\$99.47	\$105.08	\$97.29	\$106.47	\$127.95	\$121.24	\$99.15	\$122.02	\$109.93
95%	\$101.39	\$95.99	\$91.99	\$85.13	\$88.13	\$84.17	\$93.53	\$112.10	\$105.34	\$92.99	\$114.09	\$96.80
75%	\$88.07	\$84.07	\$77.74	\$72.44	\$74.99	\$72.53	\$79.36	\$93.62	\$88.15	\$75.20	\$88.52	\$81.34
50%	\$81.70	\$74.98	\$67.15	\$64.46	\$68.88	\$66.39	\$73.25	\$87.49	\$80.92	\$72.57	\$80.57	\$74.39
25%	\$75.99	\$69.29	\$60.56	\$59.53	\$64.35	\$62.41	\$69.36	\$83.03	\$76.17	\$68.52	\$77.86	\$69.73
5%	\$70.94	\$61.94	\$53.61	\$52.08	\$55.41	\$53.53	\$58.50	\$70.26	\$63.11	\$56.34	\$64.23	\$60.00
0%	\$62.09	\$54.12	\$47.57	\$46.98	\$50.74	\$48.11	\$53.28	\$64.43	\$57.11	\$53.49	\$59.45	\$54.31
Voluntary LGC PPA Saving (\$/MWh)												
	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	\$56.16	\$47.79	\$43.64	\$41.00	\$43.23	\$34.50	\$40.79	\$64.18	\$54.89	\$33.99	\$54.63	\$46.80
95%	\$34.80	\$31.05	\$25.33	\$18.90	\$20.04	\$16.45	\$24.24	\$42.64	\$30.46	\$18.25	\$36.62	\$27.16
75%	\$21.17	\$17.12	\$11.26	\$4.12	\$7.48	\$3.29	\$8.81	\$22.49	\$14.35	\$4.66	\$13.99	\$11.70
50%	\$12.84	\$7.37	-\$0.70	-\$4.06	-\$0.68	-\$4.63	\$1.17	\$14.06	\$5.22	-\$4.13	\$4.35	\$2.80
25%	\$3.89	-\$1.03	-\$10.06	-\$12.81	-\$9.85	-\$14.11	-\$7.27	\$4.25	-\$4.07	-\$13.94	-\$6.32	-\$6.48
5%	-\$9.14	-\$12.30	-\$22.17	-\$25.07	-\$21.64	-\$25.73	-\$21.72	-\$9.47	-\$16.47	-\$28.40	-\$21.25	-\$19.40
0%	-\$22.70	-\$30.66	-\$36.17	-\$38.98	-\$37.54	-\$43.75	-\$40.54	-\$23.21	-\$34.90	-\$41.91	-\$42.71	-\$35.73
Voluntary LGC Saving (%)												
	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	47.4%	44.3%	41.9%	41.2%	41.1%	35.5%	38.3%	50.2%	45.3%	34.3%	44.8%	42.6%
95%	34.3%	32.3%	27.5%	22.2%	22.7%	19.5%	25.9%	38.0%	28.9%	19.6%	32.1%	28.1%
75%	24.0%	20.4%	14.5%	5.7%	10.0%	4.5%	11.1%	24.0%	16.3%	6.2%	15.8%	14.4%
50%	15.7%	9.8%	-1.0%	-6.3%	-1.0%	-7.0%	1.6%	16.1%	6.5%	-5.7%	5.4%	3.8%
25%	5.1%	-1.5%	-16.6%	-21.5%	-15.3%	-22.6%	-10.5%	5.1%	-5.3%	-20.3%	-8.1%	-9.3%
5%	-12.9%	-19.9%	-41.4%	-48.1%	-39.1%	-48.1%	-37.1%	-13.5%	-26.1%	-50.4%	-33.1%	-32.3%
0%	-36.6%	-56.6%	-76.0%	-83.0%	-74.0%	-90.9%	-76.1%	-36.0%	-61.1%	-78.3%	-71.8%	-65.8%

10.3 PUBLIC LIGHTING COST COMPARISON – MANDATORY LGCs ONLY

The Public Lighting sites are expected to substantially benefit from a PPA. The main reason is that by locking into a long-term price, we believe that the market will not necessarily recognise the structural change coming to intraday prices and therefore the benefits from such an arrangement will increase over-time.

A similar finding was evident from the completed Victorian PPA, where the Public Lighting rate is expected to become highly favourable over time.

For Mandatory LGCs only, the expected gain is a 26% favourable cost reduction, and there is a 50% chance the range could vary between 16% and 35%.

Table 25: Public Lighting Cost Comparison - Mandatory LGCs Only

Mandatory LGC PPA												
	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	\$85.12	\$88.69	\$93.73	\$95.28	\$97.07	\$98.46	\$100.61	\$102.87	\$105.45	\$110.70	\$112.94	\$99.18
95%	\$77.24	\$78.24	\$83.92	\$85.96	\$89.30	\$92.50	\$94.49	\$94.80	\$96.18	\$104.28	\$105.87	\$91.16
75%	\$64.68	\$68.34	\$72.92	\$74.62	\$77.02	\$80.18	\$81.64	\$83.15	\$84.93	\$91.66	\$93.37	\$79.32
50%	\$56.60	\$60.38	\$63.99	\$67.27	\$69.32	\$72.12	\$73.86	\$75.57	\$76.94	\$83.73	\$84.20	\$71.27
25%	\$49.48	\$54.24	\$58.22	\$61.00	\$63.38	\$64.98	\$66.76	\$68.86	\$69.09	\$76.46	\$77.22	\$64.52
5%	\$42.73	\$47.20	\$50.19	\$54.25	\$57.20	\$59.17	\$60.31	\$62.83	\$62.68	\$70.75	\$71.88	\$58.11
0%	\$33.06	\$38.91	\$41.95	\$44.99	\$51.50	\$51.82	\$54.40	\$55.53	\$56.43	\$68.01	\$69.41	\$51.46
Mandatory LGC Business-as-Usual												
	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	\$92.24	\$100.18	\$100.43	\$102.77	\$120.31	\$116.81	\$136.94	\$172.56	\$163.02	\$160.78	\$197.93	\$133.09
95%	\$83.34	\$94.80	\$94.11	\$97.19	\$111.88	\$110.25	\$128.27	\$159.94	\$151.85	\$150.80	\$185.07	\$124.32
75%	\$74.48	\$80.81	\$81.52	\$82.67	\$91.28	\$90.35	\$104.43	\$128.55	\$120.85	\$121.95	\$143.60	\$101.86
50%	\$71.92	\$77.08	\$77.02	\$78.47	\$88.36	\$86.74	\$100.94	\$124.88	\$116.37	\$117.67	\$130.69	\$97.29
25%	\$68.29	\$73.28	\$73.47	\$74.70	\$83.51	\$81.57	\$94.83	\$118.13	\$109.51	\$111.11	\$126.30	\$92.25
5%	\$62.63	\$65.18	\$64.63	\$64.01	\$71.44	\$69.22	\$79.83	\$99.11	\$90.01	\$91.35	\$104.19	\$78.33
0%	\$56.86	\$61.17	\$59.82	\$60.22	\$67.91	\$65.37	\$75.39	\$94.39	\$85.01	\$86.74	\$96.43	\$73.58
Mandatory LGC BAU Saving (\$/MWh)												
	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	\$55.79	\$58.11	\$55.21	\$53.69	\$65.76	\$63.04	\$79.12	\$116.15	\$101.14	\$88.18	\$124.90	\$78.28
95%	\$34.01	\$38.97	\$36.69	\$34.41	\$44.66	\$41.71	\$56.89	\$86.40	\$75.21	\$67.08	\$99.37	\$55.94
75%	\$23.28	\$25.32	\$21.34	\$19.82	\$27.00	\$23.71	\$36.69	\$59.17	\$51.19	\$44.04	\$60.59	\$35.65
50%	\$14.61	\$16.83	\$12.80	\$11.02	\$18.23	\$13.48	\$25.93	\$48.66	\$38.41	\$34.10	\$48.40	\$25.68
25%	\$5.64	\$7.07	\$2.21	\$2.06	\$8.47	\$3.63	\$15.47	\$36.14	\$26.21	\$21.28	\$34.07	\$14.75
5%	-\$7.98	-\$6.28	-\$10.45	-\$12.85	-\$6.04	-\$10.62	-\$1.08	\$18.69	\$9.87	\$0.40	\$15.38	-\$1.00
0%	-\$28.23	-\$21.77	-\$31.14	-\$33.51	-\$23.20	-\$25.48	-\$17.54	-\$2.44	-\$15.49	-\$18.32	-\$12.56	-\$20.88
Mandatory LGC Saving (%)												
	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	60.5%	58.0%	55.0%	52.2%	54.7%	54.0%	57.8%	67.3%	62.0%	54.8%	63.1%	58.8%
95%	40.8%	41.1%	39.0%	35.4%	39.9%	37.8%	44.3%	54.0%	49.5%	44.5%	53.7%	45.0%
75%	31.3%	31.3%	26.2%	24.0%	29.6%	26.2%	35.1%	46.0%	42.4%	36.1%	42.2%	35.0%
50%	20.3%	21.8%	16.6%	14.0%	20.6%	15.5%	25.7%	39.0%	33.0%	29.0%	37.0%	26.4%
25%	8.3%	9.6%	3.0%	2.8%	10.1%	4.5%	16.3%	30.6%	23.9%	19.2%	27.0%	16.0%
5%	-12.7%	-9.6%	-16.2%	-20.1%	-8.5%	-15.3%	-1.4%	18.9%	11.0%	0.4%	14.8%	-1.3%
0%	-49.7%	-35.6%	-52.0%	-55.6%	-34.2%	-39.0%	-23.3%	-2.6%	-18.2%	-21.1%	-13.0%	-28.4%

10.4 PUBLIC LIGHTING COST COMPARISON – 100% VOLUNTARY LGCs

A 100% voluntary LGC strategy for Public Lighting is expected to deliver substantial savings of about 18% with a 50% chance of being between 7% and 26%.

Once again, the key driver for this benefit is being able to lock-in to fixed prices before the structural changes in the intraday prices become more apparent.

Table 26: Public Lighting Cost Comparison – 100% Voluntary LGCs

Voluntary PPA												
	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	\$110.89	\$110.99	\$110.85	\$112.41	\$114.35	\$116.49	\$118.67	\$120.74	\$123.12	\$125.42	\$127.96	\$117.45
95%	\$105.38	\$102.72	\$104.54	\$104.65	\$108.55	\$111.18	\$112.62	\$113.10	\$113.60	\$118.15	\$119.96	\$110.40
75%	\$92.74	\$90.90	\$91.15	\$92.47	\$94.55	\$97.28	\$98.28	\$100.27	\$102.10	\$103.86	\$105.79	\$97.22
50%	\$83.88	\$83.14	\$82.39	\$84.47	\$85.59	\$88.39	\$89.60	\$91.80	\$92.88	\$94.87	\$95.40	\$88.40
25%	\$76.69	\$75.92	\$75.92	\$76.98	\$78.88	\$80.36	\$82.19	\$84.21	\$84.82	\$86.63	\$87.48	\$80.92
5%	\$70.49	\$70.87	\$70.47	\$71.51	\$72.95	\$74.70	\$75.06	\$77.60	\$77.83	\$80.16	\$81.44	\$74.83
0%	\$68.07	\$68.22	\$68.46	\$69.15	\$70.40	\$71.53	\$72.80	\$74.15	\$75.63	\$77.06	\$78.64	\$72.19
Voluntary LGC Business-as-Usual												
	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	\$139.69	\$135.14	\$132.43	\$130.32	\$143.76	\$136.18	\$154.10	\$190.10	\$180.98	\$160.78	\$197.93	\$154.67
95%	\$120.09	\$120.72	\$117.34	\$112.44	\$124.03	\$120.91	\$139.26	\$170.43	\$162.50	\$150.80	\$185.07	\$138.51
75%	\$105.66	\$105.81	\$100.68	\$98.22	\$105.35	\$103.16	\$116.11	\$140.08	\$133.30	\$121.95	\$143.60	\$115.81
50%	\$98.63	\$96.38	\$89.55	\$88.67	\$97.61	\$95.46	\$108.67	\$132.82	\$124.17	\$117.67	\$130.69	\$107.30
25%	\$92.76	\$90.09	\$82.54	\$83.20	\$92.40	\$90.40	\$102.89	\$126.14	\$116.90	\$111.11	\$126.30	\$101.34
5%	\$86.04	\$80.63	\$72.91	\$72.42	\$79.01	\$76.95	\$86.58	\$106.69	\$96.79	\$91.35	\$104.19	\$86.69
0%	\$75.70	\$71.35	\$65.13	\$65.97	\$73.20	\$70.27	\$79.93	\$98.79	\$88.94	\$86.74	\$96.43	\$79.31
Voluntary LGC PPA Saving (\$/MWh)												
	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	\$64.55	\$62.69	\$58.51	\$53.27	\$64.76	\$61.57	\$76.90	\$113.76	\$98.14	\$78.70	\$115.19	\$77.09
95%	\$39.56	\$41.11	\$35.87	\$32.05	\$40.01	\$36.56	\$51.50	\$79.27	\$69.56	\$56.39	\$87.69	\$51.78
75%	\$24.95	\$24.41	\$18.51	\$15.72	\$21.69	\$17.78	\$30.51	\$52.68	\$44.50	\$33.81	\$50.28	\$30.44
50%	\$15.13	\$14.68	\$7.59	\$4.99	\$11.81	\$6.76	\$18.17	\$40.84	\$30.64	\$22.84	\$37.37	\$19.17
25%	\$4.39	\$3.48	-\$4.30	-\$4.99	\$0.96	-\$4.01	\$7.15	\$27.52	\$17.15	\$8.94	\$21.73	\$7.09
5%	-\$11.27	-\$12.40	-\$18.85	-\$20.76	-\$15.13	-\$20.22	-\$10.66	\$8.49	\$0.27	-\$12.08	\$2.91	-\$9.97
0%	-\$33.83	-\$29.87	-\$41.75	-\$44.67	-\$34.18	-\$36.71	-\$28.31	-\$13.64	-\$27.33	-\$32.37	-\$27.22	-\$31.81
Voluntary LGC Saving (%)												
	Cal-22	Cal-23	Cal-24	Cal-25	Cal-26	Cal-27	Cal-28	Cal-29	Cal-30	Cal-31	Cal-32	Average
100%	46.2%	46.4%	44.2%	40.9%	45.0%	45.2%	49.9%	59.8%	54.2%	48.9%	58.2%	49.8%
95%	32.9%	34.0%	30.6%	28.5%	32.3%	30.2%	37.0%	46.5%	42.8%	37.4%	47.4%	37.4%
75%	23.6%	23.1%	18.4%	16.0%	20.6%	17.2%	26.3%	37.6%	33.4%	27.7%	35.0%	26.3%
50%	15.3%	15.2%	8.5%	5.6%	12.1%	7.1%	16.7%	30.8%	24.7%	19.4%	28.6%	17.9%
25%	4.7%	3.9%	-5.2%	-6.0%	1.0%	-4.4%	7.0%	21.8%	14.7%	8.0%	17.2%	7.0%
5%	-13.1%	-15.4%	-25.9%	-28.7%	-19.2%	-26.3%	-12.3%	8.0%	0.3%	-13.2%	2.8%	-11.5%
0%	-44.7%	-41.9%	-64.1%	-67.7%	-46.7%	-52.2%	-35.4%	-13.8%	-30.7%	-37.3%	-28.2%	-40.1%

11 CONCLUSION

Long term renewable Power Purchase Agreements (PPAs) are usually undertaken by an organisation to serve many objectives as illustrated in the accompanying diagram.

Whilst a financial benefit is welcomed, it does not necessarily drive the decision entirely to participate in such an arrangement. The benefits of being able to meet the organisation's sustainability objectives, along with the benefit of price certainty are also key factors upon committing to a long term renewable PPA.



From our analysis in NSW for the Local Government Authorities that expressed an interest in a renewable PPA, it is our conclusion that there will likely be favourable financial benefits to accompany the other benefits of sustainability and price certainty.

This favourable finding is drawn from the analysis of comparing a PPA against the Business-as-Usual scenario of purchasing a like-for-like product during the term of the PPA. However, when compared to the estimated current costs, Large Sites would be expected to experience a cost decrease, but Public Lighting contestable costs a cost increase.

Public Lighting costs are expected to be impacted by the change in the intraday prices caused by the continual growth of roof-top solar and solar farms that will depress daytime prices and following coal-fired closures, the night-time hour prices will strengthen to the disadvantage of Public Lighting sites. By moving early, we believe will avoid the recognition of this structural change in future prices.

Given the likely favourable findings of this Indicative Business Case, it is the conclusion of Procurement Australia that the exploration of the long-term renewable Power Purchase Agreement in NSW has merit. Assuming a sufficient quorum of Councils are prepared to join the next step, Procurement Australia would be prepared to use its expertise and Government compliant tender processes to explore the next stage.

