



QUEENSLAND FARMERS' FEDERATION

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28 February 2020

Hon Dr Anthony Lynham
Minister for Natural Resources, Mines and Energy
1 William Street
BRISBANE
QLD 4000

By email: nrm@ministerial.qld.gov.au

Dear Minister Lynham

Re: QCA Irrigation price investigation 2020-24 (February 2020)

The Queensland Farmers' Federation (QFF) is the united voice of agriculture in Queensland. It is a federation that represents the interests of peak state and national agriculture industry organisations, which in turn collectively represent more than 13,000 farmers across the state. QFF engages in a broad range of economic, social, environmental and regional issues of strategic importance to the productivity, sustainability and growth of the agricultural sector. QFF's mission is to secure a strong and sustainable future for Queensland farmers by representing the common interests of our member organisations:

- CANEGROWERS
- Cotton Australia
- Growcom
- Nursery & Garden Industry Queensland (NGIQ)
- Queensland Chicken Growers Association (QCGA)
- Queensland Dairyfarmers' Organisation (QDO)
- Australian Cane Farmers Association (ACFA)
- Pork Queensland Inc.
- Queensland United Egg Producers (QUEP)
- Queensland Chicken Meat Council (QCMC)
- Bundaberg Regional Irrigators Group (BRIG)
- Burdekin River Irrigation Area Irrigators Ltd (BRIA)
- Central Downs Irrigators Ltd (CDIL)
- Fairbairn Irrigation Network Ltd
- Mallowa Irrigation Ltd
- Pioneer Valley Water Cooperative Ltd (PV Water)
- Theodore Water Pty Ltd.

QFF is highly concerned about the figures and assumptions contained within the QCA Irrigation Price Investigation report. We do not believe that the QCA has considered irrigators capacity to pay nor correctly apportioned dam safety costs. We were also disappointed that the report failed to consider the electricity prices pass-through mechanism designed collaboratively with Sunwater and growers. We provide this submission without prejudice to any additional submission from our members or individual farmers.

The united voice of intensive, semi-intensive and irrigated agriculture



Approach to pricing

One of the key objectives of the governments water pricing policy is that prices should increase gradually until they reach a cost-reflective level.

To simplify the terms, the level of cost recovery that underpins the pricing framework outlined in the QCA report is referred to as *'the lower bound cost target'*. However, although the lower bound prices are referred to as being *'cost-reflective'* they still involve subsidies from the taxpayer, as the water businesses are apparently not earning a return on or recovering the costs of the initial investment in the existing assets.

Lower Bound prices

The lower bound prices reflect the QCA's recommendations on the apportionment of fixed and variable costs. Within the lower bound prices, the allocation of bulk WSS costs to customer priority groups, particularly in respect of the IGEM review costs (although a minimal component of costs), dam safety upgrades capex and insurance costs were reassessed. The QCA has assessed these costs to be asset-related rather than service-related, and as such the costs were allocated using the headworks utilisation factor (HUF).

If the QCA has assessed this cost to be asset related, rather than service related, dam safety costs should be borne by the government and whole community not a small percentage of users based on their usage requirement regardless of the determination of the dam. A dam is a service to the community as a whole and not an asset owned by irrigators and therefore not the responsibility of irrigators to pay maintenance costs. The QCA reflected the "incidental flood moderation benefits" of dams by *only* allocating 80 per cent of irrigators' share of dam safety upgrade expenditure to the allowable cost base.

The recovery of costs, to maintain dams that are community assets are not a responsibility of the irrigator, and definitely not at the projected 80 per cent cost recovery. QFF is uncertain how the 80 per cent is a fair and equitable cost base given the wording on dam safety under the Water Supply (Safety and Reliability) Act 2008, which outlines the obligations of the water businesses and the responsibility of their dams.

The factors utilised in the HUF calculations have failed to include the impacts of climate change and therefore the QCA has failed to incorporate mitigation factors into its recommendations. The HUF's are calculated over the driest 15-year period and the maximum volume of high priority WAE that can exist. The purpose of the HUF methodology is to determine the proportion of storage capacity dedicated to high priority WAE, currently driven by worst case scenarios than long-term averages. Using this methodology can lead to inaccuracies if not extending the calculations to include climate change.

A failure to incorporate climate change mitigation factors could dramatically increase the already unsustainable level of pricing in some areas where dam safety costs are included in water pricing which will put many farmers out of business permanently. As a state, we should be looking to support farming communities and support growth in these regions, not isolate farmers further due to economic disparagement as a result of inadequate planning of our natural resources. With longer periods of drought and higher dependency on dams, the maintenance that will be required to withstand changes in climate due change in soil attributes, water quality, degradation of infrastructure exacerbated by extreme heat and heavy inundation and the increase in water allowances required for food security, that unfortunately if utilising the methodology used in the report will increase the percentages that irrigators will be forced to pay. The government and water businesses cannot expect irrigators to pay for the mismanaged planning of community owned assets.

As of 2017, Qld population stood at 4.9million, but with the projected population increase between 0.8 per cent and 1.5 per cent per year, we are expected to reach between 7.5 million and 10.5 million in 2066 (ABS, 2018) what will our farmers be paying for water then? That's if we have many farmers left to supply the food to support the growing population. The effect on our current water infrastructure and services will be highly impacted as our population increases. Supporting and encouraging growth in regional towns is a priority, not pushing inflating infrastructure costs on areas that need our upmost support in order to ensure

food security for the future, but without water security and sustainable costs, the future of food security in this state will be an unstable one.

According to the QCA report there are a numerous dam upgrades on the agenda for this price path and the next, however, the inclusion of the pressures on our water infrastructure was devoid in this report, but placing an 80 per cent cost factor on irrigators to account for maintenance costs, now and into the future is unacceptable and suicide for these regions, both literally and in the business sense. This is not just a matter of pricing; we are talking about the long-term sustainability of an industry that is heavily reliant on water security. Without water security we do not have food security.

