

30 January 2023

Richmond Regulated River Water Source

Water allocation update

There is no change to allocations. All entitlements, including general security, received their maximum (100%) allocation for the 2022/23 water year on 1 July 2022. This quarterly statement provides updated water sharing and regulated resource conditions. General security usage to 1 January 2023 has been minimal due to wet conditions; less than 1% of entitlement.

This assessment returns a surplus of 3,155 megalitres (ML), meaning, after allocating fully, there remains this volume of unassigned water to contribute to future system reliability.

Current allocation and average account balance

2022/23	General Security	Average Account Balance
Richmond Regulated River water source	100%*	99.3%^

* Maximum allowable.

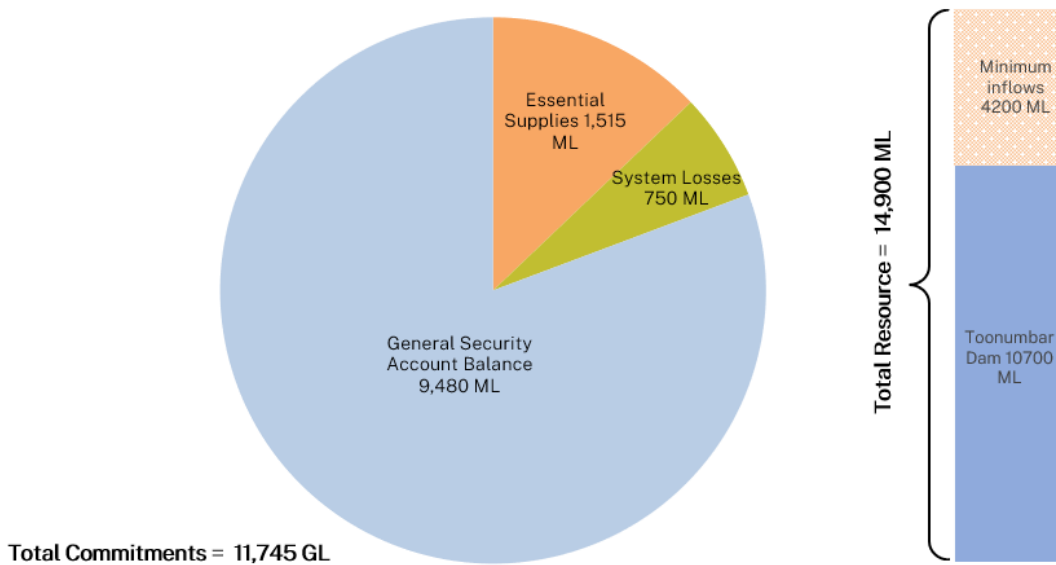
^ Current average account balance.

Resource assessment data sheet

Resource Distribution – January 2023	(ML)	(ML)
Toonumbar Dam active storage volume (as at 1/01/2023) ¹		10,700
Minimum storage inflows (February 2023 to June 2023) ²		4,200
<i>less</i>		
Basic Land Holder Rights	201	
Domestic and Stock	14	
Transparent releases	182	
Minimum storage releases	1,000	
High Security (HS) account balance ³	118	
Losses (evaporation, transmission, operation) ⁴	750	
Storage reserve for 2023/24 and 2024/25 ⁵	0	
General Security (GS) account balance ³	9,480	
<i>equals</i>		
Surplus (or deficit) ⁶		3,155

- (1) This is the active storage volume in Toonumbar Dam as of 1 January 2023, capped at the active full supply volume of 10,700 ML. Higher volumes of storage surcharge and spill are not counted as an available resource for allocation.
- (2) Minimum inflow sequence from 1 February 2023 to 30 June 2023 as the storage is currently full and unable to capture January inflows.
- (3) Estimated Actual usage for 2022/23 may be lower if wet conditions continue.
- (4) Storage evaporation loss, system transmission loss and operational loss are pro-rated for the remaining months of the water year from 1 February 2023 to 30 June 2023. Storage evaporation loss, transmission loss and operational loss are assumed from February 2023 as the storage is spilling and unregulated flows are covering January losses.
- (5) Storage reserve is water that required to be set aside in the storage as a reserve to meet system losses plus essential requirements net of minimum inflows. In this case, for the next water year (2023/24) and the water year after that (2024/25), minimum inflows are sufficient to cover the essential supply and system loss requirements, and hence no storage reserve is required for the 2023/24 and for the 2024/25 water years.
- (6) Surplus or deficit of available water after accounting for all commitments. The surplus signifies the additional resource available. As all accounts are allocated in full, this volume remains unallocated, improving the allocation reliability for the next water year.

**Richmond Regulated River Water Source
Resource Distribution 1 January 2023 to 30 June 2023**



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

Table 1. Water allocations for the Richmond Regulated River Water Source in 2022/2023

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

* Maximum allowed

Further information

The next quarterly water allocation statement for the Richmond regulated river will be available in April 2023. This will include an outlook for the 1 July 2023 opening allocations.

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

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