* * * * *

QUEANBEYAN-PALERANG REGIONAL COUNCIL

Council Meeting Attachment

23 JUNE 2021

ITEM 9.6 INVESTMENT REPORT - MAY 2021

ATTACHMENT 1 INVESTMENT REPORT PACK - MAY 2021



Investment Report Pack

Queanbeyan-Palerang Regional Council

As At 31 May 2021



Contents

1. Budget vs Actual Interest Income 1 July 2020 to 30 June 2021
2. Portfolio Valuation As At 31 May 2021
3. Portfolio Compliance As At 31 May 2021
4. Portfolio Statistics For Period Ending 31 May 2021



1. Budget vs Actual Interest Income 1 July 2020 to 30 June 2021

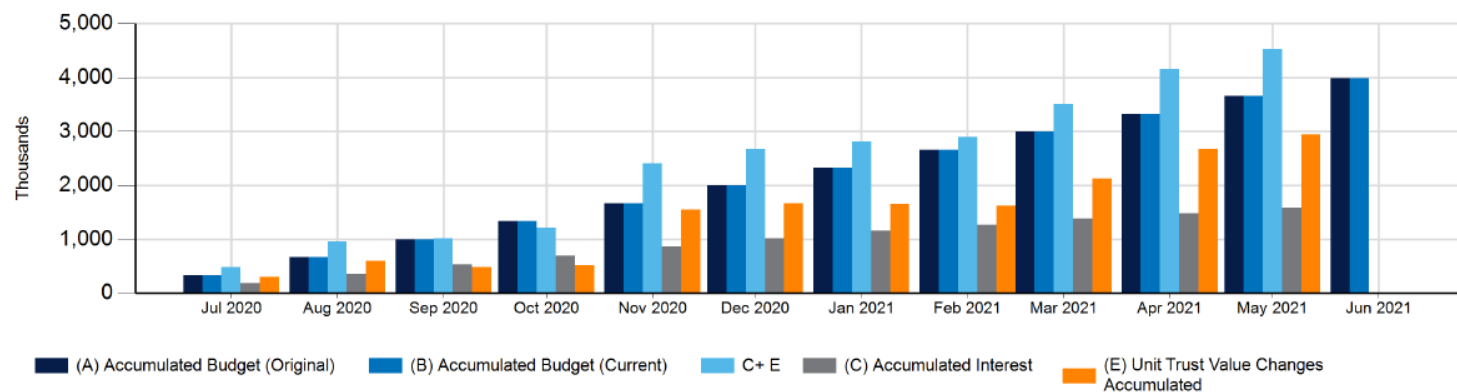
Month / Year	(A) Income Interest Budget (Original) Running Total	Interest Income Budget (Current) For Month	(B) Interest Income Budget (Current) Running Total	(T) Interest Income Received/Accrued For Month	(C) Interest Income Received/Accrued Running Total	Accrued Interest Acquired For Month	Accrued Interest Acquired Running Total	(U) Unit Trust Market Value Changes	(E) Unit Trust Market Value Changes Running Total	'Return' For Month (T+U)
Jul 2020	332,474.00	332,474.00	332,474.00	185,736.49	185,736.49	0.00	0.00	297,157.56	297,157.56	482,894.05
Aug 2020	664,948.00	332,474.00	664,948.00	171,543.53	357,280.02	0.00	0.00	299,643.51	596,801.07	471,187.04
Sep 2020	997,422.00	332,474.00	997,422.00	169,692.34	526,972.36	0.00	0.00	(109,692.02)	487,109.05	60,000.32
Oct 2020	1,329,896.00	332,474.00	1,329,896.00	170,605.44	697,577.80	0.00	0.00	24,205.91	511,314.96	194,811.35
Nov 2020	1,662,370.00	332,474.00	1,662,370.00	159,745.13	857,322.93	0.00	0.00	1,037,604.90	1,548,919.86	1,197,350.03
Dec 2020	1,994,844.00	332,474.00	1,994,844.00	156,134.70	1,013,457.63	0.00	0.00	113,666.65	1,662,586.51	269,801.35
Jan 2021	2,327,318.00	332,474.00	2,327,318.00	141,616.22	1,155,073.85	0.00	0.00	(6,250.82)	1,656,335.69	135,365.40
Feb 2021	2,659,792.00	332,474.00	2,659,792.00	115,225.39	1,270,299.24	0.00	0.00	(32,503.18)	1,623,832.51	82,722.21
Mar 2021	2,992,266.00	332,474.00	2,992,266.00	107,530.96	1,377,830.20	0.00	0.00	500,455.35	2,124,287.86	607,986.31
Apr 2021	3,324,740.00	332,474.00	3,324,740.00	103,324.48	1,481,154.68	(2,130.00)	(2,130.00)	551,313.47	2,675,601.33	654,637.95
May 2021	3,657,214.00	332,474.00	3,657,214.00	100,696.86	1,581,851.54	0.00	(2,130.00)	271,090.40	2,946,691.73	371,787.26
Jun 2021	3,989,688.00	332,474.00	3,989,688.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		3,989,688.00		1,581,851.54		(2,130.00)		2,946,691.73		4,528,543.27

Notes on Table Above

1A. The numbers shown in Column T are the accrual interest amounts for that month combined with the At Call Deposit, Unit Trust and Unassigned interest and distribution income received during that month.

1B. The accruals shown in this section have been calculated using each security's coupon schedule.

Accumulated Budget vs Actual (Accruals Based Upon Coupon Payment Schedules)





2. Portfolio Valuation As At 31 May 2021

Fixed Interest Security	Security Rating	ISIN	Face Value Original	Bond Factor	Face Value Current	Capital Price	Accrued Interest Price	Unit Price Notional	Unit Count	Market Value	% Total Value	Running Yield	Weighted Running Yield
At Call Deposit													
AMP QPRC At Call	S&P ST A2		866,417.17	1.00000000	866,417.17	100.000	0.000			866,417.17	0.46%	0.50%	
BENAU At Call	Moodys A3		17,139.51	1.00000000	17,139.51	100.000	0.000			17,139.51	0.01%	0.05%	
BENAU transaction At Call	Moodys A3		82,650.83	1.00000000	82,650.83	100.000	0.000			82,650.83	0.04%	0.00%	
NAB At Call	S&P AA-		25,961,073.44	1.00000000	25,961,073.44	100.000	0.000			25,961,073.44	13.88%	0.40%	
NAB General At Call	S&P AA-		11,814,352.02	1.00000000	11,814,352.02	100.000	0.000			11,814,352.02	6.31%	0.10%	
NAB Links At Call	S&P AA-		688,763.93	1.00000000	688,763.93	100.000	0.000			688,763.93	0.37%	0.10%	
			39,430,396.90		39,430,396.90					39,430,396.90	21.04%		0.31%
Fixed Rate Bond													
NTTC 0.8 15 Jun 2024 - Issued 16 Mar 2021 - Queanbeyan Regional Council Fixed	Moodys Aa3		5,000,000.00	1.00000000	5,000,000.00	100.000	0.167			5,008,350.00	2.67%	0.80%	
NTTC 1.1 15 Dec 2024 - Issued 16 Sep 2020 Fixed	Moodys Aa3		3,000,000.00	1.00000000	3,000,000.00	100.000	0.503			3,015,090.00	1.61%	1.10%	
NTTC 1.1 15 Jun 2025 - Issued 16 Mar 2021 - Queanbeyan Regional Council Fixed	Moodys Aa3		5,000,000.00	1.00000000	5,000,000.00	100.000	0.229			5,011,450.00	2.67%	1.10%	
			13,000,000.00		13,000,000.00					13,034,890.00	6.96%		0.98%
Flexi Deposit (Fix/Float)													
Westpac 2.96 25 Oct 2022 1826DAY FD	S&P AA-		2,000,000.00	1.00000000	2,000,000.00	100.000	0.284			2,005,676.72	1.07%	0.99%	
Westpac 2.89 07 Dec 2022 1827DAY FD	S&P AA-		3,000,000.00	1.00000000	3,000,000.00	100.000	0.665			3,019,952.88	1.61%	0.99%	
			5,000,000.00		5,000,000.00					5,025,629.60	2.68%		0.99%
Floating Rate Deposit													
Westpac 1.01 17 Apr 2024 1827DAY FRD	S&P AA-		3,000,000.00	1.00000000	3,000,000.00	100.000	0.039			3,001,167.96	1.60%	1.02%	
Westpac 1.29 Apr 2024 1827DAY FRD	S&P AA-		4,000,000.00	1.00000000	4,000,000.00	100.000	0.000			4,000,000.00	2.13%	1.01%	
Westpac 0.98 03 Jul 2024 1827DAY FRD	S&P AA-		5,000,000.00	1.00000000	5,000,000.00	100.000	0.076			5,003,797.25	2.67%	0.99%	
			12,000,000.00		12,000,000.00					12,004,965.21	6.41%		1.00%
Floating Rate Note													
AMP 1.08 10 Sep 2021 FRN	S&P BBB	AU3FN0044657	3,000,000.00	1.00000000	3,000,000.00	100.087	0.250			3,010,110.00	1.61%	1.12%	
AMP 1.05 30 Mar 2022 FRN	S&P BBB	AU3FN0035283	2,000,000.00	1.00000000	2,000,000.00	100.027	0.184			2,004,220.00	1.07%	1.08%	
Auswide 1.05 17 Mar 2023 FRN	Moodys Baa2	AU3FN0053567	2,500,000.00	1.00000000	2,500,000.00	100.991	0.223			2,530,350.00	1.35%	1.08%	
BENAU 1.05 25 Jan 2023 FRN	Moodys A3	AU3FN0040523	1,500,000.00	1.00000000	1,500,000.00	101.321	0.102			1,521,345.00	0.81%	1.09%	
CBA 1.11 17 Jan 2022 FRN	S&P AA-	AU3FN0034005	2,000,000.00	1.00000000	2,000,000.00	100.675	0.133			2,016,160.00	1.08%	1.15%	
CBA 0.88 25 Jul 2022 FRN	Moodys Aa3	AU3FN0037198	2,000,000.00	1.00000000	2,000,000.00	100.937	0.088			2,020,500.00	1.08%	0.92%	
CBA 0.93 16 Aug 2023 FRN	S&P AA-	AU3FN0044046	1,500,000.00	1.00000000	1,500,000.00	101.697	0.037			1,526,010.00	0.81%	0.97%	
CBA 1.13 11 Jan 2024 FRN	S&P AA-	AU3FN0046561	5,000,000.00	1.00000000	5,000,000.00	102.418	0.157			5,128,750.00	2.74%	1.17%	
CUA 1.23 04 Mar 2022 FRN	Moodys Baa1	AU3FN0046793	1,000,000.00	1.00000000	1,000,000.00	100.798	0.304			1,011,020.00	0.54%	1.26%	



Fixed Interest Security	Security Rating	ISIN	Face Value Original	Bond Factor	Face Value Current	Capital Price	Accrued Interest Price	Unit Price Notional	Unit Count	Market Value	% Total Value	Running Yield	Weighted Running Yield
CUA 0.9 21 Feb 2023 FRN	S&P BBB	AU3FN0052924	1,100,000.00	1.00000000	1,100,000.00	100.862	0.026			1,109,768.00	0.59%	0.94%	
HSBCSyd 0.83 27 Sep 2024 FRN	S&P A+	AU3FN0050498	4,000,000.00	1.00000000	4,000,000.00	101.279	0.148			4,057,080.00	2.17%	0.86%	
MACQ 0.84 12 Feb 2025 FRN	Moodys A2	AU3FN0052908	3,000,000.00	1.00000000	3,000,000.00	101.199	0.046			3,037,350.00	1.62%	0.88%	
MACQ 0.48 09 Dec 2025 FRN	S&P A+	AU3FN0057709	3,000,000.00	1.00000000	3,000,000.00	99.606	0.118			2,991,720.00	1.60%	0.52%	
RACB 1.05 23 May 2022 FRN	Moodys Baa1	AU3FN0048328	800,000.00	1.00000000	800,000.00	100.676	0.021			805,576.00	0.43%	1.09%	
RACB 0.93 24 Feb 2023 FRN	S&P BBB+	AU3FN0053146	1,850,000.00	1.00000000	1,850,000.00	100.569	0.019			1,860,878.00	0.99%	0.97%	
ME Bank 0.98 18 Jul 2022 FRN	S&P BBB	AU3FN0048948	2,500,000.00	1.00000000	2,500,000.00	100.795	0.118			2,522,825.00	1.35%	1.02%	
NAB 0.9 05 Jul 2022 FRN	S&P AA-	AU3FN0036950	5,000,000.00	1.00000000	5,000,000.00	100.900	0.141			5,052,050.00	2.70%	0.94%	
NAB 0.93 26 Sep 2023 FRN	S&P AA-	AU3FN0044996	3,000,000.00	1.00000000	3,000,000.00	101.713	0.174			3,056,610.00	1.63%	0.96%	
NAB 1.04 26 Feb 2024 FRN	S&P AA-	AU3FN0046777	2,000,000.00	1.00000000	2,000,000.00	102.202	0.015			2,044,340.00	1.09%	1.08%	
NAB 0.92 19 Jun 2024 FRN	S&P AA-	AU3FN0048724	3,200,000.00	1.00000000	3,200,000.00	102.028	0.190			3,270,976.00	1.75%	0.95%	
NPBS 1.4 06 Feb 2023 FRN	S&P BBB	AU3FN0040606	1,250,000.00	1.00000000	1,250,000.00	101.458	0.099			1,269,462.50	0.68%	1.44%	
RABOBK 1.08 03 Mar 2022 FRN	S&P A+	AU3FN0034690	1,000,000.00	1.00000000	1,000,000.00	100.727	0.271			1,009,980.00	0.54%	1.11%	
Westpac 1.17 03 Jun 2021 FRN	S&P AA-	AU3FN0031530	2,000,000.00	1.00000000	2,000,000.00	100.009	0.293			2,006,040.00	1.07%	1.20%	
			54,200,000.00		54,200,000.00					54,863,120.50	29.28%		1.01%
Floating Rate TCD													
BOC 0.78 27 Oct 2023 FloatTCD	S&P A	AU3FN0057162	1,500,000.00	1.00000000	1,500,000.00	100.598	0.077			1,510,125.00	0.81%	0.82%	
CCB 0.58 11 Mar 2024 FloatTCD	S&P A	AU3FN0058814	500,000.00	1.00000000	500,000.00	100.193	0.137			501,650.00	0.27%	0.62%	
			2,000,000.00		2,000,000.00					2,011,775.00	1.07%		0.77%
Term Deposit													
AMP 0.75 09 Mar 2022 364DAY TD	S&P ST A2		2,000,000.00	1.00000000	2,000,000.00	100.000	0.168			2,003,369.86	1.07%	0.75%	
Auswide 1.75 09 Mar 2022 728DAY TD	Moodys ST P-2		5,000,000.00	1.00000000	5,000,000.00	100.000	0.388			5,019,417.80	2.68%	1.75%	
BOQ 0.55 25 Aug 2021 268DAY TD	Moodys ST P-2		6,000,000.00	1.00000000	6,000,000.00	100.000	0.274			6,016,454.82	3.21%	0.55%	
NAB 0.5 06 Oct 2021 300DAY TD	S&P ST A1+		6,000,000.00	1.00000000	6,000,000.00	100.000	0.236			6,014,136.96	3.21%	0.50%	
Westpac 0.62 10 Nov 2021 364DAY TD	S&P ST A1+		7,000,000.00	1.00000000	7,000,000.00	100.000	0.341			7,023,899.75	3.75%	0.62%	
			26,000,000.00		26,000,000.00					26,077,279.19	13.92%		0.80%
Unit Trust													
NSWTC IM Cash Fund UT	S&P AA+		7,191,250.97		7,191,250.97			0.9345	7,695,704.3878	7,191,250.97	3.84%		
NSWTC Long Term Growth Fund UT	S&P AA+		16,333,411.79		16,333,411.79			1.1339	14,404,758.8500	16,333,411.79	8.72%		
NSWTC Medium Term Growth Fund UT	Unrated URUT		11,396,417.43		11,396,417.43			1.0496	10,857,660.3200	11,396,417.43	6.08%		
			34,921,080.19		34,921,080.19					34,921,080.19	18.64%		
Portfolio Total			186,551,477.09		186,551,477.09					187,369,136.59	100.00%		0.78%
Note: For holdings in unit funds and similar securities, the face value (original and current) columns will display market values.													



3. Portfolio Compliance As At 31 May 2021

Short Term Issuer/Security Rating Group	Market Value	% Total Value
A2	13,905,659.65	7.42%
A1+	13,038,036.71	6.96%
Portfolio Total	26,943,696.36	14.38%

Market Value by Security Rating Group (Short Term)



Long Term Issuer/Security Rating Group	Market Value	% Total Value
Unrated Unit Trust	11,396,417.43	6.08%
BBB+ to BBB-	16,124,209.50	8.61%
A+ to A-	14,729,040.34	7.86%
AA+ to AA-	118,175,772.95	63.07%
Portfolio Total	160,425,440.22	85.62%

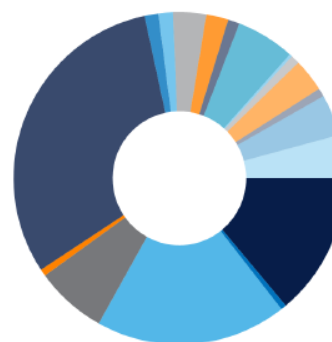
Market Value by Security Rating Group (Long Term)





Issuer	Market Value	% Total Value
AMP Bank Ltd	7,884,117.03	4.21%
Auswide Bank Limited	7,549,767.80	4.03%
Bank of China Limited	1,510,125.00	0.81%
Bank of Queensland Ltd	6,016,454.82	3.21%
Bendigo & Adelaide Bank Ltd	1,621,135.34	0.87%
China Construction Bank	501,650.00	0.27%
Commonwealth Bank of Australia Ltd	10,691,420.00	5.71%
Credit Union Australia Ltd	2,120,788.00	1.13%
HSBC Sydney Branch	4,057,080.00	2.17%
Macquarie Bank	6,029,070.00	3.22%
Members Banking Group Limited t/as RACQ Bank	2,666,454.00	1.42%
Members Equity Bank Ltd	2,522,825.00	1.35%
National Australia Bank Ltd	57,902,302.35	30.90%
Newcastle Permanent Building Society Ltd	1,269,462.50	0.68%
Northern Territory Treasury Corporation	13,034,890.00	6.98%
NSW Treasury Corporation	34,921,080.18	18.64%
Rabobank Nederland Australia Branch	1,009,980.00	0.54%
Westpac Banking Corporation Ltd	26,060,534.56	13.91%
Portfolio Total	187,369,136.58	100.00%

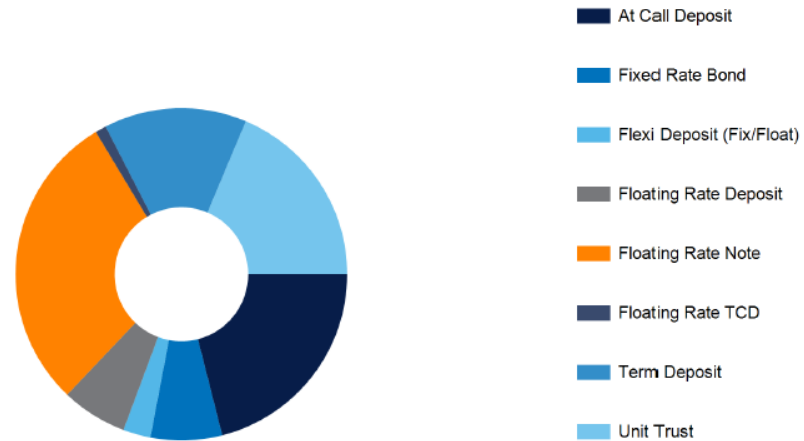
Market Value by Issuer





Security Type	Market Value	% Total Value
At Call Deposit	39,430,396.90	21.04%
Fixed Rate Bond	13,034,890.00	6.96%
Flexi Deposit (Fix/Float)	5,025,629.60	2.68%
Floating Rate Deposit	12,004,965.21	6.41%
Floating Rate Note	54,863,120.50	29.28%
Floating Rate TCD	2,011,775.00	1.07%
Term Deposit	26,077,279.19	13.92%
Unit Trust	34,921,080.18	18.64%
Portfolio Total	187,369,136.58	100.00%

Market Value by Security Type





Term Remaining	Market Value	% Total Value
0 to < 1 Year	112,291,862.27	59.93%
1 to < 3 Years	43,681,461.06	23.31%
3 to < 5 Years	31,395,813.25	16.76%
Portfolio Total	187,369,136.58	100.00%

Note: Term Remaining is calculated using a weighted average life date (WAL) where appropriate and available otherwise the interim (initial) maturity date is used.