Transition to lower bound prices

In setting the pricing framework as a gradual transition path, the government considered numerous factors including capacity to pay. However, the recommendations for some regions deviates strongly from this statement, given the long-term projected increases, even with built in mitigating factors to allow for a steady increase, will still reach an unsustainable level.

The customers that are in the above lower bound price category, according to QCA recommendations will transition to prices that reflect the lower bound cost target by maintaining fixed prices, in nominal terms, until the cost target is reached, therefore continuing to overpay. As per the QCA recommendations, they have stated to have taken into consideration matters under the QCA Act (Section 26), which includes social welfare and equity considerations, and economic and regional development. The pricing recommendations based in this report do not reflect the governance required of the QCA under the QCA Act to ensure that the capacity to repay for consumers and how the effect of pricing will have in rural areas, from farmers through to industry.

Above lower bound prices

For those tariff groups with existing prices that are currently above the lower bound cost target, the QCA has recommended a transition to prices that reflect the lower bound cost target by maintaining fixed prices in nominal terms until the target is reached. In Table 1, (Table 69 QCA PART B), the QCA cost-reflective prices are shown, which although in all cases have gone down, the volumetric prices have all gone to the cost reflective pricing effective immediately. This again appears as a contradiction for the ability of consumers to pay, under the QCA Act (referenced in Part B, section 7.5.3) which will affect a farmer’s long-term investment which is required to give some level of guarantee for economic viability.

Table 1. In reference to Table 69 (Part B) Tariff groups with existing prices above the lower bound cost target, with the volumetric price above cost-reflective—bulk WSS (\$/ML, nominal)

| <i>Tariff group</i> | <i>2019–20 current prices</i> | | <i>2020–21 cost-reflective prices</i> | |
|---|-------------------------------|---------------------------|---------------------------------------|---------------------------|
| | <i>Fixed (\$/ML)</i> | <i>Volumetric (\$/ML)</i> | <i>Fixed (\$/ML)</i> | <i>Volumetric (\$/ML)</i> |
| Bowen Broken Rivers | 12.50 | 6.95 | 7.14 | 7.36 |
| Bundaberg | 13.06 | 1.31 | 12.29 | 1.01 |
| Burdekin-Haughton | 12.71 | 0.54 | 3.83 | 0.33 |
| Lower Fitzroy | 13.55 | 1.41 | 12.09 | 0.99 |
| Lower Mary—Mary Barrage | 15.10 | 1.98 | 6.21 | 0.86 |
| Nogoa-Mackenzie (medium priority) | 12.22 | 1.32 | 6.64 | 0.84 |
| Nogoa-Mackenzie (medium priority local management supply) | 8.84 | 1.32 | 6.64 | 0.84 |

Unfortunately, according to the pricing structure set out by Sunwater, irrigators that are already paying above the cost reflective price set out for fixed price component, will not revert to the cost reflective price. There are seven tariff groups that will be affected by this scenario. For example, the Bowen Broken Rivers current fixed price is \$12.50/ML, however the QCA cost reflective price is \$7.14/ML, however due to the way prices are structured the current fixed price can't go down. They will continue to pay the current fixed rate price of \$12.50 and will remain at that rate over the pricing period.

So not only will this region see no savings due to currently having an excess of charges noted as the 'above lower bound' price, they will also see an increase in volumetric prices, unlike many others that will see a decrease. In this pricing category, there is still a split between customers that have a volumetric either above or below the cost reflective level, so again not making the pricing easy for irrigators to plan for the future, when instability is integrated into the pricing framework.

This is one of the reasons why the pricing of water for irrigators needs to be looked at thoroughly. Although pricing of water is a fairly complex process, the economic viability of regions dependent on irrigation for their livelihoods is becoming more and more out of reach, with very little support for regional areas in Queensland that need it most. The recommendations put forward in Table 2 & 3, by Sunwater is beyond unsustainable. Although the QCA in their final recommendations have not followed Sunwater's requests, there is no clarity on whether or not these changes can be implemented at some point.

Table 2. Reference to Table 70 (QCA Part B) Tariff groups with existing prices above the lower bound cost target, with the volumetric price below cost-reflective—bulk WSS (\$/ML, nominal)

| Tariff group | 2019–20 current prices | | | 2020–21 cost-reflective prices | | | Change | Fixed diff % | Change | Vol diff % |
|---|------------------------|--------------------|------------------|--------------------------------|--------------------|------------------|---------------|--------------|--------|---------------|
| | Fixed (\$/ML) | Volumetric (\$/ML) | Revenue (\$'000) | Fixed (\$/ML) | Volumetric (\$/ML) | Revenue (\$'000) | | | | |
| Boyne River and Tarong | 28.58 | 1.77 | 268 | 17.43 | 1.96 | 166 | -11.15 | -39.01 | 0.19 | 10.73 |
| Chinchilla Weir | 30.17 | 3.45 | 82 | 19.51 | 3.69 | 56 | -10.66 | -35.33 | 0.24 | 6.96 |
| Lower Mary—Tinana & Teddington | 24.83 | 9.51 | 209 | 17.63 | 27.47 | 199 | -7.2 | -29.00 | 17.96 | 188.85 |
| Mareeba- Dimbulah—River Tinaroo/Barron | 15.87 | 0.59 | 108 | 5.52 | 0.64 | 39 | -10.35 | -65.22 | 0.05 | 8.47 |
| Upper Condamine— North Branch | 47.64 | 15.19 | 409 | 16.86 | 19.36 | 189 | -30.78 | -64.61 | 4.17 | 27.45 |
| Upper Condamine— Sandy Creek or Condamine River | 34.03 | 5.57 | 537 | 16.79 | 5.79 | 284 | -17.24 | -50.66 | 0.22 | 3.95 |

Below lower bound prices

As per the recommendations, tariff groups with existing prices below the lower bound cost target will have fixed prices transitioned to the fixed component of the lower bound cost target by annual increases of inflation increasing initially by 2.24 per cent, plus an additional component of \$2.38/ML of WAE (from 2020-21), (Refer Table 71,72, 73, 74 in Part B) & (Table 39, 40 in Part C). This approach ensures a maximum annual real increase of \$2.38 per megalitre of WAE (2020–21).

