

16 December 2022

# Peel Regulated River Water Source and Peel Alluvium Groundwater Source

## Water allocation update

There is no change to allocations in the Peel regulated river water source and Peel alluvium groundwater source. This quarterly statement is to confirm current water sharing and to provide an update on the regulated resource conditions.

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 gigalitres (GL)).

## Current allocation

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

\* Maximum allowable.

## Key facts:

- The Peel catchment experienced rainfall ranging from 50 – 200 mm in November 2022.
- Inflow into Chaffey Dam in November was about 34.5 GL.
- Most inflow (34 GL) was released, mainly to create airspace for flood mitigation.
- Downstream tributary flows totalled about 207 GL in November.
- On 15 December, Chaffey Dam was holding 103 GL of water, about 100% full.

## Climate outlook

The Bureau of Meteorology's seasonal outlook for January 2023 to March 2023 indicates median rainfall for the Peel catchment. Additionally, minimum temperatures are likely to be about median and maximum temperature are likely to be below median for the catchment.

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

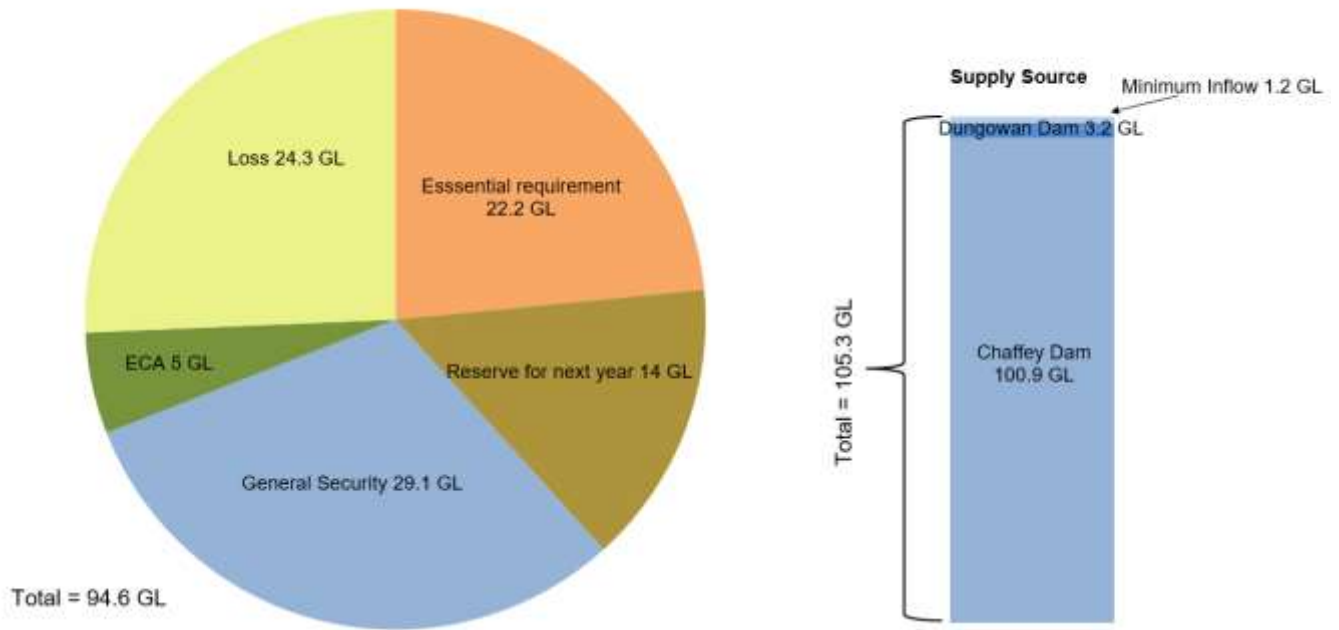
## Resource assessment data sheet

Resource Distribution (as at 30 November 2022)	Volume (GL)
Current and Future Resources <sup>(1)</sup>	105.3
less	
Essential Supplies <sup>(2)</sup>	22.2
Reserve for 2023/24 <sup>(3)</sup>	14.0
General security balance	29.1
ECA balance	5.0
Evaporation, operational and transmission loss <sup>(4)</sup>	24.3
Total resources committed	94.6
Surplus (or deficit) <sup>(5)</sup>	10.7

### Notes:

- (1) Chaffey Dam volume above dead storage, Dungowan Dam volume above 50% and minimum inflows 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) Evaporation budget assumes historical high evaporation rates. The transmission loss is budgeted to deliver water orders based on current conditions and forecasts. ECA water is measured as delivered upon release (at the dam wall) thus incurs no transmission loss.
- (5) All categories of water licences (including GS) in the Peel Regulated River Water Source have been fully allocated this 2022/23 water year. The surplus cannot be allocated but adds to future water security.

**Resource Distribution (as at 30 November 2022)**



The history of allocations in 2022/23 is shown in the tables below.

**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: [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

As water allocations for 2022/23 have reached their maximum limit, regular allocation announcements have ceased. However, conditions will continue to be monitored and a statement will be issued if there are any significant changes to resource availability or outlook.

The next statement, planned for April 2023, will provide preliminary advice on likely opening water allocations for 2023/24.

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

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