Market Value by Term Remaining



Investment Policy Compliance

Legislative Requirements	Fully compliant
Issuer	Fully compliant (32 limits)
Security Rating Group	Fully compliant (8 limits)
Term Group	Fully compliant (4 limits)



4. Portfolio Statistics For Period Ending 31 May 2021

Trading Book	1 Month	3 Month	12 Month	Since Inception
Queanbeyan-Palerang Regional Council				
Portfolio Return (1)	0.22%	0.91%	2.75%	2.63%
Performance Index (2)	0.00%	0.01%	0.06%	0.98%
Excess Performance (3)	0.22%	0.90%	2.69%	1.65%

Notes

- 1 Portfolio performance is the rate of return of the portfolio over the specified period
- 2 The Performance Index is the Bloomberg AusBond Bank Bill Index (Bloomberg Page BAUBIL)
- 3 Excess performance is the rate of return of the portfolio in excess of the Performance Index

Trading Book	Weighted Average Running Yield
Queanbeyan-Palerang Regional Council	0.78



Disclaimer:

Laminar Capital Pty Ltd ABN 33 134 784 740 (AFSL 476686), its officers, employees, agents and associates ("Associates") from time to time hold interests in securities of, or earn brokerage, fees and other benefits from, corporations or investment vehicles referred to in documents provided to clients. All information contained herein is confidential and proprietary to Laminar Capital and, accordingly, this material is not to be reproduced in whole or in part or used for any purpose except as authorised by Laminar Capital. It is to be treated as strictly confidential and not disclosed directly or indirectly to any other person, firm or entity.

Distribution of this information to anyone other than the original recipient and that party's advisers is unauthorised. Any reproduction of these materials, in whole or in part, or the divulgence of any of its contents, without the prior consent of Laminar Capital is prohibited. Any securities recommendation or comments (including an opinion) contained in this document is general advice only and does not take into account your personal objectives, financial situation or needs. Laminar Capital is not acting in a fiduciary capacity. Recommendations or statements of opinion expressed may change without notice. You should not act on a recommendation or statement of opinion without first considering the appropriateness of the general advice to your personal circumstances or consulting your investment advisor to determine whether the recommendation or statement of opinion is appropriate for your investment objectives, financial situation or needs.

Laminar Capital believes that the information contained in this document is accurate when issued. Laminar Capital does not warrant that the information contained herein is accurate, reliable, complete or up-to-date, and, to the fullest extent permitted by law, disclaims all liability of Laminar Capital and its Associates for any loss or damage suffered by any person by reason of the use by that person of, or their reliance on, any information contained in this document or any error or defect in this document, whether arising from the negligence of Laminar Capital or its Associates or otherwise. No action should be taken on the basis of or in reliance on the information, opinions or conclusions contained in this document.

Laminar Capital acts as principal when we buy and sell fixed interest securities in the secondary markets. The yield that we quote to you incorporates any margin that we may receive. The margin is the difference between the price at which we, as principal, buy the security and the price at which we sell the security to you. Laminar Capital may also receive placement fees from Issuers for distributing securities on their behalf.

This document is not, and is not intended to be, an offer or invitation for subscription or sale, or a recommendation, with respect to any securities, nor is it to form the basis of any contract or commitment. This document does not purport to identify the nature of the specific market or other risks associated with these products. Before entering into any transaction in relation to the products, the investor should ensure that it fully understands the terms of the products and the transaction, relevant risk factors, the nature and extent of the investor's risk of loss and the nature of the contractual relationship into which the investor is entering. Prior to investing in these products, an investor should determine, based on its own independent review and such professional advice as it deems appropriate, the economic risks and merits, the legal, tax accounting characteristics and risk, and the consequences of an investment in them. This is not a substantive commentary or analysis by Laminar Capital and has not been prepared as a research product or comments by a research analyst.

LAMINAR CAPITAL PTY LTD
ACN 134 784 740
WWW.LAMINARCAPITAL.COM.AU

MELBOURNE OFFICE: LEVEL 5 RIALTO NORTH, 525 COLLINS STREET, MELBOURNE, VIC 3000 T 61 3 9001 6990 F 61 3 9001 6933
SYDNEY OFFICE: LEVEL 42, GATEWAY TOWER, 1 MACQUARIE PLACE, SYDNEY NSW, 2000 T 61 2 8094 1230 F 61 2 8094 1233
BRISBANE OFFICE: LEVEL 38, 71 EAGLE STREET, BRISBANE QLD, 4000 T 61 7 3123 5370 F 61 7 3123 5371

Report Code: TEPACK080EXT-00.09
Report Description: Investment Report Pack 080
Parameters:
Trading Entity: Queanbeyan-Palerang Regional Council
Trading Book: Queanbeyan-Palerang Regional Council
Settlement Date Base
Period End Date: 31 May 2021
Financial Year Start Date: 1 Jul 2020
Financial Year End Date: 30 Jun 2021
History Start Date: 1 Jan 2000
Exclude Cash
Exclude Unallocated Cash
Exclude Negative Unit Holdings
Trading Limit Parameters:
Use Face Value
Use Security Rating Group
Eliminate Issuer Parent Child Effect? No
Trading Entity Limits Only? No

QUEANBEYAN-PALERANG REGIONAL COUNCIL

Council Meeting Attachment

23 JUNE 2021

ITEM 9.7 INVESTMENT POLICY REVIEW 2021

ATTACHMENT 1 2021 DRAFT INVESTMENT POLICY



Investment Policy - Draft

Date policy was adopted:		CEO Signature and date
Resolution number:		
Next Policy review date:	June 2022	
Reference number:	ECM 804952	
Strategic Pillar	Organisation Capability	
Responsible Branch	Finance	

Investment Policy - Draft

1. OUTCOMES

- 1.1 The purpose of this policy is to provide a basis for the optimum investment of Queanbeyan-Palerang Regional Council's surplus funds to maximise returns giving due consideration to legislation, risk, liquidity and security.

2. POLICY

- 2.1 While exercising the power to invest, attention is to be given to capital preservation, liquidity, and return on investment. Council therefore has several primary objectives for its investment portfolio:
- (a) Compliance with legislation, Ministerial Orders, regulations, the prudent person tests of the Trustee Act and best practice guidelines.
 - (b) Preservation of capital is the principal objective of the investment portfolio. Investments are to be placed in a manner that seeks to ensure security and safeguarding the investment portfolio. This includes managing credit and interest rate risk within identified thresholds and parameters.
 - (c) Allocation of investments to ensure there is sufficient liquidity to meet all reasonably anticipated cash flow requirements, as and when they fall due, without incurring the risk of significant costs due to the unanticipated sale of an investment.
 - (d) Generation of income from the investment to exceed the AusBond BBI performance benchmark.

3. SCOPE OF THE POLICY

- 3.1 This policy applies to all Council officials.

4. DEFINITIONS

Act - Local Government Act, 1993

ADI - Authorised Deposit-Taking Institutions (ADIs) are corporations that are authorised under the Banking Act 1959 (Cwth) to take deposits from customers.

AusBond BBI - The Bloomberg AusBond Bank Bill Index represents the performance of a notional rolling parcel of bills averaging 45 days and is the widely used benchmark for local councils and other institutional cash investments.

Bill of Exchange - A bill of exchange is an unconditional order in writing, addressed by one person to another, signed by the person giving it, requiring the person to whom it is addressed to pay on demand, or at a fixed or determinable future time, a certain sum of money to, or to the order of, a specified person or to bearer.

BBSW - The Bank Bill Swap reference rate (BBSW) is the average of mid-rate bank-bill quote from brokers on the BBSW Panel. The BBSW is calculated daily. Floating rate securities are most commonly reset quarterly to the 90-day BBSW.

Council Funds - Surplus monies that are invested by Council in accordance with section 625 of the Act.

Investment Policy - Draft

Council official - includes councillors, members of staff of a council, administrators, council committee members and delegates of council.

Counterparty limit - The limit imposed to cap the maximum possible exposure to any one ADI.

Debenture - A debenture is a document evidencing an acknowledgement of a debt, which a company has created for the purposes of raising capital. Debentures are issued by companies in return for medium and long-term investment of funds by lenders.

FRN - A Floating Rate Note (FRN) is a medium to long term fixed interest investment where the coupon is a fixed margin ("coupon margin") over a benchmark, also described as a "floating rate". The benchmark is usually the BBSW and is reset at regular intervals – most commonly quarterly.

Grandfathered - Investments held by Council that were allowed under any previous Investment Policy but were Grandfathered (i.e. eligible to retain but not add to or restructure existing investments) when the policy was revised.

IP - The Investment Policy provides the general investment goals and objectives of Council and describes the strategies that must be employed to meet these objectives. Specific information on matters such as asset allocation, risk tolerance, and liquidity requirements are also included in the IP.

LGGR - Local Government (General) Regulation 2005 (NSW).

Major Banks - For the purpose of this Policy, "Major Banks" are currently defined as:

The ADI deposits or senior guaranteed principal and interest ADI securities issued by the major Australian banking groups including ADI subsidiaries whether or not explicitly guaranteed, and brand:

- (i) Australia and New Zealand Banking Group Limited
- (ii) Commonwealth Bank of Australia
- (iii) National Australia Bank Limited
- (iv) Westpac Banking Corporation.

NCD - Is a short-term investment in an underlying security being a negotiable certificate of deposit (NCD) where the term of the security is usually for a period of 185 days or less (sometimes up to 2 years). NCDs are generally discount securities, meaning they are issued and on-sold to investors at a discount to their face value. Sometimes also referred to as "transferable certificate of deposit" (TCD).

OLG - NSW Office of Local Government, Department of Premier and Cabinet

Portfolio Limit – The limit imposed to restrict the credit exposure of the investment portfolio, with reference to the credit quality ratings.

RAO - Responsible Accounting Officer of a council means a member of the staff of the council designated by the CEO.

Securities - For financial markets there are many types of financial instruments (i.e. documents) that are traded in financial markets (except futures contracts) e.g. bills of exchange, transferable certificates of deposit, negotiable certificates of deposit, and floating rate notes.

Investment Policy - Draft

T-Corp - New South Wales Treasury Corporation.

5. LEGISLATIVE OBLIGATIONS AND/OR RELEVANT STANDARDS

- Local Government Act 1993
- Local Government (General) Regulation 2005
- Ministerial Investment Order
- The Trustee Amendment (Discretionary Investments) Act (1997) – Section 14
- Local Government Code of Accounting Practice and Financial Reporting
- Australian Accounting Standards
- Office of Local Government Investment Policy Guidelines
- Office of Local Government Circulars.

6. CONTENT

6.1 *Authority for Delegation*

- 6.1.1 Authority for implementation of the Investment Policy is delegated by Council to the CEO in accordance with the *Local Government Act 1993*.
- 6.1.2 The CEO in turn delegates the management of Council's investments to the RAO.

6.2 *Prudent Person Standard*

- 6.2.1 The investments will be managed with the care, diligence and skill that a prudent person would exercise. As trustees of public monies, officers are to manage Council's investment portfolios to safeguard the portfolio in accordance with the spirit of this Investment Policy, and not for speculative purposes.

6.3 *Ethics and Conflicts of Interest*

- 6.3.1 Council Officers shall refrain from personal activities that would conflict with the proper execution and management of Council's investment portfolio. This policy requires Council Officers and external Investment Advisors to disclose any conflict of interest to the CEO.
- 6.3.2 Independent advisors are also required to declare that they have no actual or perceived conflicts of interest and receive no inducements in relation to Council's investments.

6.4 *Authorised Investments*

- 6.4.1 Investments are limited to those allowed by the most current Ministerial Investment Order that has been issued by the NSW Minister for Local Government.
- 6.4.2 All investments must be denominated in Australian Dollars. Authorised Investments are limited to those allowed by the Ministerial Investment Order, currently:
- (a) Commonwealth / State / Territory Government securities e.g. bonds
 - (b) Interest bearing deposits / senior securities issued by an eligible ADI
 - (c) Bills of Exchange (< 200 days duration) guaranteed by an ADI

Investment Policy - Draft

- (d) Debentures issued by a NSW Council under the *Local Government Act (1993)*
- (e) Deposits with T-Corp &/or Investments in T-Corp Hour-Glass Facility
- (f) Existing investments grandfathered under the Ministerial Investment Order.

6.5 **Prohibited Investments**

6.5.1 In accordance with the Ministerial Investment Order, this investment policy prohibits but is not limited to any investment carried out for speculative purposes including:

- (a) Derivative based instruments.
- (b) Principal only investments or securities that provide potentially nil or negative cash flow.
- (c) Stand-alone securities issued that have underlying futures, options, forwards contracts and swaps of any kind.
- (d) Mortgage of land.
- (e) Investments with Local Government Financial Services.

6.5.2 This policy also prohibits any investment with speculative purposes, including the use of leveraging (borrowing to invest) of an investment. However, nothing in the policy shall prohibit the short-term investment of loan proceeds where the loan is raised for non-investment purposes and there is a delay prior to the expenditure of loan funds.

6.6 **Risk Management Guidelines**

6.6.1 The following key criteria are considered prior to making an investment decision:

- (a) Preservation of Capital – the requirement for preventing losses in an investment portfolio's total value (considering the time value of money).
- (b) Diversification – the requirement to place investments in a broad range of products so as not to be over exposed to a particular sector of the investment market.
- (c) Credit risk – the risk that a party or guarantor to a transaction will fail to fulfil its obligations. In the context of this document it relates to the risk of loss due to the failure of an institution/entity with which an investment is held to pay the interest and/or repay the principal of an investment.
- (d) Market Risk - the risk that the fair value or future cash flows of an investment will fluctuate due to changes in market prices, or benchmark returns will unexpectedly overtake the investment's return.
- (e) Liquidity Risk - the risk an institution runs out of cash, is unable to redeem investments at a fair price within a timely period, and thereby Council incurs additional costs (or in the worst case is unable to execute its spending plans).
- (f) Maturity Risk - the risk relating to the length of term to maturity of the investment. The larger the term, the greater the length of exposure and risk to market volatilities.
- (g) Rollover Risk - the risk that income will not meet expectations or budgeted requirement because future interest rates are lower than expected.

Investment Policy - Draft

6.7 *Investment Advisor*

- 6.7.1 Council's investment advisor must be approved by Council resolution and licensed by the Australian Securities and Investment Commission. The advisor must be an independent person who has no actual or potential conflict of interest in relation to investment products being recommended and is free to choose the most appropriate product within the terms and conditions of the investment policy.
- 6.7.2 The independent advisor is required to provide written confirmation that they do not have any actual or potential conflicts of interest in relation to the investments they are recommending or reviewing, including that they are not receiving any commissions or other benefits in relation to the investments being recommended or reviewed, except as fully rebated to Council promptly.
- 6.7.3 Council must conduct an open tender process every five years for the provision of an independent advisory service.

6.8 *Accounting*

- 6.8.1 Council will comply with appropriate accounting standards in valuing its investments and quantifying its investment returns.
- 6.8.2 In addition to recording investment income according to accounting standards, published reports may show a break-down of its duly calculated investment returns into realised and unrealised capital gains and losses, and interest.
- 6.8.3 Other relevant issues will be considered in line with relevant Australian Accounting Standards, such as discount or premium, recognised at amortised cost or on a fair value basis, and impairment.

6.9 *Safe Custody Arrangements*

- 6.9.1 Where necessary, investments may be held in safe custody on Council's behalf, ensuring the following criteria are met:
 - (a) Council must retain beneficial ownership of all investments;
 - (b) Adequate documentation is provided, verifying the existence of the investments;
 - (c) The custodian conducts regular reconciliation of records with relevant registries and/or clearing systems; and
 - (d) The institution or custodian recording and holding the assets will be:
 - (i) The custodian nominated by T-Corp
 - (ii) Austraclear
 - (iii) An institution with an investment grade Standard and Poor's or Moody's rating, or
 - (iv) An institution with adequate insurance, including professional indemnity insurance and other insurances considered prudent and appropriate to cover its liabilities under any agreement.

6.10 *Credit Quality Limits*

- 6.10.1 Council will observe the following limitations for investment funds. The combined investments having a Long-Term Debt Rating outlined in Column A of the following table will comply with the:

Investment Policy - Draft

- (a) Portfolio Limit (Column B);
- (b) Counterparty Limit (Column C); and
- (c) Maximum Tenor (Column D).

Column A Long Term Debt Rating		Column B Portfolio Limit	Column C Counterparty Limit	Column D Maximum Tenor
S & P	Moody's			
AAA	Aaa	100%	100%	Not applicable
AA+ to AA-	Aa1 to Aa3	100%	100%	5 years
A+ to A	A1 to A2	100%	100%	3 years
A-	A3	40%	20%	3 years
BBB+	Baa1	35%	10%	3 years
BBB	Baa2		5%	12 months
BBB- and below	Baa3 and below	0%	0%	-
TCorp		100%	100%	Not applicable

6.10.2 A BBB Rate Sub Limit of 15% shall always apply when calculating the Portfolio Limit (Column B) investments with a long-term debt rating of:

- (a) BBB+ and BBB (S&P) and
- (b) Baa1 and Baa2 (Moody's).

6.10.3 The Long-Term Debt Rating of Council's investments will be determined as follows:

- (a) if only one Rating Agency provides a long-term debt rating, that rate shall apply
- (b) if a long-term debt rating has been assigned by both Rating Agencies and such ratings are not equivalent, the lower of such ratings shall apply.

6.11 *Investments held under a previous investment policy*

6.11.1 The above limitations with respect to the Maximum Tenor for Investment Funds shall not apply to the following investments which are permitted to be held until their maturity:

- (a) Credit Union Australia \$1m FRN purchased 4 March 2019 maturing 4 March 2022
- (b) Auswide Bank \$5m Term Deposit invested 11 March 2020 maturing 9 March 2022
- (c) ME Bank \$2.5m FRN purchased 18 July 2019 maturing 18 July 2022
- (d) Newcastle Permanent Building Society \$1.25m FRN purchased 6 February 2018 maturing 6 February 2023
- (e) Credit Union Australia \$1.1m FRN purchased 21 February 2020 maturing 21 February 2023
- (f) Auswide Bank \$2.5m FRN purchased 17 March 2020 maturing 17 March 2023
- (g) Macquarie \$3m FRN purchased 12 February 2020 maturing on 12 February 2025

6.12 *Term to Maturity*

6.12.1 Council's investment portfolio shall be structured around the time horizon of the investment to ensure that liquidity and income requirements are met.

Investment Policy - Draft

- 6.12.2 "Horizon" represents the intended minimum term of the investment; it is open for an Investment Strategy to define a target date for sale of a liquid investment (e.g. FRN or fixed bond).
- 6.12.3 Once the primary aim of liquidity is met, Council will diversify its maturity profile to reduce the volatility of Council's investment income. However, Council always retains the flexibility to invest funds short-term as determined by internal or economic outlook sensitivities.
- 6.12.4 The factors and/or information used by Council to determine minimum allocations to the shorter durations include:
- (a) Council's liquidity requirements to cover both regular payments as well as sufficient buffer to cover reasonably foreseeable contingencies
 - (b) Medium term financial plans and major capex forecasts
 - (c) Known grants, asset sales or similar one-off inflows
 - (d) Seasonal patterns to Council's investment balances.

6.13 Reporting

- 6.13.1 Documentary evidence must be held for each investment and details thereof maintained in an investment register. The documentary evidence must provide Council legal title to the investment.
- 6.13.2 For audit purposes, certificates must be obtained from the ADIs/fund managers/custodian confirming the amounts of investment held on Council's behalf on 30 June each year.
- 6.13.3 All investments are to be appropriately recorded in Council's financial records and reconciled at least monthly.
- 6.13.4 A monthly report will be provided to Council in accordance with legislative requirements. This report will detail the investment portfolio in terms of holdings and impact of changes in market value since the previous report. The monthly report will also detail the investment performance against the AusBond BBI performance benchmark, investment income earned versus budget year to date and confirm compliance of Council's investments within legislative and policy limits.