Table 3. Reference to Table 71 (QCA Part B) Tariff groups with existing prices below the lower bound cost target, with the volumetric price above cost-reflective—bulk WSS (\$/ML, nominal)

| Tariff group | 2019–20 current prices | | 2020–21 cost-reflective prices | | Change fixed | Fixed % | Change vol | vol % |
|---|------------------------|--------------------|--------------------------------|--------------------|--------------|---------|------------|--------|
| | Fixed (\$/ML) | Volumetric (\$/ML) | Fixed (\$/ML) | Volumetric (\$/ML) | | | | |
| Barker Barambah—River | 25.93 | 4.6 | 43.59 | 4.26 | 17.66 | 68.11 | -0.34 | -7.39 |
| Cunnamulla | 31.75 | 3.58 | 33.53 | 1.94 | 1.78 | 5.61 | -1.64 | -45.81 |
| Dawson Valley—River (medium priority river customers) | 18.04 | 2.01 | 21.64 | 1.62 | 3.6 | 19.96 | -0.39 | -19.40 |
| Dawson Valley—River (medium priority local management supply) | 13.98 | 2.01 | 21.64 | 1.62 | 7.66 | 54.79 | -0.39 | -19.40 |
| Dawson Valley—River (high priority local management supply) | 42.77 | 2.01 | 113.21 | 1.62 | 70.44 | 164.69 | -0.39 | -19.40 |
| Dawson Valley—River at Glebe Weir | 16.18 | 2.01 | 21.64 | 1.62 | 5.46 | 33.75 | -0.39 | -19.40 |
| Macintyre Brook | 48.62 | 4.54 | 62.14 | 4.11 | 13.52 | 27.81 | -0.43 | -9.47 |
| Nogoa-Mackenzie (high priority) | 28.88 | 1.32 | 46.54 | 0.84 | 17.66 | 61.15 | -0.48 | -36.36 |
| Nogoa-Mackenzie (high priority local management supply) | 28.88 | 1.32 | 46.54 | 0.84 | 17.66 | 61.15 | -0.48 | -36.36 |
| St George—Beardmore Dam or Balonne River (MP river customers) | 21.91 | 1.38 | 22.91 | 1.09 | 1 | 4.56 | -0.29 | -21.01 |
| St George—Thuraggi Watercourse (medium priority river customer) | 21.91 | 1.38 | 22.91 | 1.09 | 1 | 4.56 | -0.29 | -21.01 |
| St George (medium priority local management supply) | 20.86 | 1.38 | 22.91 | 1.09 | 2.05 | 9.83 | -0.29 | -21.01 |
| St George (high priority local management supply) | 29.04 | 1.38 | 37.37 | 1.09 | 8.33 | 28.68 | -0.29 | -21.01 |

Table 4. Reference to Table 72 (QCA Part B) Tariff groups with existing prices below the lower bound cost target, with the volumetric price above cost-reflective—distribution systems (\$/ML, nominal)

| Tariff group | 2019–20 current prices | | 2020–21 cost-reflective prices | | Change fixed | Fixed % | Change vol | vol % |
|---|------------------------|--------------------|--------------------------------|--------------------|--------------|-----------------|------------|-----------------|
| | Fixed (\$/ML) | Volumetric (\$/ML) | Fixed (\$/ML) | Volumetric (\$/ML) | | | | |
| Bundaberg channel | 52.62 | 60.25 | 81.57 | 55.36 | 28.95 | 55.0171 | -4.89 | -8.11618 |
| Burdekin-Haughton channel | 42.59 | 30.14 | 46.76 | 23.61 | 4.17 | 9.791031 | -6.53 | -21.6656 |
| Burdekin-Haughton—Gladys Lagoon (other than Natural Yield) | 42.59 | 30.14 | 46.76 | 23.61 | 4.17 | 9.791031 | -6.53 | -21.6656 |
| Lower Mary channel | 54.31 | 72.25 | 61.48 | 67.87 | 7.17 | 13.20199 | -4.38 | -6.06228 |
| Mareeba-Dimbulah—outside a relift up to 100 ML | 55.27 | 8.86 | 59.11 | 6.54 | 3.84 | 6.947711 | -2.32 | -26.1851 |
| Mareeba-Dimbulah—outside a relift 100 ML to 500 ML | 48.72 | 8.86 | 52.74 | 6.54 | 4.02 | 8.251232 | -2.32 | -26.1851 |
| Mareeba-Dimbulah—outside a relift over 500 ML | 37.78 | 8.86 | 42.11 | 6.54 | 4.33 | 11.46109 | -2.32 | -26.1851 |
| Mareeba-Dimbulah—river supplemented streams and Walsh River | 26.85 | 5.32 | 30.94 | 4.18 | 4.09 | 15.23277 | -1.14 | -21.4286 |

Table 5. Reference to Table 73 (QCA Part B) Tariff groups with existing prices below the lower bound cost target, with the volumetric price below cost-reflective—bulk WSS (\$/ML, nominal)

