

29 September 2022

# Peel Regulated River Water Source and Peel Alluvium Groundwater Source

## Water allocation update

All entitlements, including General security (GS) received their maximum allocations for the 2022/23 water year on 1 July 2022. At the same time, the environmental contingency allowance (ECA) was also credited in full 5 gigalitre (GL). There is no change to allocations.

## Current allocation

2022/23	General Security	Average Account Balance
Peel Regulated River water source	100%*	99.7%

\* Maximum allowable.

## Key facts:

- The Peel catchment experienced rainfall ranging from 25 -100 mm in August 2022.
- Inflow into Chaffey Dam in August was about 20 GL, while downstream tributary flows contributed about 79 GL in August.
- On 27 September, Chaffey Dam was holding 104 GL of water, about 101% full.

## Climate outlook

The Bureau of Meteorology's seasonal outlook for October to December indicates above median rainfall for the Peel catchment. Additionally, minimum temperatures are likely to be about median or cooler and maximum temperature are likely to be cooler than the median for the catchment.

Further details at: [www.bom.gov.au/climate/outlooks/#/overview/summary](http://www.bom.gov.au/climate/outlooks/#/overview/summary)

## Resource assessment data sheet

Resource Distribution (as at 31 August 2022)	Volume (GL)
Current and Future Resources <sup>(1)</sup>	106.8
<i>less</i>	
Essential Supplies <sup>(2)</sup>	26.9
Reserve for 2023/24 <sup>(3)</sup>	14.0
General security balance	29.3
ECA balance <sup>(4)</sup>	5.0
Evaporation, operational and transmission loss <sup>(5)</sup>	26.8

Total resources committed 102.0

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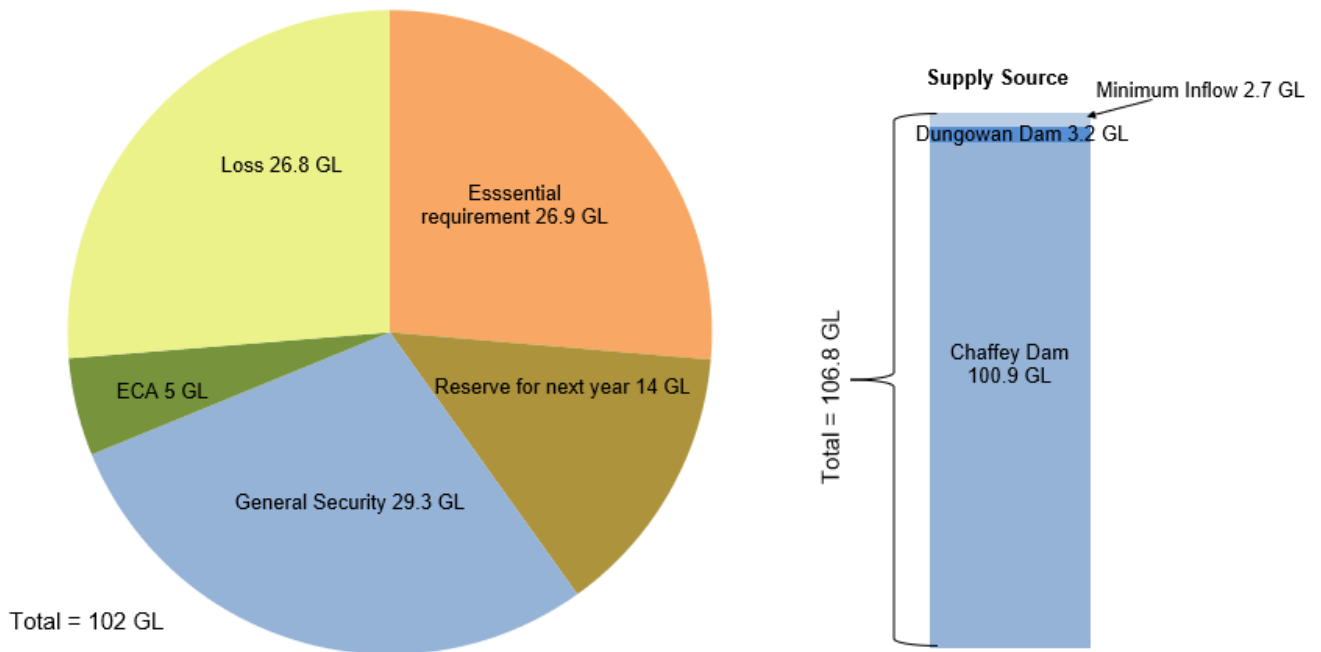
Surplus (or deficit) <sup>(6)</sup> 4.8

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**Notes:**

- (1) Chaffey Dam volume above dead storage, Dungowan Dam volume above 50% and minimum inflow expected to June 2023.
- (2) Water set aside to provide for basic landholder rights, domestic and stock (D&S), local water utility (LWU), high security (HS) and associated transmission loss plus minimum storage release. D&S entitlements have been allocated 100%, LWU entitlements have been allocated 100%, and HS entitlements have been allocated 100% for the current water year.
- (3) Reserve set aside to meet the minimum allocation of 2023/24 under the water sharing plan (WSP) obligation at the repeat of the worst drought known at the commencement of the WSP. The reserve includes basic landholder rights, 70% domestic and stock, 70% local water utility, 50% high security and associated transmission loss plus minimum storage release. This also considers minimum inflow expected next year offset by evaporation over 2023-24.
- (4) Total ECA account balance (GS allocation in ML/share multiplied by 5000).
- (5) Evaporation budget assumes historical high evaporation rates. The transmission loss is budgeted to deliver water orders based on current conditions and forecasts. ECA water delivery is measured at the dam wall thus incurs no transmission loss.
- (6) All categories of water licences (including GS) in the Peel Regulated River Water Source have been fully allocated this 2022/23 water year. There is 4.8 GL unallocated which adds to future water security.

**Resource Distribution (as at 31 August 2022)**



The history of allocations in 2022/23 is shown in the tables below. Note: increments to the aquifer (general security) licences are related to increments to general security allocations.

**Table 1. Water Allocations for the Peel Regulated River Water Source in 2022/2023**

Date	License Category	Increment	Total 2022/23
1-Jul	Domestic & Stock	100%	100%*
1-Jul	Local Water Utility	100%	100%*
1-Jul	High Security	1.00 ML/unit share	1.00 ML/unit share*
1-Jul	General Security	1.00 ML/unit share	1.00 ML/unit share*

\* Maximum allowable

**Table 2. Water Allocations for the Peel Alluvium Groundwater Source in 2022/23**

Date	License Category	Increment	Total 2022/23
1-Jul	Aquifer (general security)	1.00 ML/unit share	1.00 ML/unit share*

\* Maximum allowable

## Water allocation guide

The NSW Department of Planning and Environment – Water has produced a series of guides to describe the water allocation process for most NSW regulated river systems. The guide for the Peel regulated river water source is available at the link below:

[www.industry.nsw.gov.au/water/allocations-availability/allocations/how-water-is-allocated/resource-assessment-process](http://www.industry.nsw.gov.au/water/allocations-availability/allocations/how-water-is-allocated/resource-assessment-process)

## Further information

The next water allocation statement for the Peel River will be available in **December 2022** or earlier if there is a significant change to the current resource situation.

Information on available water determinations and water sharing plans is available on the Department of Planning and Environment website: [www.industry.nsw.gov.au/water](http://www.industry.nsw.gov.au/water)

Subscribe [here](#) to receive the Department of Planning and Environment's monthly email update on water planning, management and reform in New South Wales.

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