7. REVIEW

- 7.1 The Investment Policy will be reviewed annually and as required in the event of legislative amendment or a significant change in economic/market conditions.
- 7.2 The Investment Policy may also be changed as a result of other amendments that are to the advantage of Council and in the spirit of this policy.
- 7.3 Any amendment to the Investment Policy must be by way of Council resolution.
- 7.4 Council may seek expert financial advice from its investment advisor when undertaking the annual Investment Policy review.

QUEANBEYAN-PALERANG REGIONAL COUNCIL

Council Meeting Attachment

23 JUNE 2021

ITEM 11.1 ROYALLA COMMON MANAGEMENT COMMITTEE - S355

ATTACHMENT 1 ROYALLA COMMON MANAGEMENT COMMITTEE - MEETING
10 MARCH 2021

ROYALLA Common Management Committee (s.355) General Meeting

10/03/2021

Meeting:	General Meeting	Date & Time:	10/03/2021 7:00pm-9:30pm
Location:	Royalla Community Hall, 317 Royalla Drive, Royalla NSW 2620		
Attendees:	Helen Alexander, Stephen Wilson, Dave Klomp, Terry Sullivan, Rick Sullivan, Geoff Patterson, Brad Griffin, Jim Orman, Steve Donlan, Hayley Bennett, Paul Bombardier, Barbara Bennett (guest)		
Apologies:	Duncan Jarvis		

Below are the minutes from the meeting listed above. For Committee Member reference, there is a quick reference Action Items List at the rear of this document.

1. Welcome

2. Acceptance of previous meetings agenda/ minutes

Motion 28: Minutes from previous meeting of 20/01/2021 be accepted as true and accurate record of events. Carried.

3. Chairman's Report

The year continues to be slow with the effects of COVID. A big thank you to the team for working hard to improve the Common. Especially to Dave, Steven and Brad for their efforts at the last Working Bee. As always, if you need help, ask for it. We're all here to share the load.

4. Treasurer's Report

- o Per report distributed

5. Secretary's Report

- o N/A

6. Other Business

- Guest Speaker - Barbara Bennett
 - o Provided feedback on the Women's lunch held 31 Jan. Great community engagement with large turnout. Issue raised: Feeling isolation in Royalla with COVID. Sought to engage the Committee to help boost community engagement with below type events:
 - wine cheese evening (partners), book club (2 volunteers), afternoon tea, progressive dinner (different courses around homes), gardening visits, plant swaps, (garden rotation for plant swap), casserole/ curry night
 - o It was noted these ideas were great ideas and would be a better fit for the Community Association. The Community Association is currently inactive. Should it need to be established, a president, secretary and a number of additional members are required.
 - o Queried the waving of Belinda's Yoga class fee on the grounds of community engagement? Belinda is welcome to submit additional concerns in writing to the committee relevant to booking fees and Hall use.

Motion 29: Denied. Belinda is operating a registered business and is bound by the same rules as others in that category.

ROYALLA Common Management Committee (s.355) General Meeting

10/03/2021

- **Pest control**

- Geoff raised the issue of Hall Building damage because of the bug in the Elm Grove. Has sought a quote from Jim's Termite and Pest Control in Yass for a surface spray of the building (frequency: bi-annually). Bugs are damaging paint work not 10 days after repaint.

Motion 30: engage Jim's Termite and Pest control to internally and externally surface spray building. Carried.

Action items:

- 1) **Paul to locate historical pest control paperwork. Questions: 3-year refill, when is it due?**

- **Laser light in Grove**

- Paul Bombardier raised aesthetics issues with the Laser Light on top of the arch. Historically and in line with rustic style, the roof area should be open.
- Once the next wedding has finalised, Rick will pull the coverings down.
- Suggestion: shingle roof.
- Further discussion required over a style appropriate solution, something removable but secure.

- **Priority list**

- Jim and Dave have been collaborating to determine an accurate and up to date jobs input, method to determine priorities on a weighted system, priority tracking, electronic attendee tracking (mailing list opportunity).
- Document almost complete. Process will be shared for committee members to add new items. Document is accessible by all committee members on google drive – if confident with excel, add items as they're identified. If not, email Dave.

- **Grass watering**

- One individual has been managing the watering, but it needs to be shared around. Watering schedule established.
- Mowing: needs to be done more frequently than council is available.
- Fuel cost and storage for generator: estimated usage \$30 a week. X2 10L jerry's to be stored on site. Reimbursements can be organised with Brad.
- Long term pump solution suggestion: move to something not reliant on fuel.

- **Lockbox**

- Keyring needs to be adjusted to fit additional keys.
- Code combination has been distributed to committee.

Action Item:

- 2) **Adjust keyrings so more keys fit in lockbox**

- **Edging**

- Edging is complete, there were issues with water supply. Suggestion to install taps on outside of building.
- Need a little more topsoil. Committee members have donated some soil and machinery to move to site.

ROYALLA Common Management Committee (s.355) General Meeting

10/03/2021

- **Working Bee**

- Dave outlined required actions for working bee
- Date: SUNDAY 18th Apr 9am – 12pm

Action Items:

- 3) **T&C's on booking form need to be updated – on grass: no cars, no fire pits, no vehicle access. Marquees are ok. Food vans stay at the end of the building.**

- **Essential energy community hall program**

- There is a \$200 grant available that Hall is eligible for; for general maintenance – Duncan to review.

Action items:

- 4) **HB to distribute grant info with utility NMI to Duncan – priority DUE 28 Mar**

- **Landscape planting**

- Request pending with council for 200 plants/ mulch/ compost.
- Planting work to be incorporated in working bee should all materials be on site. Committee members can lend hole borer as the soil is hard/ full of rock.
- Paul will organise the weed poisoning ahead of time. Committee members have weed spray to donate.

OPEN: where to plant.

- **Community Hall Hire Rates**

- Each year we need to decide whether we offer this meeting room to local associations and at what rate.
- Review of hire rates to be undertaken by committee: include bookings officer and treasurer.
- Waiving fees for community groups - needs to be submitted to council and be approved.

Action Item:

- 5) **Write to community groups to advise use of Hall. Condition: ONE function every TWO months. Paying events prioritised.**
- 6) **Rick to organise subcommittee to review hire rates.**

- **Events**

- Fundraising event discussion:
 - trivia night is popular
 - air guitar competitions are profitable (temp stage, props here already). DK already has prizes for quiz night, donated back.
 - Food platters are profitable (FOC offered assistance here). Process: book in advance on table fee. Restricted on numbers by COVID restrictions.
 - Winter solstice bon fire (22 Jun, Tue)
 - Soup and sausage sizzle – Community Association

Action Items:

- 7) **DK to determine events and dates**

Page 3 of 4

ROYALLA Common Management Committee (s.355) General Meeting

10/03/2021

IMPORTANT DATES:

Working Bee: 18th Apr 9am-12pm

Pump and Lawn Watering Tutorial: Mar 12th @ 6pm

Meeting closed: 9.27pm

Next Meeting: Wed 21st April @ 7pm

ACTION ITEMS					
Item	Priority	Owner	Start Date	Close Date	Status
Paul to locate historical pest control paperwork. Questions: 3 year refill, when is it due?	Med	PB	10/3/21		Open
Rusting and/or removable solution for roof in Elm Grove	Med	All	10/3/21		Open
Adjust keyrings so more keys fit in lockbox	Med	DK	10/3/21		Open
T&C's on booking form to be updated. (COVID Cancellations. Refund adjustments. On grass: no cars, no fire pits, no vehicle access. Marquees are ok. Food vans stay at the end of the building).	Med	RS	10/3/21		Open
HB to distribute grant info to DJ – priority DUE 28 Mar. Essential Energy Community Hall Program	Med	HB	10/3/21	11/3/21	Closed
PB to organise weed spraying ahead of tree planting	Med	PB	10/3/21	18/4/21	Closed
Write to community groups to advise use of Hall. one function every 2 months. Paying events prioritised.	Med	HB	10/3/21		Open
RS to organise sub-committee for hire rates review	Med	RS	10/3/21		Open
DK to determine dates and times for Events (priority: winter solstice bonfire)	Med	DK	10/3/21		Open

QUEANBEYAN-PALERANG REGIONAL COUNCIL

Council Meeting Attachment

23 JUNE 2021

ITEM 11.1 ROYALLA COMMON MANAGEMENT COMMITTEE - S355

ATTACHMENT 2 ROYALLA COMMON MANAGEMENT COMMITTEE - MEETING
28 APRIL 2021

ROYALLA Common Management Committee (s.355) General Meeting

10/03/2021

Meeting:	General Meeting	Date & Time:	28/04/2021 7:00pm-9:30pm
Location:	Royalla Community Hall, 317 Royalla Drive, Royalla NSW 2620		
Attendees:	Helen Alexander, Stephen Wilson, Dave Klomp, Terry Sullivan, Rick Sullivan, Brad Griffin, Jim Orman, Steve Donlan, Paul Bombardier,		
Apologies:	Hayley Bennett, Geoff Patterson, Duncan Jarvis		

Below are the minutes from the meeting listed above. For Committee Member reference, there is a quick reference Action Items List at the rear of this document.

1. Welcome

2. Acceptance of previous meetings agenda/ minutes

Motion 31: Minutes from previous meeting of 10/03/2021 be accepted as true and accurate record of events. Carried.

3. Chairman's Report

- o N/A

4. Treasurer's Report

- o Per report distributed by email. Accepted.

5. Secretary's Report

- o N/A

6. Review of previous action items

- o Key ring in lock box issue resolved
- o Edging complete, committee members donated top soil
- o Plants will be on site ready for planting at Working Bee
- o Elm Grove roofing coming down
- o The Royalla Comm Association is being relaunched. Pip (Royalla resident) has responsibility) AGM to occur in near future.
- o EVENTS:
 - o Winter Solstice BBQ – 26th June
 - o Quiz night - TBA
 - o General observation: hall has seen an increase in bookings

7. Other Business

18th and 21st Birthday Celebrations

These events have historically been banned.

Motion 32: Apply an exception for an 18th for a Royalla resident. Carried. Conditions: bond will be increased, no social media posts, a security plan to be provided.

ROYALLA Common Management Committee (s.355) General Meeting

10/03/2021

Hire Rates Review

The committee agrees a review and increase in hire rates needs to be effected.

Action Item:

- 1) **A sub-committee to be established to review rates.**

Yearly advice to community regarding hall hire

Action Item:

- 1) **HB to write to community organisations.**

Grass area remediation costs for marquee damages

A recent event saw a marquee and flooring (solid and hay) left on site for a significant period after an event concluded, which resulted in loss of grass. Committee agrees the fee rates should be adjusted/ increased for Marquee use. These changes will be reflected in rates review.

Condition of floor in hall

A recent event saw significant scuff markings left on the cement floor in the Hall. A scourer pad was provided to the hirer to restore floors.

Motion 33: A better sealant be applied to the floor. Carried. Conditions: research to determine appropriate sealant and cleaning products for future use that won't damage floor further.

Action Items:

- 1) **Add to agenda for next meeting, Rick to converse with Sydney contacts on sealant type**
- 2) **Add items to hire sheet: which cleaning products may be supplied and which the hirer is responsible for**

ACT Tree Week

The Elm Grove was featured in an ACT Tree Week campaign without prior notice. Disappointing as notice would have enabled us to promote the event ourselves.

There is a National Tree Week in July.

Working Bee

Date: Sun 2nd 2021

Bond Refunds

Some adjustments will be made to this process to streamline and eliminate error/ inconsistencies.

Minor burning

The Friends of the Common will be conducting some minor burning in the coming weeks (some weed waste and along fence lines) supervised by RFS.

Royalla Community Association

Has made a donation of \$2,000 to the Common Committee

ROYALLA Common Management Committee (s.355) General Meeting

10/03/2021

IMPORTANT DATES:

Working Bee:

Winter Solstice BBQ:

Quiz night:

Meeting closed: 8:26pm

Next Meeting: Wed 9th June @ 7pm

ACTION ITEMS					
Item	Priority	Owner	Start Date	Close Date	Status
Paul to locate historical pest control paperwork. Questions: 3 year refill, when is it due?	Med	PB	10/3/21		Open
T&C's on booking form to be updated. (COVID Cancellations. Refund adjustments. Cleaning products supplied and not. On grass: no cars, no fire pits, no vehicle access. Marquees are ok. Food vans stay at the end of the building).	Med	RS	10/3/21		Open
Write to Community Groups to advise use of Hall. One function every 2 months for free. Paying events prioritised. New conditions. Request insurance up to date. Don't collect a bond from Landcare, Country Fair, Comm association.	Med	HB	10/3/21		Open
RS to organise sub-committee for hire rates review	Med	RS	10/3/21		Open

QUEANBEYAN-PALERANG REGIONAL COUNCIL

Council Meeting Attachment

23 JUNE 2021

ITEM 11.2 BUNGENDORE TOWN CENTRE AND ENVIRONS COMMITTEE
MEETING 19 APRIL 2021

ATTACHMENT 1 BUNGENDORE TOWN CENTRE AND ENVIRON COMMITTEE
MEETING MINUTES 19 APRIL 2021



Bungendore Town Centre and Environs Committee Meeting

19 April 2021 commencing at 6.30 pm
Bungendore Wood Works Gallery

MINUTES

1. **Present:** Andrew Riley (Chair)
Alan Longhurst
Peter Evans
David Mac Laren
Cllr Mark Schweikert

Also Attending

Murray Gough (President BCCI)
Graham Judge

The meeting opened at 6.35 pm

2. **Apologies:** Derek Tooth (Invited QPRC Representative)

3. **Declaration of Interests**

- 3.1 Nil.

4. **Minutes of Previous Meeting**

The Minutes of the previous meeting on 15 March 2021 were accepted.
(Longhurst/Mac Laren)

5. **Business Arising/Outstanding Actions**

Central Car Park. QPRC representative, Derek Tooth had provided an update that a final design for the car park had not been completed.

Malbon Street Roundabout. D Tooth had provided information that construction of the roundabout was scheduled to commence in mid June. TransportNSW has made it plain that there is no possibility of including a garden in the roundabout, but there is some possibility of providing other beautification features around the village entry to mitigate the industrial appearance of the roundabout.

Members noted that Resolution 4/2021 (meeting 15/3/2021) regarding incorporating artwork in the concrete surface of the roundabout dome was very relevant.

P Evans noted that the current intersection plans did not include footpaths to the Sports Hub.

High School. Cllr M Schweikert briefed members on the ongoing planning. It was noted that it was anticipated that there would be a roundabout at the Gibraltar/Butmaroo Street intersection. The Committee will monitor plans to ensure that a garden will be included along with appropriate corner landscaping.

Ellendon Street Arts Link. D Mac Laren reported that he had presented the Committee's paper on the ArtsLink to the last meeting of the QPRC CDPA Committee. It was well received but there was no commitment to action. P Evans noted that there was potential for international sculpture collaboration with venues in Wamboin.

Frogs Hollow. QPRC's response to the Request for Comment input is anticipated.

Seniors Housing Development DA 2021.1013. A Riley reported that the DA had been considered at the last meeting of the QPRC Heritage Advisory Committee, and that he had briefed the HAC on the points agreed by BTCEC members at the last meeting. He noted that the topic of laneway access had been discussed broadly.

Community Engagement. M Gough was invited to brief members on BCCI activities and its vision as a representative organisation for commerce in Bungendore. It was noted that the forthcoming BCCI AGM might be an opportunity for BTCEC to seek feedback on its programme of work.

ACTION: Secretary to request BCCI concurrence.

6. Correspondence.

- 6.1 **In**
Nil
- 6.2 **Out**
Nil.

7. New Business

- 7.1 **Laneways.** The discussion re the proposed development on Ellendon Street (DA 2021.1013 above) re-enlivened the Committee's previous position on linkages in the CBD. Members discussed the issues discouraging desirable development raised by QPRC's position on inequitable contribution to laneway infrastructure. It was noted that there is a heritage aspect to laneways in country towns.
ACTION: A Longhurst will prepare a brief for members on the background and current status of laneway implementation.
- 7.2 **QPRC Meeting 14 April Motion at Item 11.2.** Members noted that a motion regarding the composition of the Committee was moved, and that the accompanying paper included criticism of the Committee's conduct. Members had observed the discussion by Councillors and noted the outcome.

8. Reports and Discussion.

- 8.1 **Project Action Plan.** This document is effectively completed and ready for distribution. Members discussed where the document might fit within the QPRC hierarchy to be readily referenced for action.
ACTION: P Evans to apply final updates as agreed and forward Plan to Secretary for distribution.
ACTION: Cllr M Schweikert will check with QPRC staff as to where the Plan should live in

the QPRC system.

8.2 **Central Car Park/High School/Roundabout Updates.** See above.

8.3 **Frogs Hollow.** Discussed above.

8.4 **Ellendon Street Arts Link.** Discussed above.

8.5 **Historic Plaques Project.** Held over to next meeting.

9. **Any Other Business**

New Council Premises. Cllr Schweikert reported that as a consequence of the placement of the new High School, QPRC would be seeking a site for new Council premises in the village. This could potentially be a transformative initiative and the Committee would be looking to have a role in the planning. Members agreed to include the initiative as an Agenda item for future consideration.