| Tariff group | 2019–20 current prices | | 2020–21 cost-reflective | | Change fixed | Fixed % | Change vol | vol % |
|---|------------------------|--------------------|-------------------------|--------------------|--------------|-----------------|------------|-----------------|
| | Fixed (\$/ML) | Volumetric (\$/ML) | Fixed (\$/ML) | Volumetric (\$/ML) | | | | |
| Barker Barambah—Redgate Relift | 25.93 | 22.56 | 43.85 | 53.47 | 17.92 | 69.10914 | 30.91 | 137.0124 |
| Callide Valley—Callide and Kroombit Creek | 18.5 | 8.84 | 70.53 | 8.88 | 52.03 | 281.2432 | 0.04 | 0.452489 |
| Callide Valley—Benefited Groundwater Area | 18.5 | 8.84 | 70.53 | 8.88 | 52.03 | 281.2432 | 0.04 | 0.452489 |
| Eton (medium priority) ^a | 31.36 | 4.05 | 33.56 | 4.11 | 2.2 | 7.015306 | 0.06 | 1.481481 |
| Eton (high priority local management supply) ^b | 117.49 | 4.05 | 125.3 | 4.11 | 7.81 | 6.647374 | 0.06 | 1.481481 |
| Maranoa River | 53.17 | 65.01 | 95.07 | 74.16 | 41.9 | 78.80384 | 9.15 | 14.07476 |
| Pioneer River | 14.81 | 3.13 | 20.5 | 3.75 | 5.69 | 38.41999 | 0.62 | 19.80831 |
| Proserpine River | 13.26 | 3.02 | 14.19 | 3.47 | 0.93 | 7.013575 | 0.45 | 14.90066 |
| Proserpine River—Kelsey Creek Water Board | 12.14 | 3.02 | 14.19 | 3.47 | 2.05 | 16.88633 | 0.45 | 14.90066 |
| Three Moon Creek—River | 32.43 | 4.78 | 51 | 6.05 | 18.57 | 57.26179 | 1.27 | 26.56904 |
| Three Moon Creek—Groundwater | 23.58 | 4.78 | 51 | 6.05 | 27.42 | 116.285 | 1.27 | 26.56904 |
| Upper Burnett—Regulated Section of the Nogo/Burnett River | 30.58 | 4.08 | 43.3 | 4.58 | 12.72 | 41.59581 | 0.5 | 12.2549 |
| Upper Burnett—John Goleby Weir | 28.96 | 4.08 | 43.3 | 4.58 | 14.34 | 49.51657 | 0.5 | 12.2549 |
| Upper Condamine—North Branch—Risk A | 13.44 | 15.19 | 14.3 | 19.36 | 0.86 | 6.39881 | 4.17 | 27.45227 |

Table 6. Table 74 Tariff groups with existing prices below the lower bound cost target, with the volumetric price below cost-reflective—distribution systems (\$/ML, nominal)

| Tariff group | 2019–20 current prices | | 2020–21 cost- | | Change fixed | Fixed % | Change vol | vol % |
|---------------------------|------------------------|--------------------|---------------|--------------------|--------------|-----------------|------------|-----------------|
| | Fixed (\$/ML) | Volumetric (\$/ML) | Fixed (\$/ML) | Volumetric (\$/ML) | | | | |
| Burdekin—Giru Groundwater | 21.35 | 15.36 | 46.76 | 23.61 | 25.41 | 119.0164 | 8.25 | 53.71094 |
| Etona | 69.76 | 37.68 | 104.57 | 42.98 | 34.81 | 49.89966 | 5.3 | 14.06582 |
| Mareeba-Dimbulah—relift | 42.78 | 86.81 | 58.09 | 89.7 | 15.31 | 35.78775 | 2.89 | 3.32911 |

The QCA also stated that where a dam has a formal flood mitigation role, that they consider the costs of dam safety upgrades should be shared with beneficiaries in the broader community. There has been no formal data revealed in this document other than the apportionment of costs for dam upgrades on relevant schemes as documented by Sunwater.

Sunwater has included its proposed dam improvement program (DIP) expenditure in the dam safety upgrade cost category. The above-mentioned statutory guidelines for water businesses to maintain assets appears to have been ignored by utilising other means to insert expenditure into the end user, without fully incorporating long term maintenance on infrastructure and assets in their budgeting.

Assessing these costs as an asset related cost conflicts with the pricing recommendations based on a portion of these costs directed to improve the EAP's and implement an emergency program. It is stated in Part B that the QCA's approach is for beneficiaries of the dam to meet associated compliance costs

which is calculated using the HUF methodology cost allocation approach for asset related costs like dam safety, which includes the differential in benefits received by priority groups. The total recommended cost reflective pricing prior to the QCA's final recommended costs is outlined in Appendix A. In this table, the increase/decrease in pricing is shown as a percentage, with the addition of what pricing would look like if the QCA had gone with all recommendations, which outlines what prices could be. A review of how water is priced requires a complete overview by the government, with transparency and clarity.

The QCA recommended that dam safety upgrade capex and IGEM costs of each bulk WSS should be allocated to medium and high priority customers by using HUF's. For distribution systems costs were allocated to customers using nominal WAE's. As can be seen from the final recommendations in the QCA report, there was a complete lack of realistic expectations placed upon the consumer to afford another price increase. What needs to be highlighted is that water is a highly valuable resource that not only should be managed more efficiently, but assessed over the longer term to include changes in climate, population growth, sustainable businesses, viable economic growth in the agricultural sector, and food security.

Conclusion

In summation, from all reports presented as a result of the rural price investigation, there is yet to be final clarity on water and future pricing for irrigators. As it stands, the pricing recommendations will send an already fragile industry into a further downward spiral. The strong message that is driven through this report is that costs will not be recovered by the end of the pricing period, according to Part B on Sunwater, however there seems to be a lot of integrating costs to facilitate cost recovery or mismanaged assets. This is a definite worry for farmers who are already struggling to survive. The main thing that the QCA can highlight in this report which is a joke to farmers is that they opted to exclude recreation costs from being passed on, which was a request, but unfortunately does not justify the large increases in areas that are currently struggling to pay for water. Dam safety, regardless of how the QCA wish to off load costs, which is deemed a compliance cost is not a cost for irrigators to bare.

There are incredible inaccuracies, misaligned laws, and misinterpretation of what the QCA irrigation price investigation was actually for. Was it to help manage our state to move forward to become a stronger economic state, or one that will be in the future dependent on federally funded handouts to prop up an ailing system that was not there to support its natural resources, industry and food security? The reliability of water is a constant worry for our regional areas, and now to add to a very fragile industry, the reliability of a fair and equitable pricing framework is now also on the line.

As such, QFF considers it to be inappropriate for the QCA to determine unsustainable water prices for the agricultural sector without a coherent policy approach to address the issues, otherwise Queensland will continue to experience a fast decline in our regional and rural areas, risking the future viability of the intensive and irrigated agricultural sector in the state.

