

17 November 2020

## Bega-Brogo Regulated River Water Source

### Water allocation update


**General security allocation for 2020-21 remains unchanged at 40% of entitlement.** All other categories of licence in this regulated river water source have received their maximum allocation for the 2020-21 water year.

The Bega-Brogo catchment has experienced above average rainfall for a majority of this water year. Brogo Dam has been full and spilling since the last announcement published in August, resulting in unregulated flow conditions in the valley.

General security water usage this water year has been very low, with rainfall satisfying most irrigation needs to date. There has been a small volume of uncontrolled flow usage. This lack of water usage, coupled with a full dam, means new water cannot be captured to improve allocations.

If conditions remain wet through peak irrigation season, any deficit going into 2021-22 will primarily be met by under-utilisation and reduced losses. More information will be provided to water users in subsequent announcements as summer conditions become clearer.

### Current allocations

| 2020-21                                 | High Security | General Security | Drought Stage   |
|---|---------------|------------------|---|
| Bega-Brogo Regulated River Water Source | 100%          | 40%              |  Stage 1 |

### Dam levels (as at 16 November 2020)

Brogo Dam is currently full (102%) and spilling, holding about 9,120 megalitres (ML). This time last year the storage was about 56% full.

### Seasonal climate outlook

The Bureau of Meteorology seasonal outlook for December 2020 to February 2021 shows wetter than average conditions for the catchment are likely. Daytime temperatures are likely to be near average, while overnight temperatures are likely to be above average.

For further details: [www.bom.gov.au/climate/outlooks/#/rainfall/summary](http://www.bom.gov.au/climate/outlooks/#/rainfall/summary)

### Next announcement

Water allocation statements for the Bega-Brogo regulated river water source are usually published quarterly or when there is a significant change to the resource situation.

The next water allocation statement for the Bega-Brogo regulated river water source will be published in mid-February 2021, or earlier if water availability conditions change significantly.

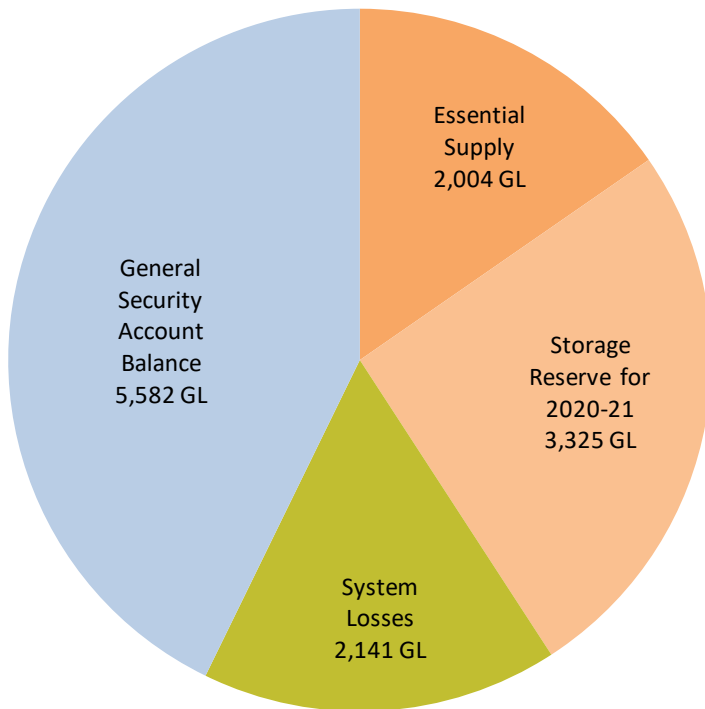
## Resource assessment data sheet

| <b>Resource Distribution 2020-21 (1 November)</b>          | <b>(ML)</b> | <b>(ML)</b> |
|--|-------------|-------------|
| Brogo Dam storage volume (as at 1 November) <sup>1</sup>   |             | 8,980       |
| Minimum storage inflows (11/20 to 6/21) <sup>2</sup>       |             | 1,700       |
| <i>less</i>  |             |             |
| Dead storage volume  | 200         |             |
| Basic Land Holder Rights                                   | 166         |             |
| Domestic and Stock   | 54          |             |
| Local Water Utility  | 630         |             |
| Transparent releases                                       | 600         |             |
| Minimum storage releases                                   | 132         |             |
| High Security (HS) account balance                         | 422         |             |
| Losses (evaporation, transmission, operation) <sup>3</sup> | 2,141       |             |
| Essential supplies reserve for 2021-22 <sup>4</sup>        | 3,325       |             |
| General Security (GS) account balance                      | 5,582       |             |
| <i>equals</i>  |             |             |
| Surplus (or deficit) <sup>5</sup>                          |             | (2,572)     |

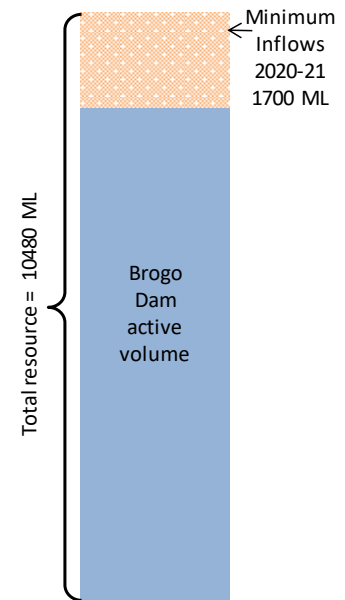
### Notes:

- (1) Available Resource in the dam – is the total storage volume in Brogo Dam as at 1 November 2020, capped at full supply volume of 8,980 ML when dam is spilling.
- (2) Minimum forecast dam inflows (1,700 ML) from 1 December 2020 to 30 June 2021. Ignoring inflows during Nov 2020 due to dam spilling as it's unable to be captured.
- (3) Storage evaporation & system transmission loss pro-rated from Dec 2020 to Jun 2021 as no loss assumed for Nov 2020 due to dam spilling.
- (4) Water required to be set aside in storage as reserve to meet system losses of 3,600 ML plus essential requirements of 2,525 ML minus 2,800 ML of minimum storage inflows sequence (starting 1 July 2021). That is,  $(3,600 + 2,525 - 2,800) = 3,325$  ML needed to be reserved in 2020-21 for 2021-22 essential requirements & system losses. For 2022-23 no reserve is required as forecast minimum inflows are adequate to cover essential supplies and system losses.
- (5) Surplus or deficit of water after accounting for all commitments. The deficit of 2,572 ML is a notional shortfall, and based on historical usage patterns, will almost certainly be met from underutilisation of account water and some of the loss commitments being met from unregulated flows.

## Resource Distribution 2020-21 (1 November 2020) Bega-Brogo Regulated River Water Source



**Total Commitments = 13,052 ML**



**Supply Source = 10,480 ML**

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