10. **Close/Next Meeting**

The meeting closed at 8.15pm. Next meeting Monday May 17 2021

QUEANBEYAN-PALERANG REGIONAL COUNCIL

Council Meeting Attachment

23 JUNE 2021

ITEM 11.2 BUNGENDORE TOWN CENTRE AND ENVIRONS COMMITTEE
MEETING 19 APRIL 2021

ATTACHMENT 2 BUNGENDORE TOWN CENTRE AND ENVIRON COMMITTEE
MEETING PRIORITY OF WORKS

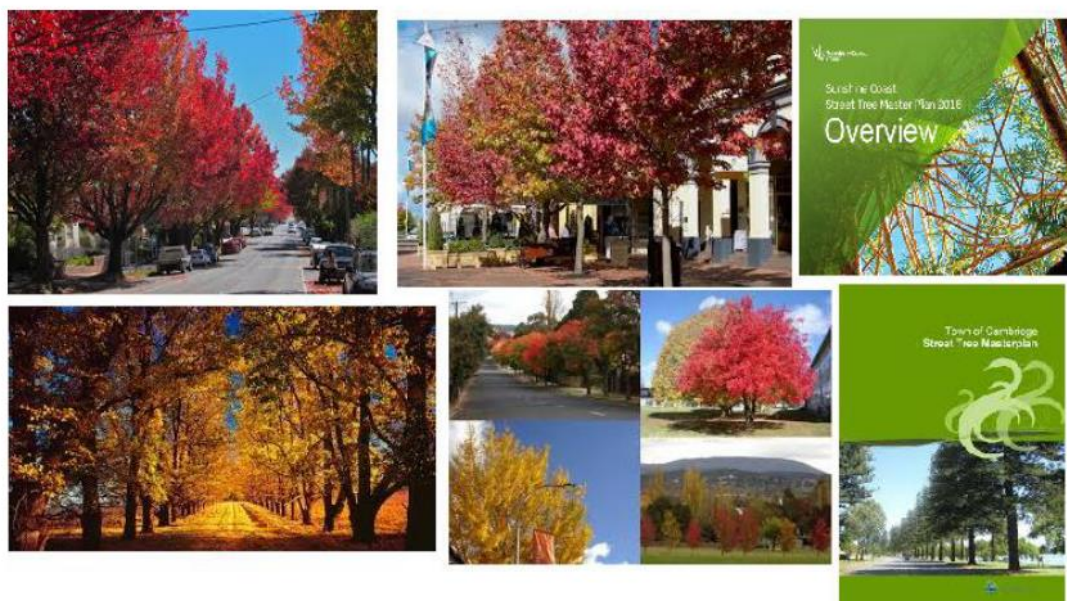
Bungendore Town Centre and Environs s355 Committee Priority of Works

1	Public Street Art
Strategy	<ul style="list-style-type: none"> To increase tourism to Bungendore by adding artwork to the CBD. Increase interest and provide Bungendore as a character town Support and grow vibrant arts community Maximise drawcard with major population base (Canberra/Queanbeyan) close to Bungendore Provide interesting linkage between Malbon/Gibraltar streets Build on Bungendore's existing arts reputation
Methodology	<ul style="list-style-type: none"> Install plinth's/pads in strategic places in public realm for the mounting of artworks Provide exhibition/curating place for artists to display artwork. Selection of artworks to be vetted by a local committee and select artworks Encourage art type businesses/industry to establish in Bungendore
Cost	<ul style="list-style-type: none"> Installation of generic type plinths - estimate \$5,000 per plinth Local committee donation of time
Responsible	<ul style="list-style-type: none"> QPRC to install plinths Initiate a group set up by the CDPA Advisory committee formed to select and manage art installations



Bungendore Town Centre and Environs s355 Committee Priority of Works

2	<i>Street Tree Master Plan</i>
Strategy	<ul style="list-style-type: none"> To develop a street tree masterplan for all new street planting in Bungendore to develop autumn colour This character will enhance Bungendore to residents, tourists and visitors Emulate other colour towns such as Armidale, Orange, Grafton.
Methodology	<ul style="list-style-type: none"> Engage landscape architect to develop a street tree masterplan for all streets in Bungendore including street tree selection for future streets in developments. Ensure street trees are climate suitable and produce autumn colour. QPRC adopt the masterplan as policy
Cost	<ul style="list-style-type: none"> Estimate \$20,000 (one off cost) + QPRC staff time Reviewed every 10 years for update
Responsible	<ul style="list-style-type: none"> QPRC BTCEC Committee expertise
Comments	Long term strategy to beautify and enhance Bungendore public realm



Bungendore Town Centre and Environs s355 Committee Priority of Works

3	<i>Historical Plaques</i>
Strategy	<ul style="list-style-type: none"> • Historical Plaques to be cast and placed in footpaths/walls around Bungendore CBD to describe important aspects/buildings of Bungendore's history. • Promote tourism to maximise the benefits of Bungendore's historic character. • Promote interest in local history
Methodology	<ul style="list-style-type: none"> • Engage Bungendore Heritage committee to provide research for key landmarks in Bungendore's history. • BTCEC and Heritage Committee to vet and decide key landmarks • Design/purchase and installation of non slip plaques in footpaths/and or existing building walls with brief description and image of historical landmark. • Q-Code or electronic option on plaque to enable mobile phones to open link to further information • 3D digital photo overlayed on current landscape to show what the landmark looked like in previous history on app
Benefits	<ul style="list-style-type: none"> • Tourism • History • Education
Cost	<ul style="list-style-type: none"> • \$2000 per plaque including installation (estimate 20 in first roll out) \$40,000 • Nil cost research with local Heritage Committee • \$30,000 to develop digital app
Responsible	QPRC Funding BTCEC project Management Heritage Committee Research



Bungendore Town Centre and Environs s355 Committee Priority of Works

4	<i>Street Banners</i>
Strategy	<ul style="list-style-type: none"> • Install street banners along key high streets • Provide vertical colour and movement • Rotate banner with season and event promotions • Key locations <ul style="list-style-type: none"> ○ At roundabouts (either in centre or on each corner) ○ Along key activity streets • Banners provide life in vertical activity to give the idea of movement. • Draw tourists from Malbon Street to Gibraltar Street
Methodology	<ul style="list-style-type: none"> • Install banner poles (hinged at base to provide easy banner changes) • Identify key avenue locations • Investigate smart poles with artwork such as rotating shroud with LED back lights activated by wind. • Engage with pole designer to seek options for vertical activation
Cost	<ul style="list-style-type: none"> • \$5,000 per pole including installation • Estimate 20 poles = \$100,000
Responsible	QPRC



Bungendore Town Centre and Environs s355 Committee Priority of Works

5	<i>Gibraltar Street Plantings</i>
Strategy	<ul style="list-style-type: none"> Removal of strappy Lomandra plants from roundabout verges and replacement with colour plantings Build on current colourful plantings in centre median and roundabout
Methodolgy	QPRC to remove existing plants and replace with colourful, low maintenance, drought hardy species ie. Carpet roses
Cost	\$10,000
Responsible	QPRC
Comments	Enhance Gibraltar Street with colour. The current median plantings look fantastic and we can build on these with low maintenance colourful plantings on blisters to complement current central planting.



Bungendore Town Centre and Environs s355 Committee Priority of Works

6	<i>Senior Living Compatible CBD</i>
Strategy	<ul style="list-style-type: none"> • Improve Bungendore CBD to be accessible for mobility and visually impaired senior users • Promote facilities for seniors to visit Bungendore and easily walk the CBD • Promote Bungendore as seniors living option
Methodology	<ul style="list-style-type: none"> • Audit and repair uneven, cracked, uneven and disjointed footpaths • Widen narrow footpaths to suit mobility scooters • Audit and install correct tactile indicators to Australian Standard requirements • Audit pram ramps • Consider installing formalised pedestrian crossing points for slower users • Promote Bungendore as seniors friendly town for tourism
Cost	\$50,000
Responsible	QPRC
Comments	Great opportunity to encourage down sizers to relocate from Canberra to Bungendore, Provide amenities and opportunity for aged living, seniors living and assisted living.



QUEANBEYAN-PALERANG REGIONAL COUNCIL

Council Meeting Attachment

23 JUNE 2021

ITEM 11.3 GREENWAYS S355 COMMITTEE MEETING MINUTES

ATTACHMENT 1 GREENWAYS S355 COMMITTEE MEETING MINUTES - 9
MARCH 2021

QPRC Greenways s.355 Committee

General Meeting

*Tuesday 9 March 2021
Bywong Community Hall
Birriwa Road, Bywong*

Minutes

Meeting opened at 20:00

1. Attendance

Committee: Kathy Handel (Chair, Landcare), Pete Harrison (Secretary), Maria Taylor, Bill Taylor

Apologies: Kerry Cox, Peter Evans

2. Minutes of Previous GM

a) Acceptance of the minutes from the GM of 8 December 2020

Moved: That the minutes be accepted

Moved/Seconded: BT/KH

Carried by all

b) Business arising from the minutes

Items carried forward from meeting of 10 March 2020

Action 4.2: KH/BT to identify additional locations for entry signs

2 additional locations identified: Clare Valley Place to Valley View Lane (Segment 8), each end

Action – **Complete**

Action 4.3: KH/BT/MT to identify way-finding sign locations and signage orientation and distribute to the Committee for verification

Action – **Superseded by Action 4.2 below**

Action 4.6: KH to contact GROW re works priorities

Feedback provided—relevant items already included in Major Works schedule

Action – **Complete**

Action 4.7: PH/KC to contact GGPC re works priorities

GGPC advise no projects identified at this time.

Action – **Complete**

Items carried forward from meeting of 8 December 2020

- Action 4.1: PH to update Major Works document as per discussion and any subsequent input from GROW or GGPC.
Document updated, circulated to committee members and submitted to Council with March meeting minutes.
Action – **Complete**
- Action 4.2: PH to confirm council-preferred numbering or other means of identification for multi-segment Greenways sections.
Council recommends that the Committee establish an appropriate naming convention and submit to council for inclusion in council's GIS map.
Action – **Complete**
- Action 4.3: PH to verify the boundaries of the part of Greenways Segment 4 below Denley Drive.
SIX Maps indicates, and council has confirmed that the entire length of this segment should be ~10m wide
Action – **Complete**

3. Treasurer's Report

No payments made since the last report.

Balance as of 9 March 2021: \$1,844.41

4. Other Business

a) Greenways Signage

Following from discussion under Item 2(b) above:

- Action 4.1:** PH to organise production and installation of entry signs on Clare Valley Place/Valley View Lane Greenway (Segment 8).
- Action 4.2:** KH/BT to determine location and required arrow orientations for internal way-finding signs and forward to PH to complete fabrication.
- Action 4.3:** PH to follow up action required to provide access to lower Denley Drive Greenway (Segment 4).

5. Next Meeting

Tuesday, 8 June 2021

Meeting closed at 20:55

Attachment: Assessment of Greenways Major Works [9 March 2021]

QUEANBEYAN-PALERANG REGIONAL COUNCIL

Council Meeting Attachment

23 JUNE 2021

ITEM 11.3 GREENWAYS S355 COMMITTEE MEETING MINUTES

ATTACHMENT 2 GREENWAYS S355 COMMITTEE ASSESMENT OF MAJOR
WORKS - 9 MARCH 2021

QPRC Greenways s.355 Committee

Assessment of Greenways Major Works

(Reviewed 9 March 2021)

Works are listed in recommended order of priority. Refer to Greenways Map below to locate sections.

Item 1

Section 6, north of 244 Weeroona Drive

- a) Two creek crossings, the second of which is almost completely washed out.

The worst section has eroded to the extent that the pathway is dangerous and probably needs to be closed. A temporary bypass needs to be identified in consultation with relevant user groups. Possible solutions to the problem of ongoing erosion require further investigation.

Item 2

Section 4, Greenway to Millpost Hill

- a) Thin scrubby regrowth to improve access from Hogan Drive.
- b) The section between Denley Drive and the intersection with Section 3 appears to be very narrow, less than 5m in parts—this segment should be ~10m wide along its entire length. The correct location of fencing may need to be verified.

Item 3

Section 3, Denley Dr to Section 4

- a) North of junction with Section 4. Three sections with serious mud, requiring users to go around—can we fill with gravel or should we re-route the track? Recommendation is to use bobcat to cut drains and fill swampy sections.

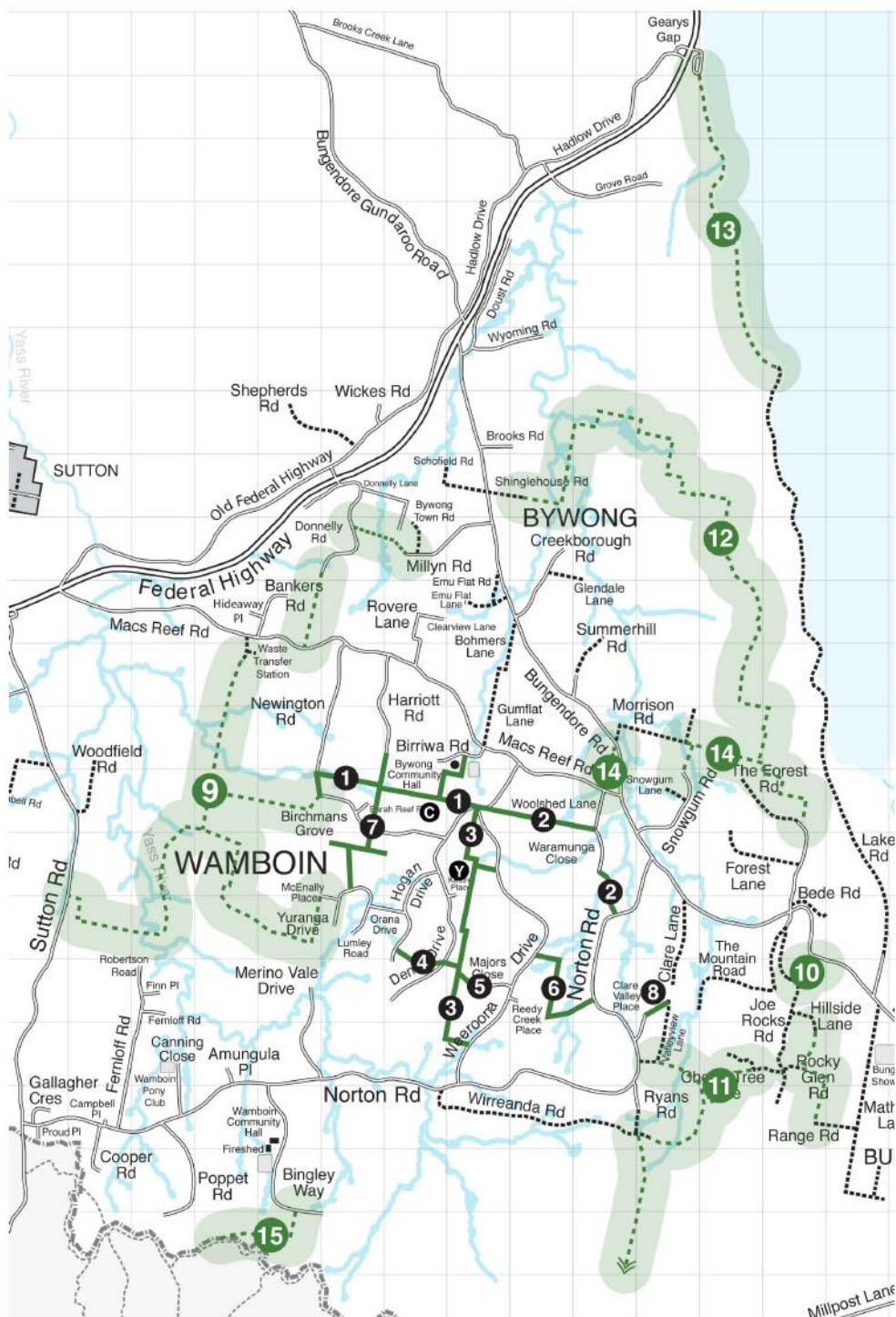
The narrow, eroded lower part of Section 4 could be the subject of a working bee (small number) plus a bobcat hired for a day. Cooperation of the neighbours on both sides will be sought. The plan is to bring in several loads of fill to divert runoff into the dam on the south side of the greenway. Probably not a major cost if we can get fill for free or low cost. The bobcat will reform the track. The bobcat will place some of the fill on swampy parts of Section 3, north of the intersection with Section 4, and will open up several drains to prevent water flowing down the track. The committee has adequate funds in its bank account to cover materials and bobcat hire.

Item 4

New Greenway (Section 2), Warramunga Close to Norton Road

- a) There are two boggy sections downhill from Warramunga Close that require an all weather passage. Consult with council on possible solutions that may already be in place in other [non-Greenway] locations.

Wamboin/Bywong Greenways Map



QUEANBEYAN-PALERANG REGIONAL COUNCIL

Council Meeting Attachment

23 JUNE 2021

ITEM 11.4 QUEANBEYAN SHOWGROUND ADVISORY COMMITTEE

ATTACHMENT 1 MINUTES OF QUEANBEYAN SHOWGROUND ADVISORY
COMMITTEE MEETING HELD 19 MARCH 2021

MINUTES - Queanbeyan Showground Advisory Committee Meeting

Date:	Friday 19 March 2021	Time:	11:30am	Venue:	Queanbeyan Showground
In Attendance:					
Members	Cr Trudy Taylor (Chair); Eddie Zarb; Connie Black; Kyol Booth-Hunt; Bob Beaver; Fred Monk; Sue Jarvis (left the meeting at 12:20pm); David Loft				
By Invitation	Mr Pat Gagel, President – Canberra Monaro N Scale Group (CMNSG); Mr Warwick Elliott – Vice President, CMNSG Mr Bill Lilley, Treasurer – QBN Show Society				
QPRC	Tim Geyer; Bill Maleganeas; Gayle Carey; Liz Brown				
Apologies:	Chris Jackson; Kim Holden; Bill Maleganeas				
Code of co-operation <div><div><div>1. Start on time and finish on time</div><div>2. Respect the Chair and direct all comments through the Chair</div><div>3. All participate and contribute – everyone is given the opportunity to voice their opinions</div><div>4. Use improvement tools that enhance meeting efficiency and effectiveness</div></div><div><div>5. Actively listen to what others have to say, seeking first to understand , then to be understood</div><div>6. Follow up on the actions for which you are assigned responsibility and complete them on time</div><div>7. Give and receive open and honest feedback in a constructive manner</div><div>8. Use data to make decisions (whenever possible)</div></div></div>					

No.	Item	Details	Who	Notes
1.	Confirmation of Minutes	Attached Minutes from previous meeting held on Monday 17 February 2020	Chair	Moved: Kyol Booth-Hunt Seconded: Fred Monk
2.	QSAC Membership	Current Membership: <ul style="list-style-type: none"> Two Councillors: Mayor and Cr Taylor Two representatives QBN Show Society: Eddie Zarb (President) + Connie Black (Secretary) One member Heritage Advisory Committee: David Loft <i>User Group Representatives consisting of:</i> <ul style="list-style-type: none"> QBN & District Historical Society (1 member) : Fred Monk Four user/community representatives: Kyol Booth-Hunt, Kim Holden, Bob Beaver, Sue Jarvis Aboriginal Representation (1 member): Vacant 	Chair	<ul style="list-style-type: none"> All QPRC committees will be reviewed after the Council election in September 2021. Eddie Zarb enquired about User Group Representatives on the committee also being members of the Show Society and whether this might be a conflict of interest. Cr Taylor and Tim Geyer advised that it is not uncommon for user or community representatives to also be members of other groups and at this stage it is not perceived to be a problem. However, should an individual believe they have a conflict of interest in an item on the agenda, they would declare that interest in accordance with the code of meeting practice.
3.	Nomination as an Aboriginal Place	Nothing further to report.	Tim Geyer	

No.	Item	Details	Who	Notes
4.	New Pavilion	Update on Development Application	Tim Geyer	<ul style="list-style-type: none"> Archaeological dig and report were completed last year. The report cannot be submitted to Heritage NSW until the Aboriginal Heritage Consultant completes the Cultural Values study. We have been chasing the consultant for the report. Once the report is finalised and received it will be submitted to Heritage NSW. We anticipate the DA will then be approved. In the meantime, quotes for construction of the building are being sought.
5.	Grant Funding for new Pavilion	Grant funding milestone dates have been extended following our request for extension. Refer notes column.	Tim Geyer	<ul style="list-style-type: none"> Milestone 2 new date – 20 Sep 2021: Concrete slab laid; 4 walls and roof are completed; windows and doors are installed. Milestone 3 new date – 30 Nov 2021: Associated access road/paths and landscaping are complete.
6.	Grandstand	All improvements are now complete.	Tim Geyer	<ul style="list-style-type: none"> Sue Jarvis requested an inspection of the men's and women's toilets under the Grandstand at the end of the meeting.
7.	Upcoming Bookings	Spreadsheet of bookings was provided.	Tim Geyer	<ul style="list-style-type: none"> Noted that the Showground is being well used by a variety of groups. Eddie Zarb suggested pre + post event inspections be introduced along with payment of a bond by users to ensure that user groups who cause damage & don't clean up after events can be held accountable. Tim Geyer to discuss with Urban Landscapes staff.
8.	Proposal by Canberra Monaro N Scale Group	<ol style="list-style-type: none"> A copy of the Report to Council dated 10 Feb 2021 detailing the CMNSG proposal was distributed with the Agenda. Council resolved to defer for further consultation with stakeholders per resolution PLA010/21 (copy previously provided). The Canberra Monaro N Scale Group letter dated 21 Feb 2021 addressing some of the concerns was distributed with the Agenda. 	Chair	<ul style="list-style-type: none"> Tim Geyer spoke about the CMNSG proposal, the report to Council and the Council resolution to engage in further consultation, which is being done in this forum. The proposed site for the shed was pointed out and Mr Geyer confirmed it is the same location upon which Council had proposed to construct a shed, which is part of the current DA for the Showground Pavilion. The CMNSG grant requires that their shed