In the first instance, QFF recommends that dam safety costs are completely removed from irrigation water prices. Secondly, that those schemes who are unfairly paying well above Lower Bound Costs receive a full reduction immediately, or as a minimum, their costs are reduced annually by the \$2.38 until they reach lower bound.

If you have any queries about this submission, please do not hesitate to contact Ms Sharon McIntosh at sharon@qff.org.au.

Yours sincerely



Dr Georgina Davis
Chief Executive Officer

Appendix A. Existing and recommended prices bulk WSSs (\$/ML, nominal) in reference to QCA Part B. Prices exclude dam safety upgrade unless otherwise stated.

| Bulk WSS | Price | Existing | Final recommended prices | | | | | Change \$/ML | % Change (2019-24) | Sunwater cost reflective price | Final QCA price | Difference between final QCA price and sunwater recommended cost reflective price for 20/21 (%) | Change \$/ML (2019/20-2023/24) | Change between Existing and QCA final recommended prices (2019-24) % |
|--------------------------------|--------|----------|--------------------------|---------|---------|---------|-----------------|--------------|--------------------|--------------------------------|-----------------|---|--------------------------------|--|
| | | 2019–20 | 2020–21 | 2021–22 | 2022–23 | 2023–24 | 2020/21 (\$/ML) | | | | | | | |
| Barker Barambah—River | Part A | 25.93 | 28.89 | 31.97 | 35.18 | 38.51 | 12.58 | 48.52 | 43.59 | 28.89 | -33.72 | 12.58 | 48.52 | |
| | Part B | 4.6 | 4.26 | 4.35 | 4.45 | 4.55 | -0.05 | -1.09 | 4.26 | 4.26 | 0.00 | -0.05 | -1.09 | |
| Barker Barambah—Redgate Relift | Part A | 25.93 | 28.89 | 31.97 | 35.18 | 38.51 | 12.58 | 48.52 | 43.85 | 28.89 | -34.12 | 12.58 | 48.52 | |
| | Part B | 22.56 | 23.07 | 23.58 | 24.11 | 24.65 | 2.09 | 9.26 | 53.47 | 23.07 | -56.85 | 2.09 | 9.26 | |
| Bowen Broken Rivers | Part A | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 0 | 0.00 | 7.14 | 12.5 | 75.07 | 0 | 0.00 | |
| | Part B | 6.95 | 7.11 | 7.26 | 7.43 | 7.59 | 0.64 | 9.21 | 7.36 | 7.11 | -3.40 | 0.64 | 9.21 | |
| Boyne River and Tarong | Part A | 28.58 | 28.58 | 28.58 | 28.58 | 28.58 | 0 | 0.00 | 17.43 | 28.58 | 63.97 | 0 | 0.00 | |
| | Part B | 1.77 | 1.81 | 1.85 | 1.89 | 1.93 | 0.16 | 9.04 | 1.96 | 1.81 | -7.65 | 0.16 | 9.04 | |
| Bundaberg | Part A | 13.06 | 13.06 | 13.06 | 13.06 | 13.13 | 0.07 | 0.54 | 12.29 | 13.06 | 6.27 | 0.07 | 0.54 | |
| | Part B | 1.31 | 1.01 | 1.03 | 1.06 | 1.08 | -0.23 | -17.56 | 1.01 | 1.01 | 0.00 | -0.23 | -17.56 | |

| | | | | | | | | | | | | | |
|--|--------|-------|-------|-------|-------|-------|-------|---------|--------|-------|--------|-------|--------|
| Burdekin-Haughton | Part A | 12.71 | 12.71 | 12.71 | 12.71 | 12.71 | 0 | 0.00 | 3.83 | 12.71 | 231.85 | 0 | 0.00 |
| | Part B | 0.54 | 0.33 | 0.34 | 0.35 | 0.36 | -0.18 | -33.33 | 0.33 | 0.33 | 0.00 | -0.18 | -33.33 |
| Callide—Callide and Kroombit Creek | Part A | 18.5 | 21.29 | 24.2 | 27.23 | 30.39 | 11.89 | 64.27 | 70.53 | 21.29 | -69.81 | 11.89 | 64.27 |
| | Part B | 8.84 | 8.88 | 9.08 | 9.29 | 9.5 | 0.66 | 7.47 | 8.88 | 8.88 | 0.00 | 0.66 | 7.47 |
| Callide—Benefited Groundwater Area | Part A | 18.5 | 21.29 | 24.2 | 27.23 | 30.39 | 11.89 | 64.27 | 70.53 | 21.29 | -69.81 | 11.89 | 64.27 |
| | Part B | 8.84 | 8.88 | 9.08 | 9.29 | 9.5 | 0.66 | 7.47 | 8.88 | 8.88 | 0.00 | 0.66 | 7.47 |
| Chinchilla Weir | Part A | 30.17 | 30.17 | 30.17 | 30.17 | 30.17 | 0 | 0.00 | 19.51 | 30.17 | 54.64 | 0 | 0.00 |
| | Part B | 3.45 | 3.53 | 3.61 | 3.69 | 3.77 | 0.32 | 9.28 | 3.69 | 3.53 | -4.34 | 0.32 | 9.28 |
| Cunnamulla | Part A | 31.75 | 33.53 | 34.28 | 35.05 | 35.84 | 4.09 | 12.88 | 33.53 | 33.53 | 0.00 | 4.09 | 12.88 |
| | Part B | 3.58 | 1.94 | 1.98 | 2.02 | 2.07 | -1.51 | -42.18 | 1.94 | 1.94 | 0.00 | -1.51 | -42.18 |
| Dawson Valley—River (medium priority river customers) (pricing option 1) | Part A | 18.04 | 20.82 | 22.13 | 22.62 | 23.13 | 5.09 | 28.22 | 21.64 | 20.82 | -3.79 | 5.09 | 28.22 |
| | Part B | 2.01 | 1.62 | 1.66 | 1.69 | 1.73 | -0.28 | -13.93 | 1.62 | 1.62 | 0.00 | -0.28 | -13.93 |
| Dawson Valley—River at Glebe Weir (pricing option 1) | Part A | 16.18 | 18.92 | 21.78 | 22.62 | 23.13 | 6.95 | 42.95 | 21.64 | 18.92 | -12.57 | 6.95 | 42.95 |
| | Part B | 2.01 | 1.62 | 1.66 | 1.69 | 1.73 | -0.28 | -13.93 | 1.62 | 1.62 | 0.00 | -0.28 | -13.93 |
| Dawson Valley—Alternate tariff group (pricing option 2) | Part A | n.a. | 20.82 | 22.13 | 22.62 | 23.13 | -8.24 | -39.58 | 21.64 | 20.82 | -3.79 | 2.31 | 11.10 |
| | Part B | n.a. | 1.62 | 1.66 | 1.69 | 1.73 | -1.67 | -103.09 | 1.62 | 1.62 | 0.00 | 0.11 | 6.79 |
| Dawson Valley—River (medium priority local management supply) | Part A | 13.98 | 16.67 | 19.48 | 22.4 | 23.13 | 9.15 | 65.45 | 21.64 | 16.67 | -22.97 | 9.15 | 65.45 |
| | Part B | 2.01 | 1.62 | 1.66 | 1.69 | 1.73 | -0.28 | -13.93 | 1.62 | 1.62 | 0.00 | -0.28 | -13.93 |
| Dawson Valley—River (high priority river customers) (alternative tariff group) | Part A | n.a. | 46.11 | 49.57 | 53.17 | 56.91 | 10.8 | 23.42 | 113.21 | 46.11 | -59.27 | 10.8 | 23.42 |
| | Part B | n.a. | 1.62 | 1.66 | 1.69 | 1.73 | 0.11 | 6.79 | 1.62 | 1.62 | 0.00 | 0.11 | 6.79 |