No.	Item	Details	Who	Notes
				<p>be constructed on Crown Land so options are limited for that reason.</p> <ul style="list-style-type: none"> Mr Geyer invited Mr Gagel to speak about the proposal and for the committee to then provide feedback.
	Item 8 continued Canberra Model N Scale Group	<p>Mr Gagel.</p> <ul style="list-style-type: none"> Thanked the group for the opportunity to talk about their proposal. CMNSG is a not-for-profit group promoting N scale model railways in the ACT and surrounding region - current membership of 30 people. No current home and all equipment is stored in people's houses. Have been looking for a home in the ACT and have applied for funding but unsuccessful. Applied for NSW government grant to build a 30m x 12m shed in Queanbeyan - application was successful. Now looking for a suitable location to build the shed. Options to date have been Railway Park on Henderson Road - security in that location is a major concern so not considered suitable. Then negotiated to occupy the former building next to station, however it was burnt by vandals and demolished by John Holland. The QBN Showground was identified as a potential location and the CMNSG requested permission from Council to negotiate to occupy part of the Showground to build their shed – they are currently in that negotiating/discussion phase, talking to this group and trying to come up with a proposal that will satisfy everyone. Showground site would be ideal for CMNSG and the pavilion, when constructed, would provide opportunities for other events. Would like to try to address any concerns expressed by the Show Society and other users and talk through possible solutions – sees the concerns raised as manageable. 		
	Item 8 continued QBN Show Society	<p>Connie Black:</p> <ul style="list-style-type: none"> Council had previously advised the S/S that the shed to be constructed would be available for the S/S to store equipment - they were relying on that space. Not happy to now learn that the shed may not be built and instead the CMNSG shed could replace it. Also concerned that proposed location will block views into the Showground from Cooma St. <ul style="list-style-type: none"> Mr Gagel responded that if it can be done properly, the CMNSG would be willing to provide storage space within its building for the S/S and that the positioning of the shed can be re-worked to minimise any visual blockage to the site. Can the shed be used by other groups? <ul style="list-style-type: none"> Mr Gagel responded no because it's a permanent display and doesn't render for other groups, but can possibly use their meeting area. We use the area for the Yard Dogs. We use the area for sheep shelter, dog shelter and parking for the competitors. We have around 80 competitors. <p>Bill Lilley:</p>		

No.	Item	Details	Who	Notes
		<ul style="list-style-type: none"> Acknowledged the challenges the CMNSG was facing and congratulated them on receiving the grant. The proposed location for the CMNSG shed is where the S/S yard dog trials take place and the entirety of that space is used. In recent years the S/S has been unable to allow patrons of the Show to park their cars on the Showground due to lack of space. They do make available space for a disabled car park. If the model train proposal is accepted, the S/S would be forced to reassess a disabled carpark. The spirit of the legislation is that the S/S is the primary occupant of the land. Part of a speech delivered in June 1995 by Peter Cochrane (then MP) was read which included the words <i>“Although this Bill is designed to give legislative authority for the extended use of Queanbeyan Showground, I emphasise that the spirit of the bill provides for everlasting recognition of the Queanbeyan Show Society as the primary occupant of the land.”</i> The S/S is opposed to the CMNSG proposal for these reasons. <p>Tim Geyer:</p> <ul style="list-style-type: none"> The <i>Queanbeyan Showground Variation of Purposes ACT 1995</i> was repealed but is acknowledged within the Plan of Management and the PoM does honour the intent of the former legislation. There are other user groups that utilize the entire Showground, eg. 4WD Spectacular, Swap Meet etc, and many others that, while using a lesser space, do book exclusive use during their events. The Showground is Crown Reserve dedicated for “showground, public recreation and community purposes”. The PoM and management of the Showground are conducted in accordance with the Crown Lands Management Act and this dedication. The dedication of the land as community land is consistent with what Council is doing now and includes community uses. The current PoM was originally developed in 2000 and contains the access clause covering the S/S maximum two week period per annum. The plan has been reviewed a number of times and the various S/S representatives on the committee were part of the reviews. The PoM is due to be reviewed again and Council will be embarking on that work soon. It is a detailed process with significant community consultation and the PoM then goes to the Minister for adoption – it is quite a detailed process. <p>Eddie Zarb:</p> <ul style="list-style-type: none"> Concerned that if CMNSG is given permission to build their shed at the Showground, a precedent will be set for other groups getting similar grants in the future. Expressed frustration that the S/S has waited a long time for the pavilion and it seems now that the CMNSG is riding on the wave of the hard work done by others. 		

No.	Item	Details	Who	Notes
Item 8 continued Feedback from others		<ul style="list-style-type: none">David Loft: Would be helpful to see a drawing of the layout of the Showground during a Show. Kyol Booth-Hunt will email the drawing to Gayle Carey for distribution to QSAC members.Sue Jarvis: Would be wise for QSAC members to go away & think about the proposal before being requested to vote on it.		
9.	Other / General Business	Overflow Parking during QBN CBD construction works	Tim Geyer	<ul style="list-style-type: none">Mr Geyer presented a map showing a proposal by the project team working on the CBD construction works for alternative overflow parking at the Showground during the works.The committee considered the proposal and suggested that the parking area currently used for school drop-off & pick-up be separated and identified so continued availability for those users is maintained.If this was to proceed, assurances that the showground will be reinstated after the work is complete will be required.
10.	Site Walk	Maintenance Items	All	<p>A. Ramp on the floor in the men’s toilets under the Grandstand requires neon style strips painted along the top and bottom of the ramp to highlight visibility to users, enhancing user safety.</p> <p>B. Gate nearest the Grandstand into the arena needs repairing.</p> <p>C. Dripping tap at the back of the exterior wall in the Grandstand building behind the women’s toilets.</p> <p>D. Floor in poultry shed still getting flooded via sheep shed side.</p>
11.	Meeting End	The meeting concluded at 12:40pm		
Next Meeting: DATE TO BE ADVISED				

QUEANBEYAN-PALERANG REGIONAL COUNCIL

Council Meeting Attachment

23 JUNE 2021

ITEM 11.4 QUEANBEYAN SHOWGROUND ADVISORY COMMITTEE

ATTACHMENT 2 MINUTES OF QUEANBEYAN SHOWGROUND ADVISORY
COMMITTEE HELD 21 APRIL 2021

MINUTES - Queanbeyan Showground Advisory Extra-Ordinary Committee Meeting

Date:	Wednesday 21 April 2021	Time:	9.10am	Venue:	QPRC Committee Meeting Room
In Attendance:					
Members	Cr Trudy Taylor (Chair); Eddie Zarb; Connie Black; Kyol Booth-Hunt; Bob Beaver; David Loft; Sue Jarvis joined the meeting at 9.28am.				
By Invitation	Mr Warwick Elliott – Vice President Canberra Monaro N Scale Group (CMNSG), Mr Matthew Davies – Secretary CMNSG Mr Bill Lilley – Treasurer Queanbeyan Show Society				
QPRC	Tim Geyer; Bill Maleganeas				
Apologies:	Kim Holden; Fred Monk, Mr Pat Gagel – President CMNSG				
Code of co-operation <div><div><div>1. Start on time and finish on time</div><div>2. Respect the Chair and direct all comments through the Chair</div><div>3. All participate and contribute – everyone is given the opportunity to voice their opinions</div><div>4. Use improvement tools that enhance meeting efficiency and effectiveness</div></div><div><div>5. Actively listen to what others have to say, seeking first to understand , then to be understood</div><div>6. Follow up on the actions for which you are assigned responsibility and complete them on time</div><div>7. Give and receive open and honest feedback in a constructive manner</div><div>8. Use data to make decisions (whenever possible)</div></div></div>					

No.	Item	Details	Who	Notes
1.	Welcome and Introduction	Cr Taylor opened the meeting welcoming everyone and introducing the Committee. Cr Taylor then explained Council's Code of Meeting Practice and advised the guests and representatives of the Show Society would be asked to leave the meeting at the end of the presentations, citing conflict of interest	Chair	Mr Zarb expressed his disappointment that the Show Society representatives would need to leave the meeting and asked for his concern to be recorded.
2.	Proposal by Canberra Monaro N Scale Group	The CMNSG were invited to present their proposal and answers to earlier questions raised by Councillors and Committee members.	Matthew Davies	CMNSG believe the proposal will complement the Showground and cited several other showgrounds with Men's Sheds and one with an existing, 28 year, occupation of a model railway club. Attachment provided.

11.4 Queanbeyan Showground Advisory Committee
Attachment 2 - Minutes of Queanbeyan Showground Advisory Committee held 21 April 2021 (Continued)

	Show Society Presentation	Mr Lilley gave a presentation on the Show's long history and why the Show Society feels the proposal will have a detrimental effect on the Show. The Show Society was opposed to this proposal.	Bill Lilley	Mr Lilley gave an overview of the Queanbeyan Show and how the Society has grown this event over the past years. The Show Society advised they are not opposed to the CMNSG as a group but cannot fit them into the site without a negative impact on the Show itself. Ms Black added, the Show already had a model train club participating. Attachment. Mr Zarb reiterated his comment that the proposal will negatively impact the Show.
	Questions	All present were invited to asked questions from either group or from Council staff.		The question was asked if the shed is exclusive for the CMNSG only? The CMNSG confirmed that would generally be the case. The comment was made that if so, this would adversely affect the Show.
	Discussion	Both parties left the room and Cr Taylor opened the floor to discussion.		The Committee discussed the pros and cons of the project, weighing up the impact on the Show against community value. Ms Jarvis raised concern about impact on the Showman's Guild. Mr Beaver raised concerns about the facility being for an exclusive use and feels buildings should be multi-user facilities. Mr Loft said he felt the proposal was a good community use of the Showground for all year round, not just Show time. Ms Jarvis stated she was concerned about precedence and is opposed to the proposal as it stands.
	Committee Recommendation	That Council; 1 Not support the construction of a shed for a single use organisation, but consider a multi-use facility, subject to review of the floor plans. 2 Council seek legal advice on the matter of setting precedence.		
3.	Other Business	No other business was discussed.	Chair	
4.	Meeting End	The meeting concluded at 10.00am		

QUEANBEYAN-PALERANG REGIONAL COUNCIL

Council Meeting Attachment

23 JUNE 2021

ITEM 11.5 LOCAL TRAFFIC COMMITTEE 9 JUNE 2021

ATTACHMENT 1 LOCAL TRAFFIC COMMITTEE MINUTES 9 JUNE 2021

Present: Cr Mark Schweikert (QPRC Rep), Rob Tappley (NSW Police Rep), Kelly Cherry-Evans (TfNSW Rep), Nicole Brodie (TfNSW) Nathan Cooke, Rodney Stewart, Sara Wightman (partial), Melissa Aitcheson (partial), Joanne Wilson-Ridely, Derek Tooth (partial), Eli Ramsland (partial)

The Committee Recommends:

1. Apologies

N/A Ashley Meyer-Dilley (NSW State Member Rep)

2. Business Items

a) Event – Capital to Coast Footrace

Capital to Coast (C2C) is a 100km multi-staged trail race, from 27 August to 29 August 2021. It takes participants from Canberra (ACT) to Batemans Bay (NSW) over 27 to 29 August. The event consists of nine running stages. Six of the stages are in NSW. One stage is on QPRC lands.

RMS rep advised that review of this event has been passed to the TfNSW Special Events Team for assessment.

Council RSO advised that feedback from local residents indicate an increasing number of unfamiliar drivers are visiting the area and that they tend not to drive to the conditions, noting the 100km/h speed signage on an unsealed road and that they tend not to drive to the conditions. It was recommended that locals on the route be contacted and advised of the event and include more signage on Forbes Creek Road.

Police rep noted discrepancies with the Schedule 1 Form and do not support runners on the road unless it is sterilised from vehicular traffic and not open to road traffic. Also recommended that emergency phone service for the safety of event as there are black spots in reception in the area.

It was also recommended that the event be advertised in the 'Hoskintown Ewes' local paper to assist with broader communication of the proposed event.

LTC 22/2021 PROPOSED SOLUTION: Under Roads Act 1993 approve the event on the basis that the organised modifies the TMP to ensure the roads used are closed to traffic for the event, includes measures for emergency communications, advise residents on route about the event, provide additional signage and advertise the event in the local Hoskintown paper.

b) Event – Christmas in July, Queanbeyan Showground

QPRC intends to host the annual Christmas in July Markets at the Queanbeyan Showground on Sunday 11 July 2021. Christmas in July Markets has been conducted in the Queanbeyan Showground since 2016 and as the numbers have grown it was decided to create a Traffic Management plan in 2019 to help with access to patrons.

Certified traffic controllers are proposed to be engaged guiding access from surrounding streets and internal traffic management will be conducted by Queanbeyan West Rotary who will assist with access to over 250 vendors and over 5,000 visitors. The site will provide up to 300 parking spaces. Parking in surrounding carparks on neighboring roads will be encouraged and advertised.

The events officer advised that nightlight will be established on Cameron Road and that 3 marshals from Rotary will provide assistance. The LTC noted the Insurance policy will be expired and is to be renewed ahead of the event. Events team is to update the TMP to show nightline, separation of the vehicles and pedestrians and location of marshals.

The following temporary traffic control changes are requested from 7.00am to 5.00pm.

- No Right turn into Cooma Street from Cooma from Cooma Street showground driveway
- No Left turn from Cooma Street into Cooma Street showground driveway
- No right turn from Cameron Road to Canberra Avenue
- Temporary drop off and pick up only on Farrer Place parking bays

This plan worked very effectively in past years as there was an Entry only from Glebe Avenue and Exit only from Cooma Street. It also allowed safe access for pedestrians and closer parking for people with disabilities.

- **LTC 23/2021 PROPOSED SOLUTION: Under Roads Act 1993, approve the TMP for the Christmas in July Markets to be held in Queanbeyan Sunday 11 July 2021, on the provision the TMP is updated as recommended.**

c) Event - 400 in 4 Charity Bike Ride

The 400 in 4 Charity Ride is proposed to be staged over 4 consecutive days commencing on Monday 11th October 2021 at Huskisson NSW and finishing at Perisher Valley on Thursday 14th October 2021.

- Day 1; Coach to Huskisson then ride from Huskisson to Nerriga
- Day 2; Nerriga to Hume (ACT)
- Day 3; Hume (ACT) to Cooma
- Day 4; Cooma to Charlotte Pass
- Day 5; Coach return to Sydney

The Police LTC rep is unsupportive of the race event where held on roads not sterilized to traffic, and as the event crosses several LGA boundaries has referred the assessment of this event to the Police State Planning Unit.

The Committee noted that proposed roads have a history of crashes and fatalities involving vulnerable road users and are considered high risk.

The TfNSW rep has referred assessment of this event to the TfNSW Major Events team for review.

It was also noted that the timing of the event coincides with an increase of motorcycle riders through the areas as the attend the Phillip Island races.

- **LTC 24/2021 PROPOSED SOLUTION: Defer approval pending receipt of advice from the Police State Planning Unit and TfNSW Major Events Team.**

d) Aussie BBQ Festival – Queanbeyan Showground

Note: the LTC is unable to recommend this event due to the lateness of the submission, the event being originally planned for 5 June 2021. The event planning details should have been referred for assessment at the April 2021 LTC meeting.

The Organiser has been requested by the QPRC Events team to defer the event until September and that he better plan how to manage traffic, with the use of accredited traffic control plan provider.

The following feedback is given:

- Licencing (alcohol) when featuring at the event requires a higher level of control in the TMP
 - Does not support entry/exit points on the State Road, the exit to Farrer Place to be closed.
 - The TMP does not detail Traffic Control
 - The TMP to be designed by accredited persons and be presented in the correct format
 - If deferred to the September, a report and compliant TMP will be required for review and approval at the August 2021 LTC meeting.
-
- **LTC 25/2021 PROPOSED SOLUTION: Event not recommended for approval. The LTC provides feedback for future consideration should the event be rescheduled.**

e) Antill and Collet Intersection Changes

Council has applied for funding under the NSW Safer Roads Program to implement safety upgrades at the Collet St and Antill St intersection Queanbeyan. In view of crash data, the site was identified for improvements that enhance pedestrian and cyclist safety and improve sight distances for drivers.

The LTC recommended that the proposed changes be communicated to the Hospital.

- **LTC 26/2021 PROPOSED SOLUTION: Under the Road Transport Act 2013, approve the design for Collett Street and Antill Street intersection**

f) Bicentennial Drive Pedestrian Refuges

Council has received many requests from the community to investigate upgrades to assist pedestrians, especially school children, in crossing Bicentennial Drive near the intersection with Coral Drive. Pedestrians can find it challenging in crossing this road due to the speed and number of vehicles.

The proposed design features a pedestrian refuge to assist with a staged crossing to improve pedestrian safety.

Council is intending to nominate this project for funding for delivery in Jan-June 2022 period, subject to funds being available.

- **LTC 27/2021 PROPOSED SOLUTION: Under the Road Transport Act 2013, approve the design for the Bicentennial Drive pedestrian refuge and associated signage.**

g) Burra Road Off-Road Bus Stop

Council has been working with QCity to consolidate three informal bus stops on Burra Road into one safer centralised bus stop, that caters for parking for parents who drop off and pick up children. The new site has been prepared as part of the Burra Road upgrade and shall provide an off-road bus facility, located on Burra Road at the Intersection of London Bridge Road.

- **LTC 28/2021 PROPOSED SOLUTION:** Under the Road Transport Act 2013, approve the design for the off-Road Bus Stop on Burra Road near London Bridge Road.

h) Cooma Street Signage

Council has received a request to review the signage or the line marking on Cooma Street where the left lane ends after the traffic lights at OCR, ELP and EDE. For vehicles traveling north on OCR/Cooma Street the left lane ends shortly after the traffic lights and motorists are required to merge into the right through travel lane. Just before the marked lane ends there is a 'Form 1 Lane' sign which are normally used where there is a zipper merge, not a marked lane ending. To be clear with motorists on expected behaviour and to be consistent with standards, Council is proposing to remove the 'Form 1 Lane' sign and install 'Merge Right' signs. It is also noted that a couple of signs in this stretch are currently placed on light poles and it is proposed to relocate these signs to new stand-alone signposts.

- **LTC 29/2021 PROPOSED SOLUTION:** Under the Road Transport Act 2013, install the signage in Cooma Street as per the design.

i) Eaglehawk Parking Changes

The Federal Highway Service Road at Eaglehawk has experienced issues with illegal hoon driving especially around the time when Summernats in the ACT is held and ongoing late in the evening where vehicles park along the road to watch and film other drivers performing burnouts and circle work in the middle of the intersection. The behaviour is disruptive to the local businesses and has been challenging to manage for NSW Police as participants are well organised to communicate and disperse before police can attend the scene. There has also been WHS issues for police who have attended such as throwing rocks at police who attend.