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|---|--------|--------|-------|--------|--------|--------|-------|--------|--------|-------|--------|-------|--------|
| Dawson Valley—River (high priority local management supply) | Part A | 42.77 | 46.11 | 49.57 | 53.17 | 56.91 | 14.14 | 33.06 | 113.21 | 46.11 | -59.27 | 14.14 | 33.06 |
| | Part B | 2.01 | 1.62 | 1.66 | 1.69 | 1.73 | -0.28 | -13.93 | 1.62 | 1.62 | 0.00 | -0.28 | -13.93 |
| Eton (medium priority) | Part A | 31.36 | 33.56 | 34.31 | 35.08 | 35.87 | 4.51 | 14.38 | 33.56 | 33.56 | 0.00 | 4.51 | 14.38 |
| | Part B | 4.05 | 4.11 | 4.2 | 4.29 | 4.39 | 0.34 | 8.40 | 4.11 | 4.11 | 0.00 | 0.34 | 8.40 |
| Eton (high priority local management supply) | Part A | 117.49 | 122.5 | 127.68 | 130.97 | 133.91 | 16.42 | 13.98 | 125.3 | 122.5 | -2.23 | 16.42 | 13.98 |
| | Part B | 4.05 | 4.11 | 4.2 | 4.29 | 4.39 | 0.34 | 8.40 | 4.11 | 4.11 | 0.00 | 0.34 | 8.40 |
| Lower Fitzroy | Part A | 13.55 | 13.55 | 13.55 | 13.55 | 13.55 | 0 | 0.00 | 12.09 | 13.55 | 12.08 | 0 | 0.00 |
| | Part B | 1.41 | 0.99 | 1.01 | 1.03 | 1.05 | -0.36 | -25.53 | 0.99 | 0.99 | 0.00 | -0.36 | -25.53 |
| Lower Mary—Mary Barrage | Part A | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 0 | 0.00 | 6.21 | 15.1 | 143.16 | 0 | 0.00 |
| | Part B | 1.98 | 0.86 | 0.88 | 0.9 | 0.92 | -1.06 | -53.54 | 0.86 | 0.86 | 0.00 | -1.06 | -53.54 |
| Lower Mary—Tinana and Teddington | Part A | 24.83 | 24.83 | 24.83 | 24.83 | 24.83 | 0 | 0.00 | 17.63 | 24.83 | 40.84 | 0 | 0.00 |
| | Part B | 9.51 | 9.72 | 9.94 | 10.16 | 13.49 | 3.98 | 41.85 | 27.47 | 9.72 | -64.62 | 3.98 | 41.85 |
| Macintyre Brook (pricing option 1) | Part A | 48.62 | 52.09 | 55.69 | 59.42 | 63.3 | 14.68 | 30.19 | 62.14 | 52.09 | -16.17 | 14.68 | 30.19 |
| | Part B | 4.54 | 4.11 | 4.2 | 4.3 | 4.39 | -0.15 | -3.30 | 4.11 | 4.11 | 0.00 | -0.15 | -3.30 |
| Macintyre Brook including dam safety (pricing option 2) | Part A | 48.62 | 52.09 | 55.69 | 59.42 | 63.3 | 14.68 | 30.19 | 63.38 | 52.09 | -17.81 | 14.68 | 30.19 |
| | Part B | 4.54 | 4.11 | 4.2 | 4.3 | 4.39 | -0.15 | -3.30 | 4.11 | 4.11 | 0.00 | -0.15 | -3.30 |
| Maranoa River | Part A | 53.17 | 56.74 | 60.45 | 64.29 | 68.27 | 15.1 | 28.40 | 95.07 | 56.74 | -40.32 | 15.1 | 28.40 |
| | Part B | 65.01 | 66.47 | 67.96 | 69.48 | 71.03 | 6.02 | 9.26 | 74.16 | 66.47 | -10.37 | 6.02 | 9.26 |
| Mareeba-Dimbulah—River Tinaroo/Barron | Part A | 15.87 | 15.87 | 15.87 | 15.87 | 15.87 | 0 | 0.00 | 5.52 | 15.87 | 187.50 | 0 | 0.00 |
| | Part B | 0.59 | 0.6 | 0.62 | 0.63 | 0.64 | 0.05 | 8.47 | 0.64 | 0.6 | -6.25 | 0.05 | 8.47 |