Council has investigated options to prevent the behaviour and identified that the least expensive and preferred option is to establish parking restrictions with 'No Stopping' signage in the affected area. This will allow police attending to capture video surveillance of vehicles illegally parked by the roadside and issue parking fines to anyone attending.

It was noted that no consultation has been carried out yet with the businesses, and Police recommend that a timed 'No Stopping' be applied to limit the effect on the businesses with the parking restrictions applying from 7pm to 7am.

- **LTC 30/2021 PROPOSED SOLUTION:** Under the Road Transport Act 2013, pending favourable feedback through consultation with business in the area, including an adjusted design to provide timed parking restrictions (7pm to 7am), approve the parking restrictions as per the design.

j) Gordon and Champion Lane Parking Restrictions

Council has been experiencing access issues with Kerbside waste collection services in Gordon Lane and Champion Lane in Bungendore due to parked cars. These lanes are narrow and residents park in the laneways it impedes access for council's Garbage truck and disrupts efficient operations.

The LTC reviewed the design and recommended the affected residents be consulted, including the option to restrict parking on the bin collection days only.

- **LTC 31/2021 PROPOSED SOLUTION: Conduct consultation with the affected residents and re-submit design for approval.**

k) Gorman Drive School Zone, Googong

At the LTC meeting in April 2021, Council presented a report proposing a pedestrian crossing on Gorman Drive in Googong. The meeting recommended a wombat crossing be investigated to improve safety. Council revisited the location and investigated wombat crossings for both Rosa Street intersection and Beltana Drive intersection. The design for Beltana Street intersection would result in a significant loss of available area in the bus zone and this location doesn't service as many pedestrians nor doesn't link as easily into the school's pedestrian gates. Council recommends the preferred option is the Rosa Street location for the wombat crossing.

The Local Member Representative indicated via correspondence that he is very supportive of the Gorman drive School Zone Pedestrian crossing.

- **LTC 32/2021 PROPOSED SOLUTION: Under the Road Transport Act 2013 approve pedestrian crossing on Gorman Drive at Rosa Street intersection as per the design.**

l) Leon and Aprasia Avenue, Googong

Council has received complaints from residents about safety of some corners in Googong – Leon Street and Aprasia Avenue. The residents note the corners are sharp/tight bends and visibility is limited around the corner. Residents have reported near misses with vehicles driving around the corner in the middle of the road and requested council investigate to mitigate the risks.

Council investigated and is proposing to improve safety of the corners with installation of centre line-marking ensuring consistent approach is applied to similar road conditions in Googong.

- **LTC 33/2021 PROPOSED SOLUTION: Under the Road Transport Act 2013 approve line marking on Leon and Aprasia Avenue, Googong as per the designs**

m) Lowe Street Wombat Crossing, Queanbeyan

The NSW State Government identified the Pedestrian Crossing on Lowe Street, Queanbeyan could be considered for an upgrade under the Government's one-off Stimulus Road Safety Program that is aimed at targeting increases to pedestrian safety.

Council has produced a design to increase the safety of pedestrians at the Lowe Street crossing to include a wombat crossing and this design can be accommodated with no impact to existing parking and traffic movements.

- **LTC 34/2021 PROPOSED SOLUTION: Under the Road Transport Act 2013 upgrade the pedestrian crossing on Lowe Street to feature a wombat crossing as per the design.**

n) Snowgum Road Intersection Changes

Council has received reports of near misses at the Snowgum/Bungendore Road intersection for road users travelling south due to ambiguous line marking. It has been reported that drivers sometimes enter the left lane to allow faster vehicles to overtake, who then find that the left lane abruptly ends with no safe provision for the slow vehicle to re-enter the traffic flow.

The proposed design improves the intersection by shortening the length of the turning lane taper, revised lane marking and installation of 'Left Turn' pavement symbol markers to reinforce that the left-hand southbound lane is a turning lane only. The design also features hold line on Snowgum Road and BB line to guide road users when exiting Snowgum Road.

- **LTC 35/2021 PROPOSED SOLUTION: Under the Road Transport Act 2013 approve the intersection changes at the Snowgum/Bungendore Road intersection as per the design.**

3. General Business

Nil

4. Next Meeting

Tuesday 3 August 2021, the Committee Meeting Room, Crawford Street, Queanbeyan (to be confirmed).

Meeting closed 2.13pm

Recommendation

That Council resolve that:

1. **Note the minutes of the Local Traffic Committee Meeting held on 9 June 2021.**
2. **Adopt recommendations LTC 22/2021 to LTC 35/2021 from the meeting held on 9 June 2021.**

QUEANBEYAN-PALERANG REGIONAL COUNCIL

Council Meeting Attachment

23 JUNE 2021

ITEM 13.1 DELEGATES REPORT

ATTACHMENT 1 CR HARRISON'S SEATS MEETING REPORT - 13–14 MAY 2021

South East Australian Transport Strategy

Cr Harrison, SEATS Meeting, 13–14 May 2021

SEATS meetings provide information and updates, from Transport for NSW, Vic Roads, other relevant authorities and individual member councils, on significant projects that are either proposed or currently being undertaken in the corridor between Wollongong and Melbourne. This covers all modes of transport—road, rail, air and sea.

The TfNSW report again focused on works along the Princes Highway corridor (details provided in Attachment 1 to this Report).

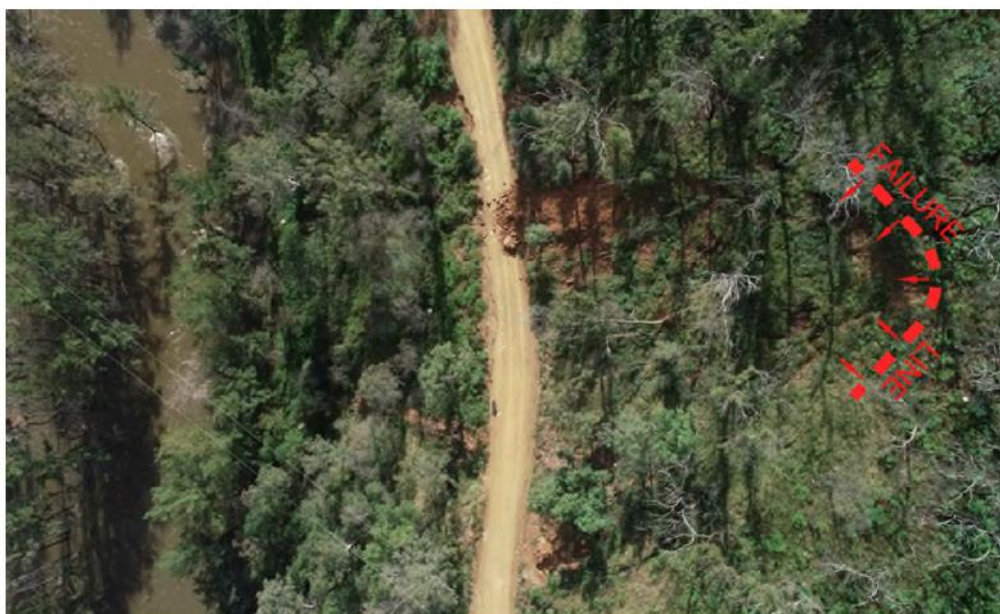
Of particular local interest was the report from Eurobodalla Shire Council (ESC) on the condition of Araluen Road. Things are moving quite quickly in relation to this matter, and already some of the information provided to the SEATS meeting (see Attachment 2 to this Report) has been superseded.

In addition to the information going out to residents via regular updates and media releases, ESC is providing up-to-date information through their website at:

Emergency road closures (<https://www.esc.nsw.gov.au/news-and-events/Roads-and-current-works/Emergency-road-closures>)

Restoring access - Araluen Road (<https://www.esc.nsw.gov.au/council/major-projects/current-projects/roads-and-bridges/restoring-access-araluen-road>)

The photograph below (at the '43km mark') provides some additional perspective on the problem. Note that the actual area of slippage is much greater than just the spill of debris onto the road and that, in addition to the material falling onto the road from above, the roadway itself is falling away below.



In addition to the regular updates from other member councils, the meeting included presentations on the logistics challenges being met by the Manildra Group, the largest independent flour miller in Australia, who operate the Shoalhaven Starches mill in Bomaderry, north of Nowra, and Gunlake Quarries, provider of bulk aggregates for the construction industry, who operate a hard rock quarry near Marulan and service the Greater Sydney region and down to the Southern Tablelands.

The meeting also included a tour of the Tribe Brewery in Goulburn. Being one of the largest craft brewers in Australia, the focus of the visit, as one might expect, was once again on the logistics associated with an operation that provides craft brewing services for clients throughout Australia.

More information can be found on the SEATS website at: <http://www.seats.org.au>.

Attachment 1: TfNSW Report SEATS May 2021.pdf

Attachment 2: ESC Araluen Road Briefing SEATS May 2021.pdf

QUEANBEYAN-PALERANG REGIONAL COUNCIL

Council Meeting Attachment

23 JUNE 2021

ITEM 13.1 DELEGATES REPORT

ATTACHMENT 2 SEATS REPORT - ATTACHMENT 1 - TFNSW REPORT SEATS
MAY 2021



SEATS REPORT

Transport for New South Wales South Region

May 2021





1 Summary

Transport for New South Wales has a number of transport infrastructure projects and programs being delivered that are outlined in this report. They include:

- Ten road proposals in development
- Five road projects currently under construction
- Rail projects
- Bus Programs

1.1 Road projects in development

- Princes Highway Upgrade Program
- M1 Princes Motorway improvements
- M1 Princes Motorway interchange at Mount Ousley
- Princes Highway and South Batemans Bay Link Road intersection project
- Marulan Highway Pavement Rehabilitation at Marulan
- Picton Road Upgrade

1.2 Road projects in construction

- Albion Park Rail bypass
- Berry to Bomaderry upgrade
- Nowra bridge
- Batemans Bay bridge
- Nelligen bridge replacement on the Kings Highway

1.3 Rail projects

- Kiama to Bomaderry
- Transport Access Program

1.4 Bus Programs

- 16 Regional Cities Services Improvement Program
- Transport Connected Bus Program



2 Road projects in development

2.1 Princes Highway Upgrade Program

Transport for New South Wales is planning upgrades along the Princes Highway between Jervis Bay Road and the Victorian border.

The Princes Highway Upgrade Program was officially launched on the 16 March 2020.

Projects in development under the Princes Highway Upgrade Program include;

- Jervis Bay Road and Princes Highway Intersection upgrade at Falls Creek
- Duplication sections of the Princes Highway between Jervis Bay Road and Sussex Inlet Road
- Milton Ulladulla bypass project
- Upgrades of the Princes Highway between Burrill Lake and Batemans Bay
- Moruya bypass

On the 25 November the Princes Highway Strategic Roadmap 2040 was released as well as announcements of a preferred option on the Jervis Bay Road intersection upgrade and preferred strategic corridors for the Jervis Bay Road to Sussex Inlet Road upgrade and the Milton Ulladulla bypass project. Consultation closed 20 December 2020 for the Jervis Bay Road intersection upgrade and Jervis Bay Road to Sussex Inlet Road upgrade projects. Community consultation was extended for the Milton Ulladulla bypass project and closes 14 February 2021.

The Federal Government has committed a further \$100 million for the construction of the Jervis Bay Road intersection project and \$400 million for upgrading a section of the Princes Highway between Jervis Bay Road and Sussex Inlet Road in addition to the \$400 million committed for the construction of the Milton Ulladulla bypass project.



<https://princeshighway.nsw.gov.au/tfnsw/phu>

2.2 M1 Princes Motorway improvements between Picton Road and Bulli Tops

Transport for New South Wales is planning upgrades to the M1 Princes Motorway between Picton Road and Bulli Tops. The upgrades will improve road safety, travel times and efficiency.

The detailed design work for stage one improvements on the M1 Princes Motorway between Picton Road and Bulli Tops has been completed.

There have been no major changes since the concept design was displayed.

We will continue to keep the community and stakeholders informed as the project progresses.

A review of environmental factors for Stage 1 of the project between Picton Road and Bellambi Creek was exhibited in December 2016. In June 2017, a Submissions Report was published in response to the display of the environmental assessment for the first stage of the project.

<https://roads-waterways.transport.nsw.gov.au/projects/m1-princes-motorway/picton-road-bulli-tops/index.html>



2.3 M1 Princes Motorway interchange at Mount Ousley

Transport for New South Wales is planning for an interchange on the M1 Princes Motorway at the base of Mount Ousley. The project would replace the existing at grade intersection of the M1 and Mount Ousley Road.

The NSW Government has committed \$21 million to continue planning and development for the Mount Ousley interchange. This will include detailed design, utility service investigations, further environmental assessment and property acquisition.

The interchange will replace the existing intersection of the Princes Motorway and Mount Ousley Road, which currently experiences long queues and delays during peak periods.

This project will improve safety for both light and heavy vehicles, provide for future traffic growth, improve access and travel time to and from the Princes Motorway and the Wollongong CBD and increase safety for both light and heavy vehicles.

The Federal Government has committed a further \$240 million towards construction of the project.



<https://roads-waterways.transport.nsw.gov.au/projects/m1-princes-motorway/m1-interchange/index.html>

2.4 South Batemans Bay Link Road project

Transport for New South Wales is planning for a safe and efficient connection between the South Batemans Bay Link Road and the Princes Highway.

The project will take pressure off Beach Road, relieve congestion in the Batemans Bay CBD and support future growth.

Transport for NSW is progressing with the detailed design following the release of a submissions report in August 2020 which summarises the feedback and responds to all issues received during the public display of the REF.

Pavement investigations and geotechnical work will be carried out between 17 and 26 May 2021.



<https://roads-waterways.transport.nsw.gov.au/projects/south-batemans-bay-link-road/index.html>



2.5 Hume Highway Pavement Rehabilitation at Marulan

The Australian and NSW governments have provided \$35 million to replace sections of the concrete pavement surface on the Hume Highway at Marulan.

Work on the project is progressing and in late 2020 Transport for NSW engaged local company, Divall's Earthmoving and Bulk Haulage, to recycle the old road surface so it can be used in the project.

We are working with Goulburn Mulwaree Council and the Environment Protection Agency to finalise planning and approvals.

Work on a series of crossovers at Marulan started in early May. The crossovers will play an important role in the safety of road workers and motorists when the planned rehabilitation work will take place. The crossovers are expected to be completed by the end of July, weather permitting.

The pavement rehabilitation work is expected to start later this year.

<https://roads-waterways.transport.nsw.gov.au/projects/marulan-bypass/marulan-bypass-pavement-rehabilitation/index.html>

2.6 Picton Road Upgrade

Transport for NSW and the Department of Planning are working together to identify priorities and further potential improvements along the Picton Road corridor including safety improvements and capacity upgrades.

The NSW Government has committed \$44 million to complete the strategic business case, concept design, environmental assessment and planning approvals and commence the detailed design of the upgrade.



3 Projects in construction

3.1 Albion Park Rail bypass, Princes Highway

Transport for New South Wales is upgrading the M1 Princes Motorway between Yallah and Oak Flats to bypass Albion Park Rail. The bypass would complete the 'missing link' for a high standard road between Sydney and Bomaderry.

In July 2018, the design and construct contract for the Albion Park Rail bypass was awarded to Fulton Hogan.

Work since November 2020 has included:

- building pavement, laying asphalt and line marking
- drainage, signage, street lighting, traffic signals and barriers
- opening another section of the East West Link
- installing the traffic lights on the new East West Link
- installing the last 31 bridge planks on the project.

In the coming months we will be:

- completing work on the 13 bridges
- continuing with pavement construction, laying asphalt and line marking
- building the shared paths
- repairing the road pavement on a section of Croome Road
- completing the noise mound along the new motorway between Croome Road and Durgadin Drive
- asphaltting and installing traffic signals on the Oak Flats interchange
- continuing drainage, signage, street lighting, traffic signals and barriers
- continuing with landscaping and revegetating.

In the coming weeks, a section of the motorway between Yallah and Albion Park will open in a temporary arrangement. This section of the motorway will only provide access to and from Albion Park as we continue work on the bypass at the southern end of the project.

Construction of the bypass is expected to be completed from mid-2021, weather permitting.



<https://roads-waterways.transport.nsw.gov.au/projects/albion-park-rail-bypass/index.html>



3.2 Berry to Bomaderry Upgrade, Princes Highway

Transport for New South Wales is upgrading the Princes Highway between Berry and Bomaderry. The \$450 million project will improve safety, increase road capacity, improve traffic flow and deliver better and more reliable journeys on this section of the highway.

The construction contract for the highway upgrade project was awarded to Downer/ Seymour Whyte Joint Venture and major work started in September 2018.

Four lanes of new divided road between Mullers Lane at Berry and the Cambewarra Road roundabout at Bomaderry will be built.

Changes to the Strong's Road and Jaspers Brush Road intersections have been made to allow us to complete construction of this section of the project.

The new overpass at Strong's Road connects with Jaspers Brush Road. At the same time Jaspers Brush Road will open in its new alignment.

The project is scheduled for completion in 2022.



<https://roads-waterways.transport.nsw.gov.au/projects/berry-to-bomaderry/index.html>

3.3 Nowra Bridge, Princes Highway

The NSW and Australian Governments are funding a new four lane bridge over the Shoalhaven River, upgraded intersections and additional lanes on the Princes Highway.

The \$342 million project will improve traffic flow and ease congestion on a major section of the Princes Highway and deliver safer and more reliable journeys within the Nowra-Bomaderry area.

Major work on the Nowra Bridge project officially started with a turning of the first sod on 19 June 2020.

Major work is now underway and has included;

- Utility relocations
- Continuing earthworks for the new local road connecting to Lyrebird Drive
- Piling in the casting yard and on the rock platform
- Removing material including rock from the work area near Illaroo Road
- Removing median islands, installing barriers and moving traffic to allow work to progress

Work over the coming months will include:

- Continuing utility relocations, work on the new local road connecting to Lyrebird Drive and removal of material at Illaroo Road
- Continuing with piling on the rock platform and moving into the Shoalhaven River for the new bridge piers
- Installing the pile caps and building the piers
- Installing the launch nose



- Implementing new and innovative traffic control devices to improve the safety of workers near traffic
- Building the piling platform for Bomaderry Creek bridge work.

Major work started in mid 2020 and the project is expected to be complete by mid 2024.



<https://roads-waterways.transport.nsw.gov.au/projects/nowra-bridges-shoalhaven-river/index.html>

3.4 Batemans Bay Bridge

The \$274 million project will build better connections in and around Batemans Bay for transport customers.

Major work started in early 2019 and is planned to be complete in early 2023.

A major milestone was achieved in March 2021 with the opening of two lanes of traffic on the western side of the bridge with one lane in each direction.

Major work planned over the coming months include:

- completing bridge pavement, line marking and placement of temporary barriers
- temporarily closing Wharf Road to construct final Wharf Road off-ramp from the Princes Highway
- continuing work on the northern and southern foreshore upgrade
- continuing southern and northern tie-in work to allow four lanes on the new bridge
- starting construction of the new L shaped pontoon to improve access to the Clyde River
- demolition of the old bridge.