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| Nogoa-Mackenzie (medium priority) (pricing option 1) | Part A | 12.22 | 12.22 | 12.22 | 12.22 | 12.22 | 0 | 0.00 | 6.64 | 12.22 | 84.04 | 0 | 0.00 |
| | Part B | 1.32 | 0.84 | 0.86 | 0.88 | 0.9 | -0.42 | -31.82 | 0.84 | 0.84 | 0.00 | -0.42 | -31.82 |
| Nogoa-Mackenzie (medium priority) including dam safety (pricing option 2) | Part A | 12.22 | 12.22 | 12.22 | 12.22 | 12.22 | 0 | 0.00 | 7.6 | 12.22 | 60.79 | 0 | 0.00 |
| | Part B | 1.32 | 0.84 | 0.86 | 0.88 | 0.9 | -0.42 | -31.82 | 0.84 | 0.84 | 0.00 | -0.42 | -31.82 |
| Nogoa-Mackenzie (high priority) (pricing option 1) | Part A | 28.88 | 31.91 | 35.05 | 38.33 | 41.73 | 12.85 | 44.49 | 46.54 | 31.91 | -31.44 | 12.85 | 44.49 |
| | Part B | 1.32 | 0.84 | 0.86 | 0.88 | 0.9 | -0.42 | -31.82 | 0.84 | 0.84 | 0.00 | -0.42 | -31.82 |
| Nogoa-Mackenzie (high priority) including dam safety (pricing option 2) | Part A | 28.88 | 31.91 | 35.05 | 38.33 | 41.73 | 12.85 | 44.49 | 56.56 | 31.91 | -43.58 | 12.85 | 44.49 |
| | Part B | 1.32 | 0.84 | 0.86 | 0.88 | 0.9 | -0.42 | -31.82 | 0.84 | 0.84 | 0.00 | -0.42 | -31.82 |
| Nogoa-Mackenzie (medium priority local management supply) (pricing option 1) | Part A | 8.84 | 6.64 | 6.79 | 6.94 | 7.09 | -1.75 | -19.80 | 6.64 | 6.64 | 0.00 | -1.75 | -19.80 |
| | Part B | 1.32 | 0.84 | 0.86 | 0.88 | 0.9 | -0.42 | -31.82 | 0.84 | 0.84 | 0.00 | -0.42 | -31.82 |
| Nogoa-Mackenzie (medium priority local management supply) including dam safety (pricing option 2) | Part A | 8.84 | 7.6 | 7.77 | 7.95 | 8.13 | -0.71 | -8.03 | 7.6 | 7.6 | 0.00 | -0.71 | -8.03 |
| | Part B | 1.32 | 0.84 | 0.86 | 0.88 | 0.9 | -0.42 | -31.82 | 0.84 | 0.84 | 0.00 | -0.42 | -31.82 |
| Nogoa-Mackenzie (high priority local management supply) (pricing option 1) | Part A | 28.88 | 31.91 | 35.05 | 38.33 | 41.73 | 12.85 | 44.49 | 46.54 | 31.91 | -31.44 | 12.85 | 44.49 |
| | Part B | 1.32 | 0.84 | 0.86 | 0.88 | 0.9 | -0.42 | -31.82 | 0.84 | 0.84 | 0.00 | -0.42 | -31.82 |
| Nogoa-Mackenzie (high priority local management supply) including dam safety (pricing option 2) | Part A | 28.88 | 31.91 | 35.05 | 38.33 | 41.73 | 12.85 | 44.49 | 56.56 | 31.91 | -43.58 | 12.85 | 44.49 |
| | Part B | 1.32 | 0.84 | 0.86 | 0.88 | 0.9 | -0.42 | -31.82 | 0.84 | 0.84 | 0.00 | -0.42 | -31.82 |
| Pioneer River (pricing option 1) | Part A | 14.81 | 17.52 | 20.35 | 21.42 | 21.9 | 7.09 | 47.87 | 20.5 | 17.52 | -14.54 | 7.09 | 47.87 |
| | Part B | 3.13 | 3.2 | 3.27 | 3.92 | 4.01 | 0.88 | 28.12 | 3.75 | 3.2 | -14.67 | 0.88 | 28.12 |
| Pioneer River including dam safety (pricing option 2) | Part A | 14.81 | 17.52 | 20.35 | 21.87 | 22.36 | 7.55 | 50.98 | 20.92 | 17.52 | -16.25 | 7.55 | 50.98 |
| | Part B | 3.13 | 3.2 | 3.27 | 3.92 | 4.01 | 0.88 | 28.12 | 3.75 | 3.2 | -14.67 | 0.88 | 28.12 |

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| Proserpine River | Part A | 13.26 | 14.19 | 14.51 | 14.83 | 15.16 | 1.9 | 14.33 | 14.19 | 14.19 | 0.00 | 1.9 | 14.33 |
| | Part B | 3.02 | 3.47 | 3.55 | 3.63 | 3.71 | 0.69 | 22.85 | 3.47 | 3.47 | 0.00 | 0.69 | 22.85 |
| Proserpine River—Kelsey Creek Water Board | Part A | 12.14 | 14.19 | 14.51 | 14.83 | 15.16 | 3.02 | 24.88 | 14.19 | 14.19 | 0.00 | 3.02 | 24.88 |
| | Part B | 3.02 | 3.47 | 3.55 | 3.63 | 3.71 | 0.69 | 22.85 | 3.47 | 3.47 | 0.00 | 0.69 | 22.85 |
| St George—Beardmore Dam or Balonne River (medium priority river customers) (pricing option 1) | Part A | 21.91 | 22.91 | 23.42 | 23.95 | 24.48 | 2.57 | 11.73 | 22.91 | 22.91 | 0.00 | 2.57 | 11.73 |
| | Part B | 1.38 | 1.09 | 1.11 | 1.14 | 1.16 | -0.22 | -15.94 | 1.09 | 1.09 | 0.00 | -0.22 | -15.94 |
| St George—Thuraggi Watercourse (medium priority river customers) (pricing option 1) | Part A | 21.91 | 22.91 | 23.42 | 23.95 | 24.48 | 2.57 | 11.73 | 22.91 | 22.91 | 0.00 | 2.57 | 11.73 |
| | Part B | 1.38 | 1.09 | 1.11 | 1.14 | 1.16 | -0.22 | -15.94 | 1.09 | 1.09 | 0.00 | -0.22 | -15.94 |
| St George—Alternate tariff group (pricing option 2) | Part A | n.a. | 22.91 | 23.42 | 23.95 | 24.48 | 1.57 | 6.85 | 22.91 | 22.91 | 0.00 | 1.57 | 6.85 |
| | Part B | n.a. | 1.09 | 1.11 | 1.14 | 1.16 | 0.07 | 6.42 | 1.09 | 1.09 | 0.00 | 0.07 | 6.42 |
| St George (medium priority local management supply) | Part A | 20.86 | 22.91 | 23.42 | 23.95 | 24.48 | 3.62 | 17.35 | 22.91 | 22.91 | 0.00 | 3.62 | 17.35 |
| | Part B | 1.38 | 1.09 | 1.11 | 1.14 | 1.16 | -0.22 | -15.94 | 1.09 | 1.09 | 0.00 | -0.22 | -15.94 |
| St George (high priority local management supply) | Part A | 29.04 | 32.07 | 35.22 | 38.5 | 39.94 | 10.9 | 37.53 | 37.37 | 32.07 | -14.18 | 10.9 | 37.53 |
| | Part B | 1.38 | 1.09 | 1.11 | 1.14 | 1.16 | -0.22 | -15.94 | 1.09 | 1.09 | 0.00 | -0.22 | -15.94 |
| Three Moon Creek—River (pricing option 1) | Part A | 32.43 | 35.54 | 38.77 | 42.12 | 45.61 | 13.18 | 40.64 | 51 | 35.54 | -30.31 | 13.18 | 40.64 |
| | Part B | 4.78 | 4.89 | 5 | 5.11 | 5.22 | 0.44 | 9.21 | 6.05 | 4.89 | -19.17 | 0.44 | 9.21 |
| Three Moon Creek—Groundwater (pricing option 1) | Part A | 23.58 | 26.49 | 29.51 | 32.66 | 35.94 | 12.36 | 52.42 | 51 | 26.49 | -48.06 | 12.36 | 52.42 |
| | Part B | 4.78 | 4.89 | 5 | 5.11 | 5.22 | 0.44 | 9.21 | 6.05 | 4.89 | -19.17 | 0.44 | 9.21 |
| Three Moon Creek—Alternate tariff group (pricing option 2) | Part A | n.a. | 27.72 | 30.77 | 33.95 | 37.25 | 9.53 | 34.38 | 51 | 27.72 | -45.65 | 9.53 | 34.38 |
| | Part B | n.a. | 4.89 | 5 | 5.11 | 5.22 | 0.33 | 6.75 | 6.05 | 4.89 | -19.17 | 0.33 | 6.75 |

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| Upper Burnett—Regulated Section of the Nogo/Burnett River | Part A | 30.58 | 33.64 | 36.83 | 40.14 | 43.59 | 13.01 | 42.54 | 43.3 | 33.64 | -22.31 | 13.01 | 42.54 |
| | Part B | 4.08 | 4.17 | 4.26 | 4.36 | 4.46 | 0.38 | 9.31 | 4.58 | 4.17 | -8.95 | 0.38 | 9.31 |
| Upper Burnett—John Goleby Weir | Part A | 28.96 | 31.99 | 35.14 | 38.41 | 41.82 | 12.86 | 44.41 | 43.3 | 31.99 | -26.12 | 12.86 | 44.41 |
| | Part B | 4.08 | 4.17 | 4.26 | 4.36 | 4.46 | 0.38 | 9.31 | 4.58 | 4.17 | -8.95 | 0.38 | 9.31 |
| Upper Condamine—Sandy Creek or Condamine River (pricing option 1) | Part A | 34.03 | 34.03 | 34.03 | 34.03 | 34.03 | 0 | 0.00 | 16.79 | 34.03 | 102.68 | 0 | 0.00 |
| | Part B | 5.57 | 5.69 | 5.82 | 5.95 | 6.09 | 0.52 | 9.34 | 5.79 | 5.69 | -1.73 | 0.52 | 9.34 |
| Upper Condamine—Sandy Creek or Condamine River including dam safety (pricing option 2) | Part A | 34.03 | 34.03 | 34.03 | 34.03 | 34.03 | 0 | 0.00 | 22.88 | 34.03 | 48.73 | 0 | 0.00 |
| | Part B | 5.57 | 5.69 | 5.82 | 5.95 | 6.09 | 0.52 | 9.34 | 5.79 | 5.69 | -1.73 | 0.52 | 9.34 |
| Upper Condamine—North Branch (pricing option 1) | Part A | 47.64 | 47.64 | 47.64 | 47.64 | 47.64 | 0 | 0.00 | 16.86 | 47.64 | 182.56 | 0 | 0.00 |
| | Part B | 15.19 | 15.53 | 15.88 | 16.23 | 16.6 | 1.41 | 9.28 | 19.36 | 15.53 | -19.78 | 1.41 | 9.28 |
| Upper Condamine—North Branch including dam safety (pricing option 2) | Part A | 47.64 | 47.64 | 47.64 | 47.64 | 47.64 | 0 | 0.00 | 22.95 | 47.64 | 107.58 | 0 | 0.00 |
| | Part B | 15.19 | 15.53 | 15.88 | 16.23 | 16.6 | 1.41 | 9.28 | 19.36 | 15.53 | -19.78 | 1.41 | 9.28 |
| Upper Condamine—North Branch—Risk A | Part A | 13.44 | 14.3 | 14.62 | 14.95 | 15.29 | 1.85 | 13.76 | 14.3 | 14.3 | 0.00 | 1.85 | 13.76 |
| | Part B | 15.19 | 17.35 | 19.8 | 20.24 | 20.69 | 5.5 | 36.21 | 19.36 | 17.35 | -10.38 | 5.5 | 36.21 |