<https://roads-waterways.transport.nsw.gov.au/projects/batemans-bay-bridge/index.html>



3.5 Nelligen Bridge replacement, Kings Highway

Transport for New South Wales is planning to replace the existing Nelligen Bridge with a new bridge upstream to ensure a safe and reliable crossing on the Clyde River, and to improve road safety and traffic efficiency on the Kings Highway.

In December 2020, Seymour Whyte Constructions was announced the successful tenderer for the construction of the project.

Major construction started in late February with the establishment of the site.

Tree removal, vegetation clearing and earthworks will be carried out between Wharf Road and the southern end of Thule Road commenced in May and will continue through to July, weather permitting.

The new bridge is expected to be open to traffic by late-2023.



<https://roads-waterways.transport.nsw.gov.au/projects/nelligen-bridge/index.html>



4 Rail Projects

4.1 Kiama to Bomaderry

Planning is underway to build a crossing loop near Toolijooa, which will duplicate some of the rail line between Berry and Gerringong.

In the future, this will mean more frequent services for South Coast customers, as trains will be able to pass each other between Kiama and Bomaderry.

An additional platform is also planned at Bomaderry Station so that a train can arrive before another departs.

4.2 Transport Access Program

The Transport Access Program is an initiative to provide a better experience for public transport customers by delivering accessible, modern, secure and integrated transport infrastructure.

Key benefits of the program include;

- Stations that are accessible to people with a disability, limited mobility and parents with prams
- Modern buildings and facilities for all modes that meet the needs of a growing population
- Modern interchanges that support an integrated network and allow seamless transfers between all modes for all customers.

Planning is underway for an accessibility upgrade at the following locations;

- Bellambi Station
- Dapto Station
- Moss Vale Station
- Queanbeyan Station
- Unanderra Station

Construction is underway for an accessibility upgrade at the following locations;

- Goulburn Station
- Towradgi Station



<https://www.transport.nsw.gov.au/projects-tap>



5 Bus Programs

5.1 16 Regional Cities Services Improvement Program

The NSW Government is rolling out the 16 Regional Cities Services Improvement Program to better meet customer travel needs and deliver on integrated, multi-modal, end to end journeys.

The regional cities include;

- Nowra – Bomaderry
- Queanbeyan

<https://www.transport.nsw.gov.au/projects/programs/16-regional-cities-services-improvement-program>

5.2 Transport Connected Bus Program

The Transport Connected Bus (TCB) Program is delivering state-of-the-art vehicle tracking and automatic passenger counting technology across contracted buses in rural and regional NSW. This technology provides customers with real time trip information and is also providing TfNSW and bus operators with access to more accurate data and tools to improve services and keep buses running on time.

Phase 1 of the program went live in July 2020, delivering real-time information for around 300 connected buses across more than 430 regular and school services in Bega, Dubbo and Coffs Harbour.

The Phase 2 Technology Rollout is currently underway. In partnership with regional NSW bus operators, the installation of the vehicle tracking and automatic passenger counting technology has now been completed across Queanbeyan, Wagga Wagga and Tweed Heads.

<https://www.transport.nsw.gov.au/projects/current-projects/transport-connected-bus-program>

QUEANBEYAN-PALERANG REGIONAL COUNCIL

Council Meeting Attachment

23 JUNE 2021

ITEM 13.1 DELEGATES REPORT

ATTACHMENT 3 SEATS REPORT - ATTACHMENT 2 - ESC ARALUEN ROAD
BRIEFING SEATS MAY 2021

Natural Disaster Update Araluen Road 11 May 2021



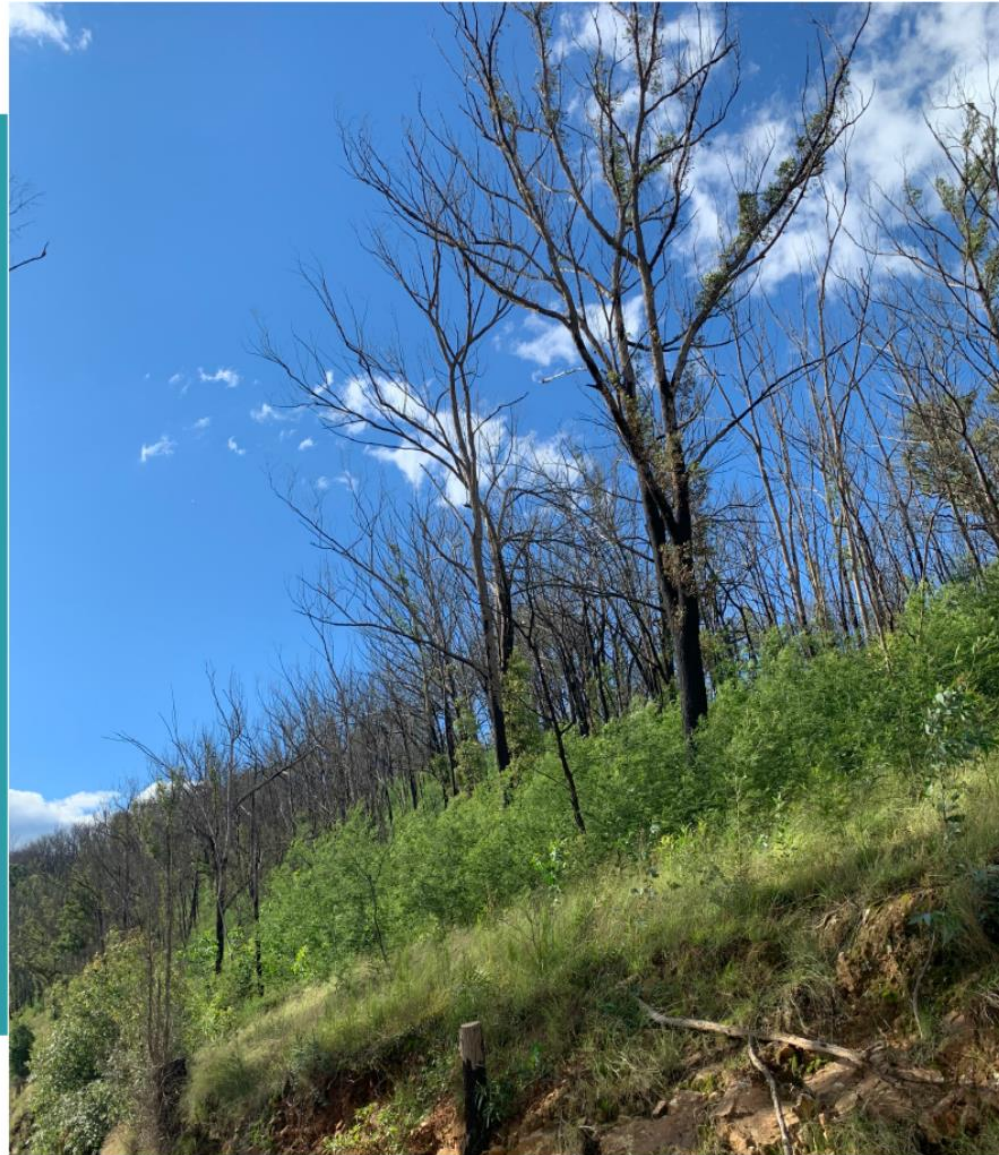
Overview of Araluen road with typical examples of damage



Araluen Road
Additional instability at
23km mark. Protected
fenced area being
expanded this week.
Additional signage on
detour route via Mount
Wandera being installed.
Resheeting of alternate
route being planned
around weather.



Araluen Road
Extensive tree death in the
forest with a thicket of
wattle regrowth near the
43km mark



Araluen Road
(approximately
43km mark) and natural



Araluen Road
New uphill landslide
approximately at 43km
mark.
Additional downside
activity and slumping.
Geotech inspection,
drone survey,
land survey,
interim works to re-open
with 5 tonne load
limit, long term repairs,
sealing this section,
residual risk



Questions?



QUEANBEYAN-PALERANG REGIONAL COUNCIL

Council Meeting Attachment

23 JUNE 2021

ITEM 14.1 RESPONSES TO COUNCILLORS' QUESTIONS

ATTACHMENT 1 RESPONSES TO COUNCILLORS QUESTIONS

QPRC COUNCILLORS' QUESTIONS

No.	Date rec'd	Question / Request	Responsible staff	Response	Date of reply	COMPL Y/N
327	16/6/21	Cr Winchester advised there have been some comments on social media regarding work occurring next to the privately owned carpark in Jerrabomberra, that is next to the Edwin Land Parkway. There is some sort of fencing being erected to stop vehicles from parking next to the ELP and walking through to the shops. Is it a council project, if so, what is the intent of the fence.	Service Manager Transport and Program Coordinator CBD and Horticulture	Urban Landscapes Team are installing bollards to stop heavy vehicles from parking on the verge at the back of the houses causing dust and amenity issues. Long vehicle parking will still be possible on the shoulder of the road, rather than on the grassed verge area. <u>Update:</u> There had been severe dust issues and complaints from adjacent residents each time a truck or vehicle pulled up; privacy issues from large trucks peering into private property and residences; serious compaction of the soil and surrounds causing erosion issues; grass coverage has been totally eliminated, dieback from the large endemic trees onsite; and safety with entrance and exit from the site. Staff have installed the bollards 5m from the Fog Line of the road's edge, measuring 150m in length. While this hasn't been identified as 'official' parking, enough space has been left for truck drivers to pull over and take a rest if need be. Further rehabilitation of the site will happen over the coming months including mulching of the site, or top dressing with soil and reseeded.	17/6/21	Y
326	15/6/21	Cr Marshall advised that there was social media commentary after unexpected fireworks displays on the Queen's Birthday weekend. He asked about the notification and what is done with that notification i.e. is it ever objected to or any conditions imposed. Cr Marshall asked if there any obstacles to Council publicising upcoming fireworks, to allow neighbours with animals to prepare, or would this need a Council resolution.	Portfolio GM Natural and Built Character	Council has a process in place for dealing with fireworks applications. A more detailed response will be provided within the next week.	16/6/21	N

325	15/6/21	Cr Marshall advised that the potholes on Captains Flat Road are bad, as are the potholes and broken surface on Cooma Road, especially from about 10km south of Braidwood.	Portfolio GM Community Connections	Repairs have been scheduled.	17/06/21	Y
324	10/6/21	Cr Winchester raised several questions on behalf of a resident relating to the "Review of Determination No REV 2021 1000 121 Wallace Street Braidwood"	Portfolio GM Natural and Built Character	<p>The DA submitted for review is not the same as the DA refused by Council.</p> <p>This is fairly normal with a review because the applicant usually submits plans that attempt to mitigate the reasons Council refused the application in the first place. Otherwise, as you say, it would be difficult to understand how Council would reach a different decision.</p> <p>In this case one building has been removed and another has been reduced in size. As a result the proposed development now has a smaller footprint than the original application and the buildings are of less bulk and scale.</p> <p>Once the notification period is over and the plans are reassessed the application will come back before Council for determination.</p>	16/06/21	Y
323	5/6/21	Cr Marshall advised there is considerable gossip and disquiet in Captains Flat about future access to the lands adjoining the Captains Flat Dam. It is claimed that the land between the dam and Braidwood Road has been the subject of a successful Native Title Claim, and that the Aboriginal Lands Council (ALC) plans to close off public access. Similar claims are being made about land at the north end of Foxlow St. Cr Marshall has not heard the same about the land between the dam and Jerangle Road, but it also seems to be Crown Land. He stated that combined with the lead issues, there is much muttering, verging on paranoia, and with more than a hint of racism. He asked if there is anything council can do to inform the public; also about council's access to the dam, and emergency services access.	Service Mgr Customer and Communi- cations	<p>Notwithstanding the update provided to Councillors over the past two weeks in the Councillors' Catch, this matter on ALC hadn't been covered and has been the subject to social media chatter.</p> <p>Discussions have been held with Crown Lands regarding social media assertions of the LALC assuming and fencing lands. NSW Crown and Legacy Mines are minimizing public exposure to risk by securing access to contaminated crown sites, in some cases through fencing. The agencies will expand the communications with the Captains Flat community.</p> <p>A further update direct to the Community Association will be provided.</p>		N

322	5/6/21	<p>Cr Marshall advised he has received complaints from residents that the "Greenway" or walking tracks have been closed by the developer. I don't know how formal those paths were. Can you please get a response from the relevant area of Council?</p> <p>Cr Marshall is also yet to hear from a single resident who was notified of the development application. Whether or not letters were sent or received, this is a major problem for public perception of and trust in QPRC.</p>	Service Mgr Urban Landscapes and Service Mgr Development	To be invetsigated		N
321	4/6/21	<p>Cr Winchester asked why the Wright Park facilities upgrade has not even been mentioned as a proposed project for the Stronger Country Communities Fund, while other sporting related upgrades, that have NOT been endorsed by the Sports Council, nor even the Sports Facilities Strategic Plan, have been included.</p>	Service Manager Urban Landscapes	<p>Due to key staff being on leave, the Wright Park Project was inadvertently missed from the list. Wright Park was resolved by Council on 9 June as Priority 2</p> <p>A report to the 23 June meeting, suggests bring that project forward in the listing.</p>	8/6/21	Y
320	30/11/20	<p>Cr Marshall passed on a complaint about the use of a driveway/track from the Kings Highway which is about 1km east of the QBN/Captains Flat Road intersection.</p> <p>The complainant had an interaction with another driver who turned right into that track/driveway from the eastbound lane of the Kings Highway, in what the complainant believes was a dangerous manner. They believe that track/driveway should not be in use, for safety reasons.</p> <p>The track has a farm gate on it, which is open, and the track looks quite well-maintained, suggesting it is not just in occasional use. If the gate were closed, even if not locked, it would inspire more confidence that it is only used occasionally.</p>	Portfolio GM Community Connections	<p>It appears that, from a Council perspective, there are no records of the property having a second access from the Kings Highway.</p> <p>Staff have sent TfNSW a number of emails requesting information from them about any recorded property access from the Kings Highway but have not received a helpful response to date.</p> <p>The matter is being followed up.</p>	7/6/21	N

319	10/5/21	Cr Marshall advised that he had recently become a user of the Widgiewa Road "bus interchange" at Carwoola. There is a formal bus stop with layby and bus shelter on Captains Flat Road at the intersection with Widgiewa Road. Although there is no bus shelter or layby on the other side of Captains Flat Road, Cr Marshall understands that school buses drop children there. Parents/guardians wait for their children so in the afternoons several cars are parked there. Mornings tend to be more "drop and go". Also across Captains Flat Road there is an area that is used by the smaller school buses to wait for passengers. Turning right into this bus interchange from Captains Flat Road, and turning right from it into Captains Flat Road, are both fraught because of poor sightlines, the traffic for both bus stops, linemarking on the road which doesn't support against these movements (there's a right-turn lane into Widgiewa Road, that is used as a right-turn lane into the bus "interchange" causing driving on the wrong side of the road).	Portfolio GM Community Connections	Staff have been working with the bus companies over safety issues at this location for some time. Safe systems have been developed with the drivers by the bus companies and continued feedback from parents and users will help them deal with other safety issues as they arise. There are not any alternatives at this stage. Council staff will continue to work with the bus operators to improve this site.	17/06/21	Y
318	3/6/21	Cr Winchester has received a query from a parent at QBN East regarding the planned school holiday program at the indoor centre as to whether there was anything planned for July school holidays, or is this too close to the changeover so won't occur these holidays.	Portfolio GM Community Choice	The changeover to PCYC has been delayed. As a result, Council will run the usual school holiday program in July.	17/06/21	Y
317	31/5/21	Cr Winchester advised that the group who manage the SleepBus are looking for somewhere for it to be housed during the day, as apparently Seiffert Oval carpark is no longer an option.	Portfolio GM Community Choice	The Community Coordinator is liaising with the management of the Sleepbus. The arrangements the provider had formerly set in place were no longer available to him. Seiffert Oval is still an option for housing the bus during the day.	17/06/21	Y

316	31/5/21	Cr Winchester advised he had been approached regarding the repairs required at the Captains Flat Miners Memorial. It appears that the perspex or plastic that has been used needs to be replaced. There is no vandalism, it just was a poor job done originally (21 years ago).	Service Manager Urban Landscapes	This has been referred to relevant staff who will schedule refurbishment.	31/5/21	Y
315	31/5/21	Cr Winchester advised that he had met with representatives from the Braidwood Community Association representatives on Friday and they mentioned the current access to the disabled toilet at Ryrie Park. He asked how we can go about changing the way people access the disabled toilet. At present, entry is via the men's toilet (which appears to be permanently propped open).	Service Manager Urban Landscapes and Project Coordinator Projects and Technical	Staff will contact the builder to see if the proposed works are possible and will get back with an update. As also discussed with BCA there seems to be no reason why a baby change table could not be installed in the ladies' toilets as requested and will be tasked to Council's building maintenance staff.	31/5/21	N
311	17/5/21	Cr Overall passed on a query from the Queanbeyan Art Society about the availability of previous grant funding for capital works on their building.	Portfolio GM Community Choice and Service Manager Business and Innovation	The matter was included in the report to Council on 9 June for funding under SCCF Round 4, with the proposal referred to future rounds by resolution.	17/06/21	Y
308	7/5/21	Cr Marshall asked what Council has done with the funds from the sale of Southern Phone.	CFO	The proceeds of sale have been placed in reserve.		Y
306	6/5/21	Cr Winchester referred a number of issues raised by a ratepayer about managing road noise at the Woolworths end of Edwin Land Parkway; Council's immediate and future plans for noise abatement; and response times to enquiries as stated in Council's Service Charter.	Portfolio GM Community Connections	A reply is being prepared.	16/6/21	N
305	6/5/21	Cr Brown asked for a copy of the original agreement between JEL and the former QCC covering the original Jerrabomberra development more than 30 years ago.	Portfolio GM Natural and Built Character	Several staff conducted extensive searches for the document but could not locate it. It may be an agreement between the developers and community while the suburb was being constructed, but no subsequent agreement rests with Council. The JRA may apply for a rental rebate per policy.	17/5/21	Y

76	26/04/18	Cr Schweikert requested a discussion be held on fencing regulations in the LEP when residential land abuts rural land.	Service Mgr Land- Use Planning	<p>The PGM Natural and Built Character has recently clarified the background in regard to the requirements for an rural style type of rear fencing in the case of Mecca Lane, Bungendore, a situation that might have prompted this request. In this case the reason for limiting rear fencing to rural type fencing was to reduce the visual impact of development, particularly when viewed from the Kings Highway travelling west. In this case it was also to be used in conjunction with a landscape buffer. This reasoning is also likely to apply to other cases where residential land abuts rural land. Nevertheless this approach can be further considered when the Palerang Development Control Plan 2014 and the Queanbeyan Development Control Plan 2012 are combined into a Queanbeyan-Palerang Development Control Plan.</p> <p>Also it needs to be noted that certain types of fencing in certain rural zones, environmental protection zones and Zone R5 are exempt development if it meets the development standards of Subdivision 18 of <i>State Environmental Planning Policy (Exempt and Complying Development Codes) 2008</i>.</p>	12/5/21	Y
----	----------	--	---	--